

Foreword

Your INFINITI represents a new way of thinking about vehicle design. It integrates advanced engineering and superior craftsmanship with a simple, refined aesthetic sensitivity associated with traditional Japanese culture.

The result is a different notion of luxury and beauty. The car itself is important, but so is the sense of harmony that the vehicle evokes in its driver, and the sense of satisfaction you feel with the INFINITI — from the way it looks and drives to the high level of retailer service.

To ensure that you enjoy your INFINITI to the fullest, we encourage you to read this Owner's Manual immediately. It explains all of the features, controls and performance characteristics of your INFINITI; it also provides important instructions and safety information.

A separate Warranty Information Booklet can be found in your Owner's literature portfolio. Always carry it with you when you take your INFINITI to an authorized retailer. The portfolio contents provide complete information about all warranties covering this vehicle, the periodic maintenance required to keep the warranties in effect as well as the INFINITI Roadside Assistance program.

Additionally, a separate Customer Care and Lemon Law Information Booklet will explain how to resolve any concerns you may have with your vehicle, as well as clarify your rights under your state's lemon law.

INFINITI is dedicated to providing a satisfying ownership experience for as long as you own your car. Should you have any questions regarding your INFINITI or an INFINITI dealer, please contact our Consumer Affairs department at:
In U.S. 1-800-662-6200.
In Canada 1-800-361-4792.

READ FIRST — THEN DRIVE SAFELY

Before driving your vehicle please read your Owner's Manual carefully. This will ensure familiarity with controls and maintenance requirements, assisting you in the safe operation of your vehicle.



WARNING

IMPORTANT SAFETY INFORMATION REMINDERS FOR SAFETY!

Follow these important driving rules to help ensure a safe and comfortable trip for you and your passengers!

- **Never drive under the influence of alcohol or drugs.**
- **Always observe posted speed limits and never drive too fast for conditions.**
- **Always use seat belts and child restraints. Pre-teen children should be seated in the rear seat.**
- **Always provide information about the proper use of vehicle safety features to all occupants of the vehicle.**
- **Always review this Owner's Manual for important safety information.**

MODIFICATION OF YOUR VEHICLE

This vehicle should not be modified. Modification could affect its performance, safety or durability, and may even violate governmental regulations. In addition, damage or performance problems resulting from modifications may not be covered under INFINITI warranties.

WHEN READING THE MANUAL

This manual includes information for all options available on this model. Therefore, you may find some information that does not apply to your vehicle.

All information, specifications and illustrations in this manual are those in effect at the time of printing. INFINITI reserves the right to change specifications or design at any time without notice.

IMPORTANT INFORMATION ABOUT THIS MANUAL

You will see various symbols in this manual. They are used in the following ways:



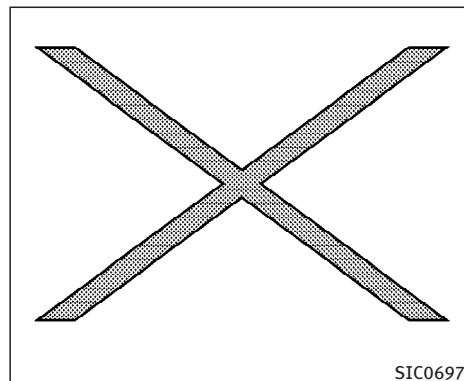
WARNING

This is used to indicate the presence of a hazard that could cause death or serious personal injury. To avoid or reduce the risk, the procedures must be followed precisely.



CAUTION

This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.

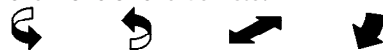


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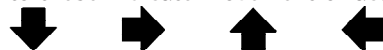
If you see this symbol, it means **Do not do this** or **Do not let this happen**.



If you see a symbol similar to these in an illustration, it means the arrow points to the front of the vehicle.



Arrows in an illustration that are similar to these indicate movement or action.



Arrows in an illustration that are similar to these call attention to an item in the illustration.

CALIFORNIA PROPOSITION 65
WARNING



WARNING

Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



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TOKYO, JAPAN

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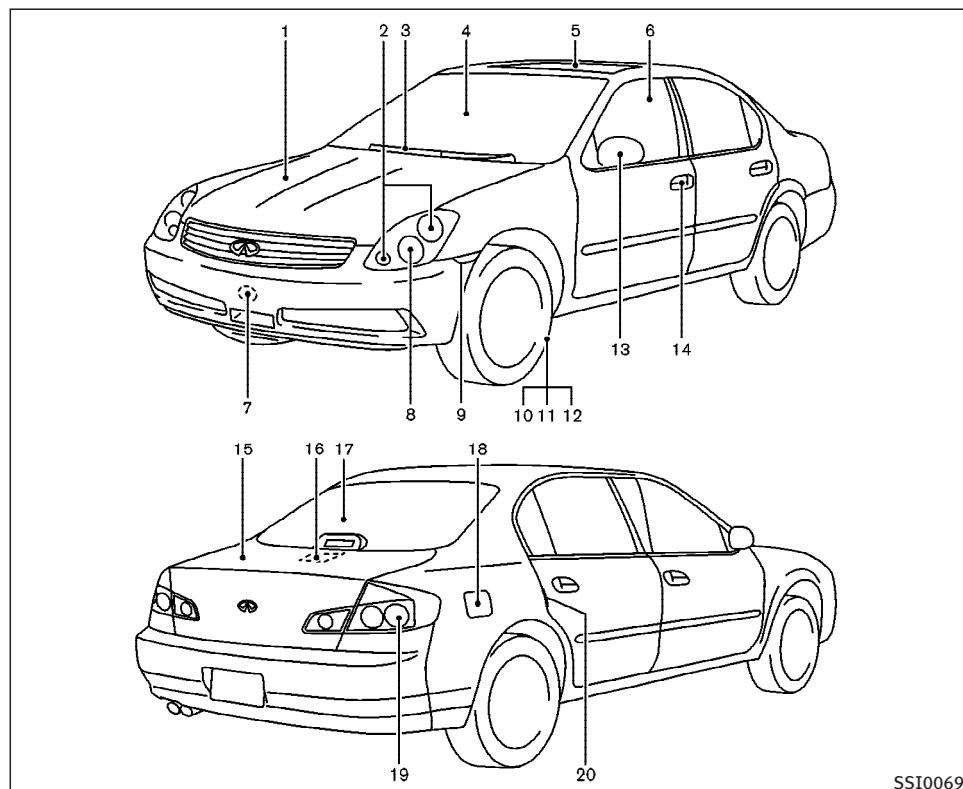
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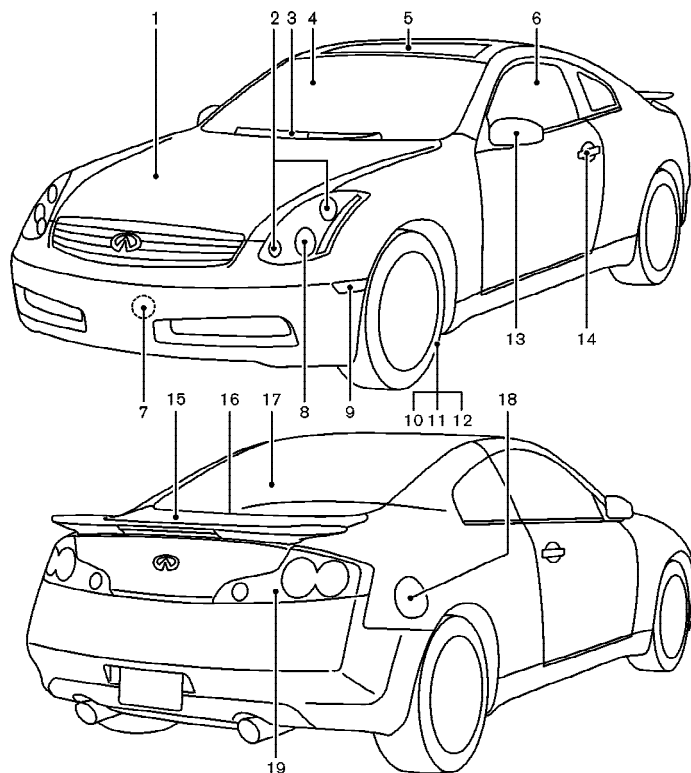
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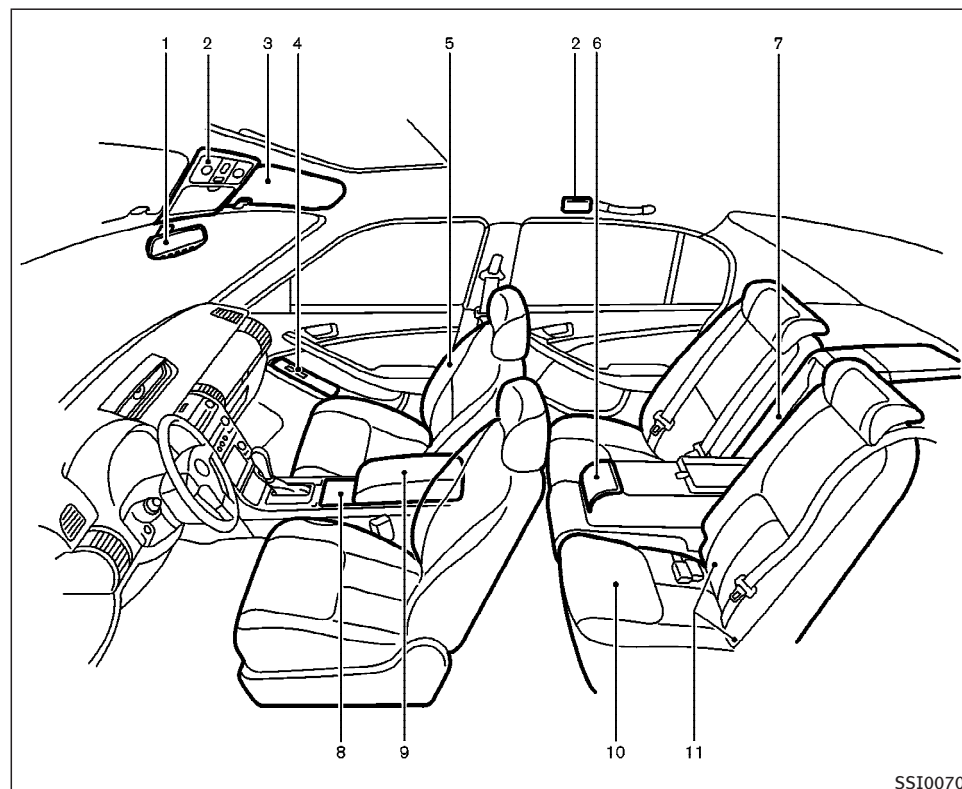


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COUPE

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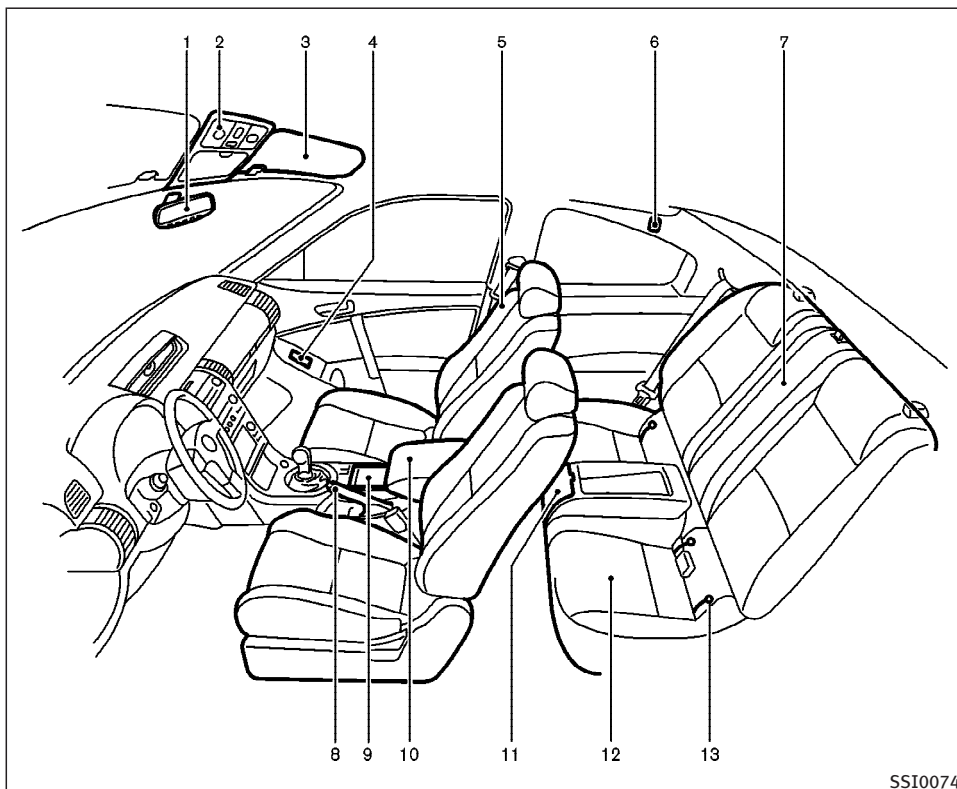
PASSENGER COMPARTMENT



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SEDAN

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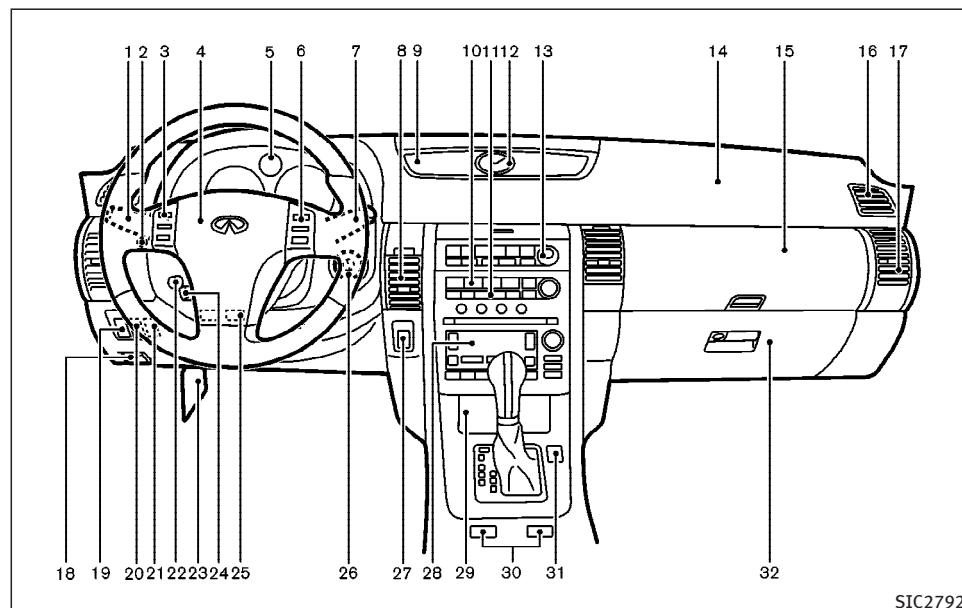


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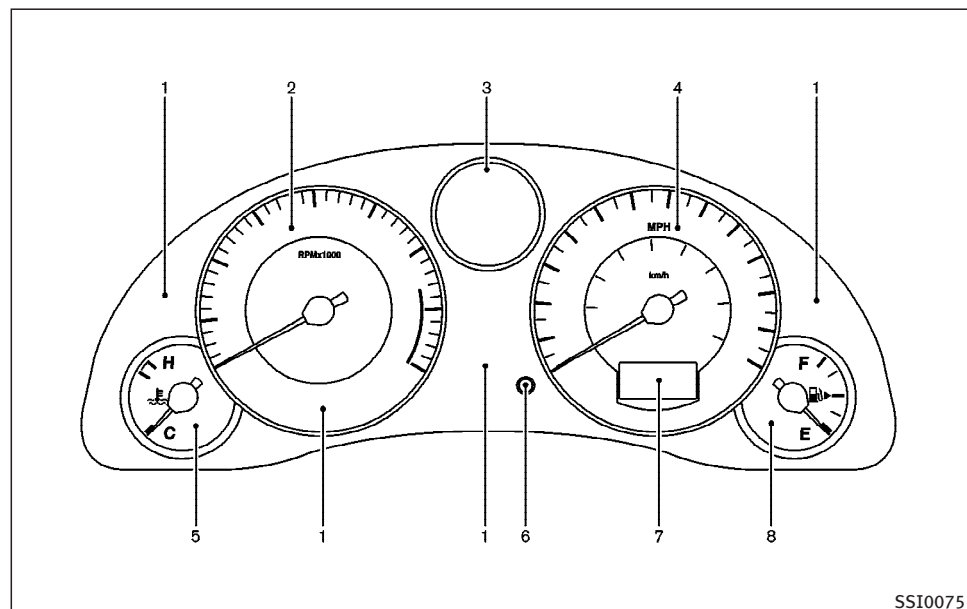
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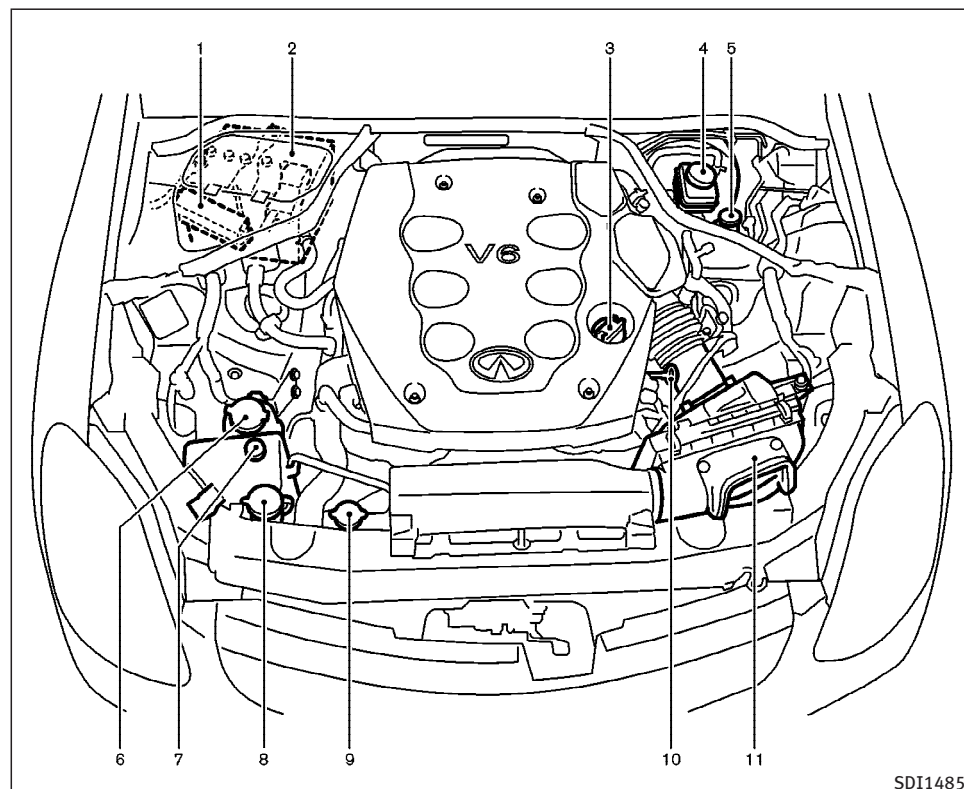
*: Refer to the separate Navigation System
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ENGINE COMPARTMENT LOCATIONS



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VQ35DE

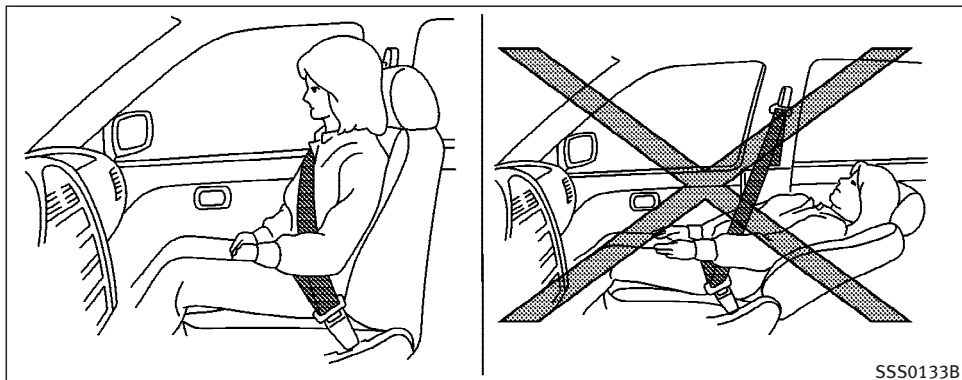
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MEMO

1 Safety — Seats, seat belts and supplemental restraint system

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SEATS



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WARNING

- Do not ride in a moving vehicle when the seatback is reclined. This can be dangerous. The shoulder belt will not be against your body. In an accident, you could be thrown into it and receive neck or other serious injuries. You could also slide under the lap belt and receive serious internal injuries.

- For the most effective protection when the vehicle is in motion, the seat should be upright. Always sit well back in the seat and adjust the seat belt properly. See “Precautions on seat belt usage” later in this section.

FRONT POWER SEAT ADJUSTMENT



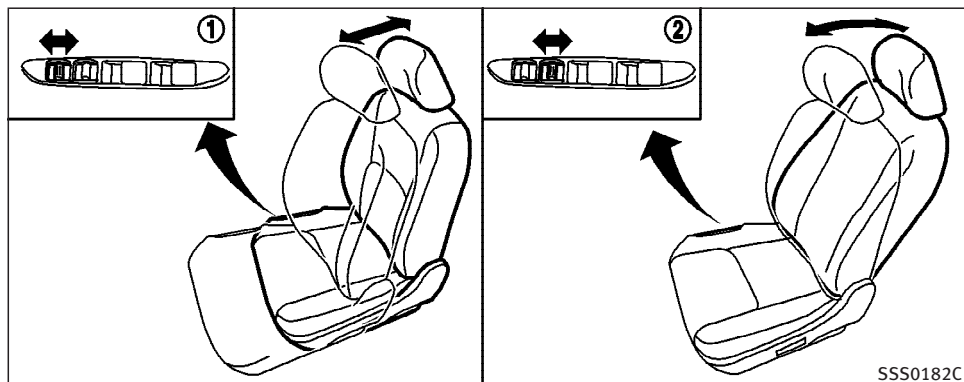
WARNING

- Do not adjust the driver's seat while driving so full attention may be given to vehicle operation.
- Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls. Unattended children could become involved in serious accidents.

Operating tips

- The seat motor has an auto-reset overload protection circuit. If the motor stops during operation, wait 30 seconds, then reactivate the switch.
- Do not operate the power seat for a long period of time when the engine is off. This will discharge the battery.

See “Automatic drive positioner” in the “3. Pre-driving checks and adjustments” for automatic seat positioner operation.



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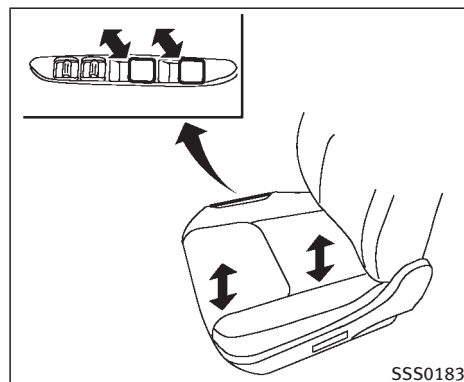
Forward and backward

Moving the switch ① forward or backward will slide the seat forward or backward to the desired position.

Reclining

Move the recline switch ② backward until the desired angle is obtained. To bring the seatback forward again, move the switch forward and move your body forward. The seatback will move forward.

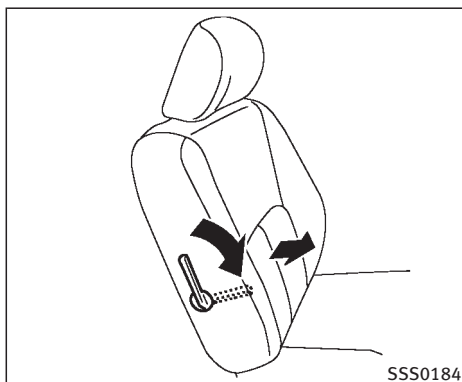
The reclining feature allows adjustment of the seatback for occupants of different sizes for added comfort and to help obtain proper seat belt fit. (See “Precautions on seat belt usage” later in this section.) The seatback may also be reclined to allow occupants to rest when the vehicle is parked.



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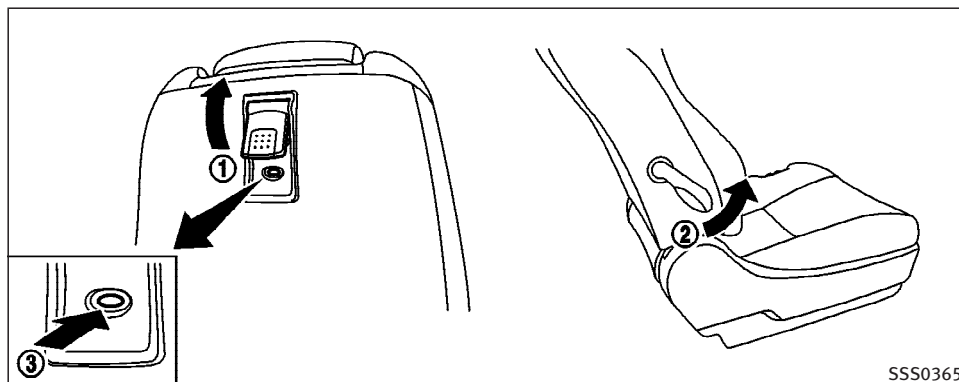
Seat lifter (Driver's seat)

Pull the switch up or push it down to adjust the angle and height of the seat.



Lumbar support (Driver's seat)

The lumbar support feature provides lower back support to the driver. Move the lever up or down to adjust the seat lumbar area.



Walk-in mechanism (Coupe)

This feature makes it easier to get in and out of the rear seat. Use the following procedure when getting in and out of the rear seat.

1. Pull the seatback lever upward ① or pull the walk-in lever ② on the side of the front seat upward to fold the front seatback down.
2. To slide the front seat forward, push the seatback switch ③ below the seatback lever. The front seat will move forward.

3. Get in or out of the vehicle.

4. Push the seatback switch ③ again to return the front seat to its original position and raise the seatback.

- The front passenger seat will stop at 7 in (175 mm) from its front most position to retain space for the rear passenger.



CAUTION

- Do not raise the seatback before re-

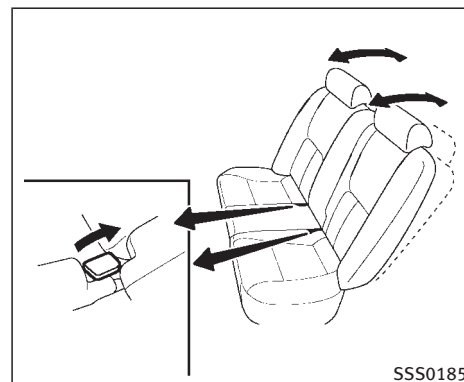
turning the front seat to its original position.

- When returning the seat to its original position, confirm the seat and seatback are locked properly.
- Be careful not to pinch your hand or foot or bump your head when operating the walk-in seat. The seatback will fold down rapidly.
- Do not place any objects near the seatback of the front seats. They may be pinched and damaged.

The automatic forwarding and reversing will not work or stop under the following conditions:

- When the vehicle speed is above 4 MPH (7 km/h).
- When the seat belt is fastened.
- When the selector lever is not in the P (Park) position (Automatic transmission model's driver's seat) or the parking brake is not applied (Manual transmission model's driver's seat)
- When the door is closed.

- When the slide adjusting switch is operated.



REAR SEAT ADJUSTMENT

Reclining (if so equipped)

Pull the reclining lever and position the seat back at the desired angle. Release the reclining lever after positioning the seat at the desired angle.

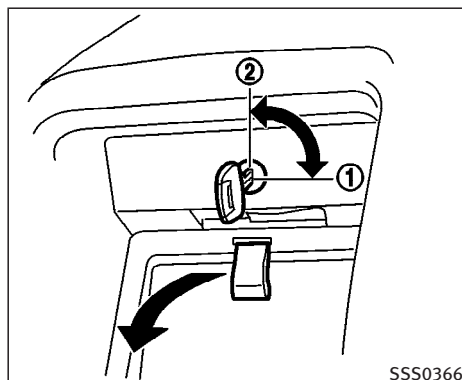


WARNING

- Do not ride in a moving vehicle when the seatback is reclined. This can be dangerous. The shoulder belt will not

be against your body. In an accident, you could be thrown into it and receive neck or other serious injuries. You could also slide under the lap belt and receive serious internal injuries.

- For the most effective protection when the vehicle is in motion, the seat should be upright. Always sit well back in the seat and adjust the seat belt properly. See “Precautions on seat belt usage” later in this section.
- After adjustment, gently rock in the seat to make sure it is securely locked.



the partition. Otherwise, the partition may be damaged.

Interior trunk access

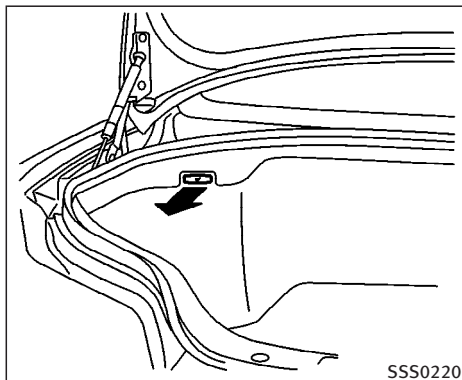
Sedan:

Pull the partition down to access the trunk from the rear seat.

The partition can be locked using the master key to prevent unauthorized access.

To lock the partition, turn the key to the lock position ①. To unlock, turn the key to the unlock position ②.

Remove the key while opening or closing



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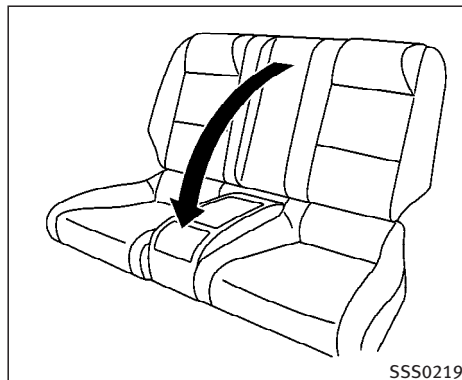
Coupe:

Pull the handle on the left side of the trunk and push the seatback forward to access the trunk from the rear seat.

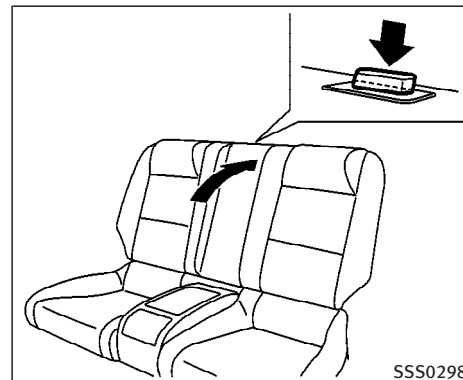


WARNING

Properly secure all cargo to help prevent it from sliding or shifting. Do not place cargo higher than the seatbacks. In a sudden stop or collision, unsecured cargo could cause personal injury.

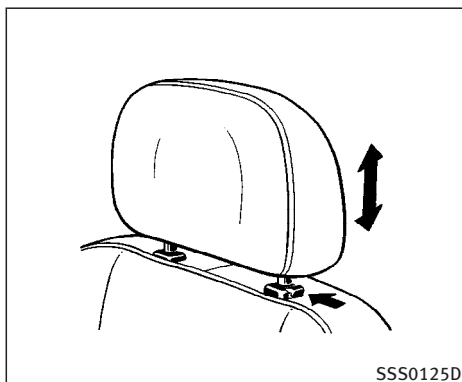


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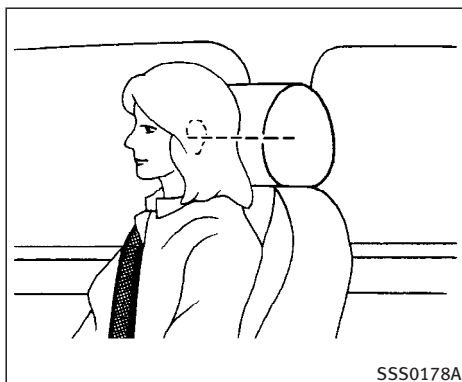
SSS0298

When raising the seatback, make sure to lock the seatback. The pop up knob on the seatback will latch in when the seatback is locked.



HEAD RESTRAINT ADJUSTMENT

To raise the head restraint, just pull it up. To lower, push the lock knob and push the head restraint down.

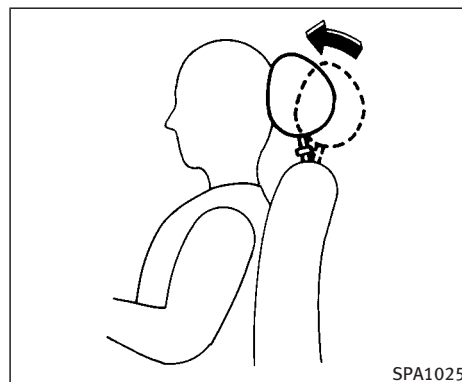


Adjust the head restraints so the center is level with the center of your ears.



WARNING

Head restraints should be adjusted properly as they may provide significant protection against injury in an accident. Do not remove them. Check the adjustment after someone else uses the seat.



ACTIVE HEAD RESTRAINT (front seats)



WARNING

- Always adjust the head restraints properly as specified in the previous section. Failure to do so can reduce the effectiveness of the active head restraint.
- Active head restraints are designed to supplement other safety systems. Always wear seat belts. No system can

prevent all injuries in any accident.

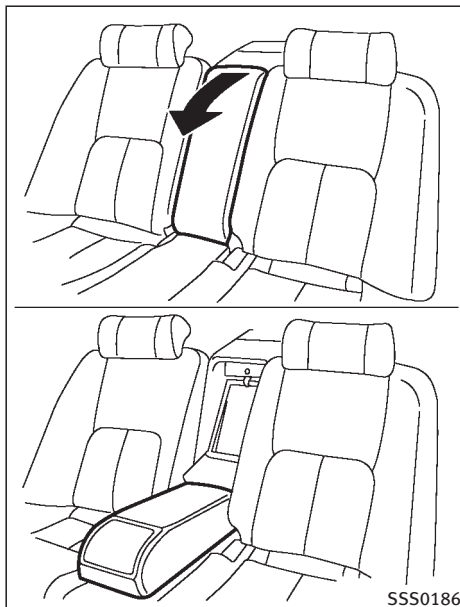
- Do not attach anything to the head restraint stalks. Doing so could impair active head restraint function.

The head restraint moves forward utilizing the force that the seatback receives from the occupant in a rear-end collision. The movement of the head restraint helps support the occupant's head by reducing its backward movement and helping absorb some of the forces that may lead to whiplash type injuries.

Active head restraints are effective for collisions at low to medium speeds in which it is said that whiplash injury occurs most.

Active head restraints operate only in certain rear-end collisions. After the collision, the head restraints return to their original positions.

Properly adjust the active head restraints as described in the previous section.



ARMREST (if so equipped)

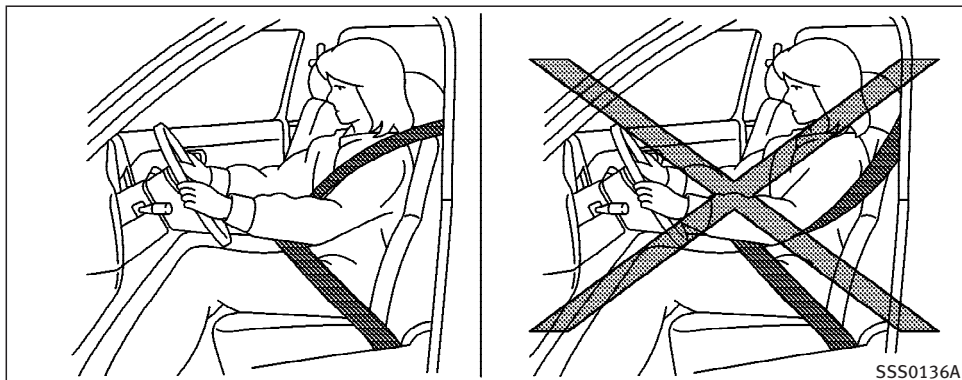
Pull the armrest forward until it is horizontal.

SEAT BELTS

PRECAUTIONS ON SEAT BELT USAGE

If you are wearing your seat belt properly adjusted, and you are sitting upright and well back in your seat, your chances of being injured or killed in an accident and/or the severity of injury may be greatly reduced. INFINITI strongly encourages you and all of your passengers to buckle up every time you drive, even if your seating position includes a supplemental air bag.

Most states, provinces or territories require that seat belts be worn at all times when a vehicle is being driven.



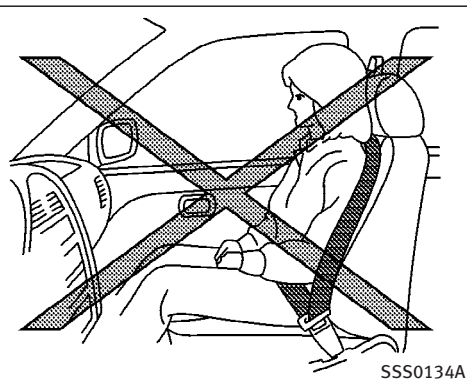
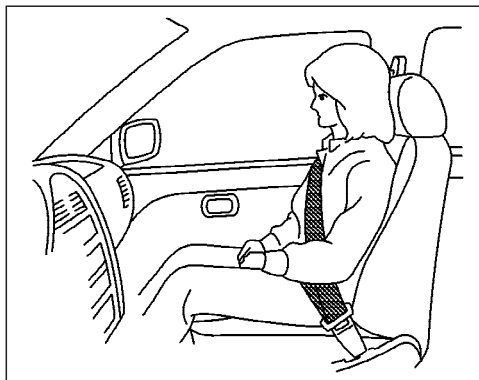
WARNING

- Every person who drives or rides in this vehicle should use a seat belt at all times. Children should be properly restrained in the rear seat and, if appropriate, in a child restraint.
- The seat belt should be properly adjusted to a snug fit. Failure to do so may reduce the effectiveness of the entire restraint system and increase the

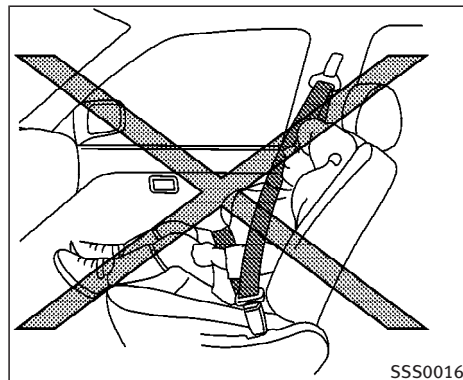
chance or severity of injury in an accident. Serious injury or death can occur if the seat belt is not worn properly.

- Always route the shoulder belt over your shoulder and across your chest. Never run the belt behind your back, under your arm or across your neck. The belt should be away from your face and neck, but not falling off your shoulder.

- Position the lap belt as low and snug as possible around the hips, not the waist. A lap belt worn too high could increase the risk of internal injuries in an accident.
- Be sure the seat belt tongue is securely fastened to the proper buckle.
- Do not wear the seat belt inside out or twisted. Doing so may reduce its effectiveness.
- Do not allow more than one person to use the same seat belt.
- Never carry more people in the vehicle than there are seat belts.
- If the seat belt warning light glows continuously while the ignition is turned ON with all doors closed and all seat belts fastened, it may indicate a malfunction in the system. Have the system checked by an INFINITI dealer.
- Once the pre-tensioner seat belt has activated, it cannot be reused and must be replaced together with the retractor. See an INFINITI dealer.



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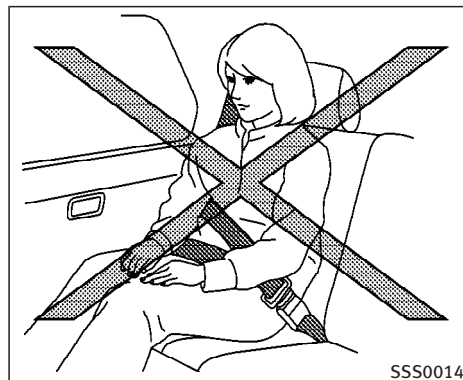


SSS0016

- Removal and installation of the pretensioner seat belt system components should be done by an INFINITI dealer.
- All seat belt assemblies, including retractors and attaching hardware, should be inspected after any collision by an INFINITI dealer. INFINITI recommends that all seat belt assemblies in use during a collision be replaced unless the collision was minor and the belts show no damage and continue to operate properly. Seat belt assemblies

not in use during a collision should also be inspected and replaced if either damage or improper operation is noted.

- All child restraints and attaching hardware should be inspected after any collision. Always follow the restraint manufacturer's inspection instructions and replacement recommendations. The child restraints should be replaced if they are damaged.



SSS0014

CHILD SAFETY

Children need adults to help protect them. They need to be properly restrained.

In addition to the general information in this manual, child safety information is available from many other sources, including doctors, teachers, government traffic safety offices, and community organizations. Every child is different, so be sure to learn the best way to transport your child.

There are three basic types of child restraint systems:

- Rear-facing child restraint
- Front-facing child restraint
- Booster seat

The proper restraint depends on the child's size. Generally, infants (up to about 1 year and less than 20 lb (9 kg)) should be placed in rear-facing child restraints. Front-facing child restraints are available for children who outgrow rear-facing child restraints and are at least 1 year old. Booster seats are used to help position a vehicle lap/shoulder belt on a

child who can no longer use a front-facing child restraint.



WARNING

Infants and children need special protection. The vehicle's seat belts may not fit them properly. The shoulder belt may come too close to the face or neck. The lap belt may not fit over their small hip bones. In an accident, an improperly fitting seat belt could cause serious or fatal injury. Always use appropriate child restraints.

All US states and provinces of Canada require the use of approved child restraints for infants and small children. (See "Child restraints" later in this section.)

Also, there are other types of child restraints available for larger children for additional protection.

INFINITI recommends that all pre-teens and children be restrained in the rear seat if possible. According to accident statistics, children are safer when properly restrained in the rear seat than in the front seat.

This is especially important because your

vehicle has a supplemental restraint system (air bag system) for the front passenger. See "Supplemental Restraint System" later in this section for precautions.

Infants

Infants up to at least one year old should be placed in a rear-facing child restraint. INFINITI recommends that infants be placed in child restraints that comply with Federal Motor Vehicle Safety Standards or Canadian Motor Vehicle Safety Standards. You should choose a child restraint that fits your vehicle and always follow the manufacturer's instructions for installation and use.

Small children

Children that are over one year old and weigh between 20 lbs (9 kg) and 40 lbs (18 kg) can be placed in a forward facing child restraint. Refer to the manufacturer's instructions for minimum and maximum weight and height recommendations. INFINITI recommends that small children be placed in child restraints that comply with Federal Motor Vehicle Safety Standards or Canadian Motor Vehicle Safety Standards. You should choose a child restraint that fits your vehicle and

always follow the manufacturer's instructions for installation and use.

Larger children

Children who are too large for child restraints should be seated and restrained by the seat belts which are provided. The seat belt may not fit properly if the child is less than 4 feet 9 inches (142.5 cm) tall and weighs between 40 lbs (18 kg) and 80 lbs (36 kg). A booster seat should be used to obtain proper seat belt fit.

INFINITI recommends that a child be placed in a commercially available booster seat if the shoulder belt in the child's seating position fits close to the face or neck or if the lap portion of the seat belt goes across the abdomen. The booster seat should raise the child so that the shoulder belt is properly positioned across the top, middle portion of the shoulder and the lap belt is low on the hips. A booster seat can only be used in seating positions that have a three-point type seat belt. The booster seat should fit the vehicle seat and have a label certifying that it complies with Federal Motor Vehicle Safety Standards or Canadian Motor Vehicle Safety Standards. Once the child has grown so the shoulder

belt is no longer on or near the face and neck, use the shoulder belt without the booster seat.



WARNING

Never let a child stand or kneel on any seat and do not allow a child in the cargo areas while the vehicle is moving. The child could be seriously injured or killed in an accident or sudden stop.

PREGNANT WOMEN

INFINITI recommends that pregnant women use seat belts. The seat belt should be worn snug, and always position the lap belt as low as possible around the hips, not the waist. Place the shoulder belt over your shoulder and across your chest. Never run the lap/shoulder belt over your abdominal area. Contact your doctor for specific recommendations.

INJURED PERSONS

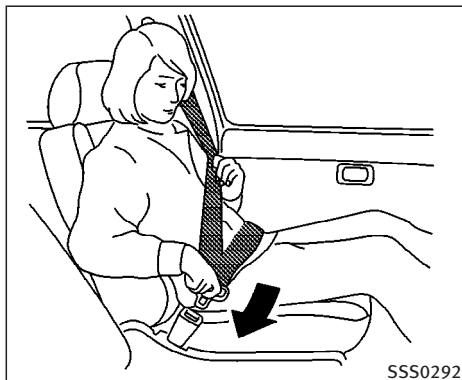
INFINITI recommends that injured persons use seat belts, depending on the injury. Check with your doctor for specific recommendations.

THREE-POINT TYPE SEAT BELT WITH RETRACTOR



WARNING

- Every person who drives or rides in this vehicle should use a seat belt at all times.
- Do not ride in a moving vehicle when the seatback is reclined. This can be dangerous. The shoulder belt will not be against your body. In an accident, you could be thrown into it and receive neck or other serious injuries. You could also slide under the lap belt and receive serious internal injuries.
- For the most effective protection when the vehicle is in motion, the seat should be upright. Always sit well back in the seat and adjust the seat belt properly.



Front seat

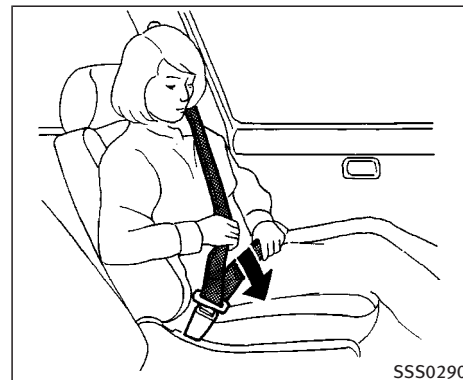
Fastening the seat belts

1. Adjust the seat. See “Seats” earlier in this section.
2. Slowly pull the seat belt out of the retractor and insert the tongue into the buckle until it clicks.
 - **The retractor is designed to lock during a sudden stop or on impact. A slow pulling motion will permit the belt to move, and allow you some freedom of movement in the seat.**



Rear seat

- **If the seat belt cannot be pulled from its fully retracted position, firmly pull the belt and release it. Then smoothly pull the belt out of the retractor.**

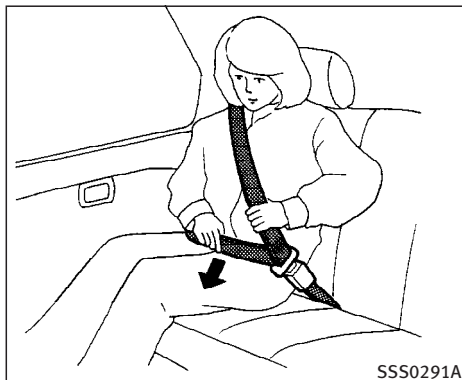


Front seat

3. Position the lap belt portion **low and snug on the hips** as shown.
4. Pull the shoulder belt portion toward the retractor to take up extra slack. Be sure the shoulder belt is routed over your shoulder and across your chest.

The front passenger and rear seat belts have a locking mechanism for child restraint installation. It is referred to as the automatic locking mode.

When the locking mechanism is activated the seat belt cannot be extended again until the seat belt tongue is detached



Rear seat

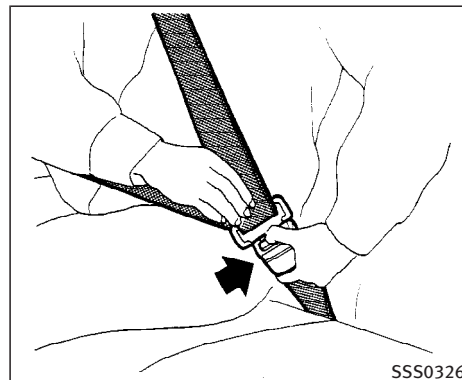
from the buckle and fully retracted. For additional information, see “Child restraints” later in this section.

The automatic locking mode should be used only for child restraint installation. During normal seat belt use by a passenger, the locking mode should not be activated. If it is activated it may cause uncomfortable seat belt tension.



WARNING

When fastening the seat belts, be certain that the seatbacks are completely secured in the latched position. If they are not completely secured, passengers may be injured in an accident or sudden stop.



Unfastening the seat belts

To unfasten the belt, push the button on the buckle. The seat belt will automatically retract.

Checking seat belt operation

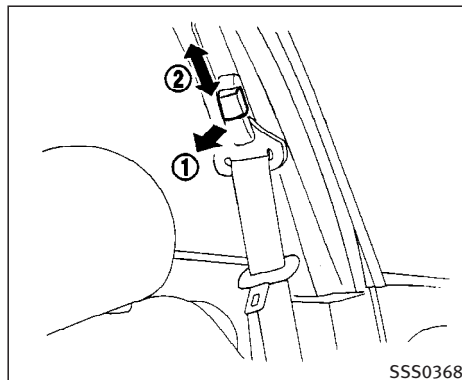
Your seat belt retractors are designed to lock belt movement using two separate methods:

- when the belt is pulled quickly from the retractor.
- when the vehicle slows down rapidly.

You can check their operation as follows:

- grasp the shoulder belt and pull quickly forward. The retractor should lock and restrict further belt movement.

If the retractor does not lock during this check or if you have any questions about belt operation, see an INFINITI dealer.



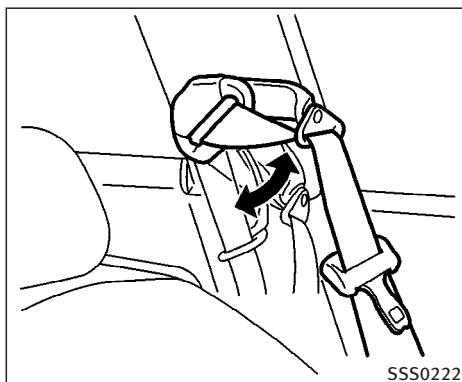
Shoulder belt height adjustment (For Sedan front seats)

The shoulder belt anchor height should be adjusted to the position best suited for you. (See “Precautions on seat belt usage” earlier in this section.) To adjust, pull the release button ①, and then move the shoulder belt anchor ② to the desired position, so that the belt passes over the shoulder. Release the adjustment button ① to lock the shoulder belt anchor into position.



WARNING

- After adjustment, release the adjustment button and try to move the shoulder belt anchor up and down to make sure it is securely fixed in position.
- The shoulder belt anchor height should be adjusted to the position best for you. Failure to do so may reduce the effectiveness of the entire restraint system and increase the chance or severity of injury in an accident.



Shoulder belt guide (Coupe)

The shoulder arm can be adjusted to allow easier access to the shoulder belt. The arm can also be folded down to allow rear seat passengers easier access.

SEAT BELT EXTENDERS

If, because of body size or driving position, it is not possible to properly fit the lap-shoulder belt and fasten it, an extender is available. The extender adds approximately 8 inches (200 mm) of length and may be used for either the driver or front passenger seating position. See an

INFINITI dealer for assistance if the extender is required.



WARNING

- Only INFINITI seat belt extenders, made by the same company which made the original equipment seat belts, should be used with INFINITI seat belts.
- Adults and children who can use the standard seat belt should not use an extender. Such unnecessary use could result in serious personal injury in the event of an accident.
- Never use seat belt extenders to install child restraints. If the child restraint is not secured properly, the child could be seriously injured in a collision or a sudden stop.

SEAT BELT MAINTENANCE

- To clean the seat belt webbings, apply a mild soap solution or any solution recommended for cleaning upholstery or carpets. Then brush the

webbing, wipe it with a cloth and allow it to dry in the shade. Do not allow the seat belts to retract until they are completely dry.

- If dirt builds up in the shoulder belt guide of the seat belt anchors, the seat belts may retract slowly. Wipe the shoulder belt guide with a clean, dry cloth.
- Periodically check to see that the seat belt and the metal components such as buckles, tongues, retractors, flexible wires and anchors work properly. If loose parts, deterioration, cuts or other damage on the webbing is found, the entire belt assembly should be replaced.

CHILD RESTRAINTS

PRECAUTIONS ON CHILD RESTRAINTS



WARNING

- Infants and small children should always be placed in an appropriate child restraint while riding in the vehicle. Failure to use a child restraint can result in serious injury or death.
- Infants and small children should never be carried on your lap. It is not possible for even the strongest adult to resist the forces of a severe accident. The child could be crushed between the adult and parts of the vehicle. Also, do not put the same seat belt around both your child and yourself.
- Never install a rear-facing child restraint in the front seat. An inflating supplemental air bag could seriously injure or kill your child. A rear-facing child restraint must only be used in the rear seat.

- **INFINITI recommends that the child restraint be installed in the rear seat. According to accident statistics, children are safer when properly restrained in the rear seat than in the front seat.**
- An improperly installed child restraint could lead to serious injury or death in an accident.

In general, child restraints are designed to be installed with the lap portion of a lap/shoulder seat belt. In addition, this vehicle is equipped with a universal child restraint lower anchor system, referred to as the LATCH (Lower Anchors and Tethers for Children) system. Some child restraints include two rigid or webbing-mounted attachments that can be connected to these lower anchors. For details, see “LATCH (Lower Anchors and Tethers for Children) SYSTEM” later in this section.

Child restraints for infants and children of various sizes are offered by several manufacturers. When selecting any child restraint, keep the following points in mind:

- Choose only a restraint with a label

certifying that it complies with Federal Motor Vehicle Safety Standard 213 or Canadian Motor Vehicle Safety Standard 213.

- Check the child restraint in your vehicle to be sure it is compatible with the vehicle's seat and seat belt system.
- If the child restraint is compatible with your vehicle, place your child in the child restraint and check the various adjustments to be sure the child restraint is compatible with your child. Choose a child restraint that is designed for your child's height and weight. Always follow all recommended procedures.

All US states and Canadian provinces require that infants and small children be restrained in approved child restraints at all times while the vehicle is being operated.



WARNING

- Improper use of a child restraint can increase the risk or severity of injury for both the child and other occupants

of the vehicle.

- Follow all of the child restraint manufacturer's instructions for installation and use. When purchasing a child restraint, be sure to select one which will fit your child and vehicle. It may not be possible to properly install some types of child restraints in your vehicle.
- If the child restraint is not anchored properly, the risk of a child being injured in a collision or a sudden stop greatly increases.
- Adjustable seatbacks should be positioned to fit the child restraint, but as upright as possible.
- After attaching the child restraint, test it before you place the child in it. Push it from side to side. Try to tug it forward and check to see if the belt holds the restraint in place. The child restraint should not move more than 1 in (25 mm). If the restraint is not secure, tighten the belt as necessary, or put the restraint in another seat and test it again. You may need to try a different child restraint. Not all child restraints

fit in all types of vehicles.

- If you must install a front-facing child restraint in the front seat, see "Child restraint installation on front passenger seat" later in this section.
- When your child restraint is not in use, keep it secured with a seat belt to prevent it from being thrown around in case of a sudden stop or accident.



CAUTION

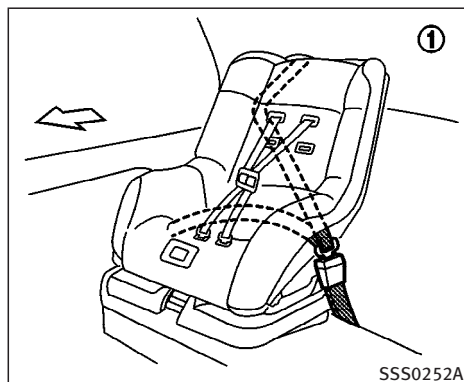
Remember that a child restraint left in a closed vehicle can become very hot. Check the seating surface and buckles before placing your child in the child restraint.

CHILD RESTRAINT INSTALLATION ON REAR SEAT CENTER OR OUTBOARD POSITIONS



WARNING

- The three-point seat belt in your vehicle is equipped with an automatic locking mode retractor which must be used when installing a child restraint.
- Failure to use the automatic locking mode will result in the child restraint not being properly secured. The restraint could tip over or otherwise be unsecured and cause injury to the child in a sudden stop or collision.

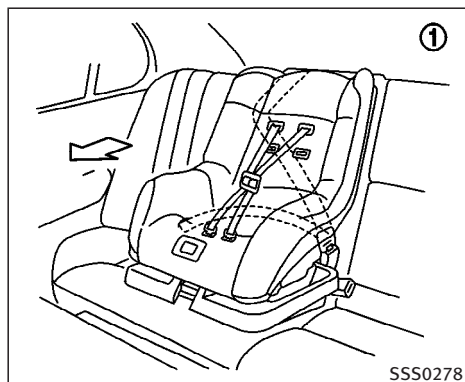


Rear outboard seat

Front-facing

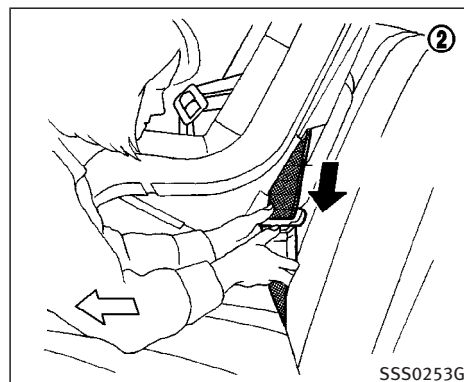
When you install a child restraint in a rear outboard or center seat, follow these steps:

1. Position the child restraint on the seat. Always follow the restraint manufacturer's instructions.

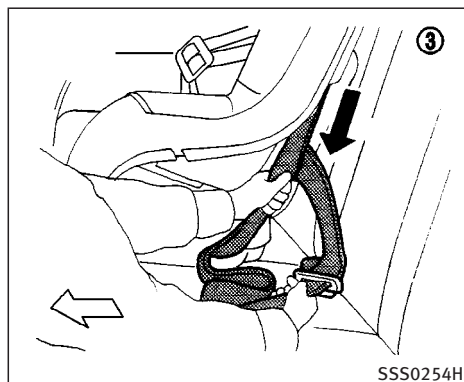


Rear center seat

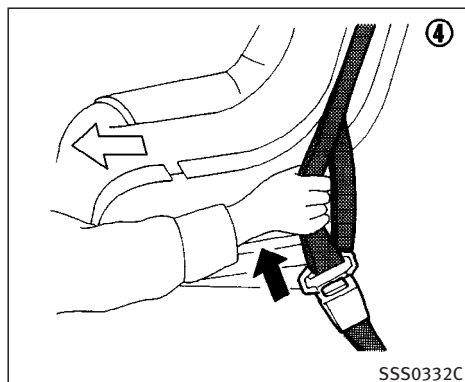
The back of the child restraint should be secured against the vehicle seatback. If necessary, adjust or remove the head restraint to obtain the correct child restraint fit. See "Head restraint" earlier in this section. If the head restraint is removed, store it in a secure place. Be sure to install the head restraint when the child restraint is removed. If the seating position does not have an adjustable head restraint and it is interfering with the proper child restraint fit, try another seating position or a different child restraint.



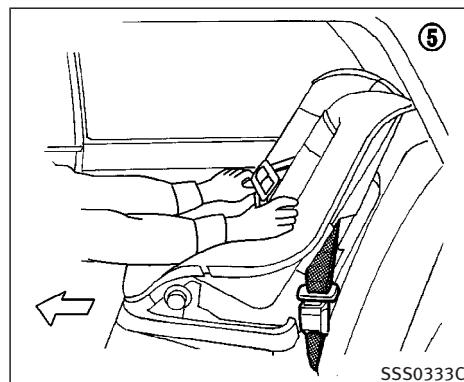
2. Route the seat belt tongue through the child restraint and insert it into the buckle until you hear and feel the latch engage. Be sure to follow the child restraint manufacturer's instructions for belt routing.



3. Pull on the shoulder belt until all of the belt is fully extended. At this time, the belt retractor is in the automatic locking mode (child restraint mode). It reverts back to emergency locking mode when the belt is fully retracted.



4. Allow the belt to retract. Pull up on the belt to remove any slack in the belt.



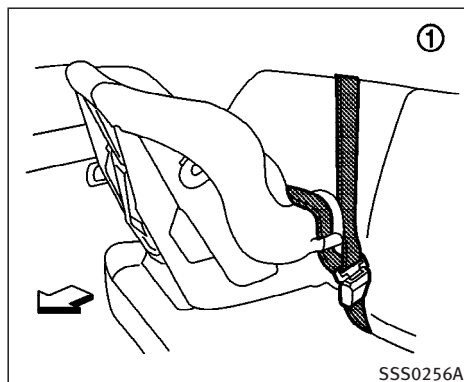
5. Before placing the child in the child restraint, use force to push the child restraint from side to side, and tug it forward to make sure that it is securely held in place. It should not move more than 1 in (25 mm). If it does move more than 1 in (25 mm), pull again on the shoulder belt to further tighten the child restraint. If unable to properly secure the restraint, move the restraint to another rear seating position and try again, or try a different child restraint. Not all child restraints fit in all types of vehicles.

6. Check that the retractor is in the auto-

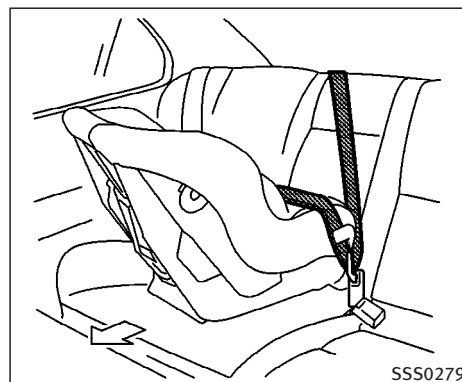
matic locking mode by trying to pull more belt out of the retractor. If you cannot pull any more belt webbing out of the retractor, the belt is in the automatic locking mode.

7. Check to make sure that the child restraint is properly secured prior to each use. If the belt is not locked, repeat steps 3 through 6.

After the child restraint is removed and the seat belt is allowed to wind back into the retractor, the automatic locking mode (child restraint mode) is canceled; the seat belt only locks during a sudden stop or impact.



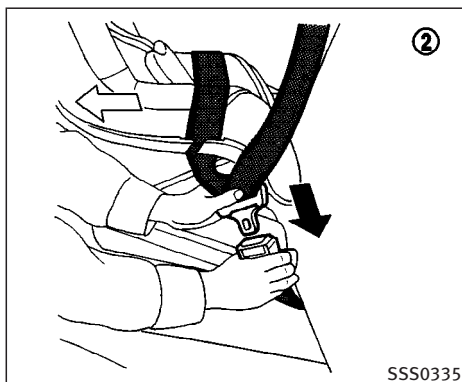
**Rear outboard seat
Rear-facing**



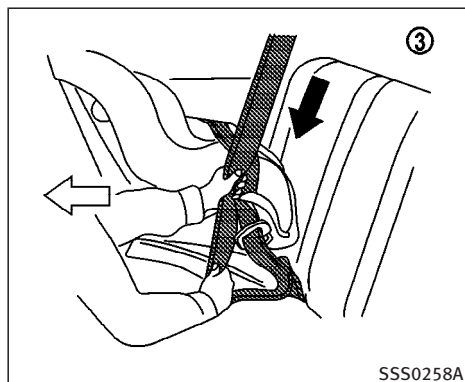
Rear center seat

When you install a child restraint in a rear outboard or center seat, follow these steps:

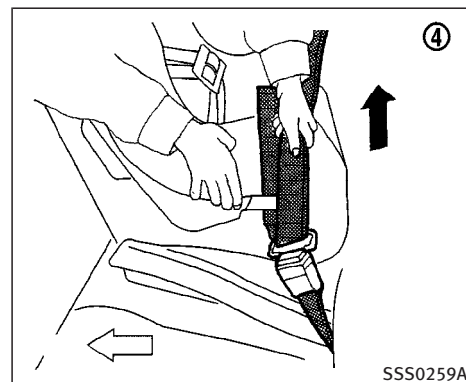
1. Position the child restraint on the seat. Always follow the restraint manufacturer's instructions.



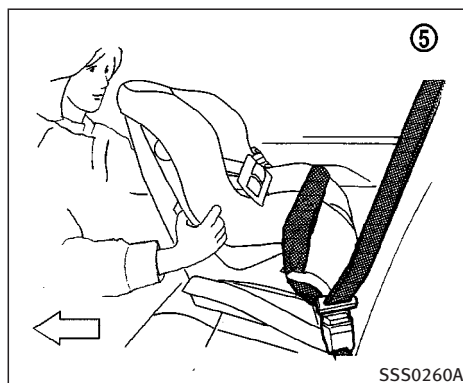
2. Route the seat belt tongue through the child restraint and insert it into the buckle until you hear and feel the latch engage. Be sure to follow the child restraint manufacturer's instructions for belt routing.



3. Pull on the shoulder belt until all of the belt is fully extended. At this time, the belt retractor is in the automatic locking mode (child restraint mode). It reverts back to emergency locking mode when the belt is fully retracted.



4. Allow the belt to retract. Pull up on the belt to remove any slack in the belt.

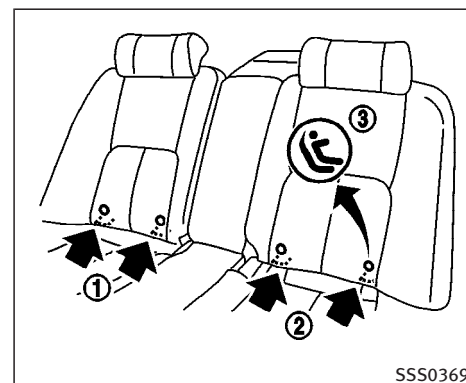


5. Before placing the child in the child restraint, use force to push the child restraint from side to side, and tug it forward to make sure that it is securely held in place. It should not move more than 1 in (25 mm). If it does move more than 1 in (25 mm), pull again on the shoulder belt to further tighten the child restraint. If unable to properly secure the restraint, move the restraint to another rear seating position and try again, or try a different child restraint. Not all child restraints fit in all types of vehicles.
6. Check that the retractor is in the auto-

matic locking mode by trying to pull more belt out of the retractor. If you cannot pull any more belt webbing out of the retractor, the belt is in the automatic locking mode.

7. Check to make sure that the child restraint is properly secured prior to each use. If the belt is not locked, repeat steps 3 through 6.

After the child restraint is removed and the seat belt is allowed to wind back into the retractor, the automatic locking mode (child restraint mode) is canceled; the seat belt only locks during a sudden stop or impact.



Sedan

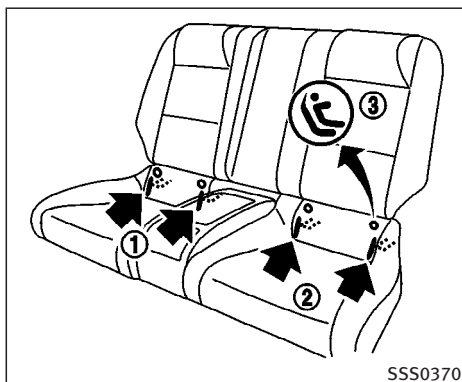
LATCH (LOWER ANCHORS AND TETHERS FOR CHILDREN) SYSTEM

1. LATCH lower anchor points (right)
2. LATCH lower anchor points (left)
3. LATCH label



WARNING

- Attach LATCH system compatible child restraints only at the locations shown. If a child restraint is not secured properly, your child could be seriously injured or killed in an accident.



Coupe

SSS0370

- Do not secure a child restraint in the center rear seating position using the LATCH system anchors. The child restraint will not be secured properly.
- The LATCH system anchors are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstance are they to be used for adult seat belts or harnesses.

Some child restraints include two rigid or webbing-mounted attachments that can be connected to two anchors located at

certain seating positions in your vehicle. This system is known as the LATCH (Lower Anchors and Tethers for Children) system. This system may also be referred to as the ISOFIX or ISOFIX compatible system. With this system, you do not have to use a vehicle seat belt to secure the child restraint. Your vehicle is equipped with special anchor points that are used with LATCH system compatible child restraints. Check your child restraint for a label stating that it is compatible with the LATCH system. This information may also be in the child restraint owner's manual. If you have such a child restraint, refer to the illustration for the rear seating positions equipped with LATCH system anchors which can be used to secure the child restraint.

The LATCH system anchors are located at the rear of the seat cushion near the seatback. A label is attached to the seatback to help you locate the LATCH system anchors.

Some child restraints may also require the use of a top tether strap. See "Top tether strap child restraint" later in this section for installation instructions.

When installing a child restraint, carefully

read and follow the instructions in this manual and those supplied with the child restraint.

When you install a LATCH system compatible child restraint to the lower anchor attachments in the rear seat, follow these steps.



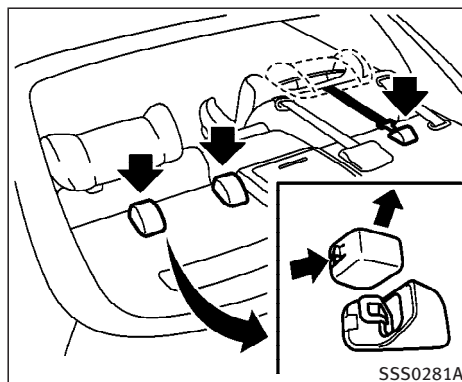
WARNING

Inspect the lower anchors by inserting your fingers into the lower anchor area and feeling to make sure there are no obstructions over the LATCH system anchors, such as seat belt webbing or seat cushion material. The child restraint will not be secured properly if the LATCH system anchors are obstructed.

1. To install the LATCH system compatible child restraint, adjust the height of the child restraint LATCH system anchor attachments to the anchor points on the rear seat.
2. Insert the anchor attachments into the anchor points. If the child restraint is equipped with a top tether, see "Top tether strap child restraint" later in

this section for installation instructions.

3. After attaching the child restraint and before placing the child in it, use force to push the child restraint from side to side and tug it forward to make sure that the child restraint is securely held in place. It should not move more than 1 in (25 mm).
4. Check to make sure that the child restraint is properly secured prior to each use.

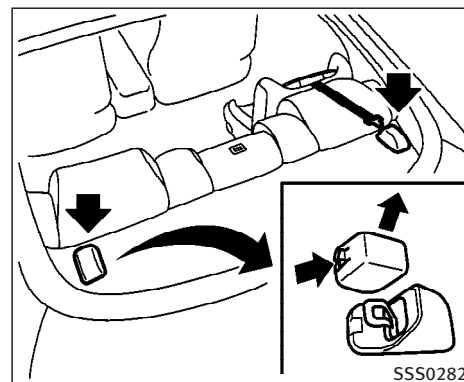


Sedan
TOP TETHER STRAP CHILD RESTRAINT



WARNING

- Child restraint anchor points are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstance are they to be used for adult seat belts or harnesses.



Coupe

- After removing a rear seat head restraint for top tether installation, store it securely to prevent it from causing injury to passengers or damage to the vehicle in case of sudden braking or an accident. Always replace it and adjust properly when top tether is no longer in use.

If your child restraint has a top tether strap, it must be secured to the anchor point provided behind its position.

First, adjust the seatback so that it is upright (if so equipped). Remove the anchor

cover from the anchor point as illustrated. Keep the removed cover in a secure place to prevent loss or damage. Then secure the child restraint with the rear seat belt or the LATCH system (outboard positions), as applicable.

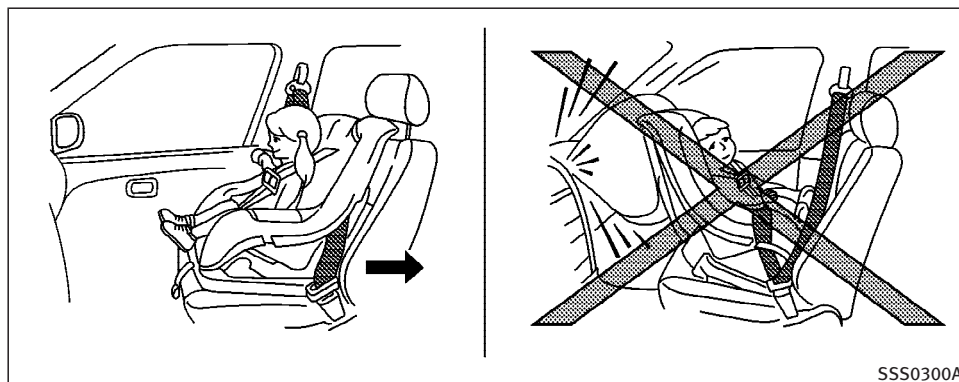
Remove the head restraint from the seatback, if equipped with an adjustable rear head restraint. Store it in a secure place. Position the top tether strap over the top of the seatback and secure it to the tether anchor bracket that provides the straightest installation. Tighten the tether strap according to the manufacturer's instruction to remove any slack.

For best child restraint fit, see the child restraint installation instructions in this section and the child restraint manufacturer's instructions.

Anchor point locations

Anchor points are located on the rear parcel shelf finisher.

If you have any questions when installing a top strap child restraint on the rear seat, consult an INFINITI dealer for details.



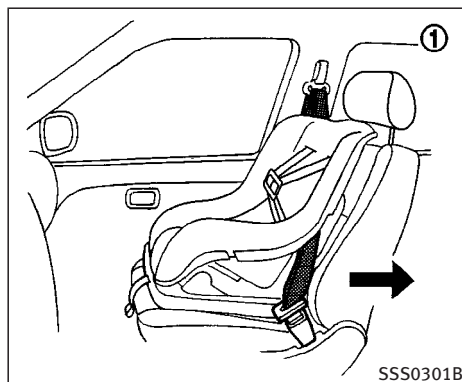
CHILD RESTRAINT INSTALLATION ON FRONT PASSENGER SEAT

WARNING

- **Never install a rear-facing child restraint in the front passenger seat. Supplemental front air bags inflate with great force. A rear-facing child restraint could be struck by the supplemental front air bag in a crash and could seriously injure or kill your child.**

- **INFINITI recommends that child restraints be installed in the rear seat. However, if you must install a front-facing child restraint in the front passenger seat, move the passenger seat to the rearmost position. Also, be sure the front passenger air bag status light is illuminated to indicate the passenger air bag is OFF. See "Front passenger air bag and status light" later in this section for details.**

- A child restraint with a top tether strap should not be used in the front passenger seat.
- The three-point seat belt in your vehicle is equipped with an automatic locking mode retractor which must be used when installing a child restraint.
- Failure to use the retractor's locking mode will result in the child restraint not being properly secured. The restraint could tip over or otherwise be unsecured and cause injury to the child in a sudden stop or collision. Also, it can change the operation of the front passenger air bag. See "Front passenger air bag and status light" later in this section.

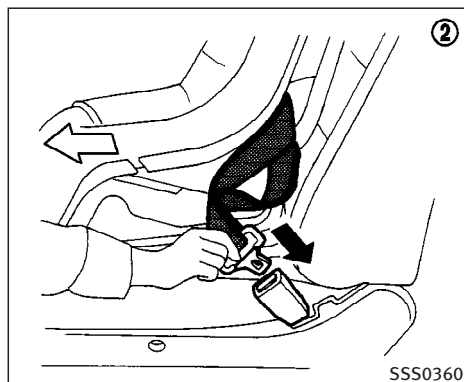


Front-facing

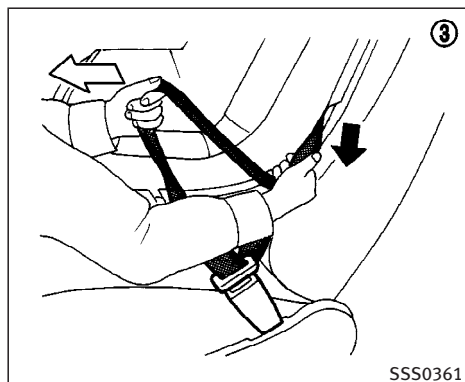
If you must install a child restraint in the front seat, follow these steps:

1. Position the child restraint on the front passenger seat. **It should be placed in a front-facing direction only.** Move the seat to the rearmost position. Adjust the head restraint to its highest position. Always follow the child restraint manufacturer's instructions. **Child restraints for infants must be used in the rear-facing direction and therefore must not be used in the front seat.**

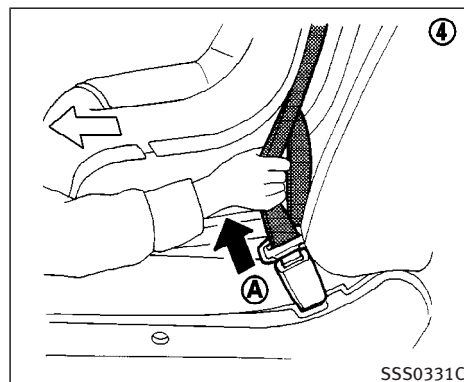
The back of the child restraint should be secured against the vehicle seat-back. If necessary, adjust or remove the head restraint to obtain the correct child restraint fit. See "Head restraint adjustment" earlier in this section. If the head restraint is removed, store it in a secure place. Be sure to install the head restraint when the child restraint is removed. If the seating position does not have an adjustable head restraint and it is interfering with the proper child restraint fit, try another seating position or a different child restraint.



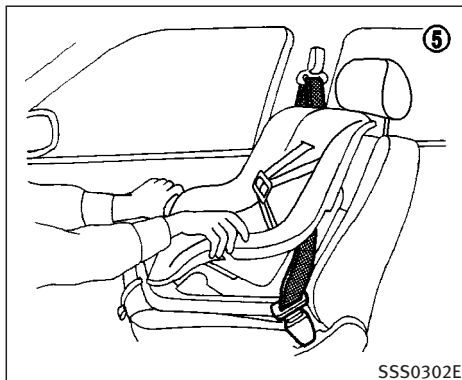
2. Route the seat belt tongue through the child restraint and insert it into the buckle until you hear and feel the latch engage. Be sure to follow the child restraint manufacturer's instructions for belt routing.



3. Pull on the shoulder belt until all of the belt is fully extended. At this time, the belt retractor is in the automatic locking mode (child restraint mode). It reverts back to emergency locking mode when the belt is fully retracted.



4. Allow the seat belt to retract. Pull up **A** on the shoulder belt to remove any slack in the belt.



5. Before placing the child in the child restraint, use force to push the child restraint from side to side, and tug it forward to make sure that it is securely held in place. It should not move more than 1 inch (25 mm). If it does move more than 1 inch (25 mm), pull again on the shoulder belt to further tighten the child restraint. If unable to properly secure the restraint, move the restraint to another rear seating position and try again, or try a different child restraint. Not all child restraints fit in all types of vehicles.

6. Check that the retractor is in the automatic locking mode by trying to pull more belt out of the retractor. If you cannot pull any more belt webbing out of the retractor, the retractor is in the automatic locking mode.
7. Check to make sure that the child restraint is properly secured prior to each use. If the seat belt is not locked, repeat steps 3 through 7.
8. Turn the ignition to the ON position. The passenger air bag status light should say "OFF". If this light is not illuminated, it may indicate a malfunction. Move the child restraint to another seating position. Have the system checked by an INFINITI dealer.

After the child restraint is removed and the seat belt is fully retracted, the automatic locking mode (child restraint mode) will be canceled.

BOOSTER SEATS

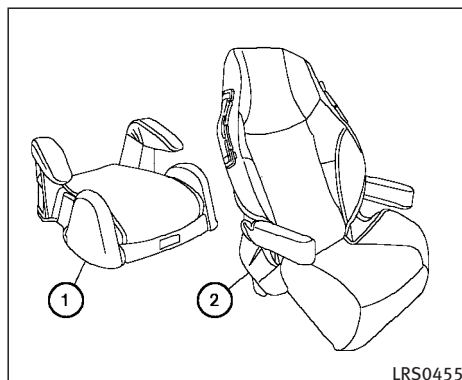
PRECAUTIONS ON BOOSTER SEATS



WARNING

- Infants and small children should always be placed in an appropriate child restraint while riding in the vehicle. Failure to use a child restraint or booster seat can result in serious injury or death.
- Infants and small children should never be carried on your lap. It is not possible for even the strongest adult to resist the forces of a severe accident. The child could be crushed between the adult and parts of the vehicle. Also, do not put the same seat belt around both your child and yourself.
- INFINITI recommends that the booster seat be installed in the rear seat. According to accident statistics, children are safer when properly restrained in the rear seat than in the front seat.

- A booster seat must only be installed in a seating position that has a lap/shoulder belt. Failure to use a three-point type seat belt with a booster seat can result in a serious injury in sudden stop or collision.
- An improperly installed booster seat could lead to serious injury or death in an accident.



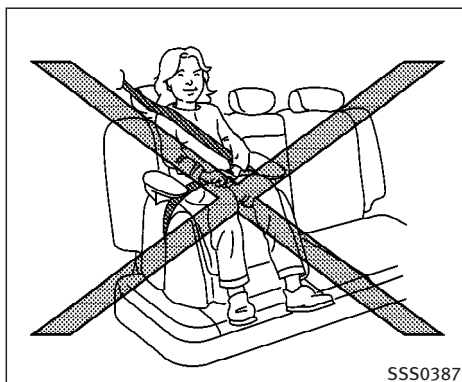
WARNING

Do not use towels, books, pillows or other items in place of a booster seat. Items such as these may move during normal driving or a collision and result in serious injury or death. Booster seats are designed to be used with a lap/shoulder belt. Booster seats are designed to properly route the lap and shoulder portions of the seat belt over the strongest portions of a

child's body to provide the maximum protection during a collision.

Booster seats of various sizes are offered by several manufacturers. When selecting any booster seat, keep the following points in mind:

- Choose only a booster seat with a label certifying that it complies with Federal Motor Vehicle Safety Standard 213 or Canadian Motor Vehicle Safety Standard 213.
- Check the booster seat in your vehicle to be sure it is compatible with the vehicle's seat and seat belt system.



SSS0387



SSS0388

- Make sure the child's head will be properly supported by the booster seat or vehicle seat. The seatback must be at or above the center of the child's ears. For example, if a low back booster seat ① is chosen, the vehicle seatback must be at or above the center of the child's ears. If the seatback is lower than the center of the child's ears, a high back booster seat ② should be used.
- If the booster seat is compatible with your vehicle, place your child in the booster seat and check the various adjustments to be sure the booster

seat is compatible with your child. Always follow all recommended procedures.

All U.S. states and provinces of Canada require that infants and small children be restrained in an approved child restraint at all times while the vehicle is being operated.



WARNING

- Improper use of a booster seat can increase the risk or severity of injury for both the child and other occupants of the vehicle.
- Follow all of the booster seat manufacturer's instructions for installation and use. When purchasing a booster seat, be sure to select one which will fit your child and vehicle. It may not be possible to properly install some types of booster seats in your vehicle.
- If the booster seat and seat belt are not used properly, the risk of a child being injured in a collision or a sudden stop greatly increases.

- Adjustable seatbacks should be positioned to fit the booster seat, but as upright as possible.
- After placing the child in the booster seat and fastening the seat belt, make sure the shoulder portion of the belt is away from the child's face and neck and the lap portion of the belt does not cross the abdomen.
- Do not put the shoulder belt behind the child or under the child's arm. If you must install a booster seat in the front seat, see "Booster seat installation on front passenger seat" later in this section.
- When your booster seat is not in use, keep it secured with a seat belt to prevent it from being thrown around in case of a sudden stop or accident.



CAUTION

Remember that a booster seat left in a closed vehicle can become very hot. Check

the seating surface and buckles before placing your child in the booster seat.



SSS0389

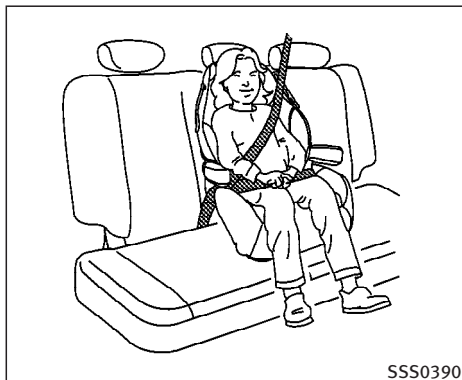
Outboard position BOOSTER SEAT INSTALLATION ON REAR SEAT CENTER OR OUTBOARD POSITIONS



CAUTION

Do not use the lap/shoulder belt automatic locking mode when using a booster seat with the seat belts. When you install a booster seat in the rear seat, follow these steps:

1. Position the booster seat on the seat.



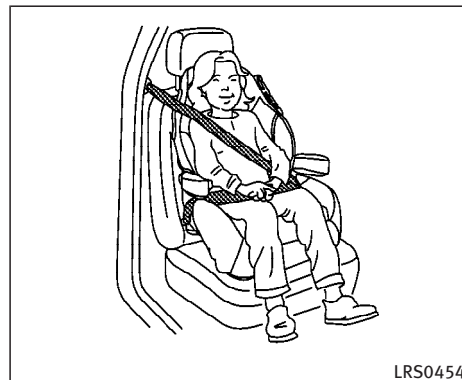
Center position

Only place it in a front-facing direction. Always follow the booster seat manufacturer's instructions.

2. The booster seat should be positioned on the vehicle seat so that it is stable. If necessary, adjust or remove the head restraint to obtain the correct booster seat fit. See "Head restraint adjustment" earlier in this section. If the head restraint is removed, store it in a secure place. Be sure to install the head restraint when the booster seat is removed. If the seating position does not have an adjustable head restraint and it is interfering with the

proper booster seat fit, try another seating position or a different booster seat.

3. Position the lap portion of the seat belt low and snug on the child's hips. Be sure to follow the booster seat manufacturer's instructions for adjusting the belt routing.
4. Pull the shoulder belt portion of the seat belt toward the retractor to take up extra slack. Be sure the shoulder belt is positioned across the top, middle portion of the child's shoulder. Be sure to follow the booster seat manufacturer's instructions for adjusting the belt routing.
5. Follow the warnings, cautions and instructions for properly fastening a seat belt shown in the "THREE-POINT TYPE SEAT BELTS" earlier in this section.



BOOSTER SEAT INSTALLATION ON FRONT PASSENGER SEAT



WARNING

INFINITI recommends that child restraints be installed in the rear seat. However, if you must install a booster seat in the front passenger seat, move the passenger seat to the rearmost position.

If you must install a booster seat in the front seat, follow these steps:

1. Move the seat to the rearmost position.
2. Position the booster seat on the seat. Only place it in a front-facing direction. Always follow the booster seat manufacturer's instructions.
3. The booster seat should be positioned on the vehicle seat so that it is stable. If necessary, adjust or remove the head restraint to obtain the correct booster seat fit. See "Head restraint adjustment" earlier in this section. If the head restraint is removed, store it in a secure place. Be sure to install the head restraint when the booster seat is removed. If the seating position does not have an adjustable head restraint and it is interfering with the proper booster seat fit, try another seating position or a different booster seat.
4. Position the lap portion of the seat belt low and snug on the child's hips. Be sure to follow the booster seat manufacturer's instructions for adjusting the belt routing.
5. Pull the shoulder belt portion of the seat belt toward the retractor to take up extra slack. Be sure the shoulder

belt is positioned across the top, middle portion of the child's shoulder. Be sure to follow the booster seat manufacturer's instructions for adjusting the belt routing.

6. Follow the warnings, cautions and instructions for properly fastening a seat belt shown in the "THREE-POINT TYPE SEAT BELT WITH RETRACTOR" earlier in this section.

SUPPLEMENTAL RESTRAINT SYSTEM

PRECAUTIONS ON SUPPLEMENTAL RESTRAINT SYSTEM

This Supplemental Restraint System (SRS) section contains important information concerning the driver and passenger front impact supplemental air bags (INFINITI Air Bag System), front seat side-impact supplemental air bags, curtain air bags and front seat pre-tensioner seat belts.

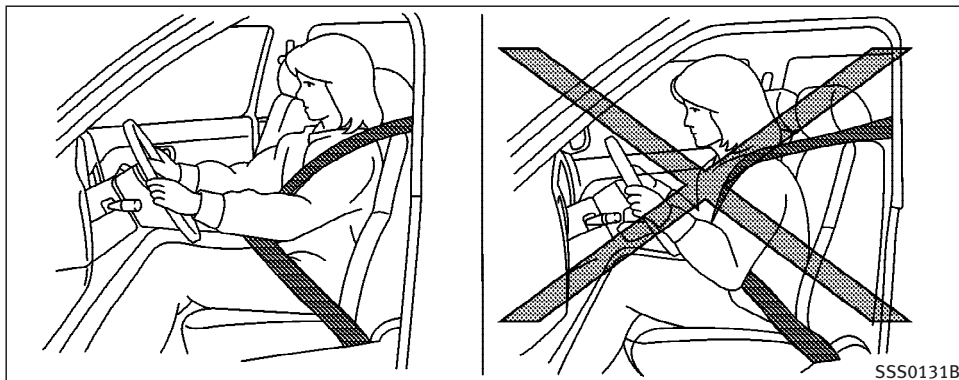
Supplemental front impact air bag system: The INFINITI air bag system can help cushion the impact force to the head and chest of the driver and front passenger in certain frontal collisions.

Supplemental side-impact air bag system: This system can help cushion the impact force to the chest area of the driver and front passenger in certain side impact collisions. The front seat side-impact supplemental air bags are designed to inflate on the side where the vehicle is impacted.

Supplemental curtain side-impact air bag system: This system can help cushion the impact force to the head of occupants in front and rear outboard seating positions in certain side impact collisions. The curtain side-impact air bags are designed to inflate on the side where the vehicle is impacted.

These supplemental restraint systems are designed to **supplement** the crash protection provided by the driver and passenger seat belts and are **not a substitute** for them. Seat belts should always be correctly worn and the occupant seated a suitable distance away from the steering wheel, instrument panel and door finishers. (See “Seat belts” earlier in this section for instructions and precautions on seat belt usage.)

After turning the ignition switch to the ON position, the supplemental air bag warning light illuminates. The supplemental air bag warning light will turn off after about 7 seconds if the systems are operational.



WARNING

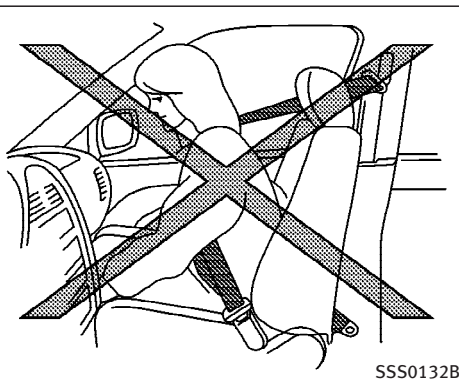
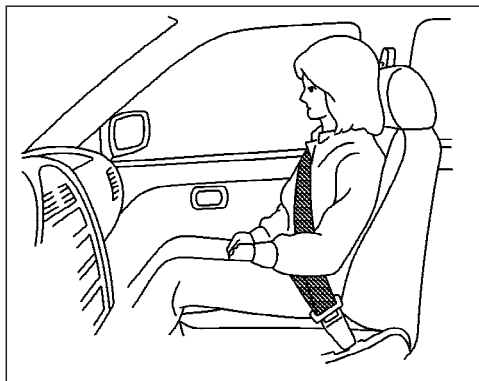
- The supplemental front air bags ordinarily will not inflate in the event of a side impact, rear impact, rollover, or lower severity frontal collision. Also, the front passenger air bag will not inflate if the passenger air bag status light is lit. Always wear your seat belts to help reduce the risk or severity of injury in various kinds of accidents.

- The seat belts and the supplemental front air bags are most effective when you are sitting well back and upright in the seat. Supplemental front air bags inflate with great force. Even with the INFINITI air bag system, if you are unrestrained, leaning forward, sitting sideways or out of position in any way, you are at greater risk of injury or death in a crash. You may also receive serious or fatal injuries from the supplemental front air bag if you are up

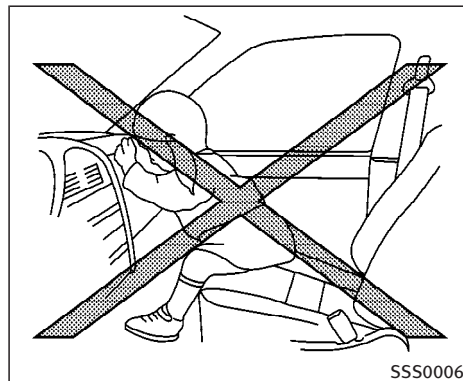
against it when it inflates. Always sit back against the seatback and as far away as practical from the steering wheel or instrument panel. Always use the seat belts.

- The driver and front passenger seat belt buckles are equipped with sensors that detect if the seat belts are fastened. The air bag system monitors the severity of a collision and seat belt usage then inflates the air bags. Failure to properly wear seat belts can increase the risk or severity of injury in an accident.
- The front passenger seat is equipped with an occupant classification sensor (weight sensor) that turns the front passenger air bag OFF under some conditions. This sensor is only used in this seat. Failure to be properly seated and wearing the seat belt can increase the risk or severity of injury in an accident. See “Front Passenger air bag and status light” later in this section.

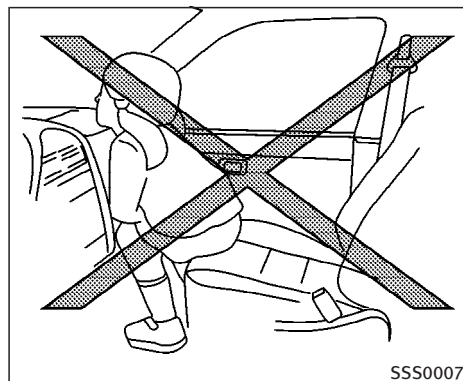
- Keep hands on the outside of the steering wheel. Placing them inside the steering wheel rim could increase the risk that they are injured when the supplemental front air bag inflates.



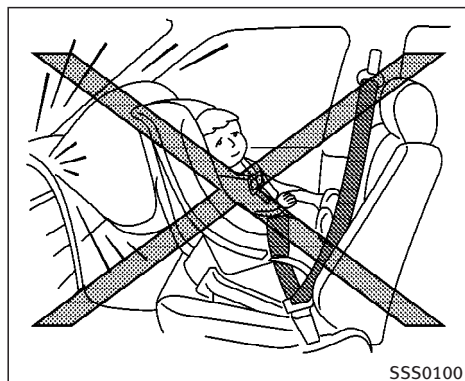
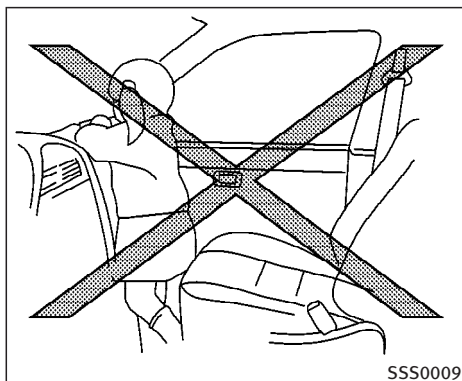
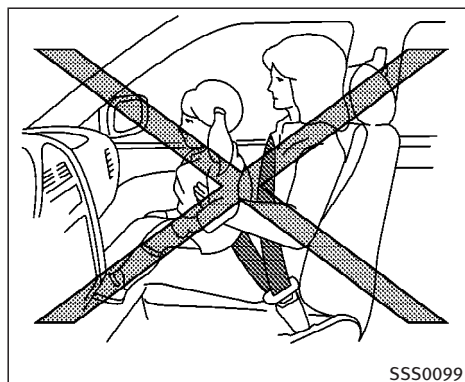
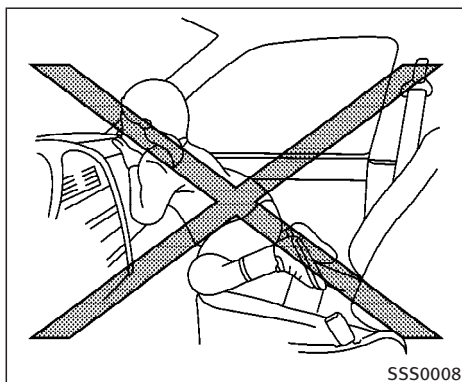
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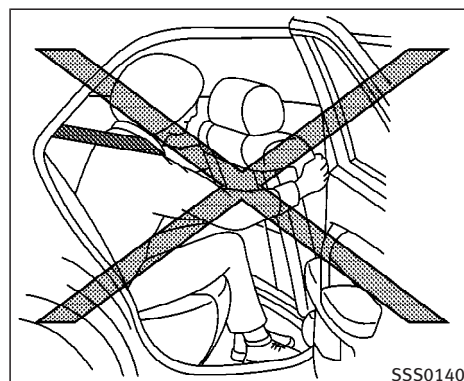
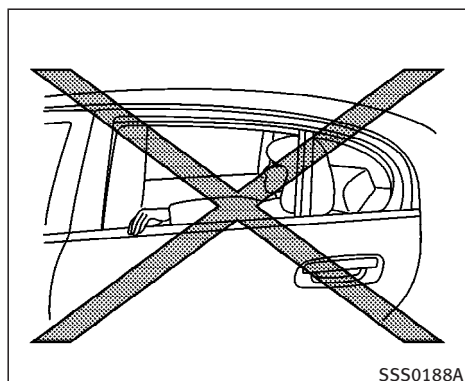
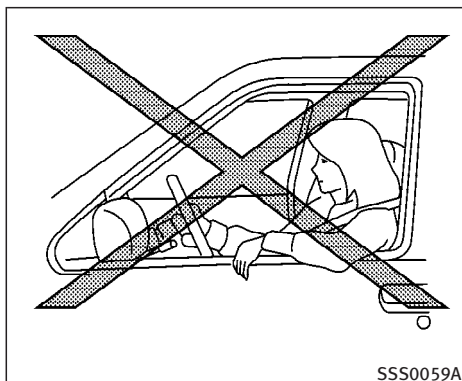


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WARNING

- Never let children ride unrestrained or extend their hands or face out of the window. Do not attempt to hold them in your lap or arms. Some examples of dangerous riding positions are shown in the previous illustrations.
- Children may be severely injured or killed when the supplemental front air bags, side air bags or curtain side-impact air bags inflate if they are not properly restrained. Pre-teens and children should be properly restrained in the rear seat, if possible.
- Even with the INFINITI Air Bag System, never install a rear-facing child restraint in the front seat. An inflating supplemental front air bag could seriously injure or kill your child. For additional information, see “Child restraints” earlier in this section.



WARNING

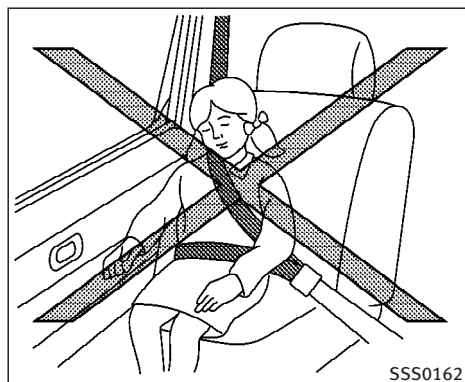
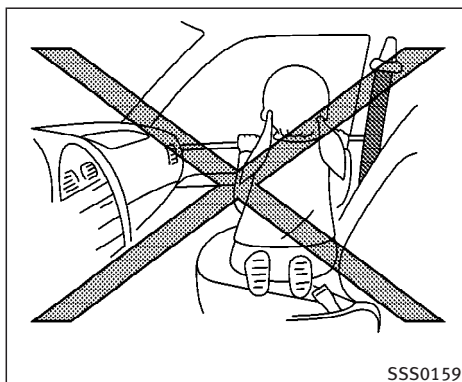
Supplemental side air bag and curtain side-impact air bag:

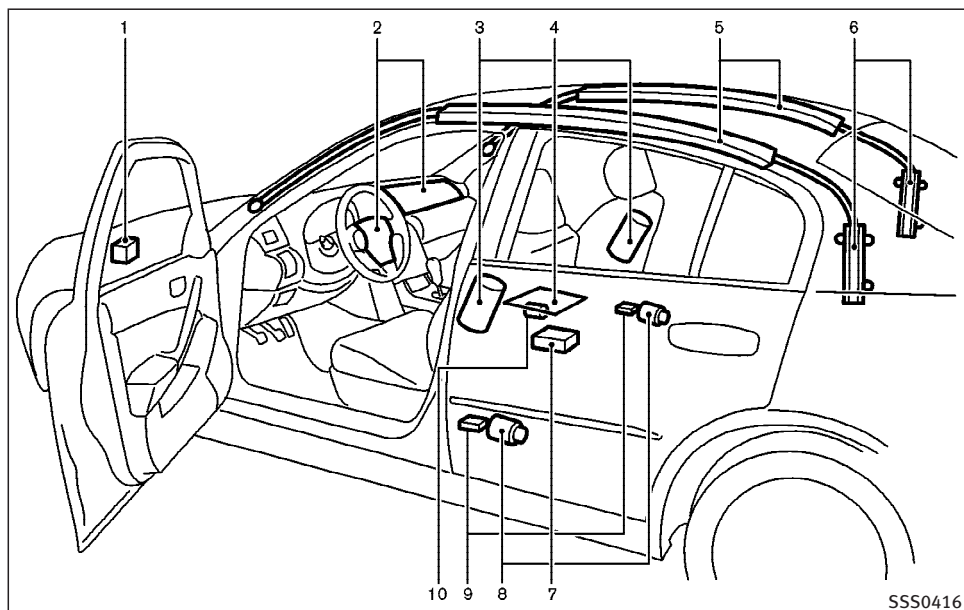
- The supplemental side air bag and curtain side-impact air bag ordinarily will not inflate in the event of a frontal impact, rear impact, rollover or lower severity side collision. Always wear your seat belts to help reduce the risk or severity of injury in various kinds of accidents.

- The seat belts, the supplemental side air bags and curtain side-impact air bags are most effective when you are sitting well back and upright in the seat. The side air bag and curtain side-impact air bag inflate with great force. Do not allow anyone to place their hand, leg or face near the side air bag on the side of the seatback of the front seat or near the side roof rails. Do not allow anyone sitting in the front seats or rear outboard seats to extend their

hand out of the window or lean against the door. Some examples of dangerous riding positions are shown in the previous illustrations.

- When sitting in the rear seat, do not hold onto the seatback of the front seat. If the side air bag inflates, you may be seriously injured. Be especially careful with children, who should always be properly restrained.
- Do not use seat covers on the front seatbacks. They may interfere with supplemental side air bag inflation.





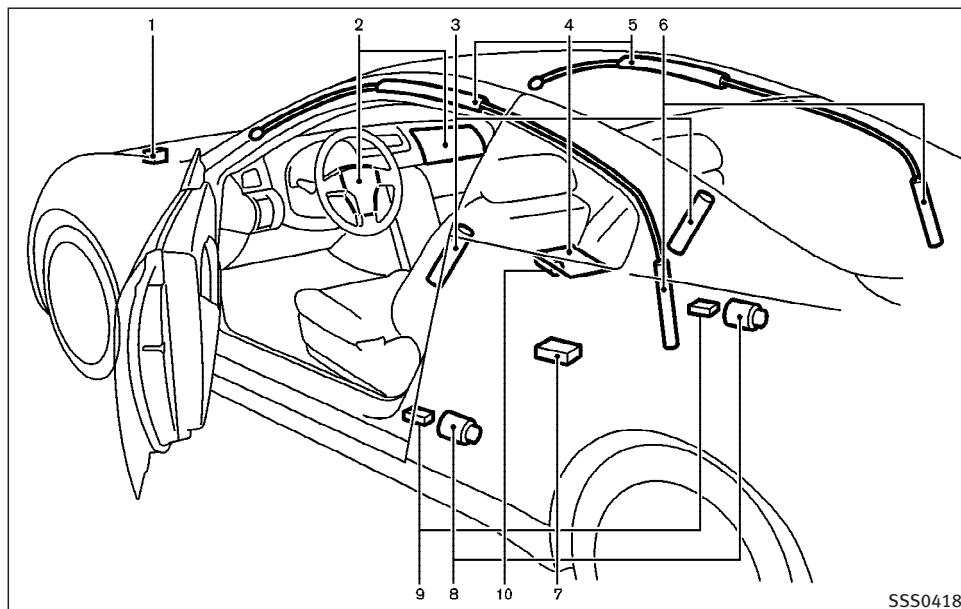
- 7. Diagnosis sensor unit
- 8. Seat belt pre-tensioner
- 9. Satellite sensors
- 10. Occupant classification system control unit

Sedan

INFINITI air bag system (front seats)

- 1. Crash zone sensor
- 2. Supplemental front air bag modules
- 3. Supplemental side air bag modules

- 4. Occupant classification sensor
- 5. Supplemental curtain side-impact air bags
- 6. Supplemental curtain side-impact air bag modules



Coupe

This vehicle is equipped with the INFINITI air bag system for the driver and front passenger seats. This system is designed to meet certification requirements under U.S. regulations. It is also permitted in Canada. **However, all of the in-**

formation, cautions and warnings in this manual still apply and must be followed. The driver supplemental air bag is located in the center of the steering wheel; the front passenger supplemental air bag is mounted in the instrument panel above

the glove box. The front air bags are designed to inflate in higher severity frontal collisions, although they may inflate if the forces in another type of collision are similar to those of a higher severity frontal impact. They may not inflate in certain frontal collisions. Vehicle damage (or lack of it) is not always an indication of proper supplemental air bag operation.

The INFINITI air bag system has dual stage inflators for both the driver and passenger air bags. The system monitors information from the crash zone sensor, the diagnosis sensor unit, seat belt buckle switches, occupant classification sensor (weight sensor) and passenger seat belt tension sensor. Inflator operation is based on the severity of a collision and whether the seat belts are being used. For the front passenger, it additionally monitors the weight of an occupant or object on the seat and seat belt tension. Based on information from the sensors, only one front air bag may inflate in a crash, depending on the crash severity and whether the front occupants are belted or unbelted. Additionally, the front passenger air bag may be automatically turned OFF under some conditions, de-

pending on the weight detected on the passenger seat and how the seat belt is used. If the front passenger air bag is OFF, the passenger air bag status light will be illuminated. See “Front passenger air bag and status light” later in this section for further details. One front air bag inflating does not indicate improper performance of the system. If you have any questions about the performance of your air bag system, please contact an INFINITI dealer.

When the supplemental front air bag inflates, a fairly loud noise may be heard, followed by release of smoke. This smoke is not harmful and does not indicate a fire. Care should be taken not to inhale it, as it may cause irritation and choking. Those with a history of a breathing condition should get fresh air promptly.

Supplemental front air bags, along with the use of seat belts, help to cushion the impact force on the face and chest of the front occupants. They can help save lives and reduce serious injuries. However, an inflating front air bag may cause facial abrasions or other injuries. Front air bags do not provide restraint to the lower body.

Even with INFINITI air bags, seat belts should be correctly worn and the driver and passenger seated upright as far as practical away from the steering wheel or instrument panel. The supplemental front air bags inflate quickly in order to help protect the front occupants. Because of this, the force of the front air bag inflating can increase the risk of injury if the occupant is too close to, or is against the air bag module during inflation. The air bag will deflate quickly after a collision. **The supplemental front air bags operate only when the ignition switch is in the ON or START position.**

After turning the ignition switch to the ON position, the supplemental air bag warning light illuminates. The supplemental air bag warning light will turn off after about 7 seconds if the system is operational.



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Front passenger air bag status light

Front passenger air bag and status light:



WARNING

The front passenger air bag is designed to automatically turn OFF under some conditions. Read this section carefully to learn how it operates. Proper use of the seat, seat belt and child restraints is necessary for most effective protection. Failure to follow all instructions in this manual concerning the use of seats, seat belts and child

restraints can increase the risk or severity of injury in an accident.

The right front passenger air bag status light is located in the center display. The light operates as follows:

Unoccupied passenger seat or when other conditions are met as outlined in this section: The light illuminates to indicate that the front passenger air bag is OFF and will not inflate in a crash.

Occupied passenger seat and the passenger meets the conditions outlined in this section: The light does not illuminate to indicate that the front passenger air bag is operational.

Front passenger air bag:

The front passenger air bag is designed to automatically turn OFF when the vehicle is operated under some conditions as described below as permitted by U.S. regulations. If the front passenger air bag is OFF, it will not inflate in a crash. The driver air bag and other air bags in your vehicle are not part of this system.

The purpose of the regulation is to help reduce the risk of injury or death from an

inflating air bag to certain front passenger seat occupants, such as children, by requiring the air bag to be automatically turned OFF. Certain sensors are used to meet the requirements.

One sensor used is the occupant classification sensor (weight sensor). It is in the bottom of the front passenger seat cushion and is designed to detect an occupant and objects on the seat by weight. It works together with seat belt sensors described later. For example, if a child is in the front passenger seat, the air bag system is designed to turn the passenger air bag OFF. Also, if a child restraint of the type specified in the regulations is on the seat, its weight and the child's weight can be detected and cause the air bag to turn OFF. Weight sensor operation can vary depending on the front passenger seat belt sensors.

The front passenger seat belt sensors are designed to detect if the seat belt is buckled and the amount of tension on the seat belt, such as when it is in the automatic locking mode (child restraint mode). Based on the weight on the seat detected by the weight sensor and the belt tension detected on the seat belt, the air bag system determines whether the front passen-

ger air bag should be automatically turned OFF.

Front passenger seat adult occupants who are properly seated and using the seat belt as outlined in this manual should not cause the passenger air bag to be automatically turned OFF. For small adults it may be turned OFF. Also, if the occupant takes his/her weight off the seat cushion (for example, by not sitting upright, by sitting on an edge of the seat, or by otherwise being out of position), this could cause the sensor to turn the air bag OFF. In addition, if the occupant improperly uses the seat belt in the automatic locking mode (child restraint mode), this could cause the air bag to be turned OFF. Always be sure to be seated and wearing the seat belt properly for the most effective protection by the seat belt and supplemental air bag.


INFINITI recommends that pre-teens and children be properly restrained in a rear seat. INFINITI also recommends that appropriate child restraints and booster seats be properly installed in a rear seat. If this is not possible, the weight sensor and seat belt sensors are designed to operate as described above to turn the front passenger air bag OFF for specified child

restraints. Failing to properly secure child restraints and to use the automatic locking mode (child restraint mode) may allow the restraint to tip or move in an accident or sudden stop. This can also result in the passenger air bag inflating in a crash instead of being OFF. See “Child restraints” later in this section for proper use and installation.

If the front passenger seat is not occupied, the passenger air bag is designed not to inflate in a crash. However, heavy objects placed on the seat could result in air bag inflation, because of the object’s weight detected by the weight sensor. Other conditions could also result in air bag inflation, such as if a child is standing on the seat, or if two children are on the seat, contrary to the instructions in this manual. Always be sure that you and all vehicle occupants are seated and restrained properly.

Using the passenger air bag status light, you can monitor when the front passenger air bag is automatically turned OFF. The light will illuminate (indicating the air bag is OFF and will not inflate) when the front passenger seat is not occupied.

If an adult occupant is in the seat and the passenger air bag status light is illuminated (indicating that the air bag is OFF), it could be that the person is a small adult, or is not sitting on the seat or not using the seat belt properly. If a child restraint must be used in the front seat, but the status light is not lit (indicating that the air bag might inflate in a crash), it could be that the child restraint or seat belt is not being used properly. If such situations happen, properly position and restrain the occupant or child restraint. Otherwise reposition the occupant or child restraint in a rear seat.

If a malfunction occurs in the front passenger air bag system, the supplemental air bag warning light , located in the meter and gauges area will blink. Have the system checked by an INFINITI dealer.

Other supplemental front air bag precautions:



WARNING

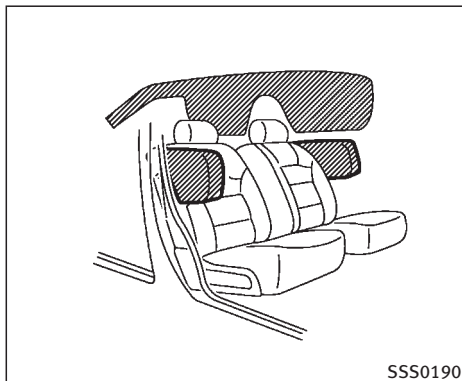
- Do not place any objects on the steering wheel pad or on the instrument panel. Also, do not place any objects between any occupant and the steering wheel or instrument panel. Such objects may become dangerous projectiles and cause injury if the supplemental front air bag inflates.
- Immediately after inflation, several front air bag system components will be hot. Do not touch them; you may severely burn yourself.
- No unauthorized changes should be made to any components or wiring of the supplemental air bag system. This is to prevent accidental inflation of the supplemental air bag or damage to the supplemental air bag system.
- Do not make unauthorized changes to your vehicle’s electrical system, suspension system or front end structure.

This could affect proper operation of the supplemental front air bag system.

- Tampering with the supplemental front air bag system may result in serious personal injury. Tampering includes changes to the steering wheel and the instrument panel assembly by placing material over the steering wheel pad and above the instrument panel or by installing additional trim material around the air bag system.
- Modifying or tampering with the front passenger seat may result in serious personal injury. For example, do not change the front seats by placing material on the seat cushion or by installing additional trim material, such as seat covers, on the seat. Additionally, do not stow any objects under the front passenger seat or the seat cushion and seatback. Such objects may interfere with the proper operation of the occupant classification system (weight sensor).

- No unauthorized changes should be made to any components or wiring of the seat belt system. This may affect the supplemental front air bag system. Tampering with the seat belt system may result in serious personal injury.
- Work around and on the supplemental front air bag system should be done by an INFINITI dealer. Installation of electrical equipment should also be done by an INFINITI dealer. The yellow and orange Supplemental Restraint System (SRS) wiring and connectors should not be modified or disconnected. Unauthorized electrical test equipment and probing devices should not be used on the air bag system.
- A cracked windshield should be replaced immediately by a qualified repair facility. A cracked windshield could affect function of the supplemental air bag system.
- The SRS wiring harness connectors are yellow and orange for easy identification.

When selling your vehicle, we request that you inform the buyer about the supplemental front air bag system and guide the buyer to the appropriate sections in this Owner's Manual.



Supplemental side air bag and curtain side-impact air bag systems

The supplemental side air bags are located in the outside of the seatback of the front seats. The supplemental curtain side-impact air bags are located in the side roof rails. These systems are designed to meet voluntary guidelines to help reduce the risk of injury to out-of-position occupants. **However, all of the information, cautions and warnings in this manual still apply and must be followed.** The supplemental side air bags

and curtain side-impact air bags are designed to inflate in higher severity side collisions on the side of the vehicle impacted, although they may inflate if the forces in another type of collision are similar to those of a higher severity side impact. They are designed to inflate on the side where the vehicle is impacted. They may not inflate in certain side collisions. Vehicle damage (or lack of it) is not always an indication of proper supplemental side air bag and curtain side-impact air bag operation.

When the supplemental side air bag and curtain side-impact air bag inflate, a fairly loud noise may be heard, followed by release of smoke. This smoke is not harmful and does not indicate a fire. Care should be taken not to inhale it, as it may cause irritation and choking. Those with a history of a breathing condition should get fresh air promptly.

Supplemental side air bags, along with the use of seat belts, help to cushion the impact force on the chest of the front occupants. Curtain side-impact air bags help to cushion the impact force to the head of occupants in the front and rear outboard seating positions. They can help save lives and reduce serious injuries. However, an inflating side air bag and

curtain side-impact air bag may cause abrasions or other injuries. Supplemental side air bags and curtain side-impact air bags do not provide restraint to the lower body.

The seat belts should be correctly worn and the driver and passenger seated up-right as far as practical away from the side air bag. Rear seat passengers should be seated as far away as practical from the door finishers and side roof rails. The side air bags and curtain side-impact air bag inflate quickly in order to help protect the front occupants. Because of this, the force of the side air bag and curtain side-impact air bag inflating can increase the risk of injury if the occupant is too close to, or is against, these air bag modules during inflation. The side air bag and curtain side-impact air bag will deflate quickly after the collision is over.

After turning the ignition switch to the ON position, the supplemental air bag warning light illuminates. The air bag warning light will turn off after about 7 seconds if the systems are operational.



WARNING

- Do not place any objects near the seatback of the front seats. Also, do not place any objects (an umbrella, bag, etc.) between the front door finisher and the front seat. Such objects may become dangerous projectiles and cause injury if the side air bag inflates.
- Right after inflation, several side air bag and curtain side-impact air bag system components will be hot. Do not touch them; you may severely burn yourself.
- No unauthorized changes should be made to any components or wiring of the side air bag and curtain side-impact air bag system. This is to prevent accidental inflation of the side air bag and curtain side-impact air bag or damage to the side air bag and curtain side-impact air bag system.
- Do not make unauthorized changes to your vehicle's electrical system, suspension system or side panel. This

could affect proper operation of the supplemental side air bag and curtain side-impact air bag system.

- Tampering with the supplemental system may result in serious personal injury. For example, do not change the front seats by placing material near the seatback or by installing additional trim material, such as seat covers, around the side air bag.
- Work around and on the side air bag and curtain side-impact air bag system should be done by an INFINITI dealer. Installation of electrical equipment should also be done by an INFINITI dealer. The SRS wiring harnesses* should not be modified or disconnected. Unauthorized electrical test equipment and probing devices should not be used on the side air bag system.

* The SRS wiring harnesses are covered with yellow insulation either just before the harness connectors or over the complete harness for easy identification.

When selling your vehicle, we request that you inform the buyer about the side air bag and curtain side-impact air bag system and guide the buyer to the appropriate sections in this Owner's Manual.

Pre-tensioner seat belt system (For front seats)



WARNING

- The pre-tensioner seat belt cannot be reused after activation. It must be replaced together with the retractor and buckle as a unit.
- If the vehicle becomes involved in a frontal collision but the pre-tensioner is not activated, be sure to have the pre-tensioner system checked and, if necessary, replaced by an INFINITI dealer.
- No unauthorized changes should be made to any components or wiring of the pre-tensioner seat belt system. This is to prevent accidental activation of the pre-tensioner seat belt or damage

to the pre-tensioner seat belt operation. Tampering with the pre-tensioner seat belt system may result in serious personal injury.


- Work around and on the pre-tensioner system should be done by an **INFINITI** dealer. Installation of electrical equipment should also be done by an **INFINITI** dealer. Unauthorized electrical test equipment and probing devices should not be used on the pre-tensioner seat belt system.
- If you need to dispose of the pre-tensioner or scrap the vehicle, contact an **INFINITI** dealer. Correct pre-tensioner disposal procedures are set forth in the appropriate **INFINITI** Service Manual. Incorrect disposal procedures could cause personal injury.

The front seat pre-tensioner seat belt system activates in conjunction with the front supplemental air bag systems. Working with the seat belt retractor, it helps tighten the seat belt when the vehicle becomes involved in certain types of collisions,

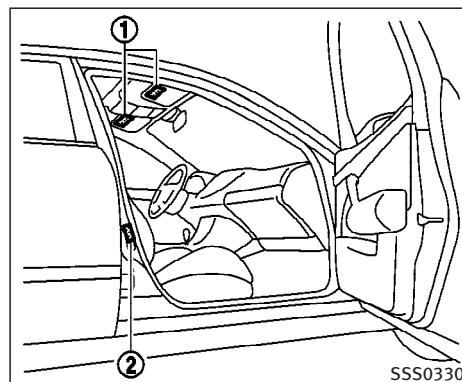
helping to restrain front seat occupants.

The pre-tensioner is encased with the seat belt's retractor. These seat belts are used the same as conventional seat belts.

When the pre-tensioner seat belt activates, smoke is released and a loud noise may be heard. The smoke is not harmful, but care should be taken not to inhale it as it may cause irritation and choking. Those with a history of a breathing condition should get fresh air promptly.

If any abnormality occurs in the pre-tensioner seat belt system, the supplemental air bag warning light  will not come on, will flash intermittently or will turn on for 7 seconds and remain on after the ignition switch has been turned to the ON or START position. In this case, the pre-tensioner seat belt may not function properly. They must be checked and repaired. Take your vehicle to an **INFINITI** dealer.

When selling your vehicle, we request that you inform the buyer about the pre-tensioner seat belt system and guide the buyer to the appropriate sections in this Owner's Manual.




SUPPLEMENTAL AIR BAG WARNING LABELS

Warning labels about the supplemental air bag system are placed in the vehicle as shown in the illustration.

- ① **SRS air bag**
The warning labels are located on the surface of the sun visors.
- ② **SRS side-impact air bag**
The warning label is located on the side of the passenger's side center pillar.



SUPPLEMENTAL AIR BAG WARNING LIGHT

The supplemental air bag warning light, displaying  in the instrument panel, monitors the circuits of the supplemental front air bag, supplemental side air bag and curtain side-impact air bag systems, and pre-tensioner seat belt. The circuits monitored by the air bag warning light are the diagnosis sensor unit, satellite sensors, crash zone sensor, front air bag modules, side air bag modules, curtain side-impact air bag modules, pre-tensioner seatbelt and all related wiring.

After turning the ignition switch to the ON position, the supplemental air bag warning light illuminates. The supplemental air bag warning light will turn off after about 7 seconds if the system is operational.

If any of the following conditions occur, the supplemental front air bag, supplemental side air bag and curtain side-impact air bag systems, and pre-tensioner seat belt need servicing:

- The supplemental air bag warning light remains on after approximately 7 seconds.
- The supplemental air bag warning light flashes intermittently.
- The supplemental air bag warning light does not come on at all.

Under these conditions, the supplemental front air bags, supplemental side air bags, curtain side-impact air bags and/or pre-tensioner seat belt may not operate properly. They must be checked and repaired. Take your vehicle to an INFINITI dealer.



WARNING

If the supplemental air bag warning light is on, it could mean that the supplemental front air bag, supplemental side air bag, curtain side-impact air bag systems and/or pre-tensioner seat belt systems will not operate in an accident. To help avoid injury to yourself or others, have your vehicle checked by an INFINITI dealer as soon as possible.

Repair and replacement procedure

The supplemental front air bags, supplemental side air bags, curtain side-impact air bags and pre-tensioner seat belts are designed to activate on a one-time-only basis. As a reminder, unless it is damaged, the supplemental air bag warning light will remain illuminated after inflation has occurred. Repair and replacement of these systems should be done only by an INFINITI dealer.

When maintenance work is required on the vehicle, the supplemental front air bags, side air bags, curtain side-impact air bags, related parts and pre-tensioner

seat belt should be pointed out to the person conducting the maintenance. The ignition switch should always be in the LOCK position when working under the hood or inside the vehicle.



WARNING

- Once a supplemental front air bag, supplemental side air bag or curtain side-impact air bag has inflated, the air bag module will not function again and must be replaced. Additionally, if any of the supplemental front air bags inflate, the activated pre-tensioner seat belts must also be replaced. The air bag module and pre-tensioner seat belt system should be replaced by an INFINITI dealer. The air bag module and pre-tensioner seat belt system cannot be repaired.
- The supplemental front air bag, side air bag and curtain side-impact air bag systems, and the pre-tensioner seat belt system should be inspected by an INFINITI dealer if there is any damage to the front end or side portion of the vehicle.

- If you need to dispose of these supplemental systems or scrap the vehicle, contact an INFINITI dealer.

Correct disposal procedures are set forth in the appropriate INFINITI Service Manual. Incorrect disposal procedures could cause personal injury.

MEMO

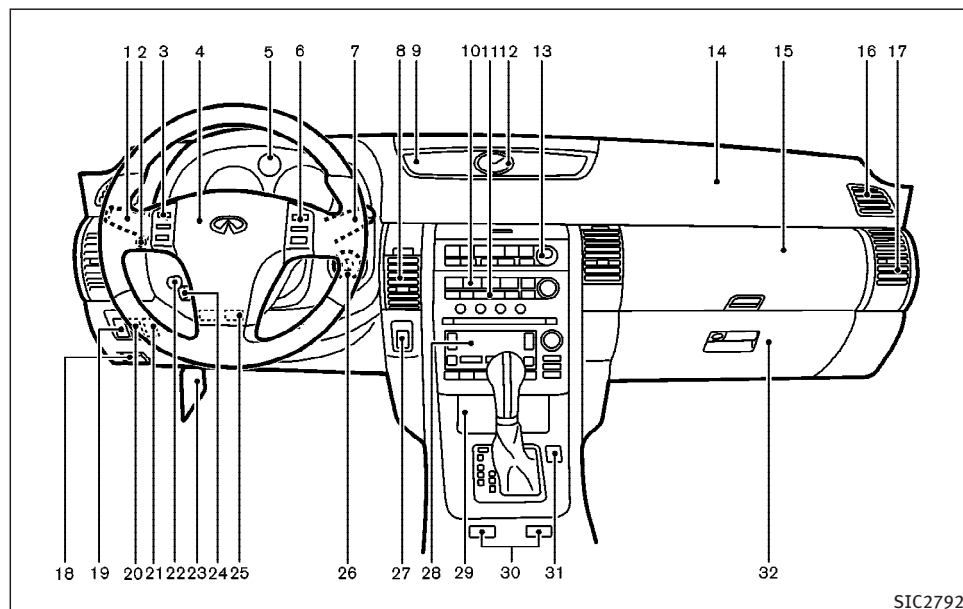
2 Instruments and controls

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INSTRUMENT PANEL



1. Headlight, fog light and turn signal switch
2. Security indicator
3. Steering switch for audio control
4. Driver supplemental air bag/Horn
5. Meters/gauges
6. Cruise control main/set switch

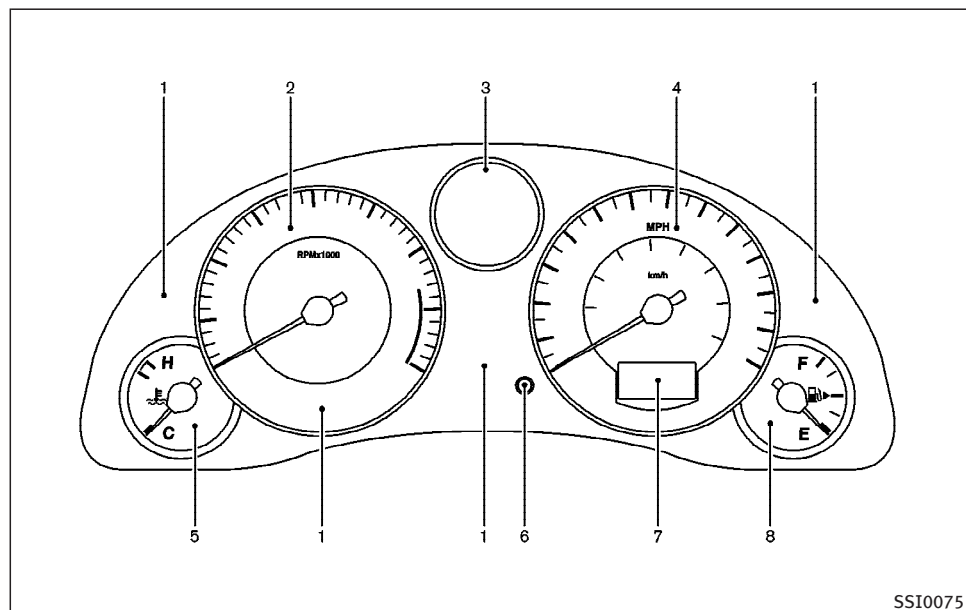
7. Windshield wiper/washer switch
8. Center ventilator
9. Center display - Compass, Air conditioner, Ambient temperature, Passenger air bag status light

10. Rear window and outside mirror defogger switch
11. Heater/air conditioner control
12. Clock
13. Navigation system* (if so equipped)
14. Passenger supplemental air bag
15. Upper glove box (except for Navigation system equipped models)
16. Side window defogger
17. Side ventilator
18. Hood lock release handle
19. Trunk lid release switch
20. VDC (Vehicle Dynamic Control) OFF switch
21. Instrument brightness control switch
22. Outside mirror remote control
23. Fuse box
24. Automatic steering column control (if so equipped)
25. Manual steering column control
26. Ignition switch/steering lock
27. Snow mode switch (if so equipped)
28. Radio/CD player
29. Ashtray/Cigarette lighter
30. Heated seat switch
31. Hazard warning flasher switch
32. Glove box

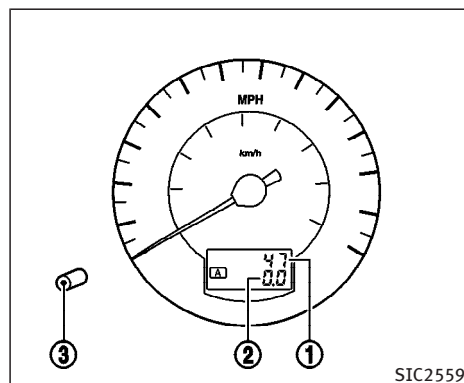
*: Refer to the separate Navigation System Owner's Manual.

2-2 Instruments and controls

METERS AND GAUGES



1. Warning/Indicator lights
2. Tachometer
3. Automatic transmission position indicator (AT models)/Up-shift indicator (MT models)
4. Speedometer
5. Engine coolant temperature gauge
6. Reset knob for trip odometer
7. Odometer (Total/Twin trip)/Up-shift indicator setting (MT models)
8. Fuel gauge



SPEEDOMETER AND ODOMETER

Speedometer

The speedometer indicates vehicle speed.

Odometer/Twin trip odometer/ Up-shift indicator setting (MT models)

The odometer ①/twin trip odometer or up-shift indicator setting (MT models) ② are displayed when the ignition switch is in the ON position.

The odometer records the total distance

the vehicle has been driven.

The twin trip odometer records the distance of individual trips.

Changing the display:

Pushing the reset knob ③ changes the display as follows.

AT models:

TRIP A → TRIP B → TRIP A

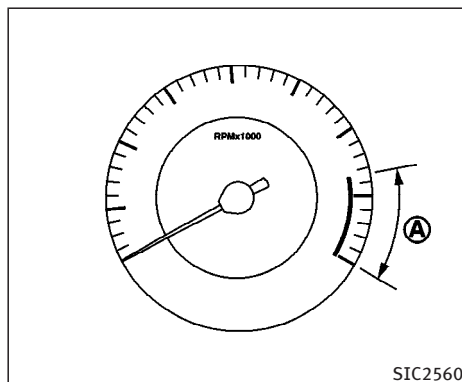
MT models:

TRIP A → TRIP B → Up-shift indicator setting mode → TRIP A

See “Driving the vehicle” in the “5. Starting and driving” section for the use of the up-shift indicator.

Resetting the trip odometer:

Pushing the reset knob for more than 1 second resets the trip odometer to zero.



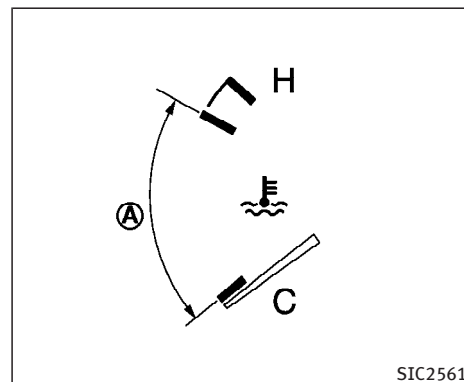
TACHOMETER

The tachometer indicates engine speed in revolutions per minute (rpm). **Do not rev the engine into the red zone ①.**



CAUTION

When engine speed approaches the red zone, shift to a higher gear. Operating the engine in the red zone may cause serious engine damage.



ENGINE COOLANT TEMPERATURE GAUGE

The gauge indicates the engine coolant temperature.

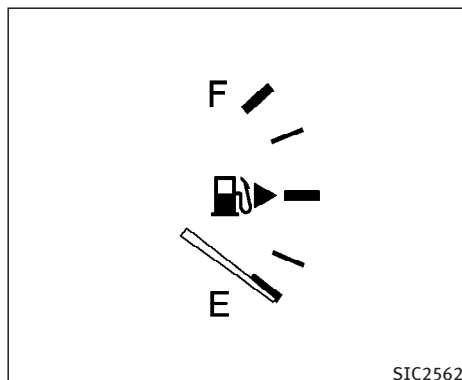
The engine coolant temperature is within the normal range ① when the gauge needle points within the zone shown in the illustration.

The engine coolant temperature will vary with the outside air temperature and driving conditions.



CAUTION

If the gauge indicates engine coolant temperature near the hot (H) of the normal range, reduce vehicle speed to decrease temperature. If gauge is over the normal range, stop the vehicle as soon as safely possible. If the engine is overheated, continued operation of the vehicle may seriously damage the engine. See “If your vehicle overheats” in the “6. In case of emergency” section for immediate action required.



FUEL GAUGE


The gauge indicates the approximate fuel level in the tank.

The gauge may move slightly during braking, turning, acceleration, or going up or down hill.

The gauge needle is designed to move to the E (Empty) position when the ignition key is turned to the OFF position.



Refill the fuel tank before the gauge registers Empty.

The low fuel warning light comes on when the fuel tank is getting low. Refuel as soon as it is convenient, preferably before the gauge reaches E. There will be a small reserve of fuel in the tank when the fuel gauge needle reaches E.

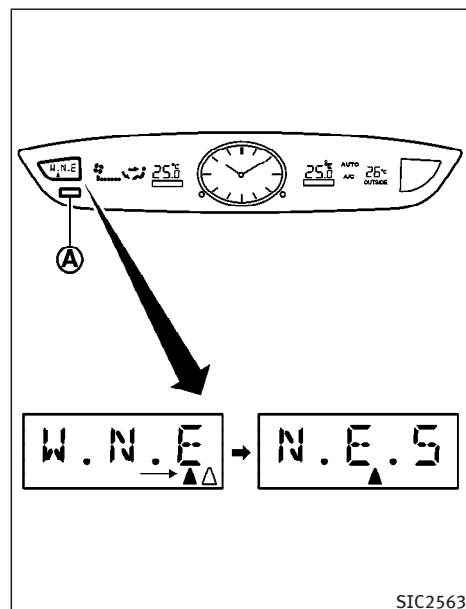
The  indicates that the fuel filler lid is located on the passenger's side of the vehicle.



CAUTION

- If the vehicle runs out of fuel, the  malfunction indicator lamp (MIL) may come on. Refuel as soon as possible. After a few driving trips, the  lamp should turn off. If the lamp remains on after a few driving trips, have the vehicle inspected by an INFINITI dealer.
- For additional information, see “Malfunction indicator lamp (MIL)” later in this section.

COMPASS DISPLAY



N: north

E: east

S: south

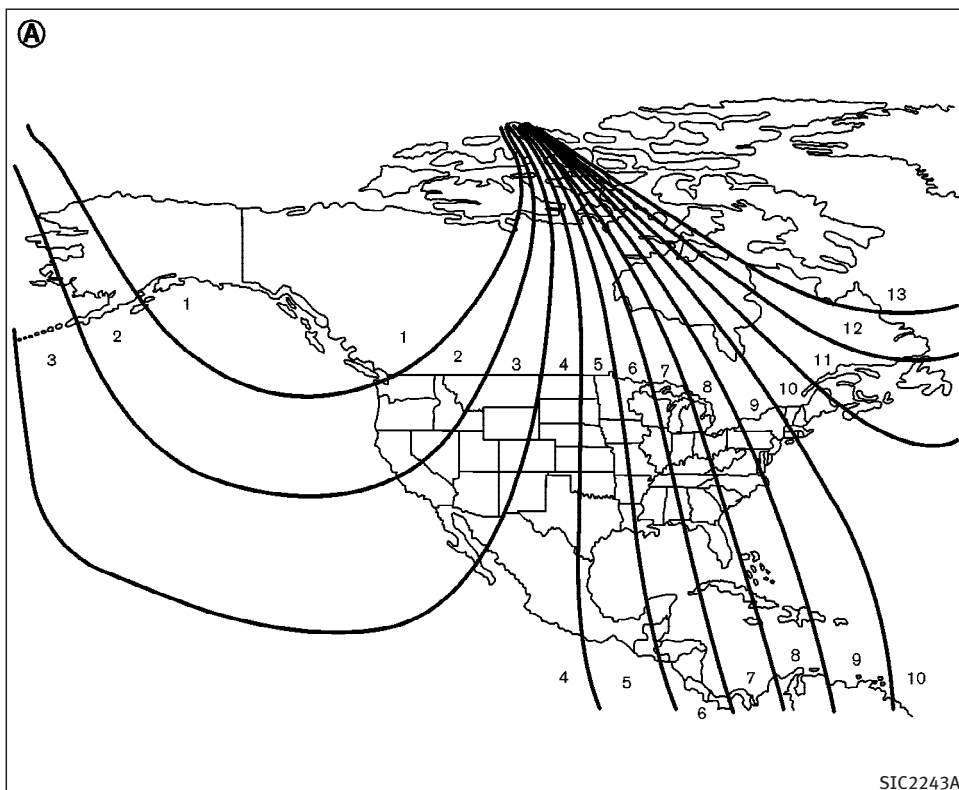
W: west

▲: vehicle direction

The above example shows the display changes from “East” to “East-southeast”.

If the compass unit does not receive any correct signal for 10 minutes, the compass will display the bar “-- -- --”. Have the vehicle inspected by an INFINITI dealer.

Push COMP switch (A) to turn the display on or off when the ignition switch is in the ON position. The heading direction will be displayed.



Zone variation change procedure

The difference between magnetic north and geographical north is known as variance. In some areas, this difference can sometimes be great enough to cause false compass readings. Follow these instructions to set the variance for your particular location if this happens:

1. Establish your location on the zone map Ⓐ. Record your zone number.
2. Turn the ignition switch to the ON position while pressing the COMP switch.
3. Continue to press the COMP switch for more than 5 seconds until the current zone entry number is displayed on the compass.

If any operations are not carried out for more than 5 seconds, the display shows direction as normal.

4. Press COMP switch repeatedly until the new zone entry number is displayed.

Once the desired zone number is displayed, stop pressing the COMP switch and the display will show compass direction within a few seconds.

If a magnet is located near the driver side instrument panel (the sensor is located inside) or the vehicle is driven where the terrestrial magnetism is disturbed, the compass display may not indicate the correct direction.

- The compass may not display correctly at the following places:
 - under a bridge
 - among buildings
 - on an iron bridge
 - inside a tunnel
 - above a subway
 - on a railway crossing
 - in an underground parking lot
 - near a huge vehicle
 - near a transformer substation

If you carry out correction procedure at one of the above places, the procedure may not be completed correctly.

- If air conditioner fan speed is maximum, the compass display may shake. This is normal. Reduce the fan speed to avoid shaking the display.


























Correction functions of the compass display

If the direction is not shown correctly, carry out correction procedure set out below.

Correction procedure





1. Push COMP switch for about 10 seconds. The direction bar starts blinking.
2. Turn off electrical equipment such as lights, hazard indicator, air conditioner, etc. Then drive the vehicle slowly (less than 3 MPH (5 km/h)) and turn the vehicle one or more times in an open and safe area. When the compass displays the direction, the procedure is completed.

WARNING/INDICATOR LIGHTS AND AUDIBLE REMINDERS


| | | | | | |
|--|--|---|---|---|---|
|  ABS or  | Anti-lock brake warning light |  | Low fuel warning light |  | Cruise set switch indicator light |
|  | Automatic transmission check warning light |  | Low tire pressure warning light |  | High beam indicator light (Blue) |
|  | All wheel drive (AWD) warning light (AWD models) |  | Low washer fluid warning light |  | Malfunction indicator lamp (MIL) |
|  or  | Brake warning light |  | P position selecting warning light (if so equipped) |  | Slip indicator light |
|  | Charge warning light |  | Seat belt warning light |  | Snow mode indicator light (if so equipped) |
|  | Door open warning light |  | Supplemental air bag warning light |  | Turn signal/hazard indicator lights |
|  | Engine oil pressure warning light |  | Automatic transmission position indicator light |  | Vehicle dynamic control (VDC) off indicator light |
|  | Intelligent Key warning light (if so equipped) |  | Cruise main switch indicator light | | |

CHECKING BULBS

Apply the parking brake and turn the ignition key to ON without starting the engine. The following lights will come on:

 , BRAKE or  ,  ,  , **AWD**

The following lights come on briefly and then go off:

 , **ABS** or  , **SLIP** ,  , **VDC OFF** ,  ,  , 

If any light fails to come on, it may indicate a burned-out bulb or an open circuit in the electrical system. Have the system repaired promptly.

WARNING LIGHTS

 or  **Anti-lock brake warning light**

If the light comes on while the engine is running, it may indicate the anti-lock

brake system is not functioning properly. Have the system checked by an INFINITI dealer.

If an abnormality occurs in the system, the anti-lock function will cease but the ordinary brakes will continue to operate normally.

See “Anti-lock brake system” in the “5. Starting and driving” section.

If the light comes on while you are

driving, contact an INFINITI dealer for repair.



Automatic transmission check warning light

When the ignition switch is turned ON, the light comes on for 2 seconds. If the light blinks for approximately 8 seconds, it may indicate the automatic transmission system is not functioning properly. Have an INFINITI dealer check and repair the transmission.



AWD (All wheel drive) warning light (AWD models)

The **AWD** warning light comes on when the ignition switch is turned to ON. It turns off soon after the engine is started.

If the AWD system malfunctions, or the diameter of the front and the rear wheels are different, the warning light will either remain illuminated or blink. See “AWD warning light” in the “5. Starting and driving” section.



CAUTION

- If the warning light comes on while driving there may be a malfunction in

the AWD system. Reduce the vehicle speed and have your vehicle checked by an INFINITI dealer as soon as possible.

- Do not drive on dry, hard surface roads in the SNOW mode.
- If the AWD warning light blinks on when you are driving:
 - blinks rapidly (about twice a second): Pull off the road in a safe area, and idle the engine. The driving mode will change to 2WD to prevent the AWD system from malfunctioning. If the warning light turns off, you can drive again.
 - blinks slowly (about once every 2 seconds): Pull off the road in a safe area, and idle the engine. Check that all tire sizes are the same, tire pressure is correct and tires are not worn.

If the warning light is still on after the above operations, have your vehicle checked by an INFINITI dealer as soon as

possible.



Brake warning light

This light functions for both the parking brake and foot brake systems.

Parking brake indicator:

When the ignition switch is in the ON position, the light comes on when the parking brake is applied.

Low brake fluid warning light:

The light warns of a low brake fluid level. If the light comes on while the engine is running with the parking brake not applied, stop the vehicle and perform the following:

1. Check the brake fluid level. Add brake fluid as necessary. See “Brake fluid” in the “8. Maintenance and do-it-yourself” section.
2. If the brake fluid level is correct, have the warning system checked by an INFINITI dealer.



WARNING

- Your brake system may not be working properly if the warning light is on. Driving could be dangerous. If you judge it to be safe, drive carefully to the nearest service station for repairs. Otherwise, have your vehicle towed because driving it could be dangerous.
- Pressing the brake pedal with the engine stopped and/or a low brake fluid level may increase your stopping distance and braking will require greater pedal effort as well as pedal travel.
- If the brake fluid level is below the MIN mark on the brake fluid reservoir, do not drive until the brake system has been checked by an INFINITI dealer.



Charge warning light

If the light comes on while the engine is running, it may indicate that the charging system is not functioning properly. Turn the engine off and check the alternator belt. If the belt is loose, broken, missing

or if the light remains on, see an INFINITI dealer immediately.



CAUTION

Do not continue driving if the generator belt is loose, broken or missing.



Door open warning light

This light comes on when any of the doors are not closed securely while the ignition switch is ON.



Engine oil pressure warning light

This light warns of low engine oil pressure. If the light flickers or comes on during normal driving, pull off the road in a safe area, stop the engine **immediately** and call an INFINITI dealer or other authorized repair shop.

The engine oil pressure warning light is not designed to indicate a low oil level. Use the dipstick to check the oil level. See "Engine oil" in the "8. Maintenance and do-it-yourself" section.



CAUTION

Running the engine with the engine oil pressure warning light on could cause serious damage to the engine almost immediately. Turn off the engine as soon as it is safe to do so.



Intelligent Key warning light (for Intelligent Key system) (if so equipped)

This light comes on in green when it is possible to turn the ignition knob.

When the light comes on in red, it is not possible to turn the knob.

- The warning light blinks in red when the Intelligent Key is outside the vehicle with the ignition knob in the ACC or ON position. Confirm the location of the key as soon as possible when the warning light blinks in red. Be sure to carry the Intelligent Key with you while driving the vehicle.
- The warning light goes off about 10 seconds after the Intelligent Key is brought inside the vehicle.



P position selecting warning light (for Intelligent Key system) (if so equipped)

The light blinks in red when the selector lever is not in the P position and you are outside the vehicle with the Intelligent Key.

When the warning light blinks, move the selector lever to P position and return the ignition knob to the LOCK position.



Low fuel warning light

This light comes on when the fuel in the tank is getting low. Refuel as soon as it is convenient, preferably before the fuel gauge reaches E.

There will be a small reserve of fuel remaining in the tank when the fuel gauge needle reaches E.



Low washer fluid warning light

This light comes on when the washer tank fluid is at a low level. Add washer fluid as necessary. See “Window washer fluid” in the “8. Maintenance and do-it-yourself” section.



Low tire pressure warning light

After the ignition switch is turned ON, this light comes on for about 1 second and turns off.

This light warns of low tire pressure.

INFINITI's low tire pressure warning system is a tire pressure monitoring system. It monitors tire pressure of all tires except the spare. When the tire pressure monitoring system warning light is lit, one or more of your tires is significantly under-inflated. You should stop and check your tires as soon as possible, and inflate them to the proper pressure as indicated on the vehicle's tire information placard. Driving on a significantly under-inflated tire causes the tire to over-heat and can lead to tire failure.

Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Each tire, including the spare, should be checked monthly when cold and set to the recommended inflation pressure as specified in the vehicle placard and owner's manual.

The recommended inflation pressure may

also be found on the Tire and Loading Information label.

Low tire pressure warning:

If the vehicle is being driven with low tire pressure (lower than 25 psi: Sedan 17 inch and Coupe 17 inch wheel model / 27 psi: Sedan 18 inch wheel model / 28 psi: Coupe 18 and 19 inch wheel model), the light will illuminate and the chime will sound for about 10 seconds.

For additional information, see “Low tire pressure warning system” in the “5. Starting and driving” section and “Flat tire” in the “6. In case of emergency” section.



WARNING

- If the light does not come on with the key switch turned ON, have the vehicle checked by an INFINITI dealer as soon as possible.
- If the light comes on while driving, avoid sudden steering maneuvers or abrupt braking, reduce vehicle speed, pull off the road to a safe location and

stop the vehicle as soon as possible. Serious vehicle damage could occur and may lead to an accident and could result in serious personal injury. Check the tire pressure for all four tires. Adjust the tire pressure to the recommended COLD tire pressure shown on the Tire and Loading Information label to turn the low tire pressure warning light OFF. If the light still comes on while driving after adjusting the tire pressure, a tire may be flat. If you have a flat tire, replace it with a spare tire as soon as possible.

- When a spare tire is mounted or a wheel is replaced, the low tire pressure warning system will not function. Contact an INFINITI dealer as soon as possible for tire replacement and/or system resetting.



CAUTION

- The low tire pressure warning system is not a substitute for the regular tire pressure check. Be sure to check the tire pressure regularly.
- If the vehicle is being driven at speeds of less than 20 MPH (32 km/h), the low tire pressure warning system may not operate correctly.
- Be sure to install the specified size of tires to the four wheels correctly.



Seat belt warning light and chime

The light and chime remind you to fasten seat belts. The light illuminates whenever the ignition switch is turned to the ON position, and will remain illuminated until the driver's seat belt is fastened.

See "Seat belts" in the "1. Safety — Seats, restraints and supplemental restraint system" section for precautions on seat belt usage.



Supplemental air bag warning light

After turning the ignition switch to the ON position, the supplemental air bag warning light will illuminate. The supplemental air bag warning light will turn off after about 7 seconds if the system is operational.

If any of the following conditions occur, the supplemental front air bag, supplemental side air bag and curtain side-impact air bag systems, and pre-tensioner seat belt need servicing and your vehicle must be taken to your an INFINITI dealer.

- The supplemental air bag warning light remains on after approximately 7 seconds.
- The supplemental air bag warning light flashes intermittently.
- The supplemental air bag warning light does not come on at all.

Unless checked and repaired, the Supplemental Restraint System and/or the pre-tensioner seat belt may not function properly. For additional information, see "Supplemental restraint system" in the "1. Safety — Seats, restraints and supple-

mental restraint system” section.



WARNING

If the supplemental air bag warning light is on, it could mean that the supplemental front air bag, supplemental side air bag, curtain side-impact air bag systems and/or pre-tensioner seat belt systems will not operate in an accident. To help avoid injury to yourself or others, have your vehicle checked by an INFINITI dealer as soon as possible.

INDICATOR LIGHTS



Automatic transmission position indicator light

When the ignition switch is turned to the ON position, the indicator in the instrument panel shows the automatic transmission selector lever position. See “Driving with automatic transmission” in the “5. Starting and driving” section.



Cruise main switch indicator light

The light comes on when the cruise control main switch is pushed. The light goes out when the main switch is pushed again. When the cruise main switch indicator light comes on, the cruise control system is operational.



Cruise set switch indicator light

The light comes on while the vehicle speed is controlled by the cruise control system. If the light blinks while the engine is running, it may indicate the cruise control system is not functioning properly. Have the system checked by an INFINITI dealer.



High beam indicator light (Blue)

This light comes on when the headlight high beam is on and goes out when the low beam is selected.




Malfunction indicator lamp (MIL)

If the malfunction indicator lamp comes on steady or blinks while the engine is

running, it may indicate a potential emission control malfunction.

The malfunction indicator lamp may also come on steady if the fuel filler cap is loose or missing, or if the vehicle runs out of fuel. Check to make sure the fuel filler cap is installed and closed tightly, and that the vehicle has at least three gallons (14 liters) of fuel in the fuel tank.

After a few driving trips, the  lamp should turn off if no other potential emission control system malfunction exists.

If this indicator lamp comes on steady for 20 seconds and then blinks for 10 seconds when the engine is not running, it indicates that the vehicle is not ready for an emission control system inspection/maintenance test. See “Readiness for inspection/maintenance (I/M) test” in the “9. Technical and consumer information” section of this manual.

Operation

The malfunction indicator lamp will come on in one of two ways:

- Malfunction indicator lamp on steady — An emission control system malfunction has been detected. Check the fuel filler cap. If the fuel filler cap is

loose or missing, tighten or install the cap and continue to drive the vehicle. The SERVICE ENGINE SOON lamp should turn off after a few driving trips. If the SERVICE ENGINE SOON lamp does not turn off after a few driving trips, have the vehicle inspected by an INFINITI dealer. You do not need to have your vehicle towed to the retailer.

- Malfunction indicator lamp blinking — An engine misfire has been detected which may damage the emission control system. To reduce or avoid emission control system damage:

- a) Do not drive at speeds above 45 MPH (72 km/h).
- b) Avoid hard acceleration or deceleration.
- c) Avoid steep uphill grades.
- d) If possible, reduce the amount of cargo being hauled or towed.

The malfunction indicator lamp may stop blinking and come on steady.

Have the vehicle inspected by an INFINITI dealer. You do not need to have your vehicle towed to the retailer.



CAUTION

Continued vehicle operation without having the emission control system checked and repaired as necessary could lead to poor driveability, reduced fuel economy, and possible damage to the emission control system.



Slip indicator light

This indicator will blink when the VDC system or the traction control system is operating, thus alerting the driver to the fact that the road surface is slippery and the vehicle is nearing its traction limits.



Snow mode switch indicator light (if so equipped)

When selecting SNOW mode while the engine is running, this light will illuminate. See “SNOW MODE SWITCH” in the “2. Instruments and controls” section.



Vehicle dynamic control (VDC) off indicator light

The light comes on when the vehicle dynamic control off switch is pushed to OFF.

This indicates the vehicle dynamic control system and traction control system are not operating. When the vehicle dynamic control off indicator light and slip indicator light come on with the vehicle dynamic control system turned on, this light alerts the driver to the fact that the vehicle dynamic control system's fail-safe mode is operating, i.e. the vehicle dynamic control system may not be functioning properly. Have the system checked by an INFINITI dealer. If an abnormality occurs in the system, the vehicle dynamic control system function will be canceled but the vehicle is still driveable. For additional information, see “Vehicle dynamic control (VDC) system” in the “5. Starting and driving” section of this manual.



Turn signal/hazard indicator lights

The light flashes when the turn signal switch lever or hazard switch is turned on.

AUDIBLE REMINDERS

Key reminder chime

The chime will sound if the driver's side door is opened while the key is left in the

SECURITY SYSTEMS

ignition switch (ignition switch is turned off). Remove the key and take it with you when leaving the vehicle.

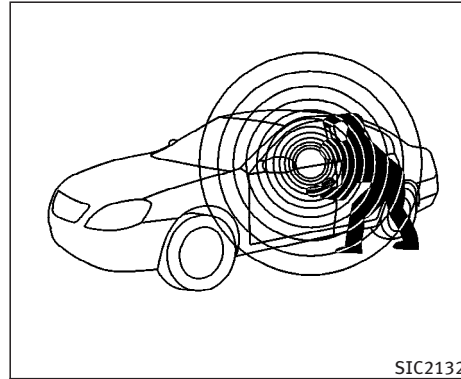
Light reminder chime

The chime will sound when the front door is opened with the headlight switch on unless the ignition switch is in the ON position.

Make sure to turn the light switch off when you leave the vehicle.

Brake pad wear warning

The disc brake pads have audible wear warnings. When a brake pad requires replacement, it will make a high pitched scraping sound when the vehicle is in motion whether or not the brake pedal is depressed. Have the brakes checked as soon as possible if the warning sound is heard.



Your vehicle has two types of security systems, as follows:

- Vehicle Security System
- Infiniti Vehicle Immobilizer System

The security condition will be shown by the security indicator light.

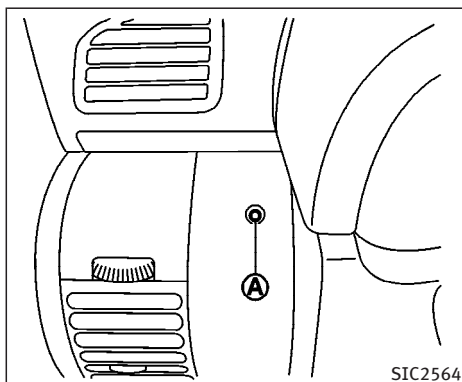
VEHICLE SECURITY SYSTEM

The vehicle security system provides visual and audible alarm signals if someone opens the doors, hood, or trunk lid when the system is armed. It is not, however, a motion detection type system

that activates when a vehicle is moved or when a vibration occurs.

The system helps deter vehicle theft but cannot prevent it, nor can it prevent the theft of interior or exterior vehicle components in all situations. Always secure your vehicle even if parking for a brief period. Never leave your keys in the vehicle, and always lock it when unattended. Be aware of your surroundings, and park in secure, well-lit areas whenever possible.

Many devices offering additional protection, such as component locks, identification markers, and tracking systems, are available at auto supply stores and specialty shops. An INFINITI dealer may also offer such equipment. Check with your insurance company to see if you may be eligible for discounts for various theft protection features.



How to activate the vehicle security system

1. Close all windows.

The system can be activated even if the windows are open.

2. Remove the key from the ignition switch.
3. Close and lock all doors, hood and trunk lid.

Lock all doors by pressing the LOCK button on the keyfob, the Intelligent Key or by pushing any front door

handle request switch or turning the door key. When using the remote keyless entry, the hazard indicators will operate as shown in “Remote keyless entry system” or “Intelligent Key system” in the “3. Pre-driving checks and adjustments” section.

4. Confirm that the SECURITY indicator light (A) comes on. The SECURITY indicator light glows for about 30 seconds and then blinks. The system is now activated. If, during this 30 second time period, the door is unlocked by the key or the remote keyless entry, or the ignition switch is turned to ACC or ON, the system will not activate.

Even when the driver and/or passengers are in the vehicle, the system will activate with all doors, hood and trunk lid locked and ignition switch off. Turn the ignition switch to ACC to turn off the system.

Vehicle security system operation

The security system will give the following alarm:

- The headlights blink and the horn sounds intermittently.
- The alarm automatically turns off after

approximately 50 seconds. However, the alarm reactivates if the vehicle is tampered with again. The alarm can be shut off by unlocking a door with the key, by pushing any front door handle request switch or by pressing the UNLOCK button on the keyfob or Intelligent Key.

The alarm is activated by:

- Opening the door without using the key or keyfob or Intelligent Key.
- Opening the trunk lid without using the keyfob or Intelligent Key.
- Opening the hood.

How to stop alarm

The alarm will stop only by unlocking a door with the key, by pushing any door handle request switch or by pressing the UNLOCK button on keyfob or Intelligent Key. The alarm will not stop if the ignition switch is turned to ACC or ON.

If the system does not operate as described above, have it checked by an INFINITI dealer.

INFINITI VEHICLE IMMOBILIZER SYSTEM

The Infiniti Vehicle Immobilizer System will not allow the engine to start without the use of the registered Infiniti Vehicle Immobilizer System key.

If the engine fails to start using the registered Infiniti Vehicle Immobilizer System key, it may be due to interference caused by another Infiniti Vehicle Immobilizer System key, an automated toll road device or automated payment device on the key ring. Restart the engine using the following procedures:

1. Leave the ignition switch in the ON position for approximately 5 seconds.
2. Turn the ignition switch to the OFF or LOCK position and wait approximately 10 seconds.
3. Repeat step 1 and 2 again.
4. Restart the engine while holding the device (which may have caused the interference) separate from the registered Infiniti Vehicle Immobilizer System key.

If this procedure allows the engine to start, INFINITI recommends placing

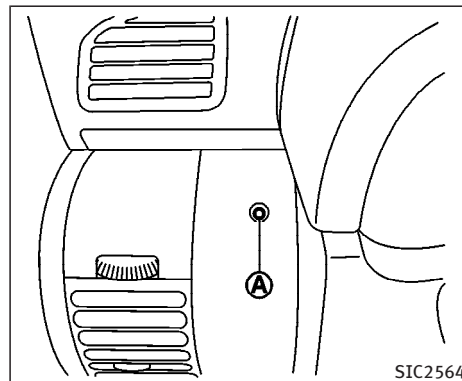
the registered Infiniti Vehicle Immobilizer System key on a separate key ring to avoid interference from other devices.

Statement related to section 15 of FCC rules for Infiniti Vehicle Immobilizer System (CONT ASSY-BCM, ANT ASSY-IMMOBILIZER)

This device complies with part 15 of the FCC Rules and RSS-210 of Industry Canada. Operation is subject to the following two conditions;

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURE RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

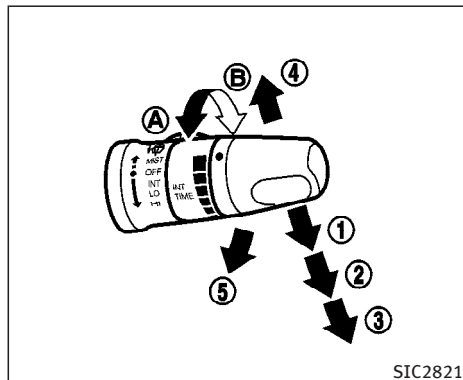


Security indicator light

If Infiniti Vehicle Immobilizer System is malfunctioning, indicator light Ⓐ will remain on while the ignition switch is in the ON position.

If the light still remains on and/or the engine will not start, see an INFINITI dealer for Infiniti Vehicle Immobilizer System service as soon as possible. Please bring all Infiniti Vehicle Immobilizer System keys that you have when visiting an INFINITI dealer for service.

WINDSHIELD WIPER AND WASHER SWITCH



The windshield wiper and washer operates when the ignition switch is in the ON position.

Push the lever down to operate the wiper at the following speed:

- ① Intermittent — intermittent operation can be adjusted by turning the knob toward **A** (Slower) or **B** (Faster). Also, the intermittent operation speed varies in accordance with the vehicle speed. (For example, when the vehicle speed is high, the intermittent operation speed will be faster.)

- ② Low — continuous low speed operation

- ③ High — continuous high speed operation

Push the lever up **④** to have one sweep operation of the wiper.

Pull the lever toward you **⑤** to operate the washer. Then the wiper will also operate several times.



WARNING

In freezing temperatures the washer solution may freeze on the windshield and obscure your vision which may lead to an accident. Warm the windshield with the defroster before you wash the windshield.

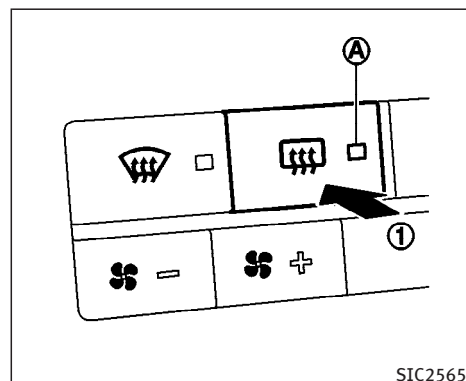


CAUTION

The following could damage the washer system:

- Do not operate the washer continuously for more than 30 seconds.
- Do not operate the washer if the reservoir tank is empty.

REAR WINDOW AND OUTSIDE MIRROR DEFROSTER SWITCH



To defog/defrost the rear window glass and outside mirrors, start the engine and push the switch on ①. The indicator light (A) will come on. Push the switch again to turn the defroster off.

It will automatically turn off in approximately 15 minutes.



CAUTION

When cleaning the inner side of the rear window, be careful not to scratch or damage the rear window defroster.

HEADLIGHT AND TURN SIGNAL SWITCH

XENON HEADLIGHTS



WARNING

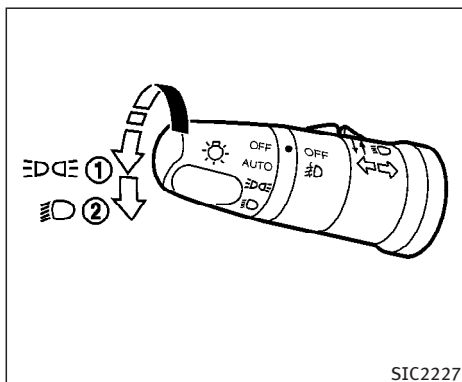


HIGH VOLTAGE

- When xenon headlights are on, they produce a high voltage. To prevent an electric shock, never attempt to modify or disassemble. Always have your xenon headlights replaced at an INFINITI dealer.
- Xenon headlights provide considerably more light than conventional headlights. If they are not correctly aimed, they might temporarily blind an oncoming driver or the driver ahead of you and cause a serious accident. If headlights are not aimed correctly, immediately take your vehicle to an INFINITI dealer and have the headlights adjusted correctly.



When the xenon headlight is initially turned on, its brightness or color varies slightly. However, the color and brightness will soon stabilize.

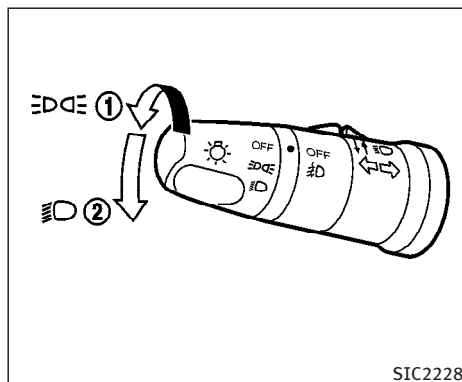
- The life of xenon headlights will be shortened by frequent on-off operation. It is generally desirable not to turn off the headlights for short intervals (for example, when the vehicle stops at a traffic signal). Even when the daytime running lights are active (Canada only), the xenon headlights do not turn on. This way the life of the xenon headlights is not reduced.
- If a xenon headlight bulb is close to burning out, the brightness will drastically decrease, the light will start blinking, or the color of the light will become reddish. If one or more of the above signs appear, contact an INFINITI dealer.



Type A HEADLIGHT SWITCH

Lighting

- ① Turn the switch to the  position:
The front park, side marker, tail, license plate and instrument lights will come on.
- ② Turn the switch to the  position:
Headlights will come on and all the other lights remain on.

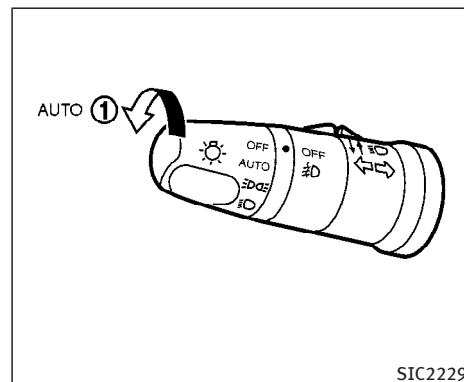


Type B



CAUTION

Use the headlights with the engine running to avoid discharging the vehicle battery.



Autolight system



Autolight system (if so equipped)

The autolight system allows the headlights to be set so they turn on and off automatically.

To set the autolight system:

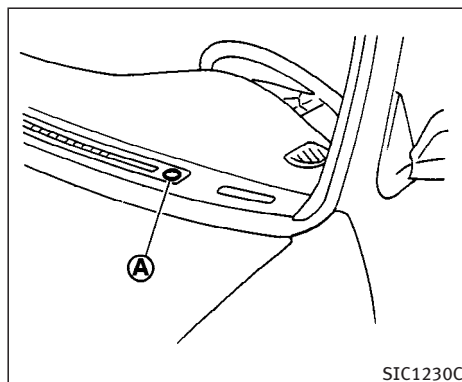
1. Make sure the headlight switch is in the AUTO ① position.
2. Turn the ignition switch to the ON position.
3. The autolight system automatically turns the headlights on and off.

To turn the autolight system off, turn the

switch to the OFF,  or  position.

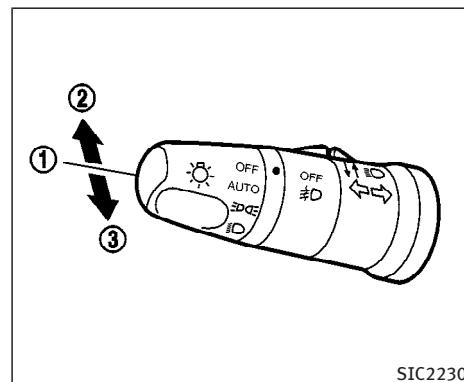
The autolight system can turn on the headlights automatically when it is dark, turn off the headlights when it is light, and keep the headlights on for up to 45 seconds after you turn the key to OFF and open any door then close all the doors.

If the ignition switch is turned OFF and one of the doors is opened and this condition is continued, the headlights remain ON for five minutes.




SIC1230C

Be sure not to put anything on top of the photo sensor (A) located on the top left-hand side of the instrument panel. The photo sensor controls the autolamp; if it is covered, the photo sensor reacts as if it is dark and the headlights will illuminate.









SIC2230

Headlight beam select

- ① To select the low beam, put the lever in the neutral position as shown.
- ② To select the high beam, push the lever forward while the switch is in the  position. Pull it back to select the low beam.
- ③ Pulling the lever toward you will flash the headlight high beam.

Battery saver system



- When the headlight switch is in the  or  position while the ignition switch is in the ON position, the lights (including the front fog light) will automatically turn off 5 minutes after the ignition switch has been turned to the OFF position.
- When the headlight switch remains in the  or  position after the lights automatically turn off, the lights will turn on for 5 minutes when the headlight switch is turned to the OFF position and then turned to the  or  position.



CAUTION

Even though the battery saver feature automatically turns off the headlights after a period of time, you should turn the headlight switch to the OFF position when the engine is not running to avoid discharging the vehicle battery.

Daytime running light system (Canada only)

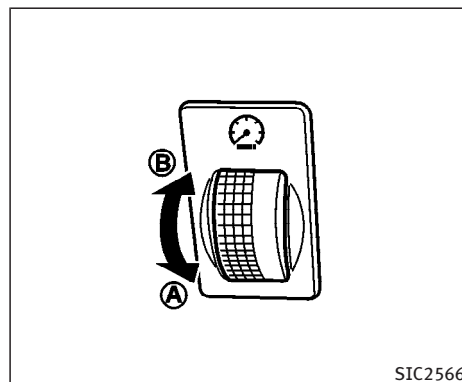
The headlights automatically illuminate at a reduced intensity when the engine is started with the parking brake released. The daytime running lights operate with the headlight switch in the OFF position or in the  position. Turn the headlight switch to the  position for full illumination when driving at night.

If the parking brake is applied before the engine is started, the daytime running lights do not illuminate. The daytime running lights illuminate once the parking brake is released. The daytime running lights will remain on until the ignition switch is turned off.





WARNING

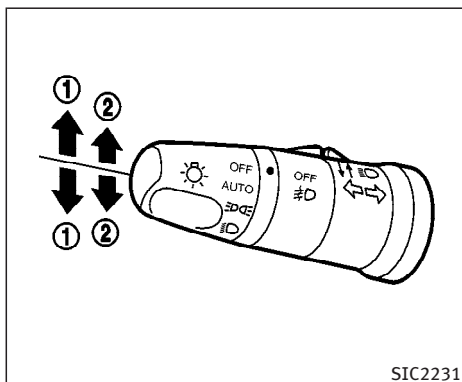
When the daytime running light system is active, tail lights on your vehicle are not on. It is necessary at dusk to turn on your headlights. Failure to do so could cause an accident injuring yourself and others.



Instrument brightness control

The instrument brightness control operates when the light switch is in the AUTO,  or  position. Turn the control to (A) direction (darken) or (B) direction (brighten) to adjust the brightness of the instrument panel (except power window switch lights).

When the control is turned upward until it stops, the light intensity will be at maximum. When the control is turned downward until it stops, the light will be turned off.



TURN SIGNAL SWITCH

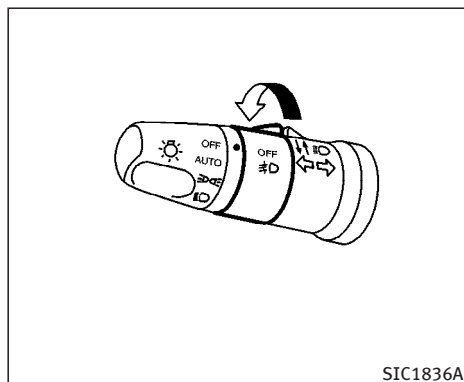
Turn signal

① Turn signal



Move the lever up or down to signal the turning direction. When the turn is completed, the turn signals cancel automatically.

② Lane change signal

To indicate a lane change, move the lever up or down to the point where lights begin flashing.

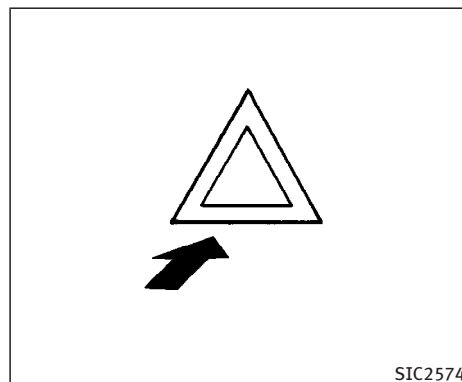


FOG LIGHT SWITCH

To turn the fog lights on, turn the headlight switch to the  position, then turn the switch to the  position. To turn them off, turn the switch to the OFF position.

The headlights must be on and the low beams selected for the fog lights to operate. The fog lights automatically turn off when the high beam headlights are selected.

HAZARD WARNING FLASHER SWITCH



Push the switch on to warn other drivers when you must stop or park under emergency conditions. All turn signal lights will flash.

Some state or provincial laws may prohibit the use of the hazard warning flasher switch while driving.



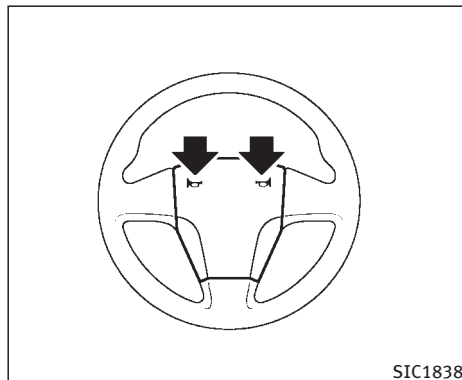
WARNING

- If stopping for an emergency, be sure to move the vehicle well off the road.

- Do not use the hazard warning flashers while moving on the highway unless unusual circumstances force you to drive so slowly that your vehicle might become a hazard to other traffic.
- Turn signals do not work when the hazard warning flasher lights are on.

The flasher can be actuated with the ignition switch either off or on.

HORN



SIC1838

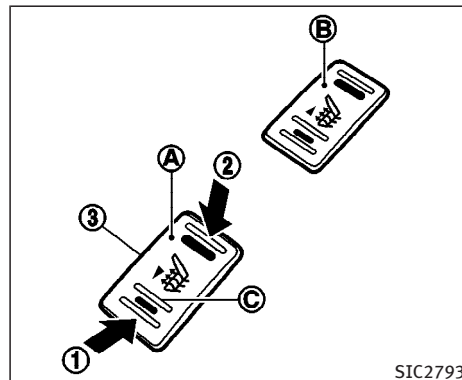
To sound the horn, push on or near the horn marks of the steering wheel.



WARNING

Do not disassemble the horn. Doing so could affect proper operation of the supplemental front air bag system. Tampering with the supplemental front air bag system may result in serious personal injury.

HEATED SEATS

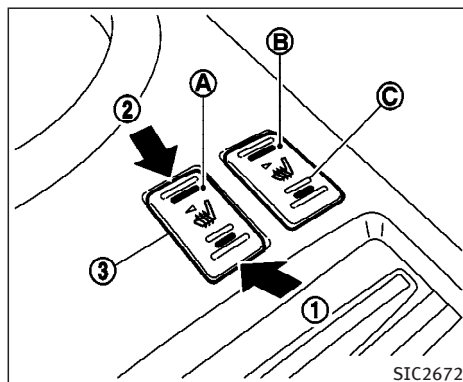


SIC2793

AT models

The front seats are warmed by built-in heaters. The switches located on the center console can be operated independently (driver side seat (A) and front passenger seat (B)) of each other.

1. Start the engine.
2. Select heat range.
 - ① For low heat, push the (Low) side of the switch.
 - ② For high heat, push the (High) side of the switch.
 - ③ For no heat, the switch has a cen-



MT models

ter OFF position between low and high.

The indicator light in the switch (C) will illuminate when low or high is selected.

The heater is controlled by a thermostat, automatically turning the heater on and off. The indicator light will remain on as long as the switch is on.

3. When the vehicle's interior is warmed, or before you leave the vehicle, be sure to turn the switch to the off position (center) (3).

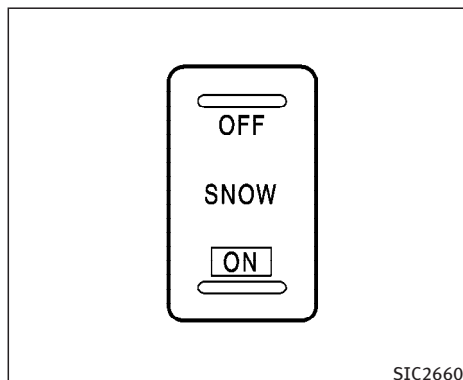


CAUTION

- The battery could run down if the seat heater is operated while the engine is not running.
- Do not use the seat heater for extended periods or when no one is using the seat.
- Do not put anything on the seat which insulates heat, such as a blanket, cushion, seat cover, etc. Otherwise, the seat may become overheated.
- Do not place anything hard or heavy on the seat or pierce it with a pin or similar object. This may result in damage to the heater.
- Any liquid spilled on the heated seat should be removed immediately with a dry cloth.
- When cleaning the seat, never use gasoline, benzine, thinner, or any similar materials.
- If any abnormalities are found or the

heated seat does not operate, turn the switch off and have the system checked by an INFINITI dealer.

SNOW MODE SWITCH (if so equipped)



For driving or starting the vehicle on snowy roads or slippery areas, push the **SNOW** mode switch to the “ON” position and then the indicator light in the switch and the SNOW indicator light in the instrument panel will illuminate.

When the SNOW mode is activated, engine output is controlled to reduce wheel spin.

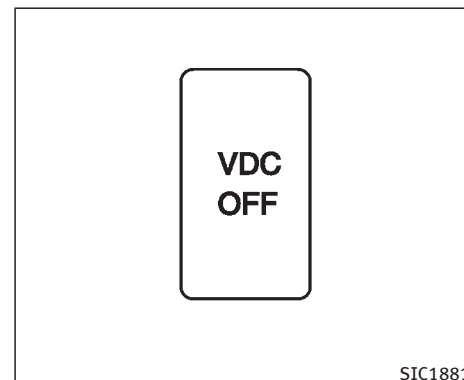


CAUTION

When turning the vehicle in SNOW mode on

paved roads, you may feel a braking effect. This is a normal condition of the AWD model.


VEHICLE DYNAMIC CONTROL (VDC) OFF SWITCH



The vehicle should be driven with the Vehicle Dynamic Control (VDC) system ON for most driving conditions.

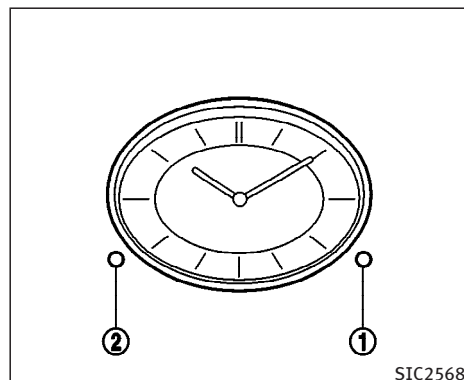
If the vehicle is stuck in mud or snow, the VDC system reduces the engine output to reduce wheel spin. The engine speed will be reduced even if the accelerator is depressed to the floor. If maximum engine power is needed to free a stuck vehicle, turn the VDC system off.

To turn off the Vehicle Dynamic Control (VDC) system, push the VDC OFF switch.

The  indicator will come on.

CLOCK

Push the VDC OFF switch again or restart the engine to turn ON the system. See “Vehicle dynamic control (VDC) system” in the “5. Starting and driving” section.



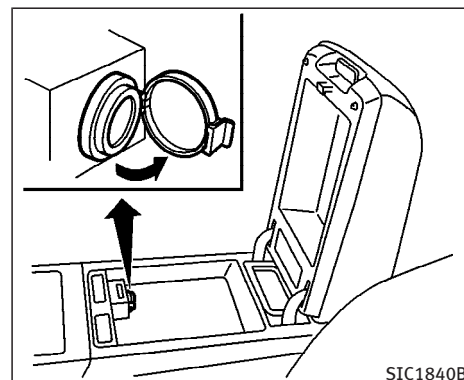
If the power supply is disconnected, the clock will not indicate the correct time. Readjust the time.

ADJUSTING THE TIME

To set the time forward, push the button ①.

To set the time backward push the button ②.

POWER OUTLET



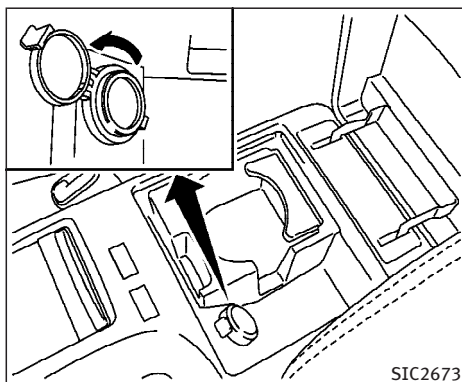
Automatic transmission model

The power outlet is for powering electrical accessories such as cellular telephones.



CAUTION

- The outlet and plug may be hot during or immediately after use.
- This power outlet is not designed for use with a cigarette lighter unit.
- Do not use with accessories that exceed a 12 volt, 120W (10A) power draw. Do not use double adapters or



Manual transmission models

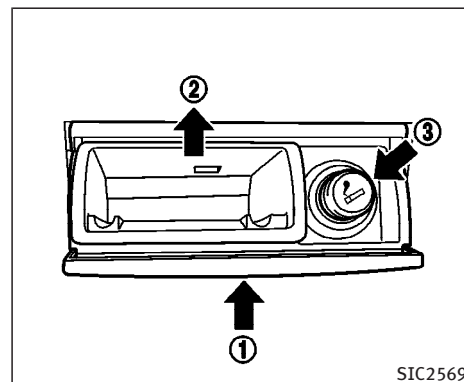
more than one electrical accessory.

- Use power outlets with the engine running to avoid discharging the vehicle battery.
- Avoid using power outlets when the air conditioner, headlights or rear window defroster is on.
- Before inserting or disconnecting a plug, be sure the electrical accessory being used is turned OFF.
- Push the plug in as far as it will go. If good contact is not made, the plug may

overheat or the internal temperature fuse may open.

- When not in use, be sure to close the cap. Do not allow water to contact the outlet.

CIGARETTE LIGHTER AND ASHTRAY



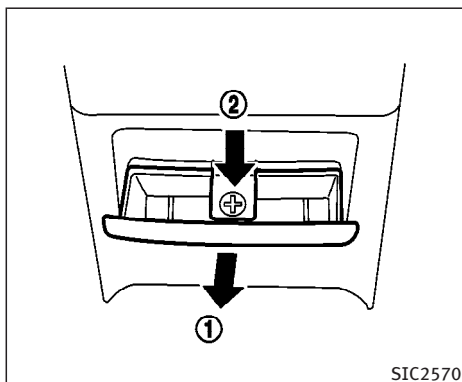
FRONT

To open the ashtray, push ①.

To take out the ashtray, pull out ②.

The cigarette lighter operates when the ignition switch is in the "ACC" or "ON" position. To heat the cigarette lighter, push in ③ until it latches. When the lighter is heated, it will spring out automatically.

Return the cigarette lighter to its original position after use.



REAR

To open the ashtray, pull ①.

To take out the ashtray, push down ②, and pull out.



WARNING

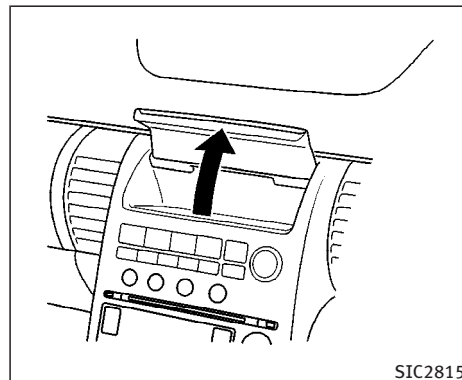
The cigarette lighter should not be used while driving so full attention may be given to vehicle operation.



CAUTION

The cigarette lighter socket is a power source for the cigarette lighter element only. The use of the cigarette lighter socket as a power source for any other accessory is not recommended. Do not use any other power outlet for an accessory lighter.

STORAGE

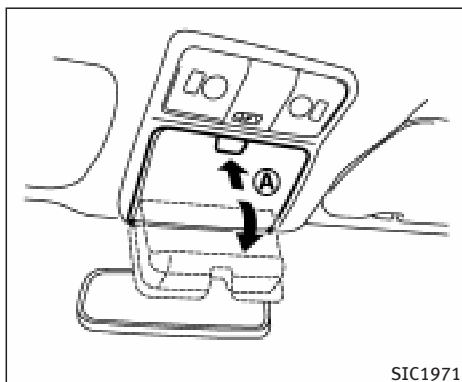


INSTRUMENT POCKET (Except for Navigation system equipped models)



WARNING

The instrument pocket should not be used while driving so full attention may be given to vehicle operation.



SIC1971

SUNGLASSES HOLDER

The sunglasses holder can be opened by pushing the button (A).



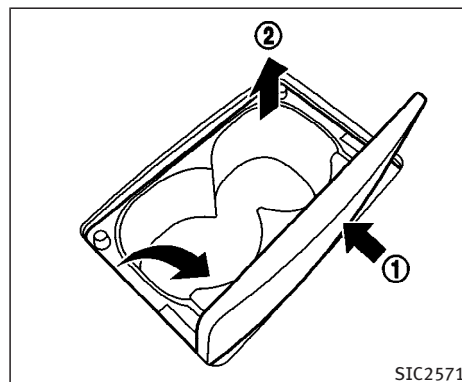
WARNING

- The sunglasses holder should not be used while driving so full attention may be given to vehicle operation.
- Keep the sunglasses holder closed while driving to prevent an accident.



CAUTION

- Do not use for anything other than sunglasses.
- Do not leave sunglasses in the sunglasses holder while parking in direct sunlight. The heat may damage the sunglasses.



SIC2571

Automatic transmission models — Front CUP HOLDER



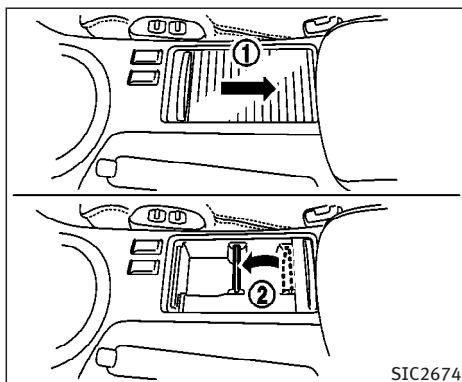
WARNING

The cup holder should not be used while driving so full attention may be given to vehicle operation.

Front (Automatic transmission models):

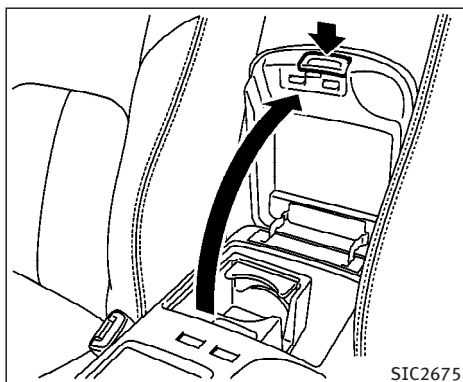
To open the cup holder, push the lid (1).

For larger cups, remove the inside tray (2).

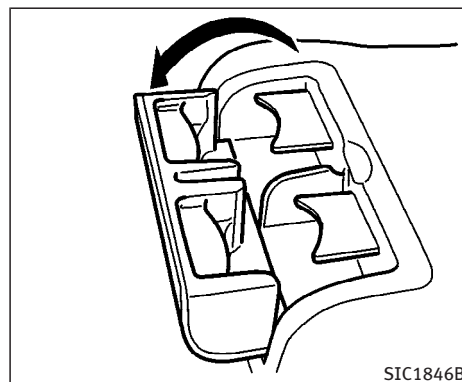


Manual transmission models — Front
Front (Manual transmission models):

To set up the cup holder, slide the lid ① rearward and insert the partition plate into the center slit ②.



Manual transmission models — Console box

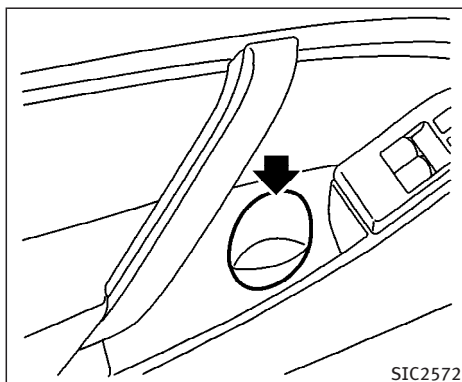


Rear



CAUTION

- Avoid abrupt starting and braking when the cup holder is being used to prevent spilling the drink. If the liquid is hot, it can scald you or your passenger.
- Use only soft cups in the cup holder. Hard objects can injure you in an accident.

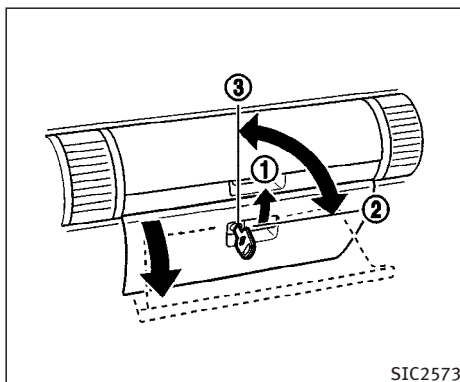


Coupe
Soft bottle holder



CAUTION

The bottle holder should not be used while driving so full attention may be given to vehicle operation.



GLOVE BOX

To open the glove box, pull the handle ①.

To close, push the lid in until the lock latches.

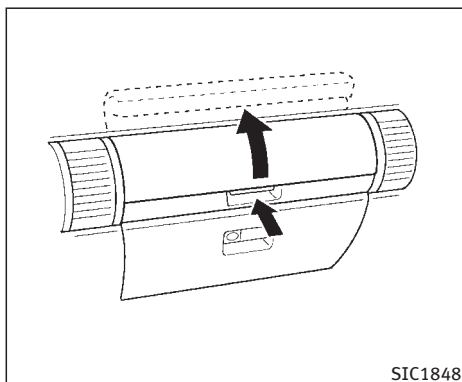
To lock ②/unlock ③ the glove box, use the master key.



WARNING

Keep glove box lid closed while driving to

help prevent injury in an accident or a sudden stop.

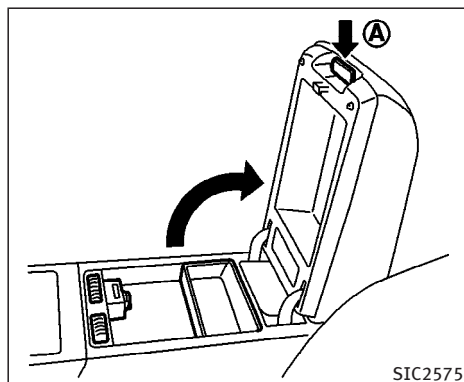


UPPER GLOVE BOX (Except for Navigation system equipped models)



WARNING

Keep upper glove box lid closed while driving to help prevent injury in an accident or a sudden stop.



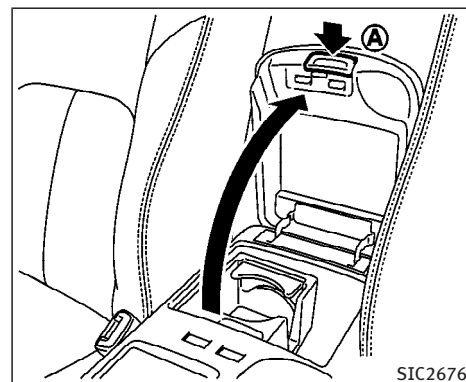
Automatic transmission model CONSOLE BOX

To open the console box, push the button on the front of lid **A**.

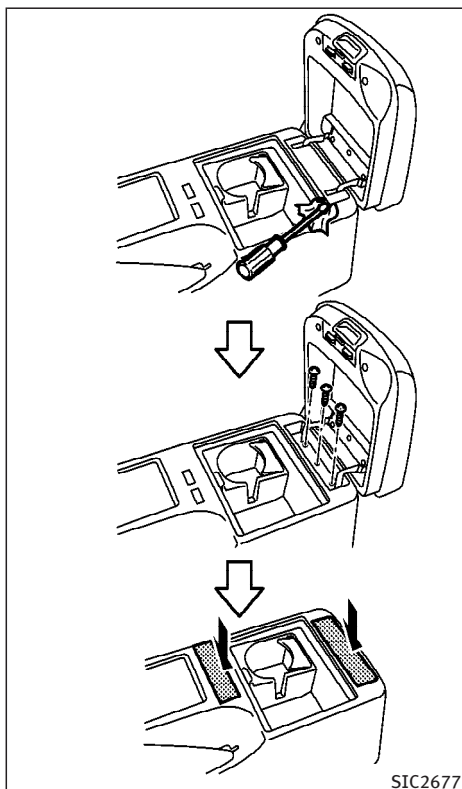


WARNING

The center console box should not be used while driving so full attention may be given to vehicle operation.



Manual transmission model



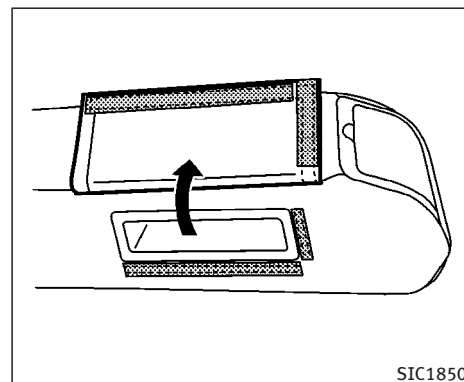
SIC2677

Coupe – Manual transmission model

Coupe (manual transmission model)

To remove the console lid:

1. Remove the original hinge mask. Attach a cloth when using a screwdriver.
2. Loosen 3 screws, and remove the lid.
3. Install the replacement hinge mask and latch cover equipped with coupe manual transmission model.



SIC1850

REAR ARMREST POCKET

The pocket can store a first aid kit, etc.



CAUTION

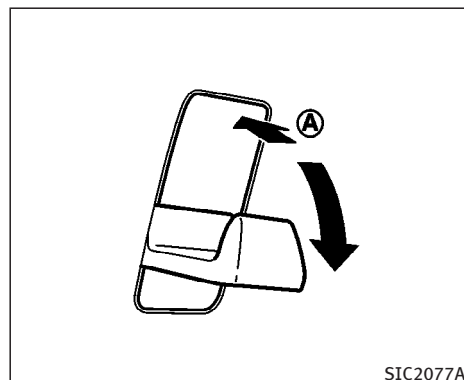
Do not use for heavy articles.

CARD HOLDER (Driver's side)



WARNING

The card holder should not be used while driving so full attention may be given to vehicle operation.



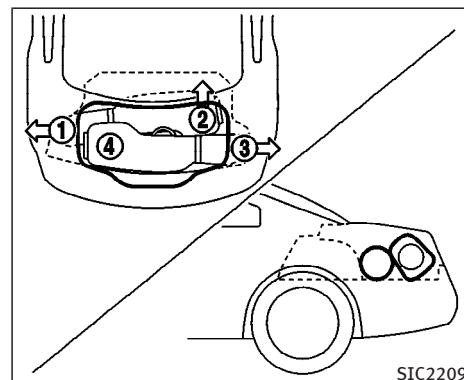
COAT HOOK (Coupe)

To pull out the coat hook, push the hook ① inside and release it.



CAUTION

Avoid hanging heavy goods on the hook.



STOWING GOLF BAGS (Coupe)

Normally, two standard golf bags can be stowed in the trunk. Insert the top of the golf bag into left side of the trunk room ① then put the bag forward ②. Insert the top of the 2nd golf bag into right side of the trunk room ③ and pull it in all the way ④.

Depending on their sizes, in some cases it may not be possible to store two golf bags.

WINDOWS

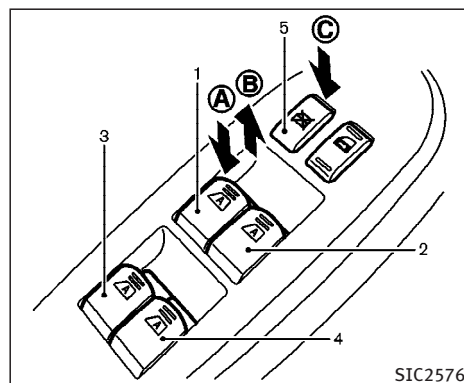
POWER WINDOWS



WARNING

- Make sure that all passengers have their hands, etc. inside the vehicle while it is in motion and before closing the windows. Use the window lock switch to prevent unexpected use of the power windows.
- Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls and become trapped in a window. Unattended children could become involved in serious accidents.

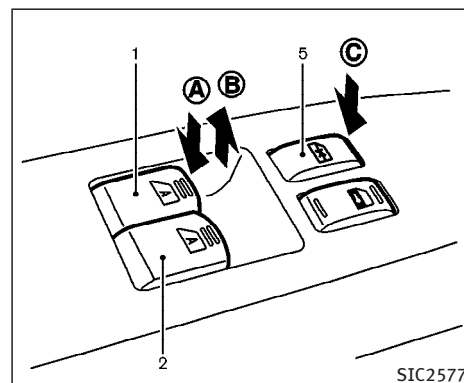
The power windows operate when the ignition key is in the ON position and for about 45 seconds, after the ignition switch is turned to the OFF position. If the driver's door or the front passenger's door is opened during this period of about 45 seconds, power to the windows is canceled.



Sedan — Main switch
Main power window switch
(driver's side)

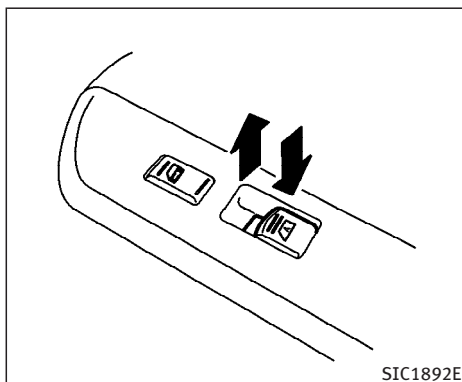
1. Driver side window
2. Front passenger side window
3. Rear left passenger side window
4. Rear right passenger side window
5. Window lock button

To open or close the window, push down Ⓐ or pull up Ⓑ the switch and hold it. The main switch (driver side switches) will open or close all the windows.



Coupe — Main switch
Locking passenger's windows

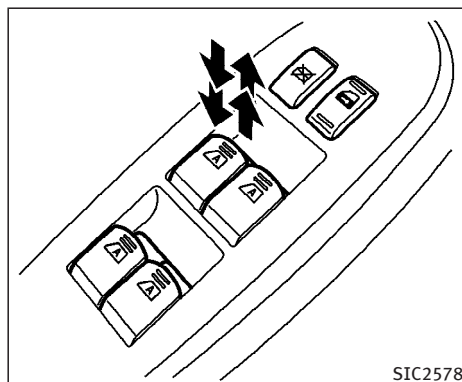
When the lock button Ⓒ is pushed in, only the driver side window can be opened or closed. Push it in again to cancel.



SIC1892E

Front passenger side Passenger side power window switch

The passenger side switch will open or close only the corresponding window. To open or close the window, hold the switch down or up.



SIC2578

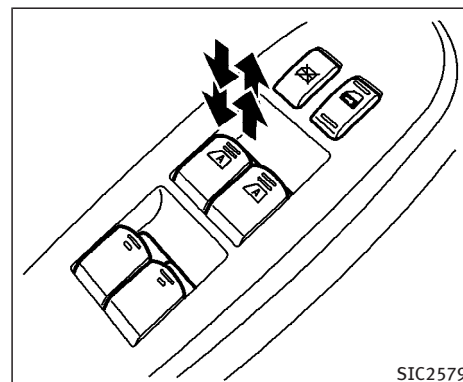
Sedan — Type A

Automatic operation (For front door windows or all door windows, if so equipped)

To fully open or close the window, completely press or lift the switch and release it; it need not be held. The window will automatically open or close all the way. To stop the window, just press or lift the switch in the opposite direction.

Auto reverse function (Automatic operation equipped model)

If the control unit detects something

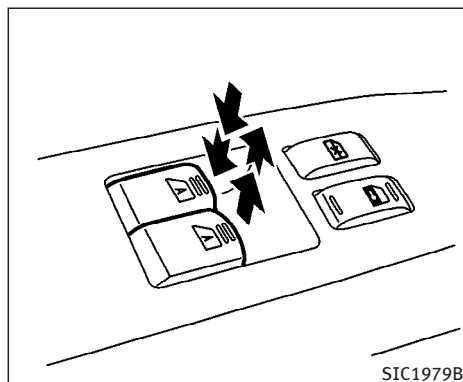


SIC2579

Sedan — Type B

caught in a window as it moves up, the window will be immediately lowered. The auto reverse function can be activated when a window is closed by automatic operation when the ignition switch is in the ON position, or for about 45 seconds after the ignition switch is turned to the OFF position.

Depending on the environment or driving conditions, the auto reverse function may be activated if an impact or load similar to something being caught in the window occurs.



Coupe



WARNING

There are some small distances immediately before the closed position which cannot be detected. Make sure that all passengers have their hands, etc., inside the vehicle before closing the window.

AUTOMATIC ADJUSTING FUNCTION (Coupe)

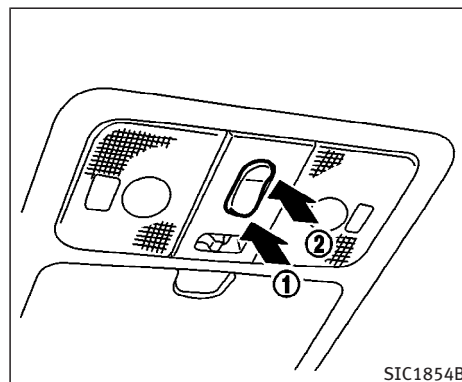


CAUTION

When the battery cable is removed from the battery terminal, do not close either of the front doors. The automatic window adjusting function will not work, and the side roof panel may be damaged.

The power window has an automatic adjusting function. When the door is being opened, the window is automatically lowered slightly to avoid contact between the window and the side roof panel. When the door is closed, the window is automatically raised slightly.

SUNROOF (if so equipped)



AUTOMATIC SUNROOF

The sunroof will only operate when the ignition key is in the ON position.

The automatic sunroof is operational for about 45 seconds, even if the ignition switch is turned to the OFF position. If the driver's door or the front passenger's door is opened during this period of about 45 seconds, power to the sunroof is canceled.

Sliding the sunroof

To fully open or close the sunroof, press the switch to the CLOSE ① or OPEN ②

side for less than 1 second and release it; it need not be held. The roof will automatically open or close all the way. To stop the roof, press the switch once more while it is opening or closing.

To open or close the sunroof and stop on the way, press the switch to the CLOSE ① or OPEN ② side for more than 1 second. The roof will stop when releasing the switch.

Auto reverse function (When closing the sunroof)

If the control unit detects something caught in the sunroof as it moves to the front, the sunroof will immediately open backward.

The auto reverse function can be activated when the sunroof is closed by automatic operation when the ignition switch is in the ON position or for about 45 seconds after the ignition switch is turned to the OFF position.

Depending on the environment or driving conditions, the auto reverse function may be activated if an impact or load similar to something being caught in the sunroof occurs.

2-40 Instruments and controls



WARNING

There are some small distances immediately before the closed position which cannot be detected. Make sure that all passengers have their hands, etc., inside the vehicle before closing the sunroof.

Tilting the sunroof (Sedan)

To tilt up, first close the sunroof, then press and hold the UP ① side of the switch. To tilt down the sunroof, press and hold the DOWN ② side.

Tilting the sunroof (Coupe)

To tilt up, first close the sunroof, then press the UP ① side of the switch and release it; it need not be held. To tilt down the sunroof, press the DOWN ② side.

Sun shade

Open or close the sun shade by sliding it backward or forward.

The shade will open automatically when the sunroof is opened. However, it must be closed manually.



WARNING

- In an accident you could be thrown from the vehicle through an open sunroof. Always use seat belts and child restraints.
- Do not allow anyone to stand up or extend any portion of their body out of the sunroof opening while the vehicle is in motion or while the sunroof is closing.



CAUTION

- Remove water drops, snow, ice or sand from the sunroof before opening.
- Do not place any heavy object on the sunroof or surrounding area.

If the sunroof does not close

If the sunroof does not close or open automatically, use the following procedure to return sunroof operation to normal.

Sedan:

1. Press the switch to the CLOSE/UP ① side to tilt up the sunroof. Release the switch when the sunroof is in the fully tilted up position.
2. Press and hold the switch to the CLOSE/UP ① side for approximately 10 seconds until the sunroof moves automatically.
Continue to press and hold the switch while the sunroof operates automatically. Do not release the switch.
3. Release the switch when the sunroof stops.
4. If the sunroof does not operate properly after step 4, repeat the procedure starting with step 1.

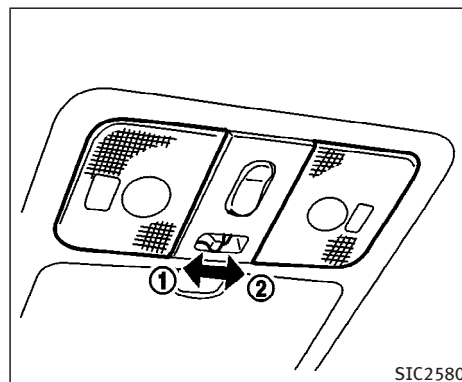
Coupe:

1. Press the switch to the CLOSE/UP ① side to tilt up the sunroof.
2. Release the switch when the sunroof is in the fully tilted up position.
3. Press and hold the switch to the CLOSE/UP ① side for approximately 10 seconds until the sunroof automatically closes.

4. Release the switch when the sunroof stops.
5. Press and hold the switch to the CLOSE/UP ① side for approximately 4 seconds until the sunroof moves automatically.
Continue to press and hold the switch while the sunroof operates automatically. Do not release the switch.
6. Release the switch when the sunroof stops.
7. If the sunroof does not operate properly after step 6, repeat the procedure starting with step 1.

Have an INFINITI dealer check and repair the sunroof.

INTERIOR LIGHTS



ROOM LIGHT

The room light has a two-position switch.

When the switch is in the door position ①, the room light will illuminate when a door is opened.

The light will stay on for about 30 seconds when:

- The doors are unlocked by the keyfob, a key or the power door lock switch while all doors are closed.
- The driver's door is opened and then

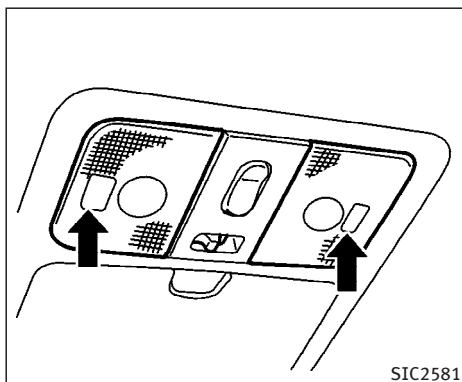
closed while the key is removed from the ignition switch.

- The key is removed from the ignition switch while all doors are closed.

The light will turn off while the 30 second timer is activated, when:

- The driver's door is locked either with the keyfob, a key or the power door lock switch.
- The ignition switch is turned ON.

When the switch is in the "OFF" position ②, the room light does not illuminate, regardless of any condition.



MAP LIGHT

When the switch is pushed in, the light will turn on. When the switch is pushed again, the light will turn off.

When the map light switch is in the ON position, it will automatically turn off 30 minutes after the ignition switch has been turned to the OFF position. To turn on the light again, turn the ignition switch to the ON position.

The map, personal, and vanity mirror lights will automatically turn off 30 minutes after the latest operation of the fol-

lowing with the ignition switch in the ACC or OFF position:

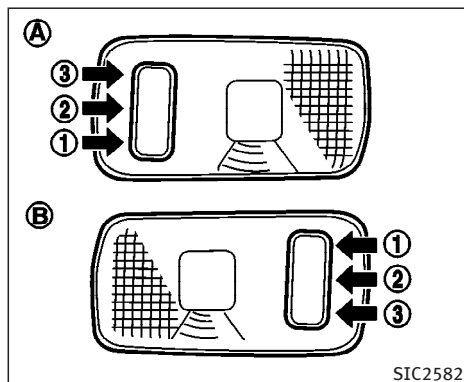
- Opening or closing any door
- Locking or unlocking with the keyfob, a key or the power door lock switch.
- Inserting or removing a key from the ignition switch

These lights will turn on again when any of the above operations is performed after the lights have turned off automatically. (The lights will turn off 30 minutes after the latest operation of the above as well.)



CAUTION

- Turn off the map, personal and vanity mirror lights when you leave the vehicle.
- Do not use for extended periods of time with the engine stopped. This could result in a discharged battery.



REAR PERSONAL LIGHT

- Ⓐ: Left-hand side
- Ⓑ: Right-hand side

The rear personal light has a three-position switch.

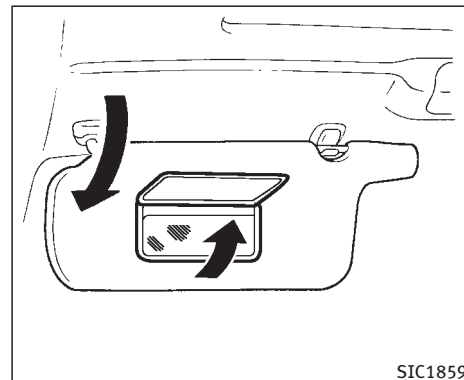
When the switch is in the door position ②, the light will illuminate when the rear door is opened.

When the rear personal light switch is in the “ON” position ①, the rear personal lights illuminate, regardless of any condition.

When the switch is in the “OFF” ③ position, the rear personal lights do not illuminate, regardless of any condition.

When the personal light switch is in the ON position, it will automatically turn off 30 minutes after the ignition switch has been turned to the OFF position. To turn on the light again, turn the ignition switch to the ON position.

VANITY MIRROR LIGHT (if so equipped)



The light on the vanity mirror will turn on when the cover on the vanity mirror is opened.

When the vanity mirror light stays on, it will automatically turn off 30 minutes after the ignition switch has been turned to the OFF position. To turn on the light again, turn the ignition switch to the ON position.

TRUNK LIGHT

The light illuminates when the trunk lid is opened. When the trunk lid is closed, the light will go off.

When the trunk light stays on, it will automatically turn off 30 minutes after the ignition switch has been turned to the OFF position. To turn on the light again, turn the ignition switch to the ON position.

HomeLink® UNIVERSAL TRANSCEIVER (if so equipped)

The HomeLink® Universal Transceiver provides a convenient way to consolidate the functions of up to three individual hand-held transmitters into one built-in device.

HomeLink® Universal Transceiver:

- Will operate most Radio Frequency (RF) devices such as garage doors, gates, home and office lighting, entry door locks and security systems.
- Is powered by your vehicle's battery. No separate batteries are required. If the vehicle's battery is discharged or is disconnected, HomeLink® will retain all programming.

Once the HomeLink® Universal Transceiver is programmed, retain the original transmitter for future programming procedures (i.e., new vehicle purchases). Upon sale of the vehicle, the programmed HomeLink® Universal Transceiver buttons should be erased for security purposes. For additional information, refer to "Programming HomeLink®" later in this section.



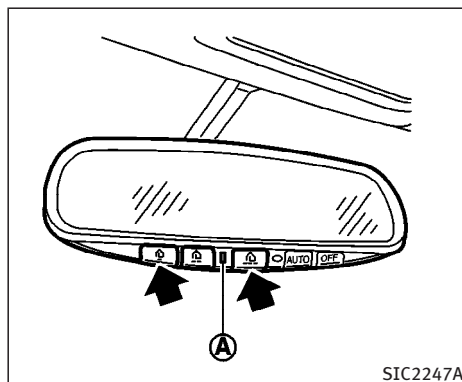
WARNING

- Do not use the HomeLink® Universal Transceiver with any garage door opener that lacks safety stop and reverse features as required by federal safety standards. (These standards became effective for opener models manufactured after April 1, 1982.) A garage door opener which cannot detect an object in the path of a closing garage door and then automatically stop and reverse, does not meet current federal safety standards. Using a garage door opener without these features increases the risk of serious injury or death.
- During the programming procedure, your garage door or security gate will open or close (if the transmitter is within range). Make sure that people or objects are clear of the garage door, gate, etc. that you are programming.
- Your vehicle's engine should be turned off while programming the HomeLink®

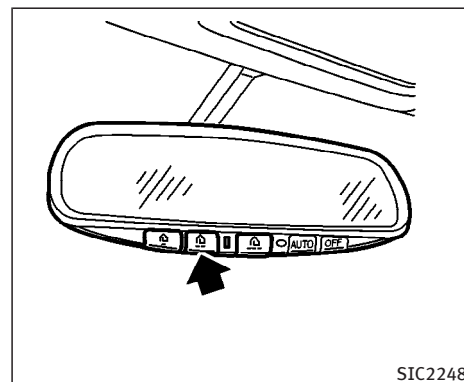
Universal Transceiver.

PROGRAMMING HomeLink®

To program your HomeLink® Transceiver to operate a garage door, gate, or entry door opener, home or office lighting, you need to be at the same location as the device. Note: Garage door openers (manufactured after 1996) have “rolling code protection”. To program a garage door opener equipped with “rolling code protection”; you will need to use a ladder to get up to the garage door opener motor to be able to access the “training” program button.



1. To begin, press and hold the 2 outer HomeLink® buttons (to clear the memory) until the indicator light (A) blinks (after 20 seconds). Release both buttons.
2. Position the end of the hand-held transmitter 1 - 3 inches (26 - 76 mm) away from the HomeLink® surface.



3. Using both hands, simultaneously press and hold both the HomeLink® button you want to program and the hand-held transmitter button. DO NOT release the buttons until step 4 has been completed.
4. Hold down both buttons until the indicator light on the HomeLink® flashes, changing from a “slow blink” to a “rapid blink”. When the indicator light flashes rapidly, both buttons may be released. The rapidly flashing light indicates successful programming. To activate the garage door or other pro-

grammed device, press and hold the programmed HomeLink[®] button - releasing when the device begins to activate.

5. If the indicator light on the HomeLink[®] blinks rapidly for two seconds and then turns solid, HomeLink[®] has picked up a “rolling code” garage door opener signal. You will need to proceed with the next steps to train the HomeLink[®] to complete the programming which may require a ladder and another person for convenience.
6. Press and release the training button located on the garage door opener’s motor to activate the “training mode”. This button is usually located near the antenna wire that hangs down from the motor. If the wire originates from under a light lens, you will need to remove the lens to access the training button.

NOTE:

Once you have pressed and released the training button on the garage door opener’s motor and the “training light” is lit, you have 30 seconds in which to perform step 7. Use the help of a second person

for convenience to assist when performing this step.

7. Quickly within 30 seconds of pressing and releasing the garage door opener program button, firmly press and release the HomeLink[®] button you’ve just programmed. Press and release the HomeLink[®] button up to three times to complete the training.
8. Your HomeLink[®] button should now be programmed.
To program the remaining HomeLink[®] buttons for additional door or gate openers, follow steps 2-8 only.

NOTE:

Do not repeat step one unless you want to “clear” all previously programmed HomeLink[®] buttons.

If you have any questions or are having difficulty programming your HomeLink[®] buttons, refer to the HomeLink[®] web site at: www.homelink.com or call 1-800-355-3515.

PROGRAMMING HomeLink[®] FOR CANADIAN CUSTOMERS

Prior to 1992, D.O.C. regulations required hand-held transmitters to stop transmit-

ting after 2 seconds. To program your hand-held transmitter to HomeLink[®], continue to press and hold the HomeLink[®] button (note steps 2 through 4 under “Programming HomeLink[®]”) while you press and re-press (“cycle”) your hand-held transmitter every 2 seconds until the indicator light flashes rapidly (indicating successful programming).

NOTE:

If programming a garage door opener, etc., it is advised to unplug the device during the “cycling” process to prevent possible damage to the garage door opener components.

OPERATING THE HomeLink[®] UNIVERSAL TRANSCEIVER

The HomeLink[®] Universal Transceiver (once programmed) may now be used to activate the garage door, etc. To operate, simply press the appropriate programmed HomeLink[®] Universal Transceiver button. The red indicator light will illuminate while the signal is being transmitted.

PROGRAMMING TROUBLE DIAGNOSIS

If the HomeLink[®] does not quickly learn

the hand-held transmitter information:

- replace the hand-held transmitter batteries with new batteries.
- position the hand-held transmitter with its battery area facing away from the HomeLink[®] surface.
- press and hold both the HomeLink[®] and hand-held transmitter buttons without interruption.
- position the hand-held transmitter 2 to 5 inches (50 to 127 mm) away from the HomeLink[®] surface. Hold the transmitter in that position for up to 15 seconds. If HomeLink[®] is not programmed within that time, try holding the transmitter in another position - keeping the indicator light in view at all times.

If you continue to have programming difficulties, please contact the INFINITI Consumer Affairs Department. The phone numbers are located in the Foreword of this Owner's Manual.

CLEARING THE PROGRAMMED INFORMATION

Individual buttons cannot be cleared, however to clear all programming, press

and hold the two outside buttons and release when the indicator light begins to flash (approximately 20 seconds).

REPROGRAMMING A SINGLE HomeLink[®] BUTTON

To reprogram a HomeLink[®] Universal Transceiver button, complete the following.

1. Press and hold the desired HomeLink[®] button. **Do not** release the button until step 4 has been completed.
2. When the indicator light begins to flash slowly (after 20 seconds), position the hand-held transmitter 2 to 5 inches (50 to 127 mm) away from the HomeLink[®] surface.
3. Press and hold the hand-held transmitter button.
4. The HomeLink[®] indicator light will flash, first slowly and then rapidly. When the indicator light begins to flash rapidly, release both buttons.

The HomeLink[®] Universal Transceiver button has now been reprogrammed. The new device can be activated by pushing the HomeLink[®] button that was just programmed. This procedure will not affect

any other programmed HomeLink[®] buttons.

IF YOUR VEHICLE IS STOLEN

If your vehicle is stolen, you should change the codes of any non-rolling code device that has been programmed into HomeLink[®]. Consult the Owner's Manual of each device or call the manufacturer or dealer of those devices for additional information.

When your vehicle is recovered, you will need to reprogram the HomeLink[®] Universal Transceiver with your new transmitter information.

FCC Notice:

This device complies with FCC rules part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

The transmitter has been tested and complies with FCC and DOC/MDC rules. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

DOC: ISTC 1763K1313

FCC I.D.: CB2V67690

MEMO

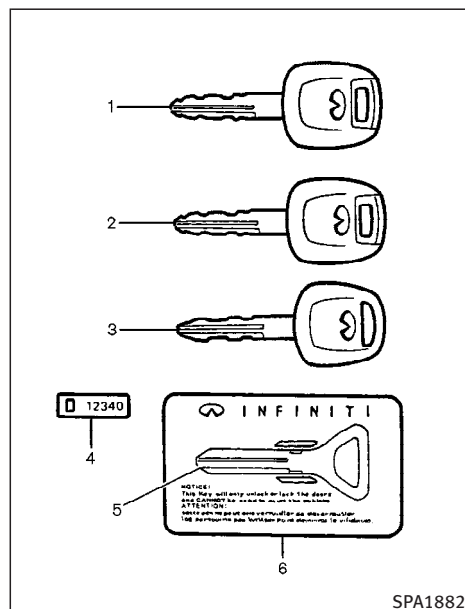
MEMO

3 Pre-driving checks and adjustments

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KEYS (except Intelligent Key)



1. Master key 1 (With built-in transponder chip), INFINITI MARK: silver
2. Master key 2 (With built-in transponder chip), INFINITI MARK: silver
3. Valet key (With built-in transponder chip), INFINITI MARK: Black

3-2 Pre-driving checks and adjustments

4. Key number plate
5. Wallet key
6. Key case (Card type)

A key number plate is supplied with your keys. Record the key number and keep it in a safe place (such as your wallet), not in the vehicle. If you lose your keys, see an INFINITI dealer for duplicates by using the key number.

A key number is necessary when you have lost all keys and do not have one to duplicate from. If you still have a key, an INFINITI dealer can duplicate it.

INFINITI VEHICLE IMMOBILIZER SYSTEM (IVIS) KEYS

You can only drive your vehicle using the master or valet keys which are registered to the Infiniti Vehicle Immobilizer System components in your vehicle. These keys have a transponder chip in the key head.

The master key can be used for all the locks.

The valet key cannot be used for glove box lock.

To protect belongings when you leave a key with someone, give them the valet key only.

Never leave these keys in the vehicle.

Infiniti Vehicle Immobilizer System KEY — Master and Valet keys:

If you still have a key, the key number is not necessary when you need extra Infiniti Vehicle Immobilizer System keys. An INFINITI dealer can duplicate it. As many as 5 IVIS keys can be used with one vehicle. You should bring all IVIS keys that you have to an INFINITI dealer for registration. This is because the registration process will erase the memory of all key codes previously registered into the Infiniti Vehicle Immobilizer System. After the registration process, these components will only recognize keys coded into the Infiniti Vehicle Immobilizer System (IVIS) during registration. Any key that is not given to your dealer at the time of registration will no longer be able to start your vehicle.

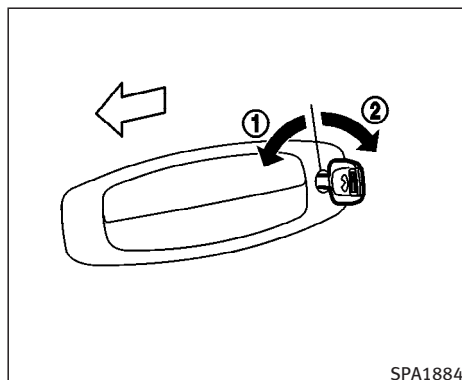
Do not allow the immobilizer system key, which contains an electrical transponder, to come into contact with salt water. This could affect system function.

DOORS



WARNING

- Always have the doors locked while driving. Along with the use of seat belts, this provides greater safety in the event of an accident by helping to prevent persons from being thrown from the vehicle. This also helps keep children and others from unintentionally opening the doors, and will help keep out intruders.
- Before opening any door, always look for and avoid oncoming traffic.
- Do not leave children unattended inside the vehicle. They could unknowingly activate switches or controls. Unattended children could become involved in serious accidents.



SPA1884

LOCKING WITH KEY

Power

The power door lock system allows you to lock or unlock all doors, trunk lid and the fuel filler lid.

- Turning the door key cylinder to the front of the vehicle ① will lock all doors, trunk lid and fuel filler lid.
- Turning the door key cylinder to the rear of the vehicle ② once will unlock the driver's door.
Turning the door key cylinder to the rear of the vehicle again within 5 sec-

onds will unlock all doors, the trunk lid and the fuel filler lid.

WINDOWS OPEN/CLOSE WITH KEY

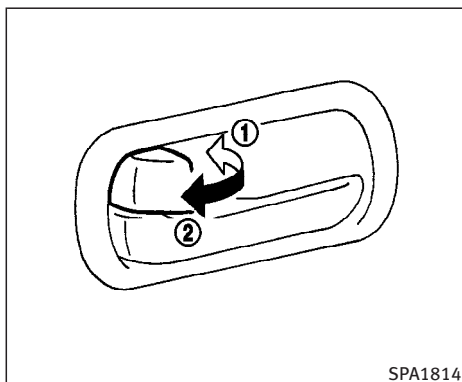
To open the door windows, turn the door key cylinder to the rear of the vehicle and hold the key for about 1 second.

To stop opening, return the door key cylinder to the neutral position by turning the key.

To close the door windows, turn the door key cylinder to the front of the vehicle and hold the key for about 1 second.

To stop closing, return the door key cylinder to the neutral position by turning the key.

In the event of an obstruction, such as a hand, in the way of door windows, the auto reverse function will activate.

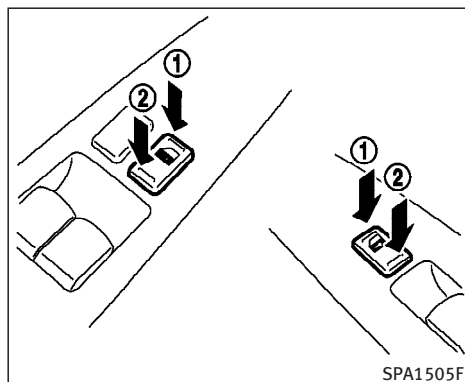


LOCKING WITH INSIDE LOCK KNOB

To individually lock the doors, push the inside lock knob down to the LOCK position ①, then close the door.

When locking the door using inside lock knob, be sure not to leave the key inside of the vehicle.

To unlock, pull the inside lock knob up to the UNLOCK position ②.



LOCKING WITH POWER DOOR LOCK SWITCH

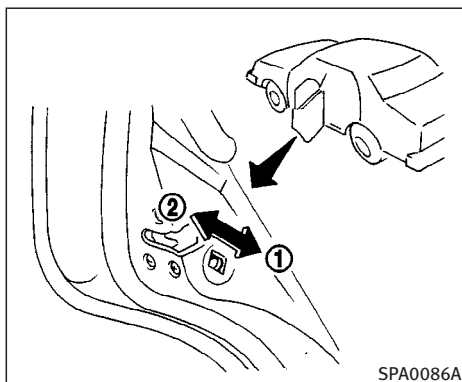
All doors will be locked when the power door lock switch is pushed to the LOCK position ① with the driver's or front passenger's door open. Then close the door and all doors will be locked.

When locking the door this way, be certain not to leave the key inside the vehicle.

To unlock, push the power door lock switch to the UNLOCK position ②.

Lockout protection

When the power door lock switch (driver or front passenger) is moved to the LOCK position with the key in the ignition and any door open, all doors will lock and unlock automatically. This helps to prevent the keys from being accidentally locked inside the vehicle.



CHILD SAFETY REAR DOOR LOCK (Sedan)

Child safety rear door lock helps prevent rear doors from being opened accidentally, especially when small children are in the vehicle.

When the levers are in the LOCK ① position, the rear doors can be opened by the outside door handles only.

To disengage, move the levers to the unlock position ②.

REMOTE KEYLESS ENTRY SYSTEM (models without Intelligent Key system)

It is possible to lock/unlock all doors, trunk lid and fuel filler lid and activate the panic alarm by using the keyfob from outside the vehicle.

Before locking the doors, make sure the key is not left in the vehicle.

The keyfob can operate at a maximum distance of approximately 33 ft (10 m) away from the vehicle. (The operating distance depends upon the conditions around the vehicle.)

As many as 5 keyfobs can be used with one vehicle. For information about purchase and use of additional keyfobs, contact an INFINITI dealer.

The keyfob will not function when:

- the battery is completely discharged,
- the distance between the vehicle and the keyfob is more than 33 ft (10 m).

The panic alarm will not activate when the key is in the ignition switch.

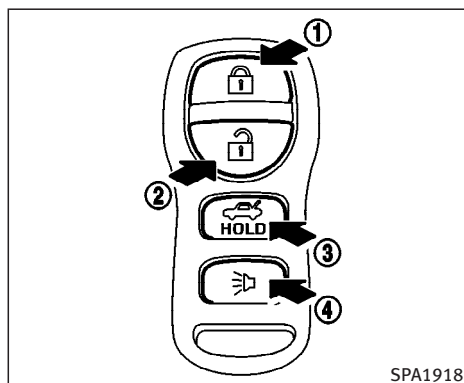


CAUTION

The following conditions or occurrences may damage the keyfob.

- Do not allow the keyfob to become wet.
- Do not drop the keyfob.
- Do not strike the keyfob sharply against another object.
- Do not place the keyfob for an extended period in an area where temperatures exceed 140°F (60°C).

If a keyfob is lost or stolen, INFINITI recommends erasing the ID code of that keyfob. This will prevent the keyfob from unauthorized use to unlock the vehicle. For information regarding the erasing procedure, please contact an INFINITI dealer.



HOW TO USE THE REMOTE KEYLESS ENTRY SYSTEM

Setting hazard indicator and horn mode

The factory setting of the remote keyless entry system is in hazard indicator and horn mode.

In hazard indicator and horn mode, when the LOCK button ① is pushed, the hazard indicator flashes twice and the horn chirps once. When the UNLOCK button ② is pushed, the hazard indicator flashes once.

3-6 Pre-driving checks and adjustments

If horn chirps are not necessary, the system can be switched to hazard indicator mode.

In hazard indicator mode, when the LOCK button is pushed, the hazard indicator flashes twice. When the UNLOCK button is pushed, neither the hazard indicator nor the horn operates.

(Switching procedure)

Push the LOCK ① and UNLOCK ② buttons on the keyfob simultaneously for more than 2 seconds to switch from one mode to the other.

When pushing the buttons to set hazard indicator only mode, the hazard indicator flashes 3 times.

When pushing the buttons to set hazard indicator and horn mode, the hazard indicator flashes once and the horn chirps once.

OPERATION GUIDE

| MODE (Push "LOCK" and "UNLOCK" buttons for more than 2 seconds to switch) | Switching indicator | LOCK | UNLOCK |
|---|------------------------------|-------------------------------|---------------|
| Hazard indicator and horn mode → HAZARD INDICATOR MODE | HAZARD – 3 times | HAZARD – twice | No operation |
| Hazard indicator mode → HAZARD INDICATOR AND HORN MODE | HAZARD – once HORN – once | HAZARD – twice HORN – once | HAZARD – once |

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Locking doors and fuel filler lid

1. Remove the ignition key.*1,*2
2. Close all doors.*3
3. Push the LOCK button ① on the keyfob.
4. All doors, the trunk lid and the fuel filler lid will lock.

All doors will lock when the LOCK button on the keyfob is pushed even though a door remains open and/or the ignition key is in any position.

5. The hazard indicator flashes twice and

the horn chirps once.

- When the LOCK button is pushed with all doors locked, the hazard indicator flashes twice and the horn chirps once as a reminder that the doors are already locked.

- *1: Doors lock with the keyfob while a key is in the ignition switch. However, the panic alarm will not activate when the key is in the ignition switch.
- *2: Doors lock with the keyfob while the ignition switch is in the ON position. However, the switching indicators will

not function.

- *3: Doors lock with the keyfob while any door is open. However, the switching indicators will not function.

Unlocking doors and fuel filler lid

1. Push the UNLOCK button ② on the keyfob once.

- The driver's door and fuel filler lid unlock
- The hazard indicator flashes once if all doors are completely closed with the ignition switch in any position except in the ON position.
- The interior light timer activates and the interior light comes on for 30 seconds when the interior light switch is at the DOOR position with the ignition key in any position except in the ON position.

2. Push the UNLOCK button on the keyfob again within 5 seconds.

- All doors and trunk lid unlock
- The hazard indicator flashes once if all doors are completely closed.

All doors will be locked automatically unless one of the following operations is

performed within 1 minute of pressing the UNLOCK button.

- opening any door.
- opening trunk lid.
- turning the ignition switch to the ON position

The interior light can be turned off without waiting for 30 seconds by turning the ignition switch to the ON position or by locking the doors with the keyfob.

Opening the windows

Push the UNLOCK button ② on the keyfob.

The driver's door and fuel filler lid will unlock.

Continue to press the UNLOCK button for more than 3 seconds. The door windows will start to lower.

Continue to press the UNLOCK button until windows are fully open.

To stop the windows lowering operation, release the UNLOCK button.

To start the windows lowering operation, press the UNLOCK button again for more than 3 seconds.

3-8 Pre-driving checks and adjustments

Releasing the trunk lid

1. Push the TRUNK button ③ on the keyfob for longer than 0.5 seconds when the ignition switch is in any position except the ON position.
2. The trunk lid opens.

The trunk lid cannot be opened by operating the keyfob when the ignition switch is in the ON position.

Using the panic alarm

If you are near your vehicle and feel threatened, you may activate the alarm to call attention as follows:

1. Push the PANIC button ④ on the keyfob for **longer than 0.5 seconds** with the key removed from the ignition switch.
2. The theft warning alarm and headlights will stay on for 25 seconds.
3. The panic alarm stops when:
 - It has run for 25 seconds, or
 - The LOCK or the UNLOCK button on keyfob is pressed, or

- The PANIC or the TRUNK button is pushed on keyfob.

INTELLIGENT KEY SYSTEM (if so equipped)

The Intelligent Key uses coded radio signals to communicate with the vehicle. When the Intelligent Key is near the vehicle, such as in your pocket or purse, it allows the vehicle to be locked, unlocked, or started without inserting the ignition key. It is also possible to use the remote control entry function.



CAUTION

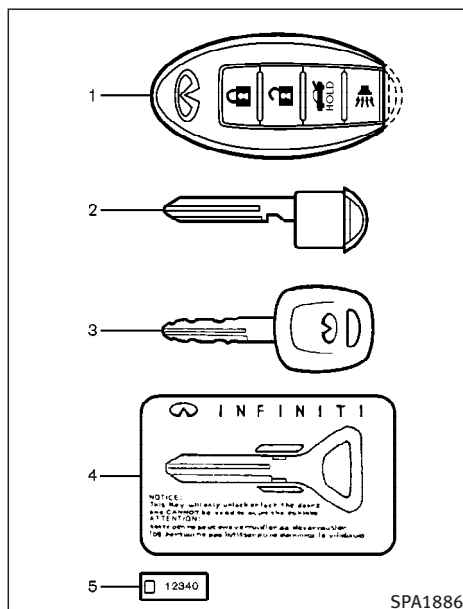
- Be sure to carry the Intelligent Key with you.
 - Do not leave the vehicle with the Intelligent Key inside.
-
- The Intelligent Key may not function correctly depending on the environment or operating conditions. It could also malfunction if you do not use it correctly.
 - The Intelligent Key transmits faint radio waves.

In the following situations, the Intelligent Key and remote control entry functions may not operate correctly, and you may have to use the metal

key (mechanical key, valet key or wallet key):

- when there are strong signals coming from a television tower, power station or broadcasting station.
 - when you have wireless equipment or a cellular phone with you.
 - when the Intelligent Key is in contact with or covered by a metallic material.
 - when radio wave-type remote control entry is used nearby.
 - when the Intelligent Key is placed near an electric appliance such as a personal computer.
-
- The Intelligent Key continually consumes battery power as the key receives a signal to communicate with the vehicle. Battery life is about 2 years, although it varies depending on the operating conditions. When the battery of the Intelligent Key is low, the green blinking key warning light goes out about 30 seconds after the ignition knob is turned to ON. If the battery runs down, replace it with a new one.

- If the Intelligent Key receives strong signal over an extended period of time, the battery could quickly run down. Do not place the Intelligent Key near an electric appliance such as a television set or personal computer.
- Because the ignition knob is electronically controlled, if the battery is completely discharged when the ignition knob is in the LOCK position, the steering lock cannot be released and the ignition knob cannot be turned (including the mechanical key). Be careful not to completely discharge the battery.
- In case the battery is completely discharged, make sure to recharge the battery immediately.



- Intelligent Key 2 sets
- Mechanical key (metal key)* 2 sets
- Valet key (metal key)* 1 set
- Wallet key and key case (card type) (metal key) 1 set
- Key number plate 1 set

3-10 Pre-driving checks and adjustments

*: Refer to “INFINITI vehicle immobilizer system (IVIS) keys” earlier in this section.



WARNING

- The Intelligent Key transmits radio waves that can adversely affect medical electric equipment.
- If you have a pacemaker, you should contact the medical equipment manufacturer to ask if it will be affected by the Intelligent Key signal.

The valet key cannot be used for the glove box lock.

To protect belongings when you leave a key with someone, give them the valet key only.

Record the key number on the key number plate/metal tag and keep it in a safe place (such as your wallet), NOT IN THE VEHICLE. A key number plate is supplied with your key. Keep the plate in a safe place. INFINITI does not record key numbers so it is very important to keep track of your key number plate.

As many as 4 Intelligent Key can be used with one vehicle. For information concerning the purchase and use of additional remote controllers, contact an INFINITI dealer.

It is possible that the Intelligent Key functions can become cancelled. Please contact an INFINITI dealer.



CAUTION

Be sure to carry the Intelligent Key with you when driving. The Intelligent Key is a precision device with a built-in transmitter. To avoid damaging it, please note the following.

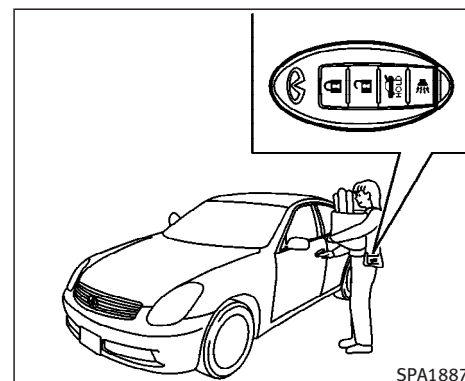
- The Intelligent Key is water resistant, wetting may damage the Intelligent Key. If the Intelligent Key gets wet, immediately wipe until it is completely dry.
- Do not bend, drop or strike it against another object.
- Do not place the Intelligent Key for an extended period in a place where temperatures exceed 140°F (60°C).

- Do not change or modify the Intelligent Key.
- Do not use a magnet key holder.
- Do not place the Intelligent Key near an electric appliance such as a television set or personal computer.
- Do not place the Intelligent Key in a storage area (for example, a door pocket or glove box). It could be damaged or activated unexpectedly.
- Do not allow the Intelligent Key to come into contact with water or salt water, and do not wash it in a washing machine. This could affect the system function.

If an Intelligent Key is lost or stolen, INFINITI recommends erasing the ID code of that Intelligent Key. This will prevent the Intelligent Key from unauthorized use to unlock the vehicle. For information regarding the erasing procedure, please contact an INFINITI dealer.

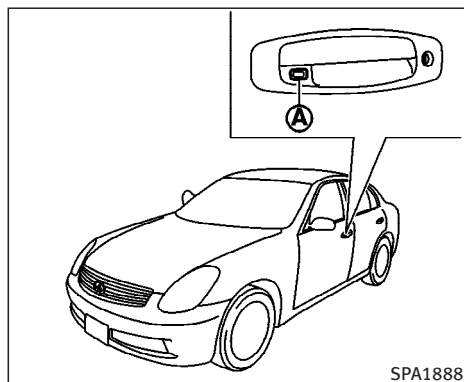
DOOR LOCKS/UNLOCKS PRECAUTION

- After locking with the door handle request switch, make sure the doors are securely locked.
- To prevent the Intelligent Key from being left inside the vehicle, make sure you carry the key with you and then lock the doors.
- To prevent the Intelligent Key from being left inside the trunk, make sure you carry the key with you and then close the trunk.
- You can lock or unlock the doors using only the door handle, which detects the Intelligent Key.
- When you try to unlock the door while pulling the door handle, the door may not unlock. In this case, release the door handle and the door will unlock. Pull the door handle again and the door will open.



INTELLIGENT KEY OPERATION

You can lock or unlock the doors without taking the key out from your pocket or purse.



When you carry the Intelligent Key with you, you can lock or unlock all doors by pushing the door handle request switch **A** within the range of operation.

Locking doors and fuel filler lid

1. Turn the ignition knob to the LOCK position and remove the ignition key if any metal key is in the ignition knob.*1, *2
2. Close all the doors.*3
3. Push any door handle request switch while carrying the Intelligent Key with you.*4

3-12 Pre-driving checks and adjustments

4. All the doors and fuel filler lid will lock.
5. The hazard indicator flashes twice and outside buzzer sounds twice.

- *1: Doors lock with the Intelligent Key while a mechanical key or valet key is in the ignition switch.
- *2: Doors lock with the Intelligent Key while the ignition knob is not in the LOCK position.
- *3: Doors do not lock by pushing the door handle request switch or the LOCK button on the Intelligent Key while any door is open. Outside buzzer sounds to warn you. However, doors lock with the metal key even if any door is open.
- *4: Doors do not lock with door handle request switch with the Intelligent Key inside the vehicle and outside buzzer sounds to warn you. However, when an Intelligent Key is inside the vehicle, doors can be locked with another Intelligent Key.

Unlocking doors and fuel filler lid

1. Push the door handle request switch once.

Driver's side:

- The driver door and fuel filler lid unlock.

Front passenger side:

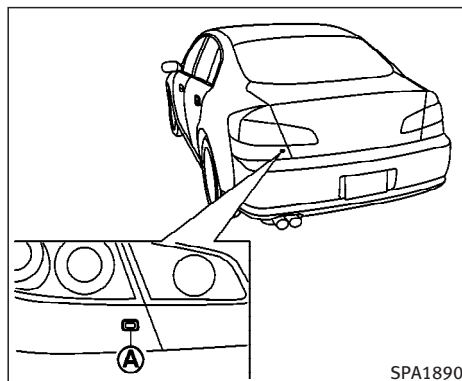
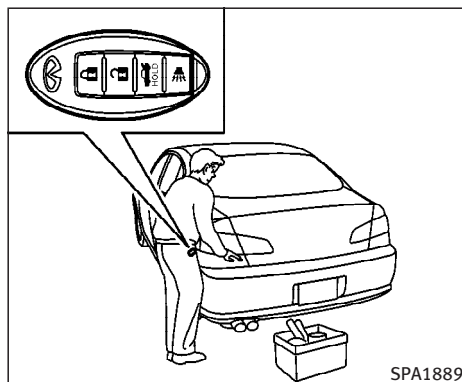
- Only corresponding door unlocks.
2. The hazard indicator flashes once and outside buzzer sounds once if all doors are completely closed with the ignition switch in any position except the ON position.
 3. Push the door handle request switch again within 5 seconds.
 - All doors and the fuel filler lid unlock.
 - The hazard indicator flashes once and outside buzzer sounds once if all doors are completely closed.

All doors will be locked automatically after pressing the door handle request switch unless one of the following operations is performed within 1 minute.

- any door is opened
- the ignition knob is pushed
- the mechanical key or the valet key is inserted into the ignition knob

The interior light, ceiling light (if so

equipped) and step light can be turned off without waiting for 30 seconds by turning the ignition switch to the ON position or by locking the doors.



Opening trunk lid

1. Push the trunk open request switch **(A)**.
2. The trunk will be unlatched and buzzer sounds four times.
3. Raise the trunk lid to open the trunk.

Lockout protection:

To prevent the Intelligent Key from being accidentally locked in the trunk, lockout protection is equipped with the Intelligent Key system.

When the trunk lid is closed with the Intelligent Key inside the trunk, the outside buzzer will sound and the trunk will open.

OPENING AND CLOSING WINDOWS

- To open the windows, push the UNLOCK button on the Intelligent Key for **about 3 seconds** or turn the door key cylinder with the metal key to the rear of the vehicle for **about 2 seconds** after the door is unlocked.

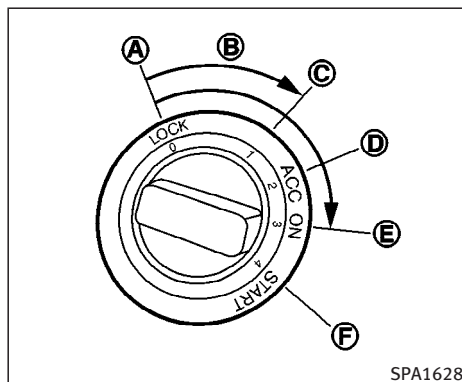
To stop opening, release the UNLOCK button or turn the key to the neutral position.

- To close the windows, turn the door

key cylinder to the front of the vehicle for **about 2 seconds** after the door is locked.

To stop closing, turn the key to the neutral position.

The door windows will open or close while turning the metal key. See “Doors” earlier in this section.



OPERATING THE ENGINE

Ignition knob positions

Push in the ignition knob in the (B) range when you turn it.

LOCK (Normal parking position) (A):

The ignition knob can only be locked in the (A) position.

The ignition knob will be unlocked when it is pushed in, and turned to the ACC position (D) while carrying the Intelligent Key.

ACC (Accessories) (D):

This position activates electrical accessories such as the radio, when the engine is not running.

ON (Normal operating position) (E):

This position turns on the ignition system and electrical accessories.

START (F):

This position starts the engine. As soon as the engine has started, release the knob immediately. It will automatically return to the ON position.

For important safety information, see “Ignition knob” in the “5. Starting and driving” section.

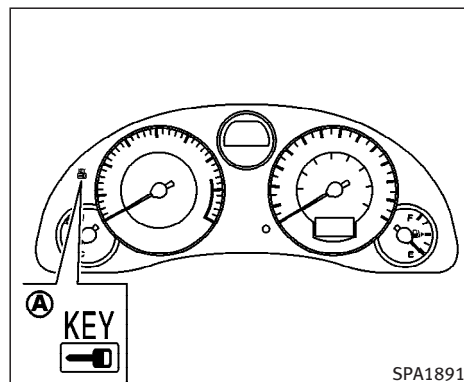
The ignition knob cannot be turned back to the LOCK position unless the shift lever is in P position. (It can be turned to only (C).)



CAUTION

Do not leave the vehicle with the ignition knob in ACC or ON positions when the engine is not running for an extended period.

This can discharge the battery.



Starting the engine

When driving the vehicle, be sure to carry the Intelligent Key with you.

1. Securely depress the brake pedal.
2. Slowly push the ignition knob in.
When the Intelligent Key warning light (A) in the instrument panel comes on in green, the ignition knob can be turned.
3. Turn the ignition knob to START and the engine will be started.

4. When the engine starts, release the ignition knob.



WARNING

Do not start the engine from outside the vehicle through the window. Doing so could lead to an accident and injury. Be sure to sit in the driver's seat to use the key.

For important safety information, see "Starting the engine" in the "5. Starting and driving" section.

- When the ignition knob is pushed under the following conditions, the key warning light in the instrument panel comes on in red. It is not possible to turn the ignition knob when:
 - you do not have the Intelligent Key with you
 - the Intelligent Key battery has run down
 - you have a Intelligent Key for another vehicle with you
- Slowly turn the ignition knob after the key warning light comes on in green.

If it is turned quickly, it may stick and be difficult to turn.

- The engine may not start if the Intelligent Key is placed:
 - inside the glove box or the door pocket
 - on the instrument panel
 - in the corner of interior compartment.
- If it is difficult to turn the ignition knob, perform the following:
 - Push the ignition knob and turn it to the left and then to the right.
 - Turn the ignition knob while gently turning the steering wheel to the left or right.

Stopping the engine

1. Shift the selector lever to the P position.
2. Turn the ignition knob to ACC.



WARNING

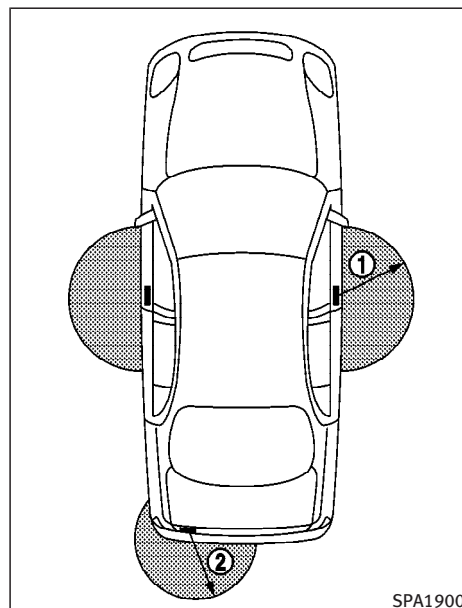
When you leave the vehicle, be sure to observe the following:

- Shift the selector lever to P. (In other positions, the ignition knob will not return to LOCK.)
- Securely return the ignition knob to LOCK.
- Set the parking brake. Failure to do so could result in unexpected vehicle movement and could lead to severe injury.

INTELLIGENT KEY OPERATING RANGE

The Intelligent Key functions can be used only when you carry the key with you and operate as specified in the operating range inside or outside the vehicle.

When the Intelligent Key battery runs down or where there are strong radio waves or noise, the operating range may be narrower or the key may be inoperative.



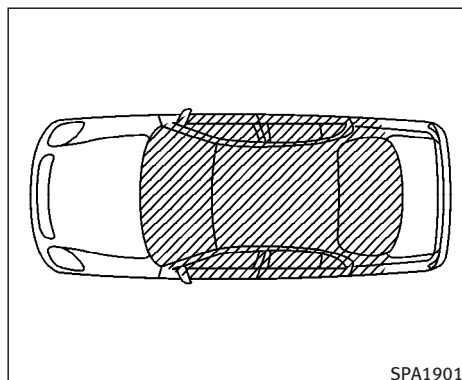
Operating range of the door or trunk lock/unlock function

The outside sensors are in the front outside door handles and the trunk.

The operating range of the door or trunk

lock/unlock function by pushing the door handle request switch or trunk open request switch is shown in the illustration.

- ① 31.5 in (80 cm) from the door handle request switch
 - ② 31.5 in (80 cm) from the trunk open request switch
- If you are too close to the outside door handles or rear bumper, the Intelligent Key may not operate.
 - If the Intelligent Key is in the operating range, it is possible for anyone who does not carry the Intelligent Key to lock/unlock the doors by pushing the door handle request switch.



Operating range for engine start function

The operating range for starting the engine is inside the vehicle.

- If the Intelligent Key is on the instrument panel, rear parcel shelf, inside the glove box or door pocket, or the corner of interior compartment, it may not be possible to start the engine.
- If the Intelligent Key is near the door or door glass outside the vehicle, it may be possible to start the engine.

WARNING SIGNALS

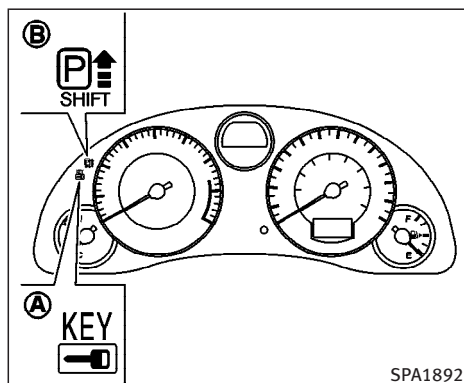
To help prevent the vehicle from moving unexpectedly by erroneous operation of the Intelligent Key or to help prevent the vehicle from being stolen, chime or beep sounds inside and outside the vehicle and a warning light comes on in the instrument panel.

When a chime or beep sounds or the warning light comes on, be sure to check the vehicle and Intelligent Key.

Alarm and warning when locking the doors

When the front door warning chime or outside buzzer sounds, check for the following:

- The ignition knob is turned to LOCK.
- The Intelligent Key is not left inside the vehicle.
- Doors are closed securely.
- The selector lever is in the P position.



Alarm and warning when the engine stops

When the P position selecting warning light (B) in the instrument panel blinks in red:

- Make sure the selector lever is in the P position.

When the chime sounds intermittently:

- Make sure the selector lever is in the P position and the ignition knob is turned to LOCK.

If the chime sounds continuously when

the driver's door is opened, check the following:

- The selector lever is in the P position and the ignition knob is turned to LOCK.
- The mechanical key or the valet key is not inserted into the ignition knob.
- The inside warning chime may stop when one of the following is performed.
 - Returning the ignition knob to LOCK.
 - Removing the mechanical key or the valet key.
 - Closing the doors.

Alarm and warning when the engine starts

When the key warning light (A) is blinking in red and the outside buzzer sounds, make sure the Intelligent Key is inside the vehicle.

Warning for low battery power

- This warning is to let you know that the battery of the Intelligent Key will run down soon. Replace it with a new one.

- The green blinking key warning light (A) goes out about 30 seconds after the ignition knob is turned to ON.
- We recommend replacing the battery at an INFINITI dealer.

Preventing the Intelligent Key from being left in the vehicle

If you lock all doors using the power door lock switch with the Intelligent Key in the vehicle, all of the doors unlock immediately and the beep sounds to warn you when the door is closed.

TROUBLE-SHOOTING GUIDE

| Symptom | | Possible Cause | Remedy |
|---|--|---|---|
| When pushing the door handle request switch | The outside buzzer sounds for approximately 2 seconds. | The doors cannot be locked. | Take out the Intelligent Key from the vehicle and push the door handle request switch. |
| | | | Turn the ignition knob to LOCK and push the door handle request switch while carrying the Intelligent Key with you. |
| | | | Close all the doors securely and push the door handle request switch while carrying the Intelligent Key with you. |
| When closing the doors | The outside buzzer sounds for approximately 10 seconds. | The ignition knob is not turned to the LOCK position. | Turn the ignition knob to the LOCK position. |
| | The key warning light in the instrument panel blinks in red and the outside buzzer sounds 3 times. | The Intelligent Key is not in the vehicle. | Be sure to carry the Intelligent Key with you. |
| | The outside buzzer sounds for approximately 3 seconds and all doors unlock. | The Intelligent Key has been left in the vehicle. | Take out the Intelligent Key from the vehicle and close the door. |
| When closing the trunk | The outside buzzer sounds and the trunk opens. | The Intelligent Key has been left in the trunk room. | Take out the Intelligent Key from the trunk room and close the trunk. |
| When opening the driver's door | An inside warning chime sounds continuously. | The ignition knob is not in the LOCK position, or the mechanical key or valet key is inserted into the ignition knob. | Turn the ignition knob to the LOCK position. |
| | | | Remove the mechanical key or valet key from the ignition knob. |
| When stopping the engine | The P position warning light in the instrument panel blinks in red. | The selector lever is not in the P position. | Make sure that the selector lever is in the P position. |
| When turning the ignition knob | An inside warning chime sounds continuously. | The ignition knob is not turned to the LOCK position. | Turn the ignition knob to the LOCK position. |
| When starting the engine | The key warning light in the instrument panel blinks in green. | The battery charge is low. | Replace the battery with a new one. See "BATTERY REPLACEMENT" on page 8-27. |
| When pushing the ignition knob | The key warning light in the instrument panel comes on in red. | The Intelligent Key is not in the vehicle. | If the key warning light comes on in red even while you are carrying the Intelligent Key, the battery is completely discharged. Replace the battery with a new one. See "BATTERY REPLACEMENT" on page 8-27. |

Troubleshooting examples

When it is difficult to turn the ignition knob

- Push the ignition knob and turn it to the left and then to the right.
- While gently turning the steering wheel to the left or right, turn the ignition knob.

OPERATION WITH INTELLIGENT REMOTE KEYLESS ENTRY SYSTEM

It is possible to lock/unlock all doors, fuel filler lid, activate the panic alarm and open the windows by pushing the buttons on the Intelligent Key from outside the vehicle.

Before locking the doors, make sure the key is not left in the vehicle.

The LOCK/UNLOCK button on the Intelligent Key can operate at a distance of approximately 33 ft (10 m) from the vehicle. (The effective distance depends upon the conditions around the vehicle.)

As many as 4 Intelligent Key can be used with one vehicle. For information concerning the purchase and use of additional Intelligent Key, contact an INFINITI dealer.

3-20 Pre-driving checks and adjustments

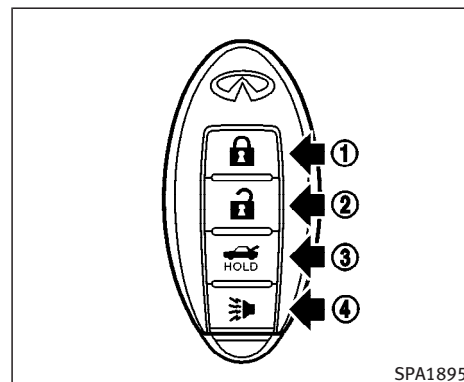
The lock and unlock buttons on the Intelligent Key will not operate when:

- the Intelligent Key is too far away from the vehicle
- the Intelligent Key battery runs down

After locking with the Intelligent remote keyless entry function, pull the door handle to make sure the doors are securely locked.

The operating range varies depending on the environment. To securely operate the lock and unlock buttons, approach the vehicle to about 3 ft (1 m) from the door.

The panic alarm will not activate when the mechanical key or the valet key is in the ignition knob.



How to use remote keyless entry system

Setting hazard indicator and horn mode:

This vehicle is set in hazard indicator and horn mode when you first receive the vehicle.

In hazard indicator and horn mode, when the LOCK button ① is pushed, the hazard indicator flashes twice and the horn chirps once. When the UNLOCK button ② is pushed, the hazard indicator flashes once.

OPERATION GUIDE

| MODE (Push "LOCK" and "UNLOCK" buttons for more than 2 seconds to switch) | Switching indicator | Entry manner | LOCK | UNLOCK |
|---|---------------------|----------------------------|--|--|
| Hazard indicator and horn mode → HAZARD INDICATOR MODE | HAZARD – 3 times | Keyfob or Intelligent Key | HAZARD – twice | No operation |
| | | Door handle request switch | | |
| Hazard indicator mode → HAZARD INDICATOR AND HORN MODE | HAZARD – once | Keyfob or Intelligent Key | HAZARD – twice HORN – once | HAZARD – once |
| | HORN – once | Door handle request switch | HAZARD – twice OUTSIDE BUZZER – twice | HAZARD – once OUTSIDE BUZZER – once |

SPA1923

If horn are not necessary, the system can be switched to the hazard indicator mode.

In hazard indicator mode, when the LOCK button is pushed, the hazard indicator flashes twice. When the UNLOCK button is pushed, neither the hazard indicator nor the horn operates.

(Switching procedure)

Push the LOCK ① and UNLOCK ② buttons on the Intelligent Key simultaneously for more than 2 seconds to switch from one mode to the other.

When pushing the buttons to set hazard

indicator only mode, the hazard indicator flashes 3 times.

When pushing the buttons to set hazard indicator and horn mode, the hazard indicator flashes once and the horn chirps once.

Locking doors and fuel filler lid:

1. Remove the mechanical key or the valet key if any key is in the ignition knob.*1
2. Close all the doors.*2

3. Push the LOCK button ① on the Intelligent Key.

4. All doors and fuel filler lid will lock.

All of the doors will lock when the LOCK button on the Intelligent Key is pushed even though the ignition knob is in the ON position.

5. The hazard indicator flashes twice and the horn chirps once.

- When the LOCK button ① is pushed with all doors locked, the hazard indicator flashes twice and the horn chirps once as a reminder that the

Pre-driving checks and adjustments 3-21

doors are already locked.

- *1: Doors lock with the Intelligent Key while the mechanical key or the valet key is in the ignition knob or the ignition knob is pushed in.
- *2: Doors do not lock with the Intelligent Key while any door is open.

Unlocking doors and fuel filler lid:

1. Push the UNLOCK button ② on the Intelligent Key once.
 - The driver's door and fuel filler lid unlock
 - The hazard indicator flashes once if all doors are completely closed with the ignition knob in any position except the ON position.
 - The interior light turns on and the light timer activates for 30 seconds when the switch is in the DOOR position with the ignition knob in any position except the ON position.
2. Push the UNLOCK button on the Intelligent Key again within 5 seconds.
 - All doors unlock.
 - The hazard indicator flashes once if all doors are completely closed.

All doors will be locked automatically unless one of the following operations is performed within 1 minute of pressing the UNLOCK button.

- opening any door
- the ignition knob is pushed

- the mechanical key or the valet key is inserted into the ignition knob

The interior light can be turned off without waiting for 30 seconds by turning the ignition switch to the ON position or by locking the doors with the Intelligent Key.

Opening the windows:

See "Opening and closing windows" on the previous page.

Releasing the trunk lid:

1. Push the TRUNK button ③ on the Intelligent Key for longer than 0.5 seconds when the ignition switch is in any position except the ON position.
2. The trunk lid opens.

The trunk lid cannot be opened by operating the Intelligent Key when the ignition knob is in the ON position.

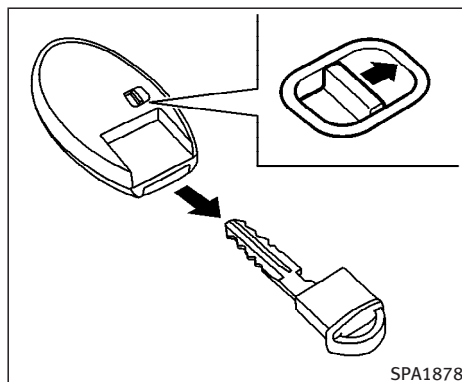
Using the panic alarm:

If you are near your vehicle and feel threatened, you may activate the alarm to call attention as follows:

1. Push the PANIC button ④ on the Intelligent Key for **longer than 0.5 seconds** with the metal key removed from

the ignition knob or the ignition knob not pushed in.

2. The theft warning alarm and headlights will stay on for 25 seconds.
3. The panic alarm stops when:
 - It has run for 25 seconds, or
 - Any one of the buttons on the Intelligent Key is pushed.



OPERATION WITH THE MECHANICAL KEY AND VALET KEY

If the Intelligent Key cannot be used because its battery is discharged, use the metal key to lock or unlock the doors and use the mechanical key or the valet key, which is registered to the INFINITI Vehicle Immobilizer System components, to start the engine.

Removing the mechanical key

- Release the lock knob at the back of the intelligent key and remove the mechanical key.

- To install the mechanical key to the intelligent key, securely lock the lock knob and then check that the mechanical key will not move.



CAUTION

Be sure to carry the Intelligent Key with the mechanical key installed in it.

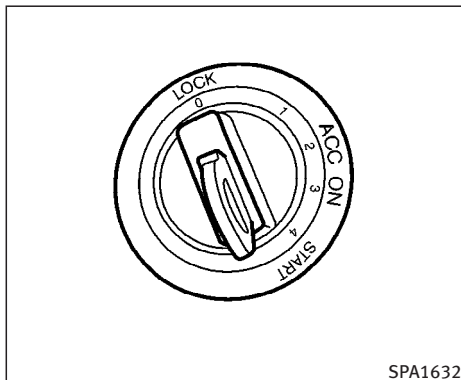
Locking/unlocking the doors with the metal key (mechanical key, valet key and wallet key)

The doors can be locked/unlocked by inserting the metal key into the key cylinder in the driver's door in the same way as the ordinary key.

Starting the engine with the mechanical key

1. Securely depress the brake pedal.
2. Insert the mechanical key or the valet key into the ignition knob.

HOOD



3. Turn the ignition knob to START and start the engine.
4. After starting the engine, release the knob.

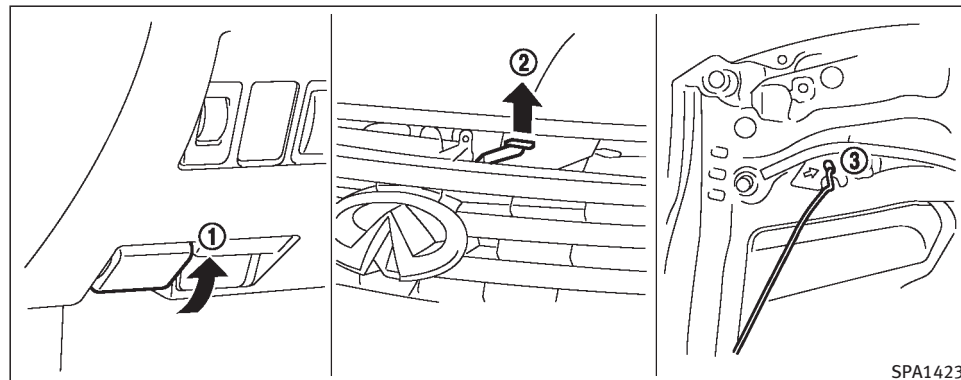
When the engine is off, the steering wheel lock cannot be unlocked.

For important safety information, see the “5. Starting and driving” section.

Windows open/close with the mechanical key

See “Opening and closing windows” on the previous page.

3-24 Pre-driving checks and adjustments



1. Pull the hood lock release handle ① located below the instrument panel; the hood will then spring up slightly.
2. Raise the lever ② at the front of the hood with your fingertips and raise the hood.
3. Insert the assist bar into the slot ③ in the front edge of the hood.
4. When closing the hood, reset the assist bar to its original position, then slowly close the hood and make sure it locks into place.



WARNING

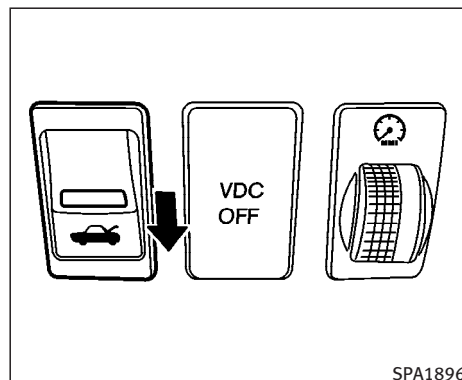
- Make sure the hood is completely closed and latched before driving. Failure to do so could cause the hood to fly open and result in an accident.
- If you see steam or smoke coming from the engine compartment, to avoid injury do not open the hood.

TRUNK LID



WARNING

- Do not drive with the trunk lid open. This could allow dangerous exhaust gases to be drawn into the vehicle. See “Precautions when starting and driving” in the “5. Starting and driving” section for exhaust gas.
- Closely supervise children when they are around cars to prevent them from playing and becoming locked in the trunk where they could be seriously injured. Keep the car locked, with the rear seatback and trunk lid securely latched when not in use, and prevent children’s access to car keys.



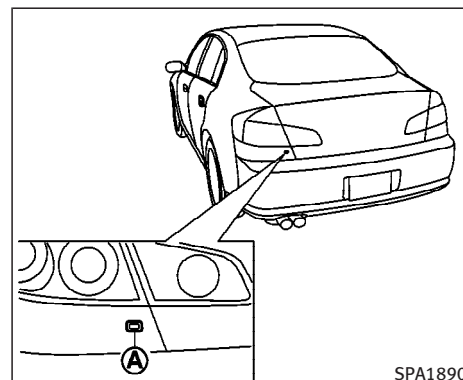
SPA1896

OPENER OPERATION

The trunk lid release switch is located at the bottom of the instrument panel.

To open, slide the trunk lid release switch located at the bottom of the instrument panel or press the TRUNK button of the keyfob.

To close, push the trunk lid down securely.



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Trunk open request switch

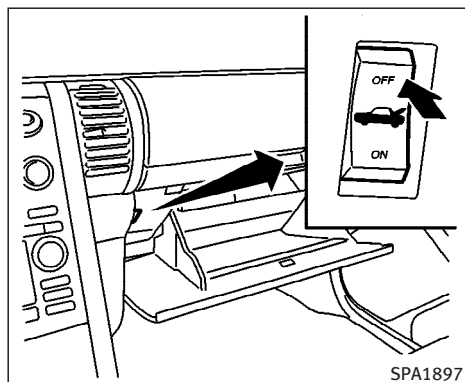
Models without Intelligent Key system:

The trunk lid can be opened by pushing the trunk open request switch (A) when the front passenger inside lock knob is in the unlock position.

Models with Intelligent Key system:

The trunk lid can be opened by pushing the trunk open request switch when the Intelligent Key is within the operating range of the trunk lock/unlock function regardless of the inside lock posi-

tion. See “Intelligent Key system” earlier in the section.



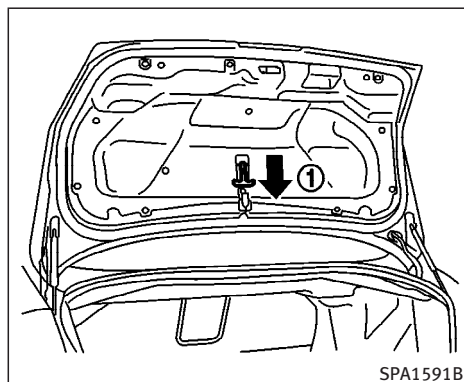
opened with the TRUNK button of the key-fob or Intelligent Key.

Cancel switch

When the cancel switch located inside the glove box is OFF,

- the trunk lid cannot be opened with the trunk lid release switch.
- the trunk lid cannot be opened by pushing the trunk open request switch.
- for models equipped with the Intelligent Key system, the trunk lockout protection function is not activated.

When the cancel switch located inside the glove box is OFF, the trunk lid can be

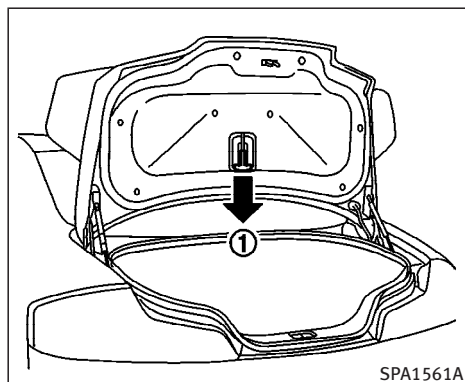


Sedan INTERIOR TRUNK LID RELEASE

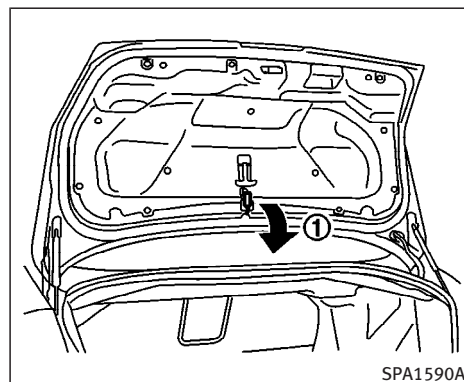
The interior trunk lid release mechanism provides a means of escape in the event of becoming locked inside the trunk.

The handle ① is located on the back side of the trunk lid inside the trunk compartment.

To open the trunk lid from the inside, pull the release handle towards you until the lock releases and push up on the trunk lid. The release lever is made of a material that glows in the dark after a brief exposure to ambient light.



Coupe



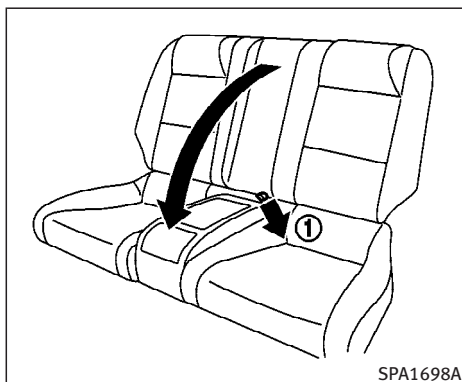
Sedan SECONDARY TRUNK LID RELEASE

The secondary trunk lid release mechanism allows opening of the trunk lid in the event of the loss of electrical power such as a discharged battery.

The handle ① is located on the back side of the trunk lid inside the trunk compartment.

Sedan

Access the handle through the interior trunk access hole (rear seat armrest).



Coupe

To open the trunk lid from the rear seat, pull the release handle towards front of vehicle until the lock releases.

Return the handle to the original position by securing the latch. Otherwise, it may cause water to leak into the trunk.

Coupe

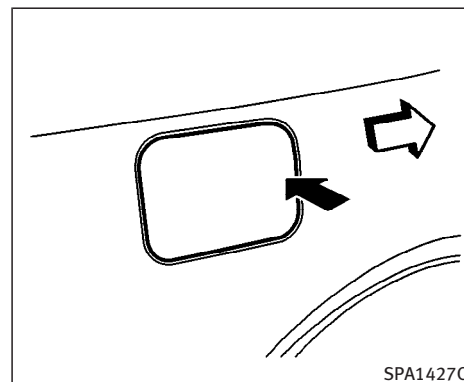
Access the handle from the rear seat.

Fold down the rear seatback by pulling the strap ①, located at center bottom of the seatback sideways.

To open the trunk lid from the rear seat,

pull the release handle towards front of vehicle until the lock releases.

FUEL FILLER LID

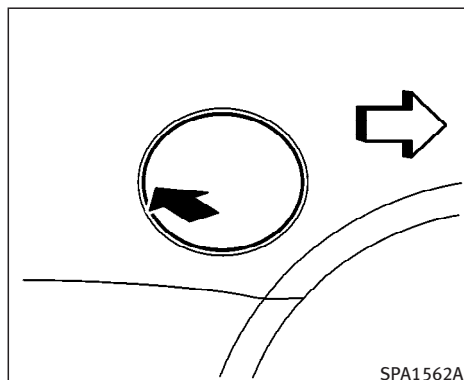


Sedan

OPENING THE FUEL FILLER LID

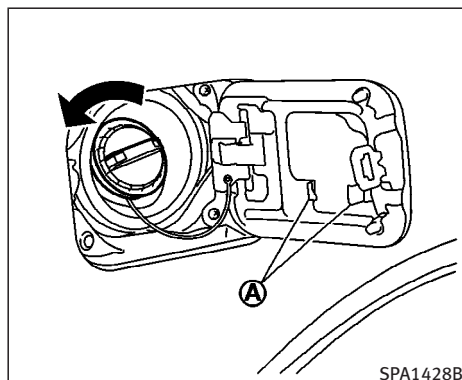
To open the fuel filler lid, unlock the fuel filler lid lock by using one of the following operations, then push the right-hand side of the lid (Sedan), the left-hand side of the lid (Coupe).

- Press the UNLOCK button on the keyfob or Intelligent Key once.
- Insert the key into the door lock cylinder and turn the door key cylinder to the rear of the vehicle.
- Press the power door lock switch to the UNLOCK position.



Coupe

To lock, close the fuel filler lid and lock the doors.



Sedan

FUEL FILLER CAP

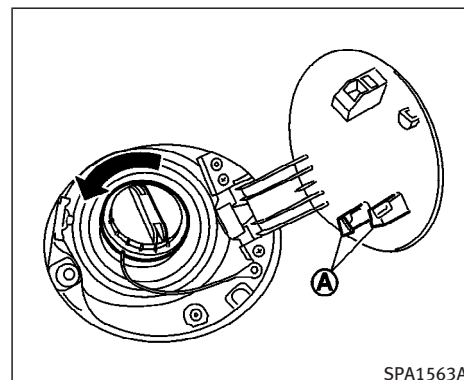
The fuel filler cap is a ratcheting type. Tighten the cap clockwise until ratcheting clicks are heard.

Put the fuel filler cap on the cap holder **A** while refueling.



WARNING

- Gasoline is extremely flammable and highly explosive under certain conditions. You could be burned or seriously



Coupe

injured if it is misused or mishandled. Always stop the engine and do not smoke or allow open flames or sparks near the vehicle when refueling.

- Fuel may be under pressure. Turn the cap a third of a turn, and wait for any “hissing” sound to stop to prevent fuel from spraying out and possibly causing personal injury.
- Do not attempt to top off the fuel tank after the fuel pump nozzle shuts off automatically. Continued refueling may cause fuel overflow, resulting in fuel

spray and possibly a fire.

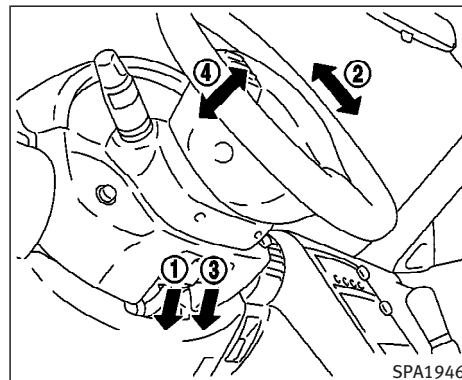
- Use only an original equipment type fuel filler cap as a replacement. It has a built-in safety valve needed for proper operation of the fuel system and emission control system. An incorrect cap can result in a serious malfunction and possible injury. An incorrect cap could also cause the SERVICE ENGINE SOON malfunction indicator lamp to illuminate.
- Do not fill a portable fuel container in the vehicle or trailer. Static electricity can cause an explosion of flammable liquid, vapor or gas in any vehicle or trailer. To reduce the risk of serious injury or death when filling portable fuel containers:
 - Always place the container on the ground when filling.
 - Do not use electronic devices when filling.
 - Keep the pump nozzle in contact with the container while you are filling it.
 - Use only approved portable fuel containers for flammable liquid.
- Never pour fuel into the throttle body to attempt to start your vehicle.



CAUTION

- If fuel is spilled on the vehicle body, flush it away with water to avoid paint damage.
- Tighten until the fuel filler cap clicks. Failure to tighten the fuel filler cap properly may cause the SERVICE ENGINE SOON malfunction indicator lamp (MIL) to illuminate. If the SERVICE ENGINE SOON lamp illuminates because the fuel filler cap is loose or missing, tighten or install the cap and continue to drive the vehicle. The SERVICE ENGINE SOON lamp should turn off after a few driving trips. If the SERVICE ENGINE SOON lamp does not turn off after a few driving trips, have the vehicle inspected by an INFINITI dealer.
- For additional information, see the “Malfunction indicator lamp (MIL)” in the “2. Instruments and controls” section.

STEERING WHEEL



MANUAL OPERATION



WARNING

Do not adjust the steering wheel while driving. You could lose control of your vehicle and cause an accident.

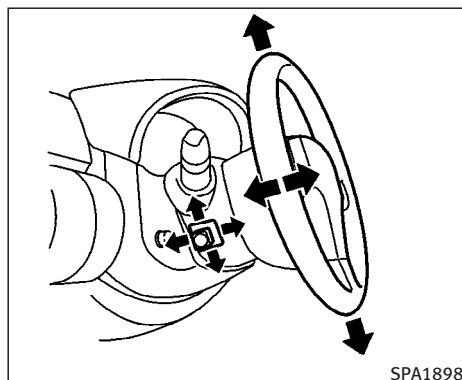
Tilt operation

Pull the lock lever (1) down and adjust the steering wheel up or down (2) to the desired position.

Push the lock lever up securely to lock the steering wheel in place.

Telescopic operation

Pull the lock lever ③ down and adjust the steering wheel forward or backward ④ to the desired position. Push the lock lever up securely to lock the steering wheel in place.



AUTOMATIC OPERATION (if so equipped)



WARNING

Do not adjust the steering wheel while driving. You could lose control of your vehicle and cause an accident.

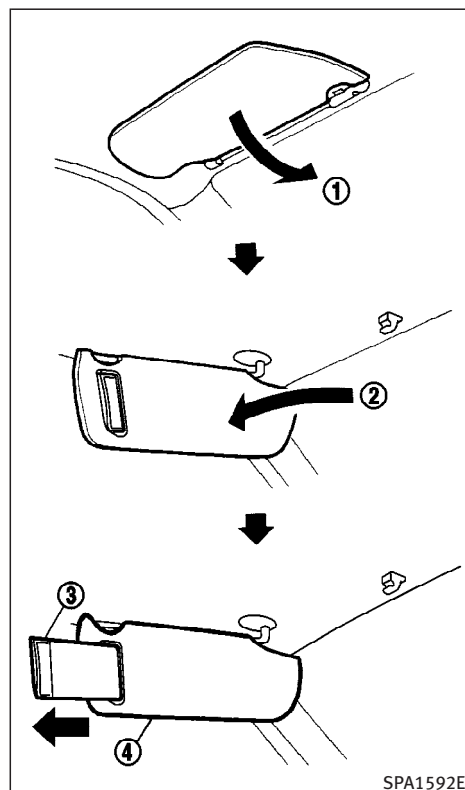
Tilt or telescopic operation

Move the lever to adjust the steering wheel up or down, forward or rearward to the desired position.

Entry/Exit function operation:

The automatic drive positioner system will make the steering wheel move up automatically when the key is removed from the ignition switch. This lets the driver get into and out of the seat more easily. The steering wheel moves back into position when the key is inserted into the ignition switch. For more information, see “Automatic drive positioner” later in this section.

SUN VISORS

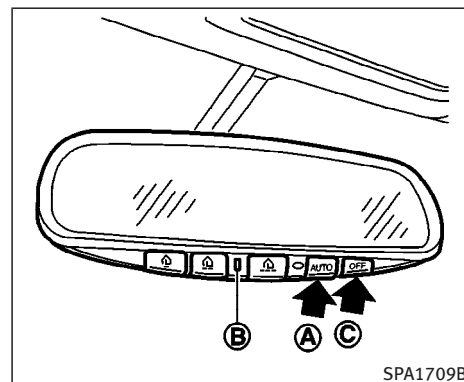


CAUTION

- Do not store the main sun visor before storing the extension sun visor.
- Do not pull the extension sun visor forcibly downward.

1. To block out glare from the front, swing down the main sun visor ①.
2. To block glare from the side, remove the main sun visor from the center mount and swing it to the side ②.
3. Draw out the extension sun visor ③ from the main sun visor ④ to block from farther glare.

MIRRORS

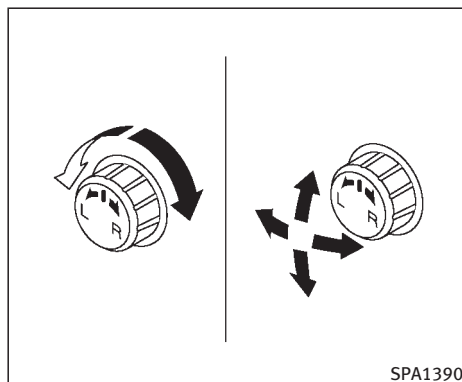


AUTOMATIC ANTI-GLARE INSIDE MIRROR (if so equipped)

The inside mirror is designed so that it automatically changes reflection according to the intensity of the headlight of the following vehicle.

When the inside mirror AUTO switch ① is pushed, the indicator light ② will illuminate and excessive glare from the headlights of the vehicle behind you will be reduced. When the switch of the inside mirror OFF switch ③ is pushed, the inside mirror will operate normally.

For HomeLink® Universal Transceiver, see the description in the “2. Instruments and controls” section.



operate only when the ignition switch is in the ACC or ON position.

Turn the control knob right or left to select the right or left outside mirror, then adjust by tilting the control knob.

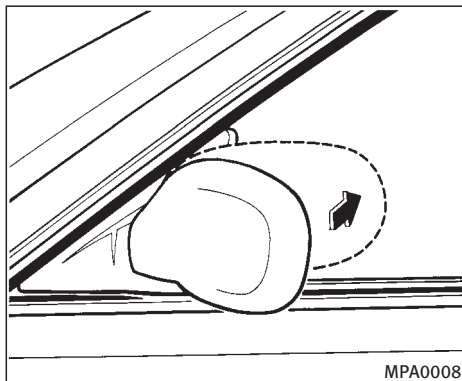
OUTSIDE MIRRORS



WARNING

Objects viewed in the outside mirror on the passenger side are closer than they appear. Be careful when moving to the right. Using only this mirror could cause an accident. Use the inside mirror or glance over your shoulder to properly judge distances to other objects.

The outside mirror adjustment will op-



Foldable outside mirrors

Fold the outside mirror by pushing it toward the rear of the vehicle.

AUTOMATIC DRIVE POSITIONER (if so equipped)

AUTOMATIC DRIVE POSITIONER OPERATION

The automatic drive positioner system has two features:

- Entry/exit function (only available on models equipped with automatic transmission)
- Memory storage

ENTRY/EXIT FUNCTION

This system is designed so that the driver's seat and steering column will automatically move when the automatic transmission selector lever is in the P (Park) position. This allows the driver to get into and out of the driver's seat more easily. (This feature is not available on models equipped with manual transmission.)

The driver's seat will slide backward and the steering wheel will move up when the driver's door is opened with the key or ignition knob in the LOCK position.

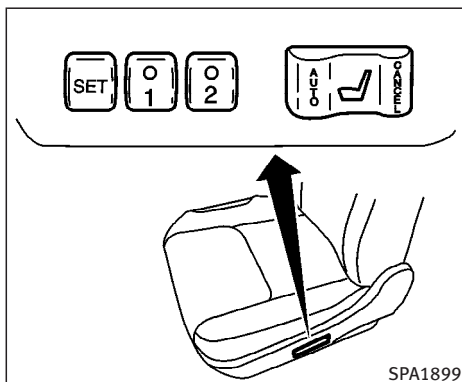
The driver's seat and steering wheel will return to the previous positions:

- When the key is inserted into the ignition switch after closing the driver's door, or when the driver's door is

closed after inserting the key into the ignition switch.

- When the ignition knob is pushed with the driver's door closed.
- When the key or ignition knob is turned to the ON position.

The entry/exit function can be activated or cancelled by pressing and holding the SET switch for more than 10 seconds while the ignition switch is in the LOCK position. The indicator light will blink once when the function is cancelled, and the indicator light will blink twice when the function is activated. If the battery cable is disconnected, or if the fuse opens, the entry/exit function will be cancelled. In such a case, after connecting the battery or replacing with a new fuse, open and close the driver's door more than two times with the ignition switch or ignition knob in the LOCK position to activate the entry/exit function.



MEMORY STORAGE

Two positions for the driver's seat and steering column can be stored in the automatic drive positioner memory. Follow these procedures to use the memory system.

1. For vehicles equipped with automatic transmission, set the selector lever to the P (Park) position.

For vehicles equipped with manual transmission, place the shift lever in the N (Neutral) position and set the parking brake.


2. Adjust the driver's seat and steering column to the desired positions by manually operating each adjusting switch. For additional information, see "Seats" in the "1. Safety — Seats, seat belts and supplemental restraint system" section and "Steering wheel" earlier in this section.
3. Turn the ignition ON.
4. Push the SET switch and, within 5 seconds, push the memory switch (1 or 2) fully for at least 1 second.


The indicator light for the pushed memory switch will come on and stay on for approximately 5 seconds after pushing the switch. After the indicator light goes off, the selected positions are stored in the selected memory (1 or 2).

If memory is stored in the same memory switch, the previous memory will be deleted.

Linking a keyfob or Intelligent Key to a stored memory position

A keyfob or Intelligent Key can be linked to a stored memory position with the following procedure.

1. Follow the steps for storing a memory position.
2. While the indicator light for the memory switch being set is illuminated for 5 seconds, press the  button on the keyfob or Intelligent Key. The indicator light will blink. After the indicator light goes off, the keyfob or Intelligent Key is linked to that memory setting.

With the key removed from the ignition switch, press the  button on the keyfob or Intelligent Key. The driver's seat and steering wheel will move to the memorized position.

Confirming memory storage

- Turn the ignition ON and push the SET switch. If the main memory has not been stored, the indicator light will come on for approximately 0.5 seconds. When the memory has stored in position, the indicator light will stay on for approximately 5 seconds.
- If the battery cable is disconnected, or if the fuse opens, the memory will be canceled.

Reset the desired position using the previous procedure.

Selecting the memorized position

1. For vehicles equipped with automatic transmission, set the selector lever to the P (Park) position.

For vehicles equipped with manual transmission, place the shift lever in the N (Neutral) position and set the parking brake.

2. Turn the ignition ON.
3. Push the memory switch (1 or 2) fully for at least 1 second.

The driver's seat and steering column will move to the memorized position with the indicator light flashing, and then the light will stay on for approximately 5 seconds.

SYSTEM OPERATION

The automatic drive positioner system will not work or will stop operating under the following conditions:

- when the vehicle speed is above 4 MPH (7 km/h).
- when the adjusting switch for the driver's seat and steering column is turned on while the automatic drive positioner is operating.

- when the cancel switch is pushed to cancel (However, it will not be cancelled if the switch is pushed while the seat and steering column are returning to the previous positions (entry/exit function).).
- when the memory switch 1 or 2 is not pushed for at least 1 second.
- when the seat has already been moved to the memorized position.
- when no seat position is stored in the memory switch.
- when the parking brake is not applied.
— M/T models
- when the vehicle speed is above 4 MPH (7 km/h) while the parking brake is applied. — M/T models
To restart the drive positioner system, move the parking brake to off and on.
- when the engine is started while moving the automatic drive positioner.
- when the AT selector lever is moved from the P position to any other position (However, it will not be cancelled if the switch is pushed while the seat and steering column are returning to

the previous positions (entry/exit function).).

CANCEL SWITCH

When the CANCEL side of the switch is pushed, the automatic drive positioner system will not function.

When the AUTO side of the switch is pushed, the system will function.

4 Display screen, heater, air conditioner and audio systems

| | | | |
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| Ambient temperature | 4-13 | | |

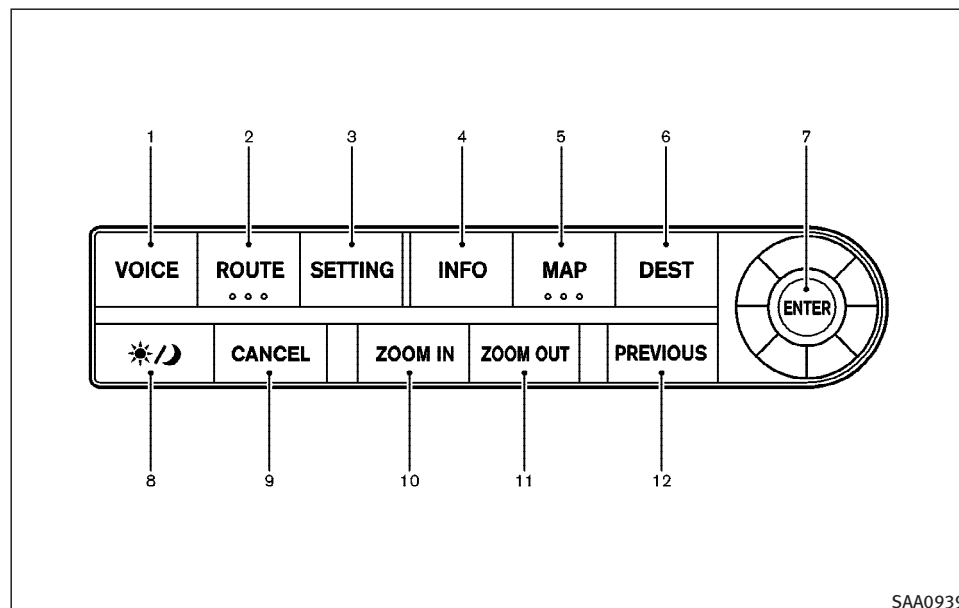
SAFETY NOTE



WARNING

- Positioning of the heating or air conditioning controls and display controls should not be done while driving, in order that full attention may be given to driving operation.
- Do not disassemble or modify this system. If you do, it may result in accidents, fire, or electric shock.
- Do not use this system if you notice any abnormality, such as a frozen screen or lack of sound. Continued use of the system may result in accident, fire or electric shock.
- In case you notice any foreign object in the system hardware, spill liquid on it, or notice smoke or smell coming from it, stop using the system immediately and contact an INFINITI dealer. Ignoring such conditions may lead to accidents, fire, or electric shock.

CONTROL PANEL BUTTONS — WITH NAVIGATION SYSTEM (if so equipped)



When you use this system, make sure the engine is running.

If you use the system with the engine not running (ignition ON or ACC) for a long time, it will use up all the battery power, and the engine will not start.

Reference symbols:

“ENTER” button — This is a button on the control panel.

“Display” key — This is a select key on the screen. By selecting this key you can

proceed to the next function.

NAMES OF THE COMPONENTS


1., 2., 5., 6., 9., 10. and 11.

For Navigation control buttons: refer to the separate Navigation Owner's Manual.

3. SETTING button (P. 4-6)

4. INFO button (P. 4-3)

7. Joystick and ENTER push button (P. 4-3)

8.  brightness control button (P. 4-10)

12. PREVIOUS button (P. 4-3)

HOW TO USE JOYSTICK AND "ENTER" BUTTON

Choose an item on the display using the joystick and push the **"ENTER"** button for operation.

HOW TO USE "PREVIOUS" BUTTON

This button has two functions.

- Go back to the previous display.

When this button is pressed during setup, setup will be canceled, and the screen will return to the previous screen.

- Finish setup.

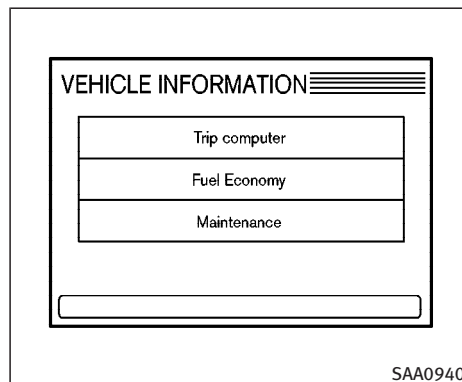
When this button is pressed after setup is completed, the settings will be renewed as directed, and the screen will return to the map.

SETTING UP THE START-UP SCREEN

When you turn the ignition switch to the ACC or ON position, the SYSTEM START-UP warning is displayed on the screen. Read the warning and select the "IAGREE" (English) or "ENTER" (Français) key then push the **"ENTER"** button.

If you do not push the **"ENTER"** button, the Navigation system will not proceed to the next step display.

To proceed to the next step, refer to the separate Navigation System Owner's Manual.

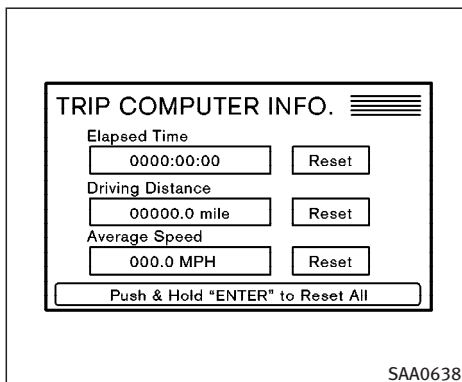


HOW TO USE THE "INFO" BUTTON

The VEHICLE INFORMATION screen will appear when the "INFO" button is pushed.

Choose an item using the joystick and push the **"ENTER"** button.

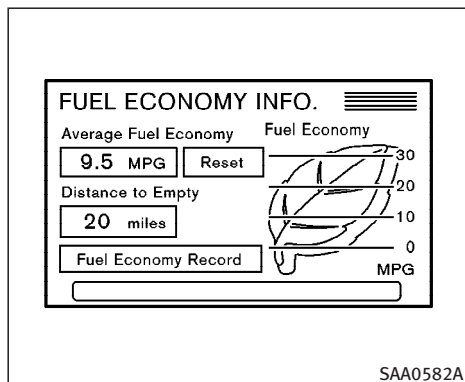
After viewing or adjusting the information on the following screens, push the **"PREVIOUS"** button to return to the VEHICLE INFORMATION menu.



Trip computer information

Elapsed Time, Driving Distance and Average Speed will be displayed.

To reset each item, select the **“Reset”** key using the joystick and push the **“ENTER”** button immediately before driving the vehicle.

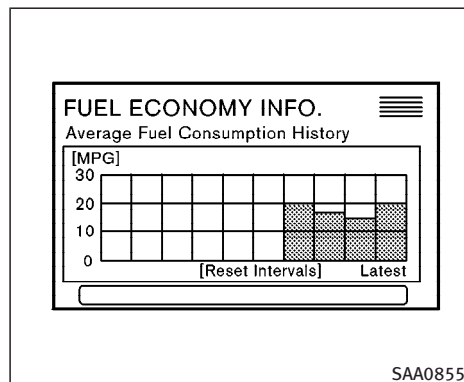


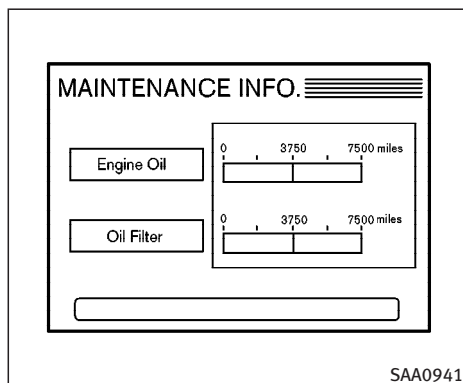
Fuel economy information

Average fuel economy and distance to empty will be displayed for reference.

To reset the Average Fuel Economy, select the **“Reset”** key using the joystick and push the **“ENTER”** button.

If the **“Fuel Economy Record”** key is highlighted with the joystick and the **“ENTER”** button is pushed, the average fuel consumption history will be displayed in graph form along with the average for the previous Reset-to-Reset period.

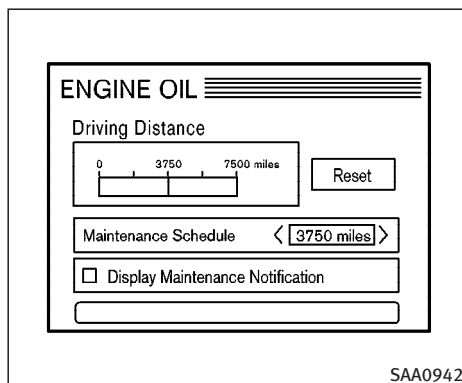




Maintenance information

You can set the engine oil and the oil filter interval.

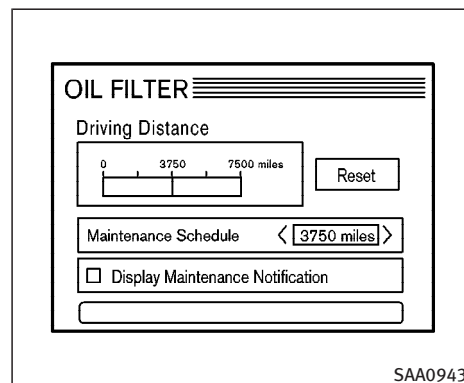
To display the setting of the maintenance interval, select the “**Engine Oil**” or “**Oil Filter**” key using the joystick and push the “**ENTER**” button.

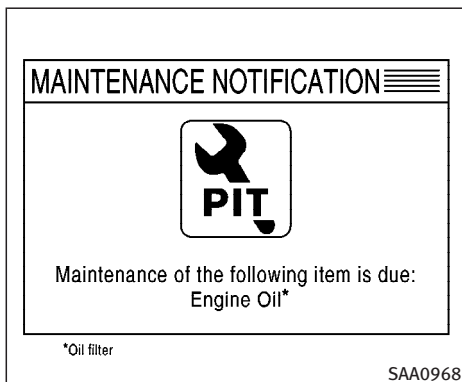


To set the maintenance interval, select the “**Maintenance Schedule**” key by using the joystick and move the joystick to right or left.

To reset the maintenance interval, select the “**Reset**” key using the joystick and push the “**ENTER**” button.

To display the MAINTENANCE INFORMATION automatically when set trip distance is reached, select the “**Display Maintenance Notification**” key and push the “**ENTER**” button.





Maintenance notification

The “MAINTENANCE NOTIFICATION” screen (“ENGINE OIL” or “OIL FILTER”) will be automatically displayed as shown when both of the following conditions are met:

- the vehicle is driven the set distance and the ignition switch is turned to the OFF position.
- the ignition switch is turned to the ON position the next time the vehicle will be driven.

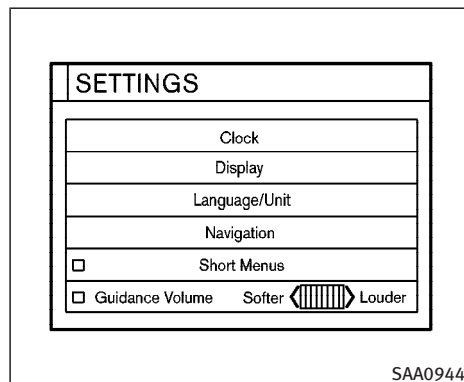
To return to the previous display after the

4-6 Display screen, heater, air conditioner and audio systems

“MAINTENANCE NOTIFICATION” screen is displayed, push the “**PREVIOUS**” button.

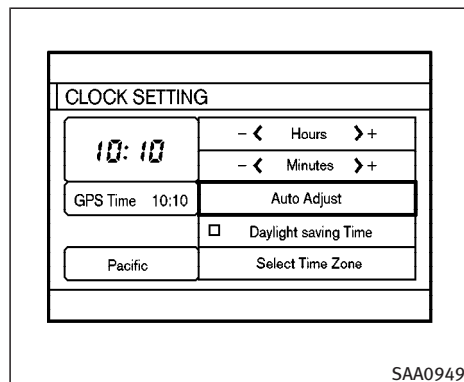
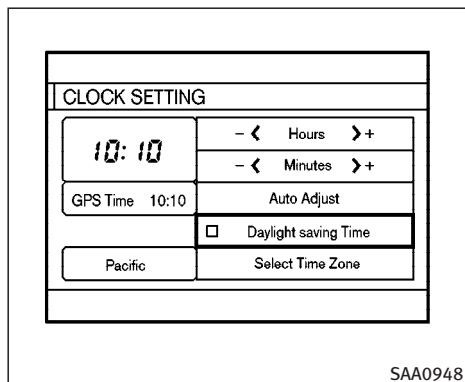
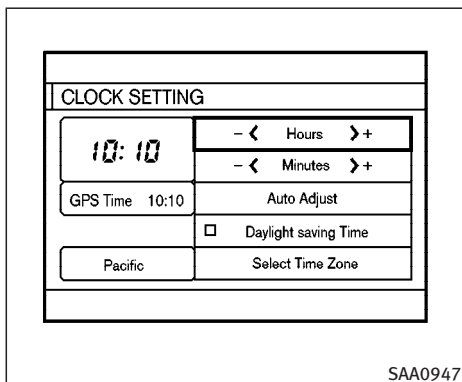
The “MAINTENANCE NOTIFICATION” screen displays each time the key is turned ON until one of the following conditions are met:

- “Reset” is selected.
- “Display Maintenance Notification” is set OFF.
- the maintenance interval is set again.



HOW TO USE THE “SETTING” BUTTON

The SETTINGS screens will appear when the “**SETTING**” button is pushed.



Clock setting

Adjusting the time:

Select the “**Hours**” or “**Minutes**” key and move the joystick to the right or left to adjust the time.

The time will change step by step.

After completion of the setting, press the “**PREVIOUS**” button.

Setting daylight savings time:

Use the “**Daylight Saving Time**” key to adjust the clock to daylight savings time.

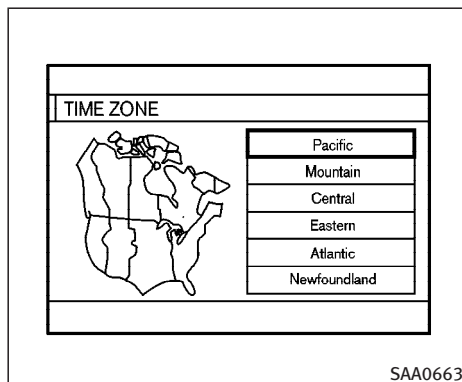
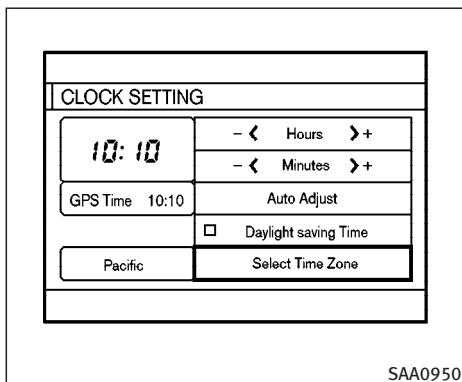
ON: The displayed time advances by 1 hour.

OFF: The current time is displayed.

Adjusting the time to the GPS:

Select the “**Auto Adjust**” key.

The time will be reset to the GPS time.



to the selected zone will be displayed. Pacific zone has been set as the initial (default) setting.

Selecting the time zone:

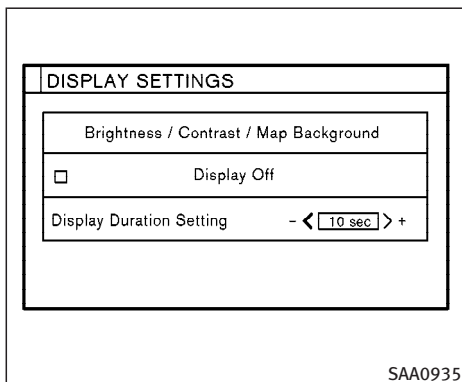
1. Select the **“Select Time Zone”** key.
The [TIME ZONE] screen will appear.

2. Select one of the following zones depending on the current location.
 - Pacific zone
 - Mountain zone
 - Central zone
 - Eastern zone
 - Atlantic zone
 - Newfoundland zone

After selection, the [CLOCK SETTINGS] screen will appear.

The GPS time (manual time) corresponding

4-8 Display screen, heater, air conditioner and audio systems



Display settings

The DISPLAY SETTINGS screen will appear after pushing the **“SETTING”** button, selecting **“Display”** key and pushing the **“ENTER”** button.

Brightness/Contrast/Map Background:

To adjust the brightness and contrast of the screen, select the **“Brightness/contrast”** key and push the **“ENTER”** button. You can then use the joystick to adjust the brightness to Darker or Brighter and the contrast to Lower or Higher. For information on Map Back-

ground, please refer to the separate Navigation System Owner’s Manual.

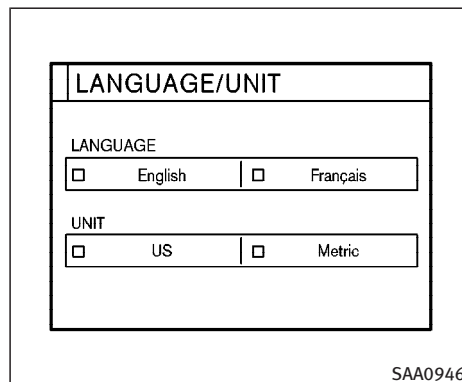
Display Off:

To turn off the screen, push the **“SETTING”** button and select the **“Display”** key and **“Display Off”** key. The indicator of the **“Display Off”** will turn to amber. When any mode button is pushed with the screen off, the screen turns on for further operation. The screen will turn off automatically 5 seconds after the operation is finished on the map display.

Display Duration Setting:

To set the display duration, select the **“Display Duration Setting”** key by using the joystick and move the joystick to right or left.

To turn on the screen, push the **“SETTING”** button and select the **“Display”** key and **“Display Off”** key, then set the screen to on by pushing the **“ENTER”** button.



Language/Unit settings

The LANGUAGE/UNIT screen will appear when selecting the **“Language/Unit”** key and pushing the **“ENTER”** button.

Language: English or French

Unit: US — mile, MPG

Metric o km, L/100 km

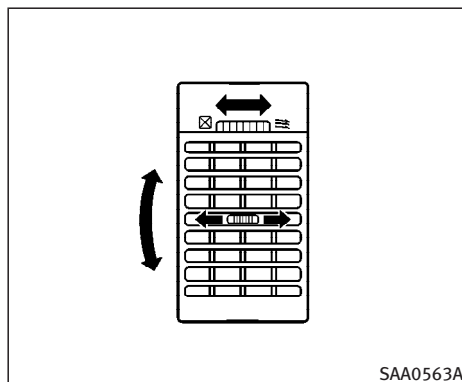
You can select the language and unit using the joystick and **“ENTER”** button.

VENTILATORS

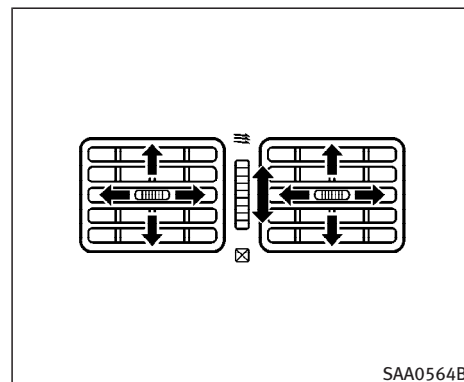
HOW TO USE THE ☀/🌙 BUTTON

To change the display brightness, push the ☀/🌙 button. Pushing the button again will change the display to DAY or NIGHT display. Then, adjust the brightness moving the joystick right or left.

If no operation is done within 10 seconds, or if the “**PREVIOUS**” button is pushed, the display will return to the previous display.



Front



Rear (if so equipped)

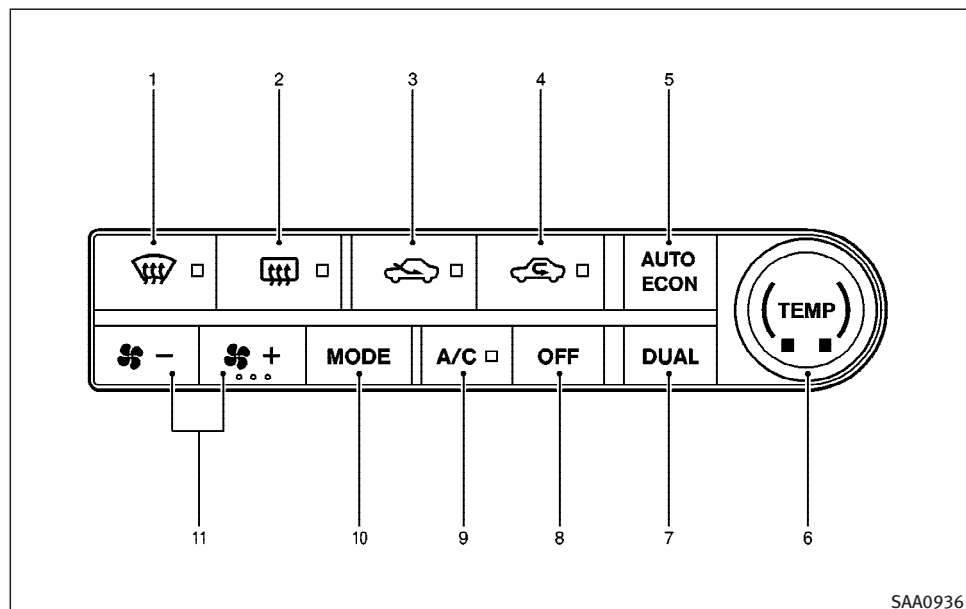
Adjust the air flow direction of ventilators.

Open or close, and adjust the air flow direction of ventilators.

☒ : This symbol indicates that the vents are closed when the vent lever is moved left (front) or down (rear).

≡ : This symbol indicates that the vents are open when the vent lever is moved right (front) or up (rear).

HEATER AND AIR CONDITIONER (Automatic)



1. DEF button
2. Rear window defroster button (Refer to the “2. Instruments and controls” section.)
3. Fresh air button
4. Air recirculation button
5. AUTO/ECON button

6. Temperature control dial
7. DUAL zone button (if so equipped)
8. OFF button
9. A/C button
10. Manual air flow control button
11. Manual fan control button



WARNING

- The air conditioner cooling function operates only when the engine is running.
- On hot, sunny days, temperatures in a closed vehicle could quickly become high enough to cause severe or possibly fatal injuries to people or animals. Do not leave children or adults who would normally require the assistance of others in your vehicle. Unattended pets should also not be left alone.
- Do not use the recirculation mode for long periods as it may cause the interior air to become stale and the windows to fog up.
- Positioning of the heater and/or air conditioner controls should not be done while driving so full attention may be given to vehicle operation.

Start the engine and operate the controls to activate the air conditioner.

AUTOMATIC OPERATION

Cooling and/or dehumidified heating (AUTO)

This mode may be normally used all year round as the system automatically works to keep a constant temperature. Air flow distribution and fan speed are also controlled automatically.

1. Push the AUTO/ECON button on. (AUTO will be displayed.)
2. If the A/C button indicator is off, push the A/C button to activate air conditioner. The A/C button indicator will come on.
3. Turn the temperature control dial to set the desired temperature.
 - Adjust the temperature to about 75°F (24°C) for normal operation.
 - The temperature of the passenger compartment will be maintained automatically. Air flow distribution and fan speed are also controlled automatically.

Economical operation (ECON)

Economical operation reduces some load to the engine to improve the fuel economy.

It allows higher humidity than normal operation.



Pushing the AUTO/ECON button changes operations as follows while the A/C button indicator is on. AUTO → ECON → AUTO

Heating (A/C off)

The air conditioner does not activate. When you need to heat only, use this mode.

1. Push the AUTO button. (AUTO will be displayed.)
2. Push the A/C button to turn off the air conditioner. The A/C button indicator will turn off.
3. Turn the temperature control dial to set the desired temperature.
 - The temperature of the passenger compartment will be maintained automatically. Air flow distribution and fan speed are also controlled automatically.
 - Do not set the temperature lower than the outside air temperature. Otherwise the system may not work properly.
 - Not recommended if windows fog up.

Dehumidified defrosting or defogging

1. Push the DEF button  on. (The indicator light on the button will come on.)
2. Turn the temperature control dial to set the desired temperature.
 - To quickly remove ice from the outside of the windows, push the manual fan control button + and set to the maximum position.
 - As soon as possible after the windshield is clean, push the AUTO button to return to the auto mode.
 - When the DEF button  is pushed, the air conditioner will automatically be turned on at outside temperatures above 23°F (-5°C) to defog the windshield, and the air recirculate mode will automatically be turned off.

Outside air is drawn into the passenger compartment to improve the defogging performance.


MANUAL OPERATION

Fan speed control


Push the fan control button – or + to manually control the fan speed.

Push the AUTO button to return to automatic control of the fan speed.

Fresh air

Push the fresh air button  to draw outside air into the passenger compartment. The indicator light on the button will come on.


Air recirculation


Push the air recirculation button  to recirculate interior air inside the vehicle. The indicator light on the button will come on.

The air recirculation button will not be activated when the air conditioner is in DEF mode.


Air flow control (MODE)

Pushing the MODE button selects the air outlet to:

 : Air flows from center and side ventilators.

 : Air flows from center and side ventilators and foot outlets.

 : Air flows mainly from foot outlets.

 : Air flows from defroster and foot outlets.

To turn the system off

Push the OFF button.

DUAL ZONE BUTTON (if so equipped)

You can set the temperature of the driver and front passenger sides individually.

Pushing the DUAL zone button changes the setting position as follows:

Driver/Passenger → Driver → Passenger

If selecting the Driver/Passenger position again after the temperature is individually set, the display will show the temperature set for the driver side.

AMBIENT TEMPERATURE

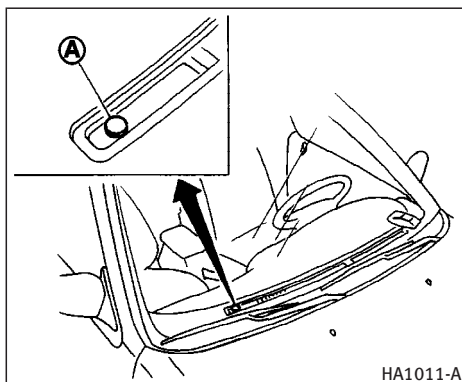
The outside ambient temperature will be shown on the center display.

The ambient temperature sensor is located in front of the radiator. The sensor may be affected by road or engine heat,

wind direction and other driving conditions. The display may differ from the actual outside temperature or the temperature displayed on various signs or billboards.

OPERATING TIPS

When the engine coolant temperature and outside air temperature are low, the air flow from the foot outlets may not operate for a maximum of 150 seconds. However, this is not a malfunction. After the coolant temperature warms up, the air flow from the foot outlets will operate normally.



The sensor ① on the instrument panel helps maintain a constant temperature; do not put anything on or around this sensor.

IN-CABIN MICROFILTER

The air conditioning system is equipped with an in-cabin microfilter which collects dirt, pollen, dust, etc. To make sure air conditioner heats, defogs, and ventilates efficiently, replace the filter in accordance with the maintenance schedule in the INFINITI Service and maintenance guide. To replace the filter, contact an INFINITI dealer.

The filter should be replaced if air flow decreases significantly or if windows fog up easily when operating the heater or air conditioning system.

SERVICING AIR CONDITIONER

The air conditioning system in your INFINITI vehicle is charged with a refrigerant designed with the environment in mind. **This refrigerant will not harm the earth's ozone layer.** However, special charging equipment and lubricant are required when servicing your INFINITI air conditioner. Using improper refrigerants or lubricants will cause severe damage to your air conditioning system. See "Capacities and recommended fuel/lubricants" in the "9. Technical and consumer information" section for air conditioning system refrigerant and lubricant recommendations.

An INFINITI dealer will be able to service your environmentally friendly air conditioning system.



WARNING

The air conditioner system contains refrigerant under high pressure. To avoid personal injury, any air conditioner service should be done only by an experienced technician with proper equipment.

AUDIO SYSTEM

Turn the ignition switch to the ACC or ON position and press the POWER, FM or AM button to turn on the radio. If you listen to the radio with the engine not running, the key should be turned to the ACC position.

Radio reception is affected by station signal strength, distance from radio transmitter, buildings, bridges, mountains and other external influences. Intermittent changes in reception quality normally are caused by these external influences.

Using a cellular phone in or near the vehicle may influence radio reception quality.

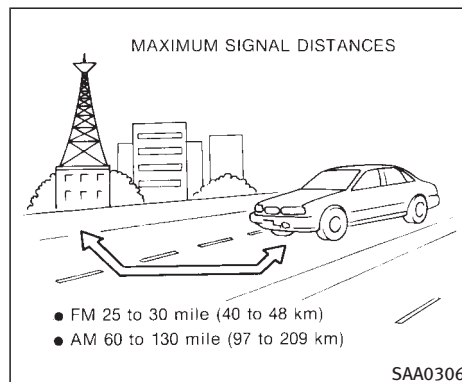
Radio reception

Your radio system is equipped with state-of-the-art electronic circuits to enhance radio reception. These circuits are designed to extend reception range, and to enhance the quality of that reception.

However there are some general characteristics of FM, AM and satellite radio signals that can affect radio reception quality in a moving vehicle, even when the finest equipment is used. These characteristics are completely normal in a given reception area, and do not indicate

any malfunction in your radio system.

Remember that a moving vehicle is not the ideal place to listen to a radio. Because of the movement, reception conditions will constantly change. Buildings, terrain, signal distance and interference from other vehicles can work against ideal reception. Described below are some of the factors that can affect your radio reception.



FM RADIO RECEPTION

Range: FM range is normally limited to 25 to 30 miles (40 to 48 km), with monaural (single channel) FM having slightly more range than stereo FM. External influences may sometimes interfere with FM station reception even if the FM station is within 25 miles (40 km). The strength of the FM signal is directly related to the distance between the transmitter and receiver. FM signals follow a line-of-sight path, exhibiting many of the same characteristics as light. For example they will reflect off objects.

Fade and drift: As your vehicle moves away from a station transmitter, the signals will tend to fade and/or drift.

Static and flutter: During signal interference from buildings, large hills or due to antenna position, usually in conjunction with increased distance from the station transmitter, static or flutter can be heard. This can be reduced by adjusting the treble control counterclockwise to reduce treble response.

Multipath reception: Because of the reflective characteristics of FM signals, direct and reflected signals reach the receiver at the same time. The signals may cancel each other, resulting in momentary flutter or loss of sound.

AM RADIO RECEPTION

AM signals, because of their low frequency, can bend around objects and skip along the ground. In addition, the signals can be bounced off the ionosphere and bent back to earth. Because of these characteristics, AM signals are also subject to interference as they travel from transmitter to receiver.

Fading: Occurs while the vehicle is passing through freeway underpasses or

in areas with many tall buildings. It can also occur for several seconds during ionospheric turbulence even in areas where no obstacles exist.

Static: Caused by thunderstorms, electrical power lines, electric signs and even traffic lights.

SATELLITE RADIO RECEPTION

When the satellite radio is first installed or the battery has been replaced, the satellite radio may not work properly. This is not a malfunction. Wait more than 10 minutes with satellite radio ON for satellite radio to receive all of the necessary data.

No satellite radio reception is available unless optional satellite receiver and antenna are installed (retrofit unavailable without factory satellite radio pre-wiring), and an XM[®] or SIRIUS[™] satellite radio service subscription is active.

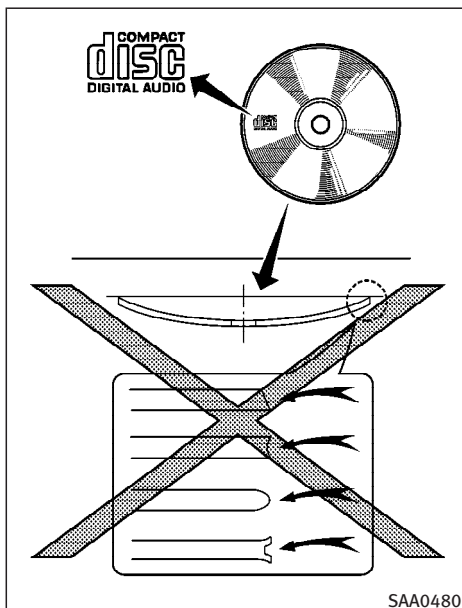
Satellite radio performance may be affected if cargo carried on the roof blocks the satellite radio signal.

If possible, do not put cargo over the satellite antenna.

AUDIO OPERATION PRECAUTIONS

Compact Disc (CD) player

- **During cold weather or rainy days, the player may malfunction due to the humidity. If this occurs, remove the CD and dehumidify or ventilate the player completely.**
- **The player may skip while driving on rough roads.**
- **The CD player sometimes cannot function when the passenger compartment temperature is extremely high. Decrease the temperature before use.**



- Only use high quality 4.7 inches (12 cm) round discs that have the “COMPACT disc DIGITAL AUDIO” logo on the disc or packaging.
- Do not expose the CD to direct sunlight.

- CDs that are of poor quality, dirty, scratched, covered with fingerprints, or that have pin holes may not work properly.

- The following CDs may not work properly:

- Copy control compact discs (CCCD)
- Recordable compact discs (CD-R)
- Rewritable compact discs (CD-RW)

- Do not use the following CDs as they may cause the CD player to malfunction.

- 3.1 in (8 cm) discs with an adapter
- CDs that are not round
- CDs with a paper label
- CDs that are warped, scratched, or have abnormal edges

- CDs with MP3 or WMA format cannot be written by this audio system.
- If the CD cannot be played, one of the following messages will be displayed.

CHECK DISC:

- Confirm that the CD is inserted cor-

rectly (the label side is facing up, etc.).

- Confirm that the CD is not bent or warped and it is free of scratches.

PUSH EJECT:

This is an error due to the temperature inside the player is too high. Remove the CD by pushing the EJECT button, and after a short time reinsert the CD. The CD can be played when the temperature of the player returns to normal.

UNPLAYABLE:

The file is unplayable in this audio system (only MP3 CD).

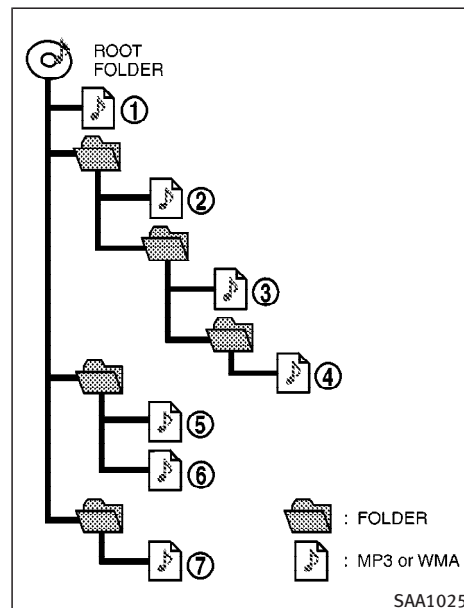
Compact Disc with MP3 or WMA

Terms:

- **MP3** — MP3 is short for Moving Pictures Experts Group Audio Layer 3. MP3 is the most well known compressed digital audio file format. This format allows for near “CD quality” sound, but at a fraction of the size of normal audio files. MP3 conversion of an audio track from CD-ROM can reduce the file size by approximately 10:1 ratio with virtually no perceptible loss in quality. MP3 compression removes the redundant and irrelevant parts of a sound signal that the human ear doesn’t hear.
- **WMA** — Windows Media Audio (WMA) is a compressed audio format created by Microsoft as an alternative to MP3. The WMA codec offers greater file compression than the MP3 codec, enabling storage of more digital audio tracks in the same amount of space when compared to MP3s at the same level of quality.
- **Bit rate** — Bit rate denotes the number of bits per second used by a digital music files. The size and quality of a compressed digital audio file is deter-

mined by the bit rate used when encoding the file.

- **Sampling frequency** — The rate at which the samples of a signal are converted from analog to digital (A/D conversion) per second.
 - **Multisession** — Multisession is one of the methods for writing data to media. Writing data once to the media is called a single session, and writing more than once is called a multisession.
 - **ID3 Tag** — The ID3 tag is the part of the encoded MP3 or WMA file that contains information about the digital music file such as song title, artist, album title, encoding bit rate, track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.
- * Windows® and Windows Media® are registered trademarks and trademarks in the United States of America and other countries of Microsoft Corporation of the USA.



Playback order:

Playback order of the CD with MP3 or WMA is as illustrated above.

- The folder names of folders not con-

taining MP3/WMA files are not shown in the display.

- If there is a file in the top level of the disc, “ROOT” is displayed.
- The playback order is the order in which the files were written by the writing software, so the files might not play in the desired order.

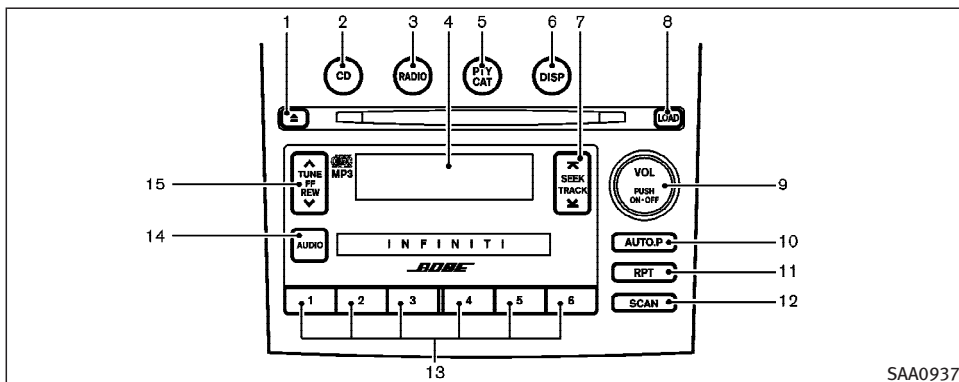
Specification chart:

| | | | |
|----------------------------------|-----|--------------------|--|
| Supported media | | | CD, CD-R, CD-RW |
| Supported file systems | | | ISO9660 LEVEL1, ISO9660 LEVEL2, Romeo, Joliet * ISO9660 Level 3 (packet writing) is not supported. |
| Supported versions* | MP3 | Version | MPEG1, MPEG2, MPEG2.5 |
| | | Sampling frequency | 8 kHz - 48 kHz |
| | | Bit rate | 8 kbps - 320 kbps, VBR |
| | WMA | Version | WMA7, WMA8, WMA9 |
| | | Sampling frequency | 32 kHz - 48 kHz |
| | | Bit rate | 48 kbps - 192 kbps, VBR |
| Tag information | | | ID3 tag VER1.0, VER1.1, VER2.2, VER2.3 (MP3 only) |
| Folder levels | | | Folder levels: 8, Folders: 255 (including route folder), Files: 512 |
| Text character number limitation | | | 128 characters |
| Displayable character codes | | | 01: ASCII, 02: ISO-8859-1, 03: UNICODE (UTF-16 BOM Big Endian), 04: UNICODE (UTF-16 Non-BOM Big Endian), 05: (UTF-8), 06: UNICODE (Non-UTF-16 BOM Little Endian) |

* Files created with a combination of 48 kHz sampling frequency and 64 kbps bit rate cannot be played.

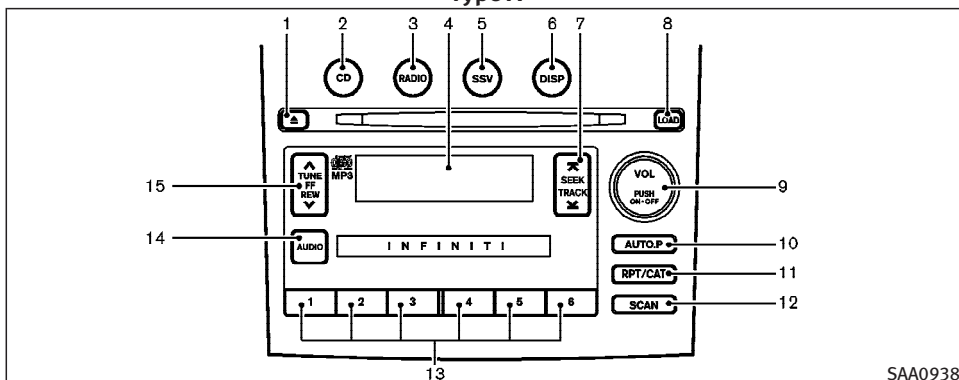
Troubleshooting guide:

| Symptom | Cause and Countermeasure |
|--|--|
| Cannot play | Check if the disc was inserted correctly. |
| | Check if the disc is scratched or dirty. |
| | Check if there is condensation inside the player, and if there is, wait until the condensation is gone (about 1 hour) before using the player. |
| | If there is a temperature increase error, the CD player will play correctly after it returns to the normal temperature. |
| | If there is a mixture of music CD files (CD-DA data) and MP3/WMA files on a CD, only the music CD files (CD-DA data) will be played. |
| | Files with extensions other than “.MP3”, “.WMA”, “.mp3” or “.wma” cannot be played. In addition, the character codes and number of characters for folder names and file names should be in compliance with the specifications. |
| Poor sound quality | Check if the disc is scratched or dirty. |
| It takes a relatively long time before the music starts playing. | If there are many folder or file levels on the MP3/WMA disc, or if it is a multisession disc, some time may be required before the music starts playing. |
| Music cuts off or skips | The writing software and hardware combination might not match, or the writing speed, writing depth, writing width, etc., might not match the specifications. Try using the slowest writing speed. |
| Skipping with high bit rate files | Skipping may occur with large quantities of data, such as for high bit rate data. |
| Move immediately to the next song when playing. | When a non-MP3/WMA file has been given an extension of “.MP3”, “.WMA”, “.mp3” or “.wma”, or when play is prohibited by copyright protection, there will be approximately 5 seconds of no sound and then the player will skip to the next song. |
| The songs do not play back in the desired order. | The playback order is the order in which the files were written by the writing software, so the files might not play in the desired order. |



SAA0937

Type A



SAA0938

Type B

1. CD EJECT button
2. CD play button
3. RADIO (FM/AM/SAT*) band select button
4. Audio display
5. PTY/CAT (Type A), SSV (Type B) button
6. DISP (Display) CHANGE button
7. SEEK, APS REW/APS FF, TRACK CHANGE button
8. CD LOAD button
9. POWER ON-OFF button, Volume control knob
10. AUTO-P (Automatic preset) button
11. RPT (repeat) play (Type A), RPT (repeat) play/CAT button (Type B)
12. SCAN tuning button
13. Station preset (FM/AM/SAT)/CD insert or CD play select button
14. AUDIO (BASS, TREBLE, FADER, BALANCE, SSV (Type A only)) button
15. RADIO TUNE/FF-REW/AUDIO (BASS, TREBLE, FADER, BALANCE, SSV (Type A only)) ADJUSTING button

* No satellite radio reception is available unless optional satellite receiver and antenna are installed (retrofit unavailable without factory satellite radio pre-wiring), and an XM® or SIRIUS™ satellite radio service subscription is active.

FM-AM-SATELLITE RADIO WITH COMPACT DISC (CD) CHANGER

Audio main operation

Head unit:

The radio has an FM diversity reception system, which employs two antennas printed on the rear window. This system automatically switches to the antenna which is receiving less interference.

The auto loudness circuit enhances the low frequency range automatically in both radio reception and CD playback.

POWER on/off:

Turn the ignition switch to the ACC or ON position, and then push the POWER on/off button while the system is off to call up the mode (radio, tape or CD) which was playing immediately before the system was turned off. When no CD or tape is loaded, the radio will come on. While the system is on, pushing the POWER on/off button turns the system off.

Volume control:

Turn the volume control knob to adjust the volume.

This vehicle has **Speed Sensitive control**

Volume (SSV) for audio. The audio volume changes as the driving speed changes.

AUDIO button (BASS, TREBLE, FADER, BALANCE, SSV (Type A only)):

Press the AUDIO button to change the selecting mode as follows.

BASS → TREBLE → FADER → BALANCE → SSV (Type A only) → (Normal) → BASS

To adjust Bass, Treble, Fader and Balance, press the AUDIO button until the desired mode BASS, TREBLE, FADER or BALANCE appears in the display. Press the TUNE (or ^) button to adjust Bass and Treble to the desired level. Use the v or ^ button also to adjust Fader or Balance modes. Fader adjusts the sound level between the front and rear speakers and Balance adjusts the sound between the right and left speakers.

To change the SSV mode to OFF, LOW, MID or HIGH, press the v or ^ (TUNE) button (Type A) or press the SSV button (Type B).

After 10 seconds, the radio, or CD display reappears. Once the sound quality is set to the desired level, press the AUDIO button repeatedly until the radio, or CD display appears.

DISP

DISPLAY CHANGE:

This button will work during FM radio, satellite radio (if so equipped) and CD operation. Find the detailed function in the description of each item.

FM-AM-SAT radio operation

RADIO

RADIO (FM/AM/SAT) band select

Pushing the RADIO band select button will change the band as follows:

(Without satellite radio)

AM → FM1 → FM2 → AM

(With satellite radio)

AM → FM1 → FM2 → SAT1 → SAT2 → AM

No satellite radio reception is available unless optional satellite receiver and antenna are installed (retrofit unavailable without factory satellite radio pre-wiring), and an XM® or SIRIUS™ satellite radio service subscription is active.

When the RADIO band select button is pushed while the ignition switch is in the ACC or ON position, the radio will come on at the station last played.

The last station/channel played will also come on when the ON-OFF/VOL control knob is pushed to ON.

If another audio source is playing when the RADIO button is turned to ON, the other audio source will automatically be turned off and the last radio station played will come on.

The FM stereo indicator ST will glow during FM stereo reception. When the stereo broadcast signal is weak, the radio will automatically change from stereo to monaural reception.



TUNE (Tuning):



WARNING

The radio should not be tuned while driving so full attention may be given to vehicle operation.



Use these buttons for manual tuning. To move quickly through the channels, hold

either of the TUNE buttons down for more than 0.5 seconds.





SEEK tuning:

For AM and FM radio:

Push the SEEK button  or , to tune from high to low or low to high frequencies and stops at the next broadcasting station.

For satellite radio:

Push the SEEK button  or  to seek channels of the next or previous category.



SCAN tuning:

Push the SCAN tuning button to tune from low to high frequencies and stops at each broadcasting station for 5 seconds. Pushing the button again during this 5 seconds period will stop SCAN tuning and the radio will remain tuned to that station.

If the SCAN tuning button is not pushed within 5 seconds, SCAN tuning moves to the next station.



DISPLAY:

- By pushing the DISP button for more than 1.5 seconds while receiving FM

radio waves, “PS-NAME” switches between ON and OFF (Type A only).

- Pushing the DISP button will display additional information about the satellite radio broadcast (for example: Artist name, Title). Keep pushing the DISP button, and it will change the information of the satellite radio broadcast to be displayed as follows:
CH Number → CH Name → Artist Name → Song Title → CH Number

Station memory operations:

Twelve stations/channels can be set for the FM band (six for FM1, six for FM2), twelve for satellite radio (six for SAT1, six for SAT2) and six stations can be set for the AM band.

1. Tune to the desired station using the SEEK, SCAN or TUNE button.
2. Select the desired station/channel and keep pushing any of the desired station preset buttons (1 to 6) until a beep sound is heard. (The radio mutes when the select button is pushed.)
3. The channel indicator will then come on and the sound will resume. Memorizing is now complete.

4. Other buttons can be set in the same manner.

If the battery cable is disconnected, or if the fuse blows, the preset station memory will be erased. In that case, reset the desired stations.

AUTO.P Automatic preset:

To select the preset FM, AM, SAT or PTY station/channel, push the AUTO.P button for less than 1.5 seconds.

To preset the FM, AM, SAT or PTY station/channel, push the AUTO.P button for more than 1.5 seconds.



PTY CAT Program type/category (Type A)



RPT/CAT Repeat/category (Type B):

When the PTY button is pressed for more than 1.5 seconds during FM mode, the PTY name of the current tuned station is displayed (Type A only). During this time if the PTY data code is zero, or the data is unreadable; the display will show NONE.

When the PTY (CAT) — type A, or RPT (CAT) — Type B, button is pressed for more than 1.5 seconds during the satellite radio mode, the category name of the current channel is displayed.

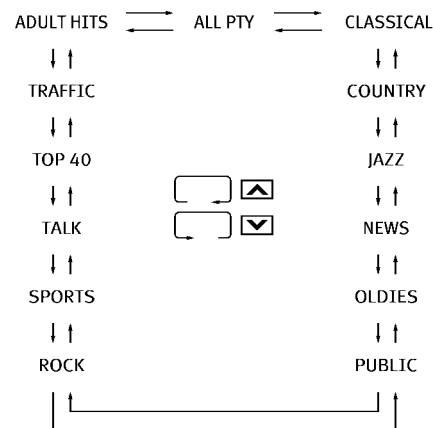
1. PTY (CAT) selection mode

PTY (CAT) name selection can be done by the up/down TUNE button  or  in the PTY (CAT) selection mode.



It is possible to shift the PTY (CAT) name by one step, with one push of the up/down tuning button  or .

PTY name selection can also be achieved by pressing the preset buttons.

Initial PTY names are stored in the station preset buttons; but these can be changed by pressing the station preset buttons for more than 1.5 seconds when the desired PTY name is in the display.



2. PTY SEEK tuning mode

After selecting a PTY name, push the SEEK button  or  within 10 seconds. Tuning to the PTY station will start. If you do not push the SEEK button within the 10 second period, the PTY mode will be canceled.

3. PTY SCAN tuning mode

Push the SCAN tuning button to tune the PTY name station, and stop at each broadcasting station for 5 sec-

onds. Pushing the button again during this 5 second period will stop SCAN tuning and the radio will remain tuned to that station. If the SCAN tuning button is not pushed within 5 seconds, SCAN tuning moves to the next station.

Compact disc (CD) changer operation

Turn the ignition switch to the ACC or ON position, push the LOAD button and insert the compact disc into the slot with the label side facing up. The CD will be guided automatically into the slot and start playing.

After loading the disc, the number of tracks on the disc and the play time will appear on the display.

If the radio is already operating, it will automatically turn off and the CD will play.



CAUTION

Do not force the compact disc into the slot.
This could damage the player.

If the system has been turned off while the CD was playing, pushing the ON-OFF/VOL control button will start the compact disc.

LOAD CD LOAD:

To insert a CD in the CD changer, push the LOAD button for less than 1.5 seconds. Select the loading slot by pushing the CD insert select button (1 to 6), then insert the CD.

To insert 6 CDs to the CD changer in succession, push the LOAD button for more than 1.5 seconds.

The inserted slot numbers will illuminate on the display.

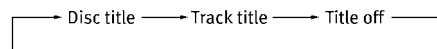
CD PLAY:

When the CD button is pushed with the system off and the compact disc loaded, the system will turn on and the compact disc will start to play.

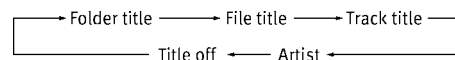
When the CD button is pushed with the CD loaded with the radio playing, the radio will automatically be turned off and the compact disc will start to play.

DISP DISPLAY:

When the display button is pushed for more than 1.5 seconds while the CD is being played, the music information displayed can be changed in the following order.
(CD)





(CD with MP3 or WMA)







FF (Fast Forward), REW (Rewind):

(CD)

When the  (fast forward) or  (rewind) button is pushed while the compact disc is being played, the CD will play while fast forwarding or rewinding. When the button is released, the CD will return to normal play speed.



(CD with MP3 or WMA)

When the  or  button is pushed for less than 1.5 seconds while the CD is being played, the folders in the CD will be changed.

When the  or  button is pushed for more than 1.5 seconds while the CD is being played, the CD will play while fast forwarding or rewinding. When the button is released, the CD will return to the normal play speed.



APS (Automatic Program Search) FF, APS REW:

When the  (APS FF) button is pushed while the CD is being played, the program after the present one will start to play from its beginning. Push several times to skip through programs. The CD will advance the number of times the button is pushed. (When the last program on the CD is skipped through, the first program will be played.) When the  (APS REW) button is pushed, the program being played returns to its beginning. Push several times to skip back through programs. The CD will go back the number of times the button is pushed.

CD PLAY select button:

To change CD, push the CD play select button (1 to 6).

SCAN SCAN tuning:

When the SCAN tuning button is pushed for less than 1.5 seconds while the CD is being played, the beginning of all the CD programs in each track will be played for 10 seconds in sequence.

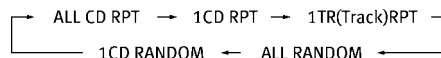
When the SCAN tuning button is pushed for more than 1.5 seconds while the CD is being played, the first program in all the CDs will be played for 10 seconds.

Pushing the button again during this 10 second period will stop SCAN tuning.

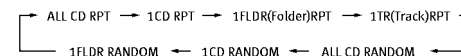
If the SCAN tuning button is not pushed within 10 seconds, SCAN tuning moves to the next disc program.

RPT REPEAT (RPT):

When the RPT button is pushed while the CD is played, the play pattern can be changed as follows:
(CD)



(CD with MP3 or WMA)



CD EJECT:

When the CD EJECT button is pushed with the CD loaded, the CD will be ejected.

To eject the discs selected by the CD select button, push the EJECT button for less than 1.5 seconds.

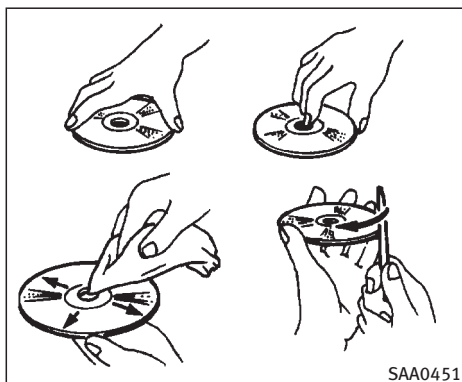
To eject all the discs, push the EJECT button for more than 1.5 seconds.

When this button is pushed while the CD is being played, CD will come out and the system will turn off.

If the CD comes out and is not removed, it will be pulled back into the slot to protect it.

CD IN indicator:

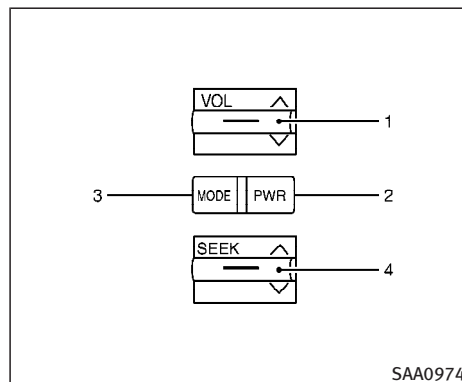
CD IN indicator appears on the display when the CD is loaded with the system on.



and outer edges. Remove the rough edges using the side of a pen or pencil as illustrated.

CD CARE AND CLEANING

- Handle a CD by its edges. Never touch the surface of the disc. Do not bend the disc.
- Always place the discs in the storage case when they are not being used.
- To clean a disc, wipe the surface from the center to the outer edge using a clean, soft cloth. Do not wipe the disc using a circular motion. Do not use a conventional record cleaner or alcohol intended for industrial use.
- A new disc may be rough on its inner



1. Volume control switch
2. Power on/off switch
3. MODE select switch
4. Memory change-Seek and APS switch

STEERING SWITCH FOR AUDIO CONTROL (if so equipped)

The audio system can be operated using the controls on the steering wheel.

POWER on/off switch

With the ignition switch turned to the ACC or ON position, push the POWER switch to turn the audio system on or off.

MODE select switch

Push the mode select switch to change the mode in the sequence of AM, FM1, FM2, SAT1 (if so equipped), SAT2 (if so equipped) and CD.



Volume control switches

Push the volume control switch to increase or decrease the volume.





Tuning

Memory change (radio):



Push the tuning switch  or  for less than 1.5 seconds to change the radio frequency.

Seek tuning (radio):

Push the tuning switch  or  for more than 1.5 seconds to seek the next or previous radio station.



APS (Automatic Program Search) FF, APS REW:



(CD)

Push the tuning switch  or  for less than 1.5 seconds to return to the beginning of the present program or skip to the next program. Push several times to skip back or skip through programs.



This system searches for the blank intervals between selections. If there is a blank interval within one program or there is no interval between programs, the system may not stop in the desired or expected location.

(CD with MP3 or WMA)

Push the tuning switch  or  more than 1.5 seconds to change the folders (if it has folders).

Push the tuning switch  or  for less than 1.5 seconds to return to the beginning of the present program or skip to the next program.

Disc change (except CD with MP3 or WMA):

Push the tuning switch  or  for more than 1.5 seconds to change the playing disc up or down.

ANTENNA

Window antenna

The antenna pattern is printed inside the rear window.



CAUTION

- Do not place metalized film near the rear window glass or attach any metal parts to it. This may cause poor reception or noise.
- When cleaning the inside of the rear window, be careful not to scratch or damage the rear window antenna. Lightly wipe along the antenna with a dampened soft cloth.

CAR PHONE OR CB RADIO

When installing a CB, ham radio or car phone in your INFINITI, be sure to observe the following cautions, otherwise the new equipment may adversely affect the Engine control system and other electronic parts.



WARNING

- A cellular telephone should not be used while driving so full attention may be given to vehicle operation. Some jurisdictions prohibit the use of cellular telephones while driving.
- If you must make a call while your vehicle is in motion, the hands free cellular phone operational mode (if so equipped) is highly recommended. Exercise extreme caution at all times so full attention may be given to vehicle operation.
- If a conversation in a moving vehicle requires you to take notes, pull off the road to a safe location and stop your vehicle before doing so.



CAUTION

- Keep the antenna as far away as possible from the electronic control modules.
- Keep the antenna wire more than 8 in (20 cm) away from the electronic control system harness. Do not route the antenna wire next to any harness.
- Adjust the antenna standing-wave ratio as recommended by the manufacturer.
- Connect the ground wire from the CB radio chassis to the body.
- For details, consult an INFINITI dealer.

MEMO

5 Starting and driving

| | | | |
|--|------|--|------|
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PRECAUTIONS WHEN STARTING AND DRIVING



WARNING

- Do not leave children, impaired adults, or pets alone in your vehicle. They could accidentally injure themselves or others through inadvertent operation of the vehicle. Also, on hot, sunny days, temperatures in a closed vehicle could quickly become high enough to cause severe or possibly fatal injuries to people or animals.
- Closely supervise children when they are around cars to prevent them from playing and becoming locked in the trunk where they could be seriously injured. Keep the car locked, with the rear seatback and trunk lid securely latched when not in use, and prevent children's access to car keys.

EXHAUST GAS (Carbon monoxide)



WARNING

Do not breathe exhaust gases; they contain

colorless and odorless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

- If you suspect that exhaust fumes are entering the vehicle, drive with all windows fully open, and have the vehicle inspected immediately.
- Do not run the engine in closed spaces such as a garage.
- Do not park the vehicle with the engine running for any extended length of time.
- Keep the trunk lid closed while driving, otherwise exhaust gases could be drawn into the passenger compartment. If you must drive with the trunk lid open, follow these precautions:
 - Open all the windows.
 - Set the air recirculation switch OFF and the fan control at high to circulate the air.
- If electrical wiring or other cable connections must pass to a trailer through

the seal on the trunk lid or the body, follow the manufacturer's recommendation to prevent carbon monoxide entry into the vehicle.

- If a special body, camper, or other equipment is added for recreational or other usage, follow the manufacturer's recommendation to prevent carbon monoxide entry into the vehicle. (Some recreational vehicle appliances such as stoves, refrigerators, heaters, etc. may also generate carbon monoxide.)
- The exhaust system and body should be inspected by a qualified mechanic whenever:
 - Your vehicle is raised while being serviced.
 - You suspect that exhaust fumes are entering into the passenger compartment.
 - You notice a change in the sound of the exhaust system.
 - You have had an accident involving damage to the exhaust system, un-

derbody, or rear of the vehicle.

THREE WAY CATALYST

The three way catalyst is an emission control device installed in the exhaust system. Exhaust gas in the converter is burned at high temperatures to help reduce pollutants.



WARNING

- The exhaust gas and the exhaust system are very hot. Keep people, animals or flammable materials away from the exhaust system components.
- Do not stop or park the vehicle over flammable materials such as dry grass, waste paper or rags. They may ignite and cause a fire.



CAUTION

- Do not use leaded gasoline. Deposits from leaded gasoline will seriously re-

duce the three-way catalyst's ability to help reduce exhaust pollutants.

- Keep your engine tuned up. Malfunctions in the ignition, fuel injection, or electrical systems can cause overrich fuel flow into the three-way catalyst, causing it to overheat. Do not keep driving if the engine misfires, or if noticeable loss of performance or other unusual operating conditions are detected. Have the vehicle inspected promptly by an INFINITI dealer.
- Avoid driving with an extremely low fuel level. Running out of fuel could cause the engine to misfire, damaging the three-way catalyst.
- Do not race the engine while warming it up.
- Do not push or tow your vehicle to start the engine.

LOW TIRE PRESSURE WARNING SYSTEM

This vehicle is equipped with the low tire pressure warning system. It monitors tire

pressure of all tires except the spare. When the low tire pressure warning light is lit, one or more of your tires is significantly under-inflated.

The low tire pressure warning system will activate only when the vehicle is driven at speeds above 20 MPH (32 km/h). Also, this system may not detect a sudden drop in tire pressure (for example, a flat tire while driving).

Tire pressure rises and falls depending on the heat caused by the vehicle's operation and the outside temperature. Low outside temperature can lower the temperature of the air inside the tire which can cause a lower tire inflation pressure. This may cause the low tire pressure warning light to illuminate.

If the warning light illuminates in low ambient temperatures as described above, check the tire pressure for all four tires. Adjust the tire pressure to the recommended COLD tire pressure shown on the Tire and Loading Information label to turn the low tire pressure warning light OFF.

Frequently check the tire pressure and adjust the pressure of each tire properly.

Low tire pressure warning

If the vehicle is being driven with a low tire pressure (lower than 25 psi: Sedan 17 inch and Coupe 17 inch wheel model / 27 psi: Sedan 18 inch wheel model / 28 psi: Coupe 18 and 19 inch wheel model), the low tire pressure warning light comes on, and the chime sounds for about 10 seconds.

For additional information regarding the above warning, see “Warning/indicator lights and audible reminders” in the “2. Instruments and controls” section.



WARNING

- If the low tire pressure warning light flashes while driving, avoid sudden steering maneuvers or abrupt braking, reduce vehicle speed, pull off the road to a safe location and stop the vehicle as soon as possible. Serious vehicle damage could occur and may lead to an accident and could result in serious personal injury. Check the tire pressure

for all four tires. Adjust the tire pressure to the recommended COLD tire pressure shown on the Tire and Loading Information label to turn the low tire pressure warning light OFF. If you have a flat tire, replace it with a spare tire as soon as possible. (See “Flat tire” in the “6. In case of emergency” section for changing a flat tire.)

- When a spare tire is mounted or a wheel is replaced, the low tire pressure warning system will not function. Contact an INFINITI dealer as soon as possible for tire replacement and/or system resetting.
- Do not inject any tire liquid or aerosol tire sealant into the tires, as this may cause a malfunction of the tire pressure sensors.



CAUTION

Do not place metalized film or any metal parts (antenna, etc.) on the windows. This

may cause poor reception of the signals from the tire pressure sensors, and the low tire pressure warning system will not function properly.

FCC Notice:

Changes or modifications not expressly approved by the manufacturer compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules and RSS-210 of Industry Canada.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

AVOIDING COLLISION AND ROLLOVER



WARNING

Failure to operate this vehicle in a safe and prudent manner may result in loss of control or an accident.

Be alert and drive defensively at all times. Obey all traffic regulations. Avoid excessive speed, high speed cornering, or sudden steering maneuvers. These driving practices could cause you to lose control of your vehicle. **As with any vehicle, a loss of control could result in a collision with other vehicles or objects, or cause the vehicle to rollover, particularly if the loss of control causes the vehicle to slide sideways.** Be attentive at all times, and avoid driving when tired. Never drive under the influence of alcohol or drugs (including prescription or over-the-counter drugs which may cause drowsiness). Always wear your seat belt. See “Seat belts” in the “1. Safety — Seats, seat belts and supplemental restraint system” section. Also instruct your passengers to do so.

Seat belts help reduce the risk of injury in collisions and rollovers. In a rollover crash, an unbelted or improperly belted person is significantly more likely to be injured or killed than a person properly wearing a seat belt.

DRINKING ALCOHOL/DRUGS AND DRIVING



WARNING

Never drive under the influence of alcohol or drugs. Alcohol in the bloodstream reduces coordination, delays reaction time and impairs judgement. Driving after drinking alcohol increases the likelihood of being involved in an accident injuring yourself and others. Additionally, if you are injured in an accident, alcohol can increase the severity of the injury.

INFINITI is committed to safe driving. You must not drive under the influence of alcohol. Every year thousands of people are injured or killed in alcohol related accidents. Although the local laws vary on what is considered to be legally intoxicated, the fact is that alcohol affects all

people differently and most people underestimate the effects of alcohol.

Remember, drinking and driving don't mix!

And that's true for drugs too (over the counter, prescription, and illegal drugs). Don't drive if your ability to operate your vehicle is impaired by alcohol, drugs, or some other physical condition.

AWD DRIVING SAFETY PRECAUTIONS

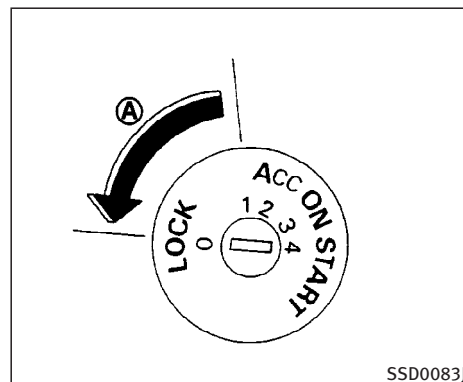


WARNING

- Do not drive beyond the performance capability of the tires, even with AWD engaged. Accelerating quickly, sharp steering maneuvers or sudden braking may cause loss of control.
- Always use tires of the same type, size, brand, construction (bias, bias-belted or radial), and tread pattern on all four wheels. Install tire chains on the rear wheels when driving on slippery roads and drive carefully.

- This vehicle is not designed for off-road (rough road) use. Do not drive on sandy or muddy roads that tires may get stuck in.
- Do not place an AWD equipped vehicle on a two wheel dynamometer or raise two wheels off the ground and shift the transmission to any D (drive) or R (reverse) position. Doing so may result in transmission damage or unexpected vehicle movement which could result in serious vehicle damage or personal injury.
- Never operate the accelerator pedal with any wheels raised and the other wheels on the ground while jacking up or with any wheels on a roller and the other wheels on the ground. Otherwise, the vehicle could lurch forward or backward.
- When a wheel is off the ground due to an unlevel surface, do not spin the wheel excessively.

IGNITION SWITCH (except Intelligent Key system)



SSD0083J

AUTOMATIC TRANSMISSION

The ignition switch includes an anti-theft steering lock device. On automatic transmission models, the ignition lock is designed so that the key cannot be turned to LOCK and removed until the selector lever is moved to the P position.

If the selector lever is not returned to the P position, the key cannot be moved toward LOCK.

When removing the key from the ignition switch, make sure the selector lever is in the P position.

When the key cannot be turned toward the LOCK position, proceed as follows to remove the key:

1. Move the selector lever into the P position.
2. Turn the ignition key slightly in the ON direction.
3. Turn the key toward the LOCK position.
4. Remove the key.

If the key is removed from the ignition switch, the selector lever cannot be moved from the P position. **The selector lever can be moved if the ignition switch is in the ON position and the foot brake pedal is depressed.**

There is an OFF position (A) in between LOCK and ACC, although it does not show on the lock cylinder. When the ignition switch is in the OFF position the steering wheel is not locked.

In order to lock the steering wheel, it must be turned about 1/6 of a turn counterclockwise from the straight up position.

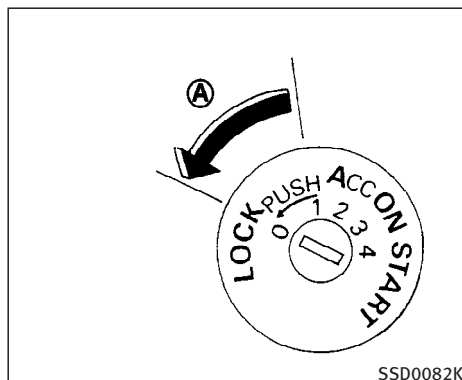
To lock the steering wheel, turn the key to the LOCK position. Remove the key.

To unlock the steering wheel, insert the key and turn it gently while rotating the steering wheel slightly right and left.



WARNING

Never remove or turn the key to the LOCK position while driving. The steering wheel will lock. This may cause the driver to lose control of the vehicle and could result in serious vehicle damage or personal injury.



MANUAL TRANSMISSION

The ignition switch includes an anti-theft steering lock device.

On manual transmission models, the ignition lock is designed so that the key cannot be turned to LOCK and removed unless the key is pushed in while turning the key between ACC and LOCK (A).

In order for the steering wheel to be locked, it must be turned about 1/6 of a turn clockwise from the straight up position.

To lock the steering wheel, turn the key

to the LOCK position. Remove the key.

To unlock the steering wheel, insert the key and turn it gently while rotating the steering wheel slightly right and left.



WARNING

Never remove or turn the key to the LOCK position while driving. The steering wheel will lock. This may cause the driver to lose control of the vehicle and could result in serious vehicle damage and/or personal injury.

KEY POSITIONS

The ignition switch includes an anti-theft steering lock device.

LOCK (Normal parking position) (0)

The ignition key can only be removed when the ignition switch is in this position.

OFF (1)

The engine can be turned off without locking the steering wheel.

The ignition lock is designed so that the

key cannot be turned to LOCK and removed until the selector lever is moved to the P position (for automatic transmission) or the key is pushed in while turning the key between ACC and LOCK.

ACC (Accessories) (2)

This position activates electrical accessories when the engine is not running.

ON (Normal operating position) (3)

This position activates ignition system in addition to electrical accessories.

START (4)

This position activates the starter motor, starting the engine.

INFINITI VEHICLE IMMOBILIZER SYSTEM

The INFINITI Vehicle Immobilizer System will not allow the engine to start without the use of the registered INFINITI Vehicle Immobilizer System key.

If the engine fails to start using the registered INFINITI Vehicle Immobilizer System key, it may be due to interference caused by another INFINITI Vehicle Immobilizer System key, an automated toll road device or automated payment device

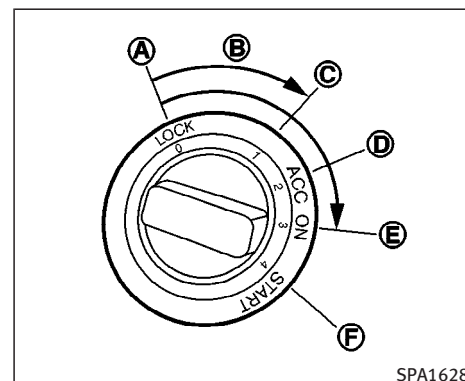
5-8 Starting and driving

on the key ring. Restart the engine using the following procedures:

1. Leave the ignition switch in the ON position for approximately 5 seconds.
2. Turn the ignition switch to the OFF or LOCK position and wait approximately 10 seconds.
3. Repeat steps 1 and 2 again.
4. Restart the engine while holding the device (which may have caused the interference) away from the registered INFINITI Vehicle Immobilizer System key.

If this procedure allows the engine to start, INFINITI recommends placing the registered INFINITI Vehicle Immobilizer System key on a separate key ring to avoid interference from other devices.

IGNITION KNOB (models with the Intelligent Key system)



The ignition lock is designed so that the ignition knob cannot be turned to LOCK and removed until the selector lever is moved to the P (Park) position.

When turning the ignition knob, make sure the selector lever is in the P position.

If the selector lever is not returned to the P position, the ignition knob cannot be moved toward LOCK.

When the ignition knob cannot be turned toward the LOCK position, proceed as follows:

1. Move the selector lever into the P position.
2. Turn the ignition knob slightly in the ON direction.
3. Turn the key toward the LOCK position.

The selector lever can be moved from P position if the ignition knob is in the ON position and the foot brake pedal is depressed.

There is an OFF position in between LOCK and ACC, although it does not show on the lock cylinder. When the ignition is in OFF the steering wheel is not locked.

In order for the steering wheel to be locked, it must be turned about 1/6 of a turn counterclockwise from the straight up position.

To lock the steering wheel, turn the ignition knob to the LOCK position. To unlock the steering wheel, push the ignition knob in and turn it gently while rotating the steering wheel slightly right and left.

If the battery of the vehicle equipped with the Intelligent Key system is discharged, the ignition knob cannot be turned from the LOCK position, even

using the mechanical key or valet key.



WARNING

Never turn the ignition knob to the LOCK position while driving. The steering wheel will lock. This may cause the driver to lose control of the vehicle and could result in serious vehicle damage and/or personal injury.

IGNITION KNOB POSITIONS

Push in the ignition knob to the (B) range when you turn it.

LOCK (Normal parking position):

The ignition knob can only be locked in the (A) position.

The ignition knob will be unlocked when it is pushed in, and turned to the ACC position (D) while carrying the Intelligent Key.

ACC (Accessories) (D):

This position activates electrical accessories such as the radio, when the engine is not running.

ON (Normal operating position) (E):

This position turns on the ignition system and electrical accessories.

START (F):

This position starts the engine. As soon as the engine has started, release the knob immediately. It will automatically return to the ON position.

For important safety information, see “Ignition switch” in the “5. Starting and driving” section.

The ignition knob cannot be turned back to the LOCK position unless the shift lever is in P position. (It can be turned to only (C).)



CAUTION

Do not leave the vehicle with the ignition knob in ACC or ON positions when the engine is not running for an extended period. This can discharge the battery.

INFINITI VEHICLE IMMOBILIZER SYSTEM

The INFINITI Vehicle Immobilizer System
Starting and driving 5-9

will not allow the engine to start without the use of the registered INFINITI Vehicle Immobilizer System key.

If the engine fails to start using the registered INFINITI Vehicle Immobilizer System key, it may be due to interference caused by another INFINITI Vehicle Immobilizer System key, an automated toll road device or an automated payment device on the key ring. Restart the engine using the following procedures:

1. Leave the ignition switch in the ON position for approximately 5 seconds.
2. Turn the ignition switch to the OFF or LOCK position and wait approximately 10 seconds.
3. Repeat step 1 and 2 again.
4. Restart the engine while holding the device (which may have caused the interference) separate from the registered INFINITI Vehicle Immobilizer System key.

If this procedure allows the engine to start, INFINITI recommends placing the registered INFINITI Vehicle Immobilizer System key on a separate key ring to avoid interference from other devices.

5-10 Starting and driving

BEFORE STARTING THE ENGINE

- Make sure the area around the vehicle is clear.
- Make sure the periodical maintenance is being performed.
- Make sure all windows and lights are clean.
- Make sure of the proper inflation of tires and their conditions.
- Make sure to lock all doors.
- Make sure to adjust seats and head restraints.
- Make sure to adjust inside and outside mirrors.
- Make sure to fasten seat belts and direct all passengers to do likewise.
- Make sure to check the operation of warning lights when the key is turned to the ON (3) position.

STARTING THE ENGINE

1. Apply the parking brake.

2. **Automatic transmission:**

Move the selector lever to P or N. (P preferred.)

The starter is designed so that the starter does not operate unless the selector lever is in either one of the above positions.

Manual transmission:

Move the shift lever to the N position. Depress the clutch pedal fully to the floor.

The starter is designed so that it does not operate unless the clutch pedal is fully depressed.

3. Turn the ignition switch to START (4) to crank the engine **with your foot off the accelerator pedal**. Release the key when the engine starts.

If the engine starts, but fails to run, repeat the above procedure.

- If the engine is very hard to start in extremely cold weather or when restarting, depress the accelerator pedal a little (approximately 1/3 to the floor) and while holding, crank the engine.

Release the key and the accelerator pedal when the engine starts.

- If the engine is very hard to start because it is flooded, depress the accelerator pedal all the way to the floor and hold it. Crank the engine for 5 to 6 seconds. After cranking the engine, release the accelerator pedal. Crank the engine **with your foot off the accelerator pedal** by turning the ignition key to START. Release the key when the engine starts. If the engine starts, but fails to run, repeat the above procedure.



CAUTION

Do not operate the starter for more than 15 seconds at a time. If the engine does not start, turn the key off and wait 10 seconds before cranking again, otherwise the starter could be damaged.

4. Warm-up

Allow the engine to idle for at least 30 seconds after starting. Do not race the engine while warming it up. Drive at moderate speed for a short distance first, especially in cold weather. In

cold weather, keep the engine running for a minimum of 2 - 3 minutes before shutting it off. Starting and stopping the engine over a short period of time may make the vehicle more difficult to start.

DRIVING THE VEHICLE

AUTOMATIC TRANSMISSION

5 speed automatic transmission

The automatic transmission in your vehicle is electronically controlled by a transmission control module to produce maximum efficiency and smooth operation.

Shown on the following pages are the recommended operating procedures for this transmission. Follow these procedures for maximum vehicle performance and driving enjoyment.

Starting the vehicle

After starting the engine, fully depress the foot brake pedal and push the selector lever button before shifting the selector lever to the R (Reverse), N (Neutral), D (Drive) or Manual shift mode position. Be sure the vehicle is fully stopped before attempting to shift the selector lever.

This automatic transmission model is designed so that the foot brake pedal must be depressed before shifting from P (Park) to any drive position while the ignition switch is ON.

The selector lever cannot be moved out of the P (Park) position and into any of the

Starting and driving 5-11

other gear positions if the ignition switch is turned to the LOCK, OFF or ACC position or if the key is removed from the switch.

1. Keep the foot brake pedal depressed and push the selector lever button to shift into a driving gear.
2. Release the parking brake and foot brake, then gradually start the vehicle in motion.



WARNING

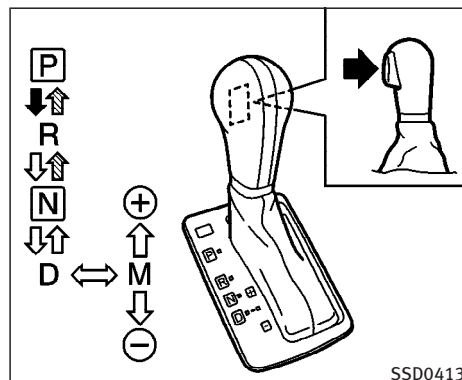
- Do not depress the accelerator pedal while shifting from P (Park) or N (Neutral) to R (Reverse), D (Drive) or manual shift mode. Always depress the brake pedal until shifting is completed. Failure to do so could cause you to lose control and have an accident.
- Cold engine idle speed is high, so use caution when shifting into a forward or reverse gear before the engine has warmed up.
- On slippery roads, do not downshift. This may cause a loss of control.

- Never shift to P (Park) or R (Reverse) while vehicle is moving forward. Never shift to P (Park) or D (Drive) while vehicle is moving rearward. Failure to do so could cause you to lose control and have an accident.



CAUTION

When stopping the vehicle on an uphill grade, do not hold the vehicle by depressing the accelerator pedal. The foot brake should be used for this purpose.



To move the selector lever,

- ➡ : Push the button while depressing the brake pedal,
- ➡ : Push the button,
- ➡ : Just move the selector lever.

Shifting

After starting the engine, fully depress the brake pedal and shift the selector lever from P (Park) to R (Reverse), N (Neutral), D (Drive), or Manual shift mode position.

Push the button to shift into P (Park) or R (Reverse). All other positions can be selected without pushing the button.



WARNING

Apply the parking brake if the selector lever is in any position while the engine is not running. Failure to do so could cause the vehicle to move unexpectedly or roll away and result in serious personal injury or property damage.

If the key is turned to OFF or ACC for any reason while the vehicle is in R (Reverse), N (Neutral), or any D (Drive) position, the key cannot be turned to LOCK and be removed from the ignition switch. Move the selector lever to P (Park) position, then the key can be turned to LOCK.

P (Park):

Use this selector position when the vehicle is parked or when starting the engine. Make sure the vehicle is completely stopped. **The brake pedal must be depressed and the selector lever button pushed in to move the selector lever from N (Neutral) or any drive position to P (Park).** Apply the parking brake. When parking on a hill, apply the parking brake first, then move the lever to the P (Park) position.



CAUTION

Use this position only when the vehicle is completely stopped.

R (Reverse):

Use this position to back up. Always be sure the vehicle is completely stopped before selecting R (Reverse). **The brake pedal must be depressed and the selector lever button pushed in to move the selector lever from P (Park), N (Neutral) or any drive position to R (Reverse).**

N (Neutral):

Neither forward nor reverse gear is engaged. The engine can be started in this position. You may shift to N (Neutral) and restart a stalled engine while the vehicle is moving.

D (Drive):

Use this position for all normal forward driving.

Manual shift mode

When the selector lever is shifted from D to the manual shift gate with the vehicle

stopped or while driving, the transmission enters the manual shift mode. Shift range can be selected manually.

In the manual shift mode, the shift range is displayed on the position indicator in the meter.

Shift ranges up or down one by one as follows:

1_M → 2_M ← 3_M ← 4_M ← 5_M

5_M (5th):

Use this position for all normal forward driving.

4_M (4th):

For driving up or down long slopes where engine braking would be advantageous.

3_M (3rd) and 2_M (2nd):

Use for hill climbing or engine braking on downhill grades.

1_M (1st):

Use this position when climbing steep hills slowly or driving slowly through deep snow, sand or mud, or for maximum engine braking on steep downhill grades.

- Remember not to drive at high speeds for extended periods of time in lower

than 4_M range. This reduces gas mileage.

- When shifting up, move the selector lever to the + (up) side. (Shifts to higher range.)
- When shifting down, move the selector lever to the – (down) side. (Shifts to lower range.)
- Moving the selector lever rapidly to the same side twice will shift the ranges in succession.
- When canceling the manual shift mode, return the selector lever to the D position. The transmission returns to the normal driving mode.
- **In the manual shift mode, the transmission may not shift to the selected gear. This helps maintain driving performance and reduces the chance of vehicle damage or loss of control.**

In the manual shift mode, the transmission automatically shifts down to 1st gear before the vehicle comes to a stop. When accelerating again, it is necessary to shift up to the desired range.

Accelerator downshift — In D position —

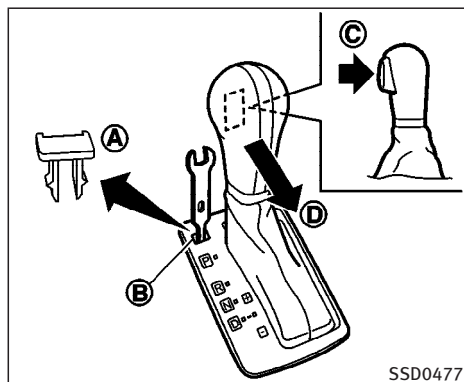
For passing or hill climbing, fully depress the accelerator pedal to the floor. This shifts the transmission down into the lower gear, depending on the vehicle speed.

Fail-safe

When the fail-safe operation occurs, the next time the key is turned to the ON position, the ^{AT}_{CHECK} light will blink for approximately 8 seconds after coming on for 2 seconds. While the vehicle can be driven under these circumstances please note that the gears in the automatic transmission will be locked in 4th gear.

If the vehicle is driven under extreme conditions, such as excessive wheel spinning and subsequent hard braking, the fail-safe system may be activated. This will occur even if all electrical circuits are functioning properly. In this case, turn the ignition switch to the OFF position and wait for 3 seconds. Then turn the key back to the ON position. The vehicle should return to its normal operating condition. If it does not return to its normal operating condition, have an

INFINITI dealer check the transmission and repair if necessary.



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Shift lock release

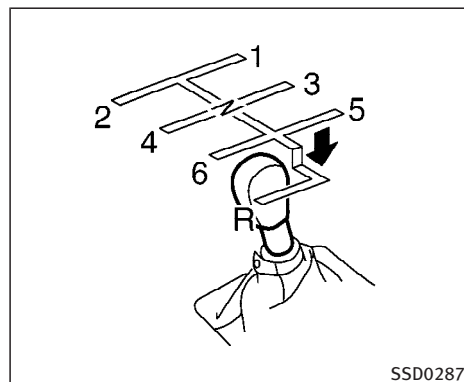
If the battery charge is low or discharged, the selector lever may not be moved from the P (Park) position even with the brake pedal depressed and the selector lever button pushed.

To move the selector lever, release the shift lock and push the selector lever button. The selector lever can be moved to N (Neutral). However, the steering wheel will be locked unless the ignition switch is turned to the ON position.

To release the shift lock, complete the following procedure:

1. Turn the ignition switch to the LOCK position and remove the key.
2. Apply the parking brake.
3. Remove the shift lock cover (A).
4. Insert a suitable tool in the shift lock slot, and push down (B).
5. Push the selector lever button (C) and move the selector lever to N (Neutral) position (D) while holding down the shift lock.
6. Turn the ignition switch to the ON position to unlock the steering wheel. Now the vehicle may be moved to the desired location.

If the lever cannot be moved out of P (Park), have an INFINITI dealer check the automatic transmission system as soon as possible.



SSD0287

MANUAL TRANSMISSION

Shifting

To change gears, or when up shifting or down shifting, fully depress the clutch pedal, shift into the appropriate gear, then slowly and smoothly release the clutch.

This vehicle is equipped with a short throw shifter manual transmission. To ensure smooth gear changes, fully depress the clutch pedal before operating the shift lever. If the clutch pedal is not fully depressed before the transmission is

shifted, a gear noise may be heard. Transmission damage could occur.

Start the vehicle in 1st gear and shift to 2nd, 3rd, 4th, 5th and 6th gear in sequence according to the vehicle speed.

To back up, depress the shift lever and then move it to the R (Reverse) position after stopping the vehicle completely.

If it is difficult to move the shift lever into R (Reverse) or 1 (Low gear), shift to N (Neutral), and then release the clutch pedal once. Fully depress the clutch pedal again and shift into R or 1.



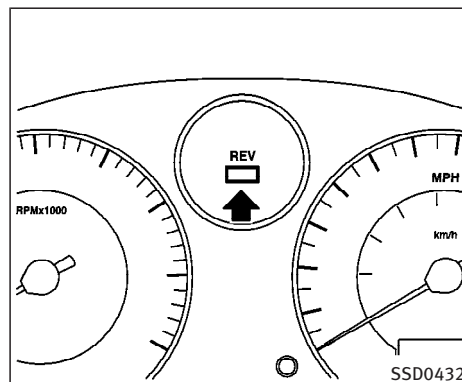
WARNING

- Do not downshift abruptly on slippery roads. This may cause a loss of control.
- Do not over-rev the engine when shifting to a lower gear. This may cause a loss of control or engine damage.



CAUTION

- Do not rest your foot on the clutch pedal while driving. This may damage the clutch.
- Fully depress the clutch pedal before shifting to help prevent transmission damage.
- Stop your vehicle completely before shifting into R (Reverse).
- When the vehicle is stopped for a period of time, for example at a stop light, shift to N (Neutral) and release the clutch pedal with the foot brake applied.



Up-shift indicator

The manual transmission up-shift indicator is located in the instrument panel and shows the driver the time to shift into a higher gear by illuminating. The use of the up-shift indicator will help you to up-shift at a constant engine speed (rpm) from any gear.

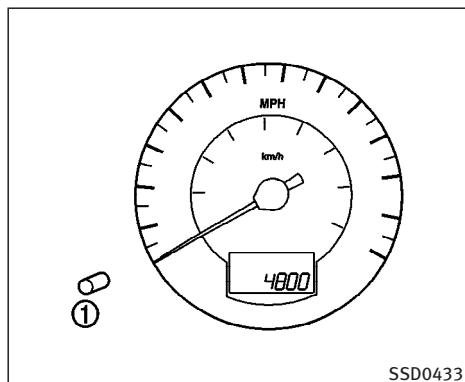
The up-shift indicator will start flashing when the engine speed is within about 500 rpm of the set figure while driving, and then illuminate after the engine speed reaches the set figure.

For example, you can use the up-shift indicator when driving as follows:

- If the maximum engine speed is desired, set the figure at 7,000 rpm. (The indicator starts flashing from about 6,500 rpm and comes on steady at 7,000 rpm.)
- If the maximum engine torque is desired, set the figure at 4,800 rpm. (The indicator starts flashing from about 4,300 rpm and comes on steady at 4,800 rpm.)
- If you want to break in your vehicle, use of the up-shift indicator with a rather low figure will help you to avoid the high engine speed.

To make the up-shift indicator not come on, set the figure at above 7,900 rpm.

There may be a slight difference between the timing of the up-shift indicator illumination and the tachometer indication.



Up-shift indicator setting:

The desired engine speed (rpm) for the up-shift indicator can be set while the up-shift indicator setting mode is selected. Change the display to the up-shift indicator mode by pushing the reset knob ①. When the up-shift indicator setting mode is selected, the engine speed currently set is displayed. (The initial factory setting is 8,000 rpm.) The figure can be changed between 2,000 and 8,000 rpm.

Push the reset knob more than approximately 2 seconds and then the figure in the display will start blinking.

Pushing the reset knob for less than approximately 1 second while the figure is blinking will add the figure by 100 rpm. If pushing for more than approximately 1 second, the figure will increase by 500 rpm.

If you have not operated the reset knob for 5 seconds, the setting mode will end. The display will illuminate instead of blink.

If the battery cable is disconnected, the set engine speed will be returned to the initial figure (8,000 rpm).

Suggested up-shift speeds

Shown below are suggested vehicle speeds for shifting into a higher gear. These suggestions relate to fuel economy and vehicle performance. Actual up-shift speeds will vary according to road conditions, the weather and individual driving habits.

For normal acceleration in low altitude areas [less than 4,000 ft (1,219 m)]:

| Gear change | MPH (km/h) |
|-------------|------------|
| 1st to 2nd | 8 (13) |
| 2nd to 3rd | 16 (26) |
| 3rd to 4th | 25 (40) |

| | |
|------------|---------|
| 4th to 5th | 28 (45) |
| 5th to 6th | 33 (53) |

For quick acceleration in low altitude areas or in high altitude areas [over 4,000 ft (1,219 m)]:

| Gear change | MPH (km/h) |
|-------------|------------|
| 1st to 2nd | 15 (24) |
| 2nd to 3rd | 25 (40) |
| 3rd to 4th | 40 (64) |
| 4th to 5th | 45 (72) |
| 5th to 6th | 50 (80) |

Suggested maximum speed in each gear

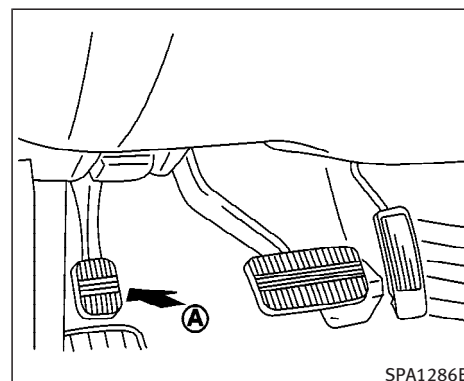
Downshift to a lower gear if the engine is not running smoothly, or if you need to accelerate.

Do not exceed the maximum suggested speed (shown below) in any gear. For level road driving, use the highest gear suggested for that speed. Always observe posted speed limits, and drive according to the road conditions, which will ensure safe operation. Do not over-rev the engine when shifting to a lower gear as it may cause engine damage or loss of vehicle control.

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| Gear | MPH (km/h) |
|------|------------|
| 1st | 35 (56) |
| 2nd | 60 (96) |
| 3rd | 85 (136) |
| 4th | — |
| 5th | — |
| 6th | — |

PARKING BRAKE

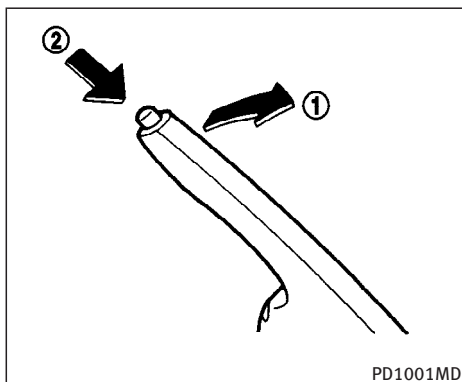


Automatic transmission model

To apply: Fully depress the parking brake pedal **(A)**.

To release:

1. Firmly apply the foot brake.
2. Depress the parking brake pedal **(A)** and the parking brake will be released.
3. Before driving, be sure the brake warning light goes out.



Manual transmission model

To apply: Pull the lever up ①.

To release:

1. Firmly apply foot brake.
2. While pulling up on the lever slightly, push the button ② and lower completely.
3. Before driving, be sure the brake warning light goes out.



WARNING

- Be sure the parking brake is fully released before driving. Failure to do so can cause brake failure and lead to an accident.
- Do not release the parking brake from outside the vehicle.
- Do not use the gear shift in place of the parking brake. When parking, be sure the parking brake is fully engaged.
- Do not leave children unattended in a vehicle. They could release the parking brake and cause an accident.



WARNING

Do not use the cruise control when driving under the following conditions:

- When it is not possible to keep the vehicle at a set speed.
- In heavy traffic or in traffic that varies in speed.
- On winding or hilly roads.
- On slippery roads (rain, snow, ice, etc.).
- In very windy areas.

Doing so could cause a loss of vehicle control and result in an accident.

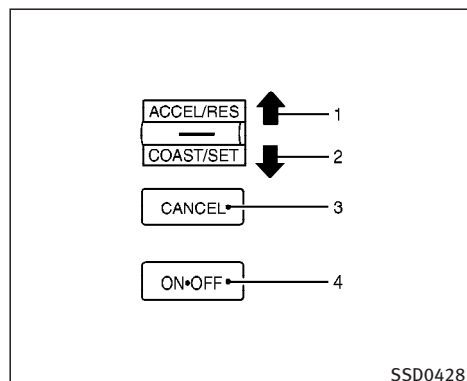


CAUTION

On manual transmission models, do not shift into N (Neutral) without depressing the clutch pedal when the cruise control is set. Should this occur, depress the clutch pedal and turn the main switch off immediately. Failure to do so may cause engine damage.

PRECAUTIONS ON CRUISE CONTROL

- If the cruise control system malfunctions, it cancels automatically. The SET indicator light on the meter panel then blinks to warn the driver.
- If the engine coolant temperature becomes excessively high, the cruise control system will be canceled automatically.
- If the SET indicator light blinks, turn the cruise control main switch off and have the system checked by an INFINITI dealer.
- The SET indicator light may blink when the cruise control main switch is turned on while pushing the RES/ACCEL, COAST/SET, or CANCEL switch. To properly set the cruise control system, perform the preceding steps in the order indicated.



1. ACCEL or RESUME switch
2. COAST or SET switch
3. CANCEL switch
4. ON-OFF switch

CRUISE CONTROL OPERATIONS

The cruise control allows driving at a speed between 25 to 89 MPH (40 to 144 km/h) without keeping your foot on the accelerator pedal.

To turn on the cruise control, push the main switch on. The CRUISE indicator light on the meter panel will come on.

To set at cruising speed, accelerate your vehicle to the desired speed, push the COAST/SET switch and release it. (The SET indicator light will come on.) Take your foot off the accelerator pedal. Your vehicle will maintain the set speed.

- **To pass another vehicle,** depress the accelerator pedal. When you release the pedal, the vehicle will return to the previously set speed.
- The vehicle may not maintain the set speed when going up or down steep hills. If this happens, drive without the cruise control.

To cancel the preset speed, follow either of these three methods:

- a) Push the cancel switch; The SET indicator light will go out.
 - b) Tap the brake pedal; The SET indicator light will go out.
 - c) Turn the main switch off. Both the CRUISE indicator and SET indicator lights will go out.
- If you depress the brake pedal while pushing the RES/ACCEL set switch and reset at the cruising speed, turn the main switch off once and then turn it on again.

- The cruise control will automatically be cancelled if the vehicle slows down below approximately 8 MPH (13 km/h).
- Depress the clutch pedal (manual transmission), or move the selector lever to the N (Neutral) position (automatic transmission). The SET indicator light will go out.

To reset at a faster cruising speed, use one of the following three methods:

- Depress the accelerator pedal. When the vehicle attains the desired speed, push and release the COAST/SET switch.
- Push and hold the RES/ACCEL set switch. When the vehicle attains the speed you desire, release the switch.
- Push, then quickly release the RES/ACCEL set switch. Each time you do this, the set speed will increase by about 1 MPH (1.6 km/h).

To reset at a slower cruising speed, use one of the following three methods:

- Lightly tap the brake pedal. When the vehicle attains the desired speed,

push the COAST/SET switch and release it.

- Push and hold the COAST/SET switch. Release the switch when the vehicle slows down to the desired speed.
- Push, then quickly release the COAST/SET switch. Each time you do this, the set speed will decrease by about 1 MPH (1.6 km/h).

To resume the preset speed, push and release the RES/ACCEL set switch. The vehicle will resume the last set cruising speed when the vehicle speed is over 25 MPH (40 km/h).

BREAK-IN SCHEDULE



CAUTION

During the first 1,200 miles (2,000 km), follow these recommendations to obtain maximum engine performance and ensure the future reliability and economy of your new vehicle. Failure to follow these recommendations may result in shortened engine life and reduced engine performance.

- Avoid driving for long periods at constant speed, either fast or slow. Do not run the engine over 4,000 rpm.
- Do not accelerate at full throttle in any gear.
- Avoid quick starts.
- Avoid hard braking as much as possible.
- Do not tow a trailer or haul a heavy load for the first 500 miles (800 km).

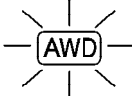


INCREASING FUEL ECONOMY

- Accelerate slowly and smoothly. Maintain cruising speeds with a constant accelerator position.
- Drive at moderate speeds on the highway. Driving at high speed will lower fuel economy.
- Avoid unnecessary stopping and braking. Maintain a safe distance behind other vehicles.
- Use a proper gear range which suits road conditions. On level roads, shift into high gear as soon as possible.
- Avoid unnecessary engine idling.
- Keep your engine tuned up.
- Follow the recommended periodic maintenance schedule.
- Keep the tires inflated at the correct pressure. Low pressure will increase tire wear and waste fuel.
- Keep the front wheels in correct alignment. Improper alignment will cause not only tire wear but also lower fuel economy.
- Air conditioner operation lowers fuel economy. Use the air conditioner only when necessary.

5-22 Starting and driving

- When cruising at highway speeds, it is more economical to use the air conditioner and leave the windows closed to reduce drag.

AWD WARNING LIGHT (if so equipped)

| Warning light | Comes on or blinks when |
|---|---|
|  Comes on | There is a malfunction in the all wheel drive system. |
|  Blinks rapidly | The power-train oil temperature rises abnormally. |
|  Blinks slowly | The difference in wheel rotation is large. |

SSD0336

The AWD warning light is located in the meter.

The AWD warning light comes on when the key switch is turned to ON. It turns off soon after the engine is started.

If any malfunction occurs in the AWD system while the engine is running, the warning light will come on.

The warning light may blink rapidly (about twice per second) while trying to free a stuck vehicle due to high power train oil temperature. The driving mode may change to 2 wheel drive. If the warning light blinks rapidly during operation, stop the vehicle with the engine idling in a safe place immediately. Then if the light goes off after a while, you can continue driving.

A large difference between the diameters of front and rear wheels will make the warning light blink slowly (about once per two seconds). Pull off the road in a safe area, and idle the engine. Check that all tire sizes are the same, tire pressure is correct and tires are not worn.

If the warning light is blinking after the above operation, have your vehicle checked by an INFINITI dealer as soon as possible.



WARNING

Do not attempt to test an AWD equipped vehicle with two wheels on a two wheel dynamometer and the other two wheels raised. Doing so may result in transmission damage or unexpected vehicle movement which could result in serious vehicle damage or personal injury.



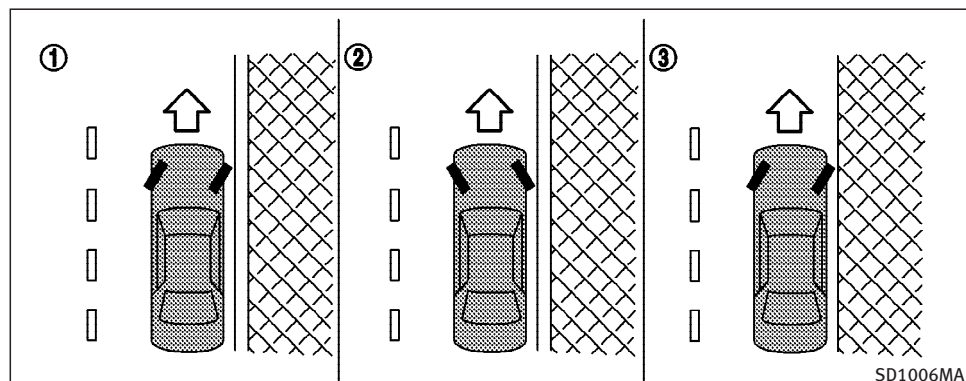
CAUTION

- Do not operate the engine on a free roller when any of the wheels are raised.
- If the warning light comes on while driving there may be a malfunction in the AWD system. Reduce the vehicle speed and have your vehicle checked by an INFINITI dealer as soon as possible.
- Never drive on dry hard surface roads in the SNOW mode, as this will overload the power train and may cause

serious malfunction.

- If the warning light remains on after the above operation, have your vehicle checked by an INFINITI dealer as soon as possible.
- The power train may be damaged if you continue driving with the warning light blinking rapidly.

PARKING/PARKING ON HILLS



WARNING

- Do not stop or park the vehicle over flammable materials such as dry grass, waste paper or rags. They may ignite and cause a fire.
- Never leave the engine running while the vehicle is unattended.
- Never leave children unattended inside the vehicle.

- Safe parking procedures require that both the parking brake be set and the transmission placed into P (Park). Failure to do so could cause the vehicle to move unexpectedly or roll away and result in an accident.
- Make sure the shift lever has been pushed as far forward as it can go and cannot be moved without depressing the button at the end of the lever.

1. Firmly apply the parking brake.
2. **Automatic transmission models:**
Move the selector lever to the P (Park) position.

Manual transmission models:

Place the shift lever in the R (Reverse) position. When parking on an uphill grade, place the shift lever in the 1 (Low gear) position.

3. To help prevent the vehicle from rolling into the street when parked on a sloping drive way, it is a good practice to turn the wheels as illustrated.

- HEADED DOWNHILL WITH CURB: ①

Turn the wheels into the curb and move the vehicle forward until the curb side wheel gently touches the curb.

- HEADED UPHILL WITH CURB: ②

Turn the wheels away from the curb and move the vehicle back until the curb side wheel gently touches the curb.

- HEADED UPHILL OR DOWNHILL, NO CURB: ③

Turn the wheels toward the side of the road so the vehicle will move away from the center of the road if it moves.

4. Turn the ignition switch to the LOCK position and remove the key.

POWER STEERING

The power assisted steering uses a hydraulic pump, driven by the engine, to assist steering.

If the engine stops or the drive belt breaks, you will still have control of the vehicle. However, much greater steering effort is needed, especially in sharp turns or at low speeds.



WARNING

If the engine is not running or is turned off while driving, the power assist for the steering will not work. Steering will be much harder to operate.

BRAKE SYSTEM

BRAKING PRECAUTIONS

The brake system has two separate hydraulic circuits. If one circuit malfunctions, you will still have braking at two wheels.

Vacuum assisted brake

The brake booster aids braking by using engine vacuum. If the engine stops, you can stop the vehicle by depressing the brake pedal. However, greater foot pressure on the brake pedal will be required to stop the vehicle and the stopping distance will be longer.

Wet brakes

When the vehicle is washed or driven through water, the brakes may get wet. As a result, your braking distance will be longer and the vehicle may pull to one side during braking.

To dry brakes, drive the vehicle at a safe speed while lightly tapping the brake pedal to heat-up the brakes. Do this until the brakes return to normal. Avoid driving the vehicle at high speeds until the brakes function correctly.

Parking brake break-in

Break-in the parking brake shoes whenever the stopping effect of the parking brake is

weakened or whenever the parking brake shoes and/or drums\rotors are replaced, in order to assure the best braking performance.

This procedure is described in the vehicle service manual and can be performed by your INFINITY dealer.

Using the brakes

Avoid resting your foot on the brake pedal while driving. This will cause overheating of the brakes, increases wear on the brakes and pads, and reduces gas mileage.

To help save the brakes and to prevent the brakes from overheating, reduce speed and downshift to a lower gear before going down a slope or long grade. Overheated brakes may reduce braking performance and could result in loss of vehicle control.



WARNING

- While driving on a slippery surface, be careful when braking, accelerating or downshifting. Abrupt braking or accelerating could cause the wheels to skid and result in an accident.

- If the engine is not running or is turned off while driving, the power assist for the brakes will not work. Braking will be harder.

ANTI-LOCK BRAKE SYSTEM (ABS)

The anti-lock brake system controls the brakes so the wheels will not lock when braking abruptly or when braking on slippery surfaces. The system detects the rotation speed at each wheel and varies the brake fluid pressure to prevent each wheel from locking and sliding. By preventing wheel lockup, the system helps the driver maintain steering control and helps to minimize swerving and spinning on slippery surfaces.

Using the system

Depress the brake pedal and hold it down.



WARNING

Do not pump the brake pedal. Doing so may result in increased stopping distances.

Normal operation

The anti-lock brake system will not operate at speeds below 3 to 6 MPH (5 to 10 km/h) to stop the vehicle. (The speeds will vary according to road conditions.) When the anti-lock system senses that one or more wheels are close to locking up, the actuator (under the hood) rapidly applies and releases hydraulic pressure (like pumping the brakes very quickly). While the actuator is working, you may feel a pulsation in the brake pedal and hear a noise or vibration from the actuator under the hood. This is normal and indicates that the anti-lock system is working properly. However, the ABS operation may indicate that road conditions are hazardous and extra care is required while driving.

Self-test feature

The anti-lock brake system consists of electronic sensors, electric pumps, and hydraulic solenoids controlled by a computer. The computer has a built-in diagnostic feature that tests the system each time you start the engine and move the vehicle at a low speed in forward or reverse. When the self-test occurs, you may hear a clunk noise and/or feel a pulsation in the brake pedal. This is normal and is not an indica-

tion of any malfunction. If the computer senses any malfunction, it switches the anti-lock brake system OFF and turns on the ABS warning light in the instrument panel. The brake system will then behave normally, but without anti-lock assistance.

If the light comes on during the self check, or while you are driving, you should take your vehicle to an INFINITI dealer for repair at your earliest convenience.



WARNING

The anti-lock brake system is a sophisticated device, but it cannot prevent accidents resulting from careless or dangerous driving techniques. It can help maintain vehicle control during braking on slippery surfaces, but remember that the stopping distance on slippery surfaces will be longer than on normal surfaces even with the anti-lock brake system. Stopping distances may also be longer on rough, gravel or snow covered roads, or if you are using tire chains. Always maintain a safe distance from the vehicle in front of you. Ultimately, the responsibility for safety of self and others rests in the hands of the driver.

Tire type and condition of tires may also affect braking effectiveness.

- **When replacing tires, install the specified size of tires on all four wheels.**
- **When installing a spare tire, make sure it is the proper size and type as specified on the Tire and Loading Information label. See “Vehicle identification” in the “9. Technical and consumer information” section for Tire and Loading Information label location.**

VEHICLE DYNAMIC CONTROL (VDC) SYSTEM

When accelerating or driving on slippery surfaces, the tires may spin or slide. With the Vehicle Dynamic Control (VDC) system, sensors detect these movements and control the braking and engine output to help improve vehicle stability.

- When the VDC system is operating, the “SLIP” indicator in the instrument panel blinks.
- When only the Traction Control System (TCS) portion of the VDC system is operating, the “SLIP” indicator in the instrument panel blinks.
- If the “SLIP” indicator blinks, the road conditions are slippery. Be sure to adjust your speed and driving to these conditions. Be sure to drive carefully. See “Slip indicator light”, and “Vehicle dynamic control off indicator light” in the “2. Instruments and controls” section.
- Indicator light
If a malfunction occurs in the system, the “SLIP” and ^{VDC}~~OFF~~ indicator lights illuminate in the instrument panel. As long as these warning lights are on, the VDC function is canceled.

The VDC system uses an Active Brake Lim-

ited Slip Differential (ABLS) system to improve vehicle traction. The ABLS system works when one of the driving wheels is spinning on a slippery surface. The ABLS system brakes the spinning wheel which distributes the driving power to the other drive wheel. If the vehicle is operated with the VDC system turned off, all VDC system functions and TCS functions will be turned off. The ABLS system and ABS will still operate with the VDC system off. The ABLS system is activated, the “SLIP” indicator light will blink and you may hear a clunk noise and/or feel a pulsation in the brake pedal. This is normal and is not an indication of a malfunction.

While the VDC system is operating, you may feel a pulsation in the brake pedal and hear a noise or vibration from under the hood. This is normal and indicates that the VDC system is working properly.

The VDC system computer has a built in diagnostic feature that tests the system each time you start the engine and move the vehicle at a low speed forward or backward. When the self-test occurs, you may hear a clunk noise and/or feel a pulsation in the brake pedal. This is normal and is not an indication of a malfunction.



WARNING

- The VDC system is designed to help improve driving stability but does not prevent accidents due to abrupt steering operation at high speeds or due to careless or dangerous driving. Reduce vehicle speed and be especially careful when driving and cornering on slippery surfaces and always drive carefully.
- If engine related parts such as muffler are not standard equipment or are extremely deteriorated, the “VDC OFF” indicator light and “SLIP” indicator light may come on.
- Do not modify the vehicle’s suspension. If suspension parts such as shock absorbers, struts, springs, stabilizer bars and bushings are not INFINITI-approved or are extremely deteriorated, the VDC system may not operate properly. This could adversely affect vehicle handling performance, and the “VDC OFF” indicator or “SLIP” indicator or both indicator lights may illuminate.

- If brake related parts such as brake pads, rotors and calipers are not standard equipment or are extremely deteriorated, the “VDC OFF” indicator or “SLIP” indicator or both indicator lights may illuminate.
- When driving on extremely inclined surfaces such as higher banked corners, the vehicle dynamic control system may not operate properly and the “VDC OFF” indicator light may illuminate. Do not drive on these types of roads.
- When driving on an unstable surface such as a turntable, ferry, elevator or ramp, the “VDC OFF” indicator or “SLIP” indicator or both indicator lights may illuminate. This is not a malfunction. Restart the engine after driving onto a stable surface.
- If wheels or tires other than the recommended ones are used, the VDC system may not operate properly and the “VDC OFF” indicator light may illuminate.
- The VDC system is not a substitute for winter tires or tire chains on a snow-covered road.

COLD WEATHER DRIVING

FREEING A FROZEN DOOR LOCK

To prevent a door lock from freezing, apply de-icer or glycerin to it through the key hole. If the lock becomes frozen, heat the key before inserting it into the key hole.

ANTIFREEZE

In the winter when it is anticipated that the temperature will drop below 32°F (0°C), check antifreeze to assure proper winter protection. For additional information, see “Engine cooling system” in the “8. Maintenance and do-it-yourself” section.

BATTERY

If the battery is not fully charged during extremely cold weather conditions, the battery fluid may freeze and damage the battery. To maintain maximum efficiency, the battery should be checked regularly. For additional information, see “Battery” in the “8. Maintenance and do-it-yourself” section.

DRAINING OF COOLANT WATER

If the vehicle is to be left outside without antifreeze, drain the cooling system by opening the drain plug located under the

radiator. Refill before operating the vehicle. See “Engine cooling system” in the “8. Maintenance and do-it-yourself” section for changing engine coolant.

TIRE EQUIPMENT

1. SUMMER tires are of a tread design to provide superior performance on dry pavement. However, the performance of these tires will be substantially reduced in snowy and icy conditions. If you operate your vehicle on snowy or icy roads, INFINITI recommends the use of MUD & SNOW or ALL SEASON tires on all four wheels. Please consult an INFINITI dealer for the tire type, size, speed rating and availability information.
2. For additional traction on icy roads, studded tires may be used. However, some provinces and states prohibit their use. Check local, state and provincial laws before installing studded tires.

Skid and traction capabilities of studded snow tires, on wet or dry surfaces, may be poorer than that of non-studded snow tires.

3. Tire chains may be used if desired.

Make sure they are of proper size for the tires on your vehicle and are installed according to the chain manufacturer's suggestions. However, some provinces and states prohibit their use. Check local state and provincial laws before installing tire chains. **Use only SAE Class S chains.** Class “S” chains are used on vehicles with restricted tire to vehicle clearance. Vehicles that can use Class “S” chains are designed to meet the SAE standard minimum clearances between the tire and the closest vehicle suspension or body component required to accommodate the use of a winter traction device (tire chains or cables). The minimum clearances are determined using the factory equipped tire size. Other types may damage your vehicle. Use chain tensioners when recommended by the tire chain manufacturer to ensure a tight fit. Loose end links of the tire chain must be secured or removed to prevent the possibility of damage to the fenders or underbody. If possible, avoid fully loading your vehicle when using tire chains. In addition, drive at a reduced speed. Otherwise, your vehicle may be damaged and/or vehicle handling and per-

formance may be adversely affected.

- **Never install tire chains on TEMPORARY USE ONLY spare tires.**
- **Do not use tire chains on dry roads.**
- **Tire chains must be installed only on the rear wheels and not on the front wheels.**

Do not drive with tire chains on paved roads which are clear of snow. Driving with chains in such conditions can cause damage to the various mechanisms of the vehicle due to some over-stress.

4. For all wheel drive:
If you install snow tires, they must also be the same size, brand, construction and tread pattern on all four wheels.

SPECIAL WINTER EQUIPMENT

It is recommended that the following items be carried in the vehicle during winter:

- a scraper and stiff-bristled brush to remove ice and snow from the windows and wiper blades.
- a sturdy, flat board to be placed under

the jack to give it firm support.

- a shovel to dig the vehicle out of snow-drifts.
- extra window washer fluid to refill the reservoir tank.

DRIVING ON SNOW OR ICE



WARNING

- **Wet ice (32°F, 0°C and freezing rain), very cold snow or ice can be slick and very hard to drive on. The vehicle will have much less traction or “grip” under these conditions. Try to avoid driving on wet ice until the road is salted or sanded.**
- **Whatever the condition, drive with caution. Accelerate and slow down with care. If accelerating or downshifting too fast, the drive wheels will lose even more traction.**
- **Allow more stopping distance under these conditions. Braking should be started sooner than on dry pavement.**

- **Allow greater following distances on slippery roads.**
- **Watch for slippery spots (glare ice). These may appear on an otherwise clear road in shaded areas. If a patch of ice is seen ahead, brake before reaching it. Try not to brake while on the ice, and avoid any sudden steering maneuvers.**
- **Do not use cruise control on slippery roads.**
- **Snow can trap dangerous exhaust gases under your vehicle. Keep snow clear of the exhaust pipe and from around your vehicle.**

ENGINE BLOCK HEATER (if so equipped)

An engine block heater to assist extreme cold temperature starting is available through an INFINITI dealer.



WARNING

Do not use your heater with an ungrounded electrical system or tow-pronged (cheater) adapters. You can be injured by an electrical shock if you use an ungrounded connection.

MEMO

6 In case of emergency

| | |
|--|------|
| Roadside assistance program..... | 6-2 |
| Flat tire | 6-2 |
| Low tire pressure warning system | 6-2 |
| Changing a flat tire | 6-3 |
| Jump starting..... | 6-8 |
| Push starting..... | 6-10 |

| | |
|---|------|
| If your vehicle overheats..... | 6-11 |
| Towing your vehicle..... | 6-12 |
| Towing recommended by INFINITI..... | 6-12 |
| Vehicle recovery (Freeing a stuck vehicle) | 6-15 |



ROADSIDE ASSISTANCE PROGRAM

Every new INFINITI comes with a 4 year, unlimited mileage Roadside Assistance plan. In the event of a roadside emergency, Roadside Assistance Service is available to you. Please refer to your Warranty Booklet (U.S.) or Warranty & Roadside assistance information booklet (Canada) for details. Both the Warranty Booklet and Roadside Assistance Calling Card in your Owner's Literature Portfolio provide the Toll-Free Number to call for assistance. Roadside Assistance is provided 24 hours a day, 365 days a year, for 4 years from the date sold to give emergency roadside help, in the event of mechanical or nonmechanical trouble(s) such as flat tires, out-of-gas, dead battery, lost keys, mechanical breakdown, accident, etc.

FLAT TIRE

LOW TIRE PRESSURE WARNING SYSTEM

This vehicle is equipped with the low tire pressure warning system. It monitors tire pressure of all tires except the spare. When the low tire pressure warning light is lit, one or more of your tires is significantly under-inflated. If equipped, the system also displays pressure of all tires (except the spare tire) on the display screen by sending a signal from a sensor that is installed in each wheel. If the vehicle is being driven with low tire pressure (lower than 25 psi: Sedan 17 inch and Coupe 17 inch wheel model / 27 psi: Sedan 18 inch wheel model / 28 psi: Coupe 18 and 19 inch wheel model), the low tire pressure warning system will activate and warn you of it by the low tire pressure warning light in the meter panel. This system will activate only when the vehicle is driven at speeds above 20 MPH (32 km/h). For more details, refer to "Warning/indicator lights and audible reminders" in the "2. Instruments and controls" section and "Low tire pressure warning system" in the "5. Starting and driving" section.



WARNING

- If the low tire pressure warning light flashes while driving, avoid sudden steering maneuvers or abrupt braking, reduce vehicle speed, pull off the road to a safe location and stop the vehicle as soon as possible. Serious vehicle damage could occur and may lead to an accident and could result in serious personal injury. Check the tire pressure for all four tires. Adjust the tire pressure to the recommended COLD tire pressure shown on the Tire and Loading Information label to turn the low tire pressure warning light OFF. If you have a flat tire, replace it with a spare tire as soon as possible.
- When a spare tire is mounted or a wheel is replaced, tire pressure will not be indicated and the low tire pressure warning system will not function. Contact an INFINITI dealer as soon as possible for tire replacement and/or system resetting.

- Do not inject any tire liquid or aerosol tire sealant into the tires, as this may cause a malfunction of the tire pressure sensors.

CHANGING A FLAT TIRE

If you have a flat tire, follow the instructions below.

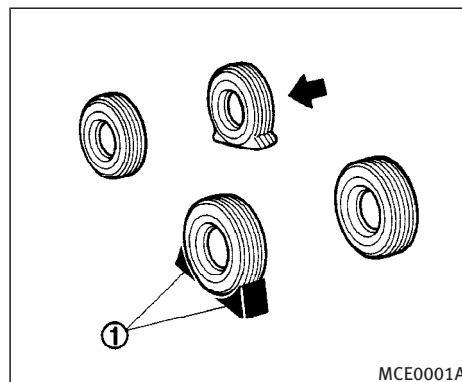
Stopping the vehicle

1. Safely move the vehicle off the road away from traffic.
2. Turn on the hazard warning flashers.
3. Park on a level surface and apply the parking brake. Shift the manual transmission into the R (Reverse) position (automatic transmission into the P (Park) position).
4. Turn off the engine.
5. Raise the hood to warn other traffic, and to signal professional road assistance personnel that you need assistance.
6. Have all passengers get out of the vehicle and stand in a safe place, away from traffic and clear of the vehicle.



WARNING

- Make sure the parking brake is securely applied and the manual transmission is shifted into R (Reverse), or the automatic transmission into P (Park).
- Never change tires when the vehicle is on a slope, ice or slippery areas. This is hazardous.
- Never change tires if oncoming traffic is close to your vehicle. Wait for professional road assistance.



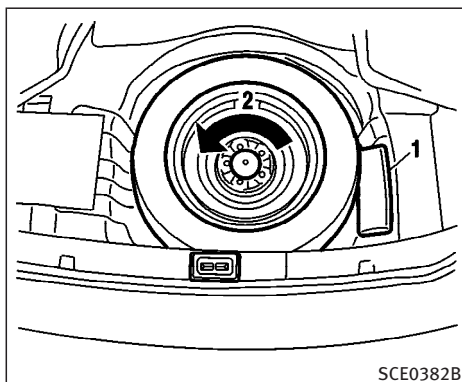
Blocking wheels

Place suitable blocks ① at both the front and back of the wheel diagonally opposite the flat tire to prevent the vehicle from moving when it is jacked up.



WARNING

Be sure to block the wheel as the vehicle may move and result in personal injury.



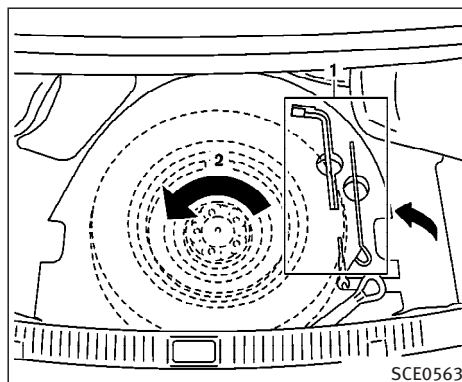
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Sedan — Type A

Getting the spare tire and tools

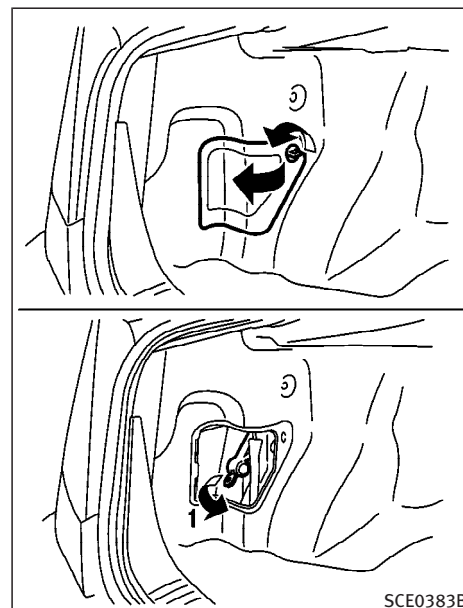
Remove jacking tools 1 and spare tire 2 from the storage area located inside the trunk as illustrated.

If spacers are equipped, remove them before removing the spare tire.



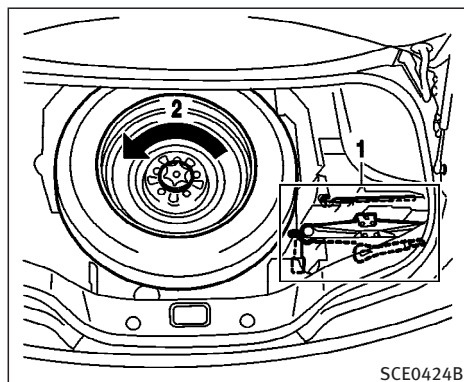
SCE0563

Sedan — Type B



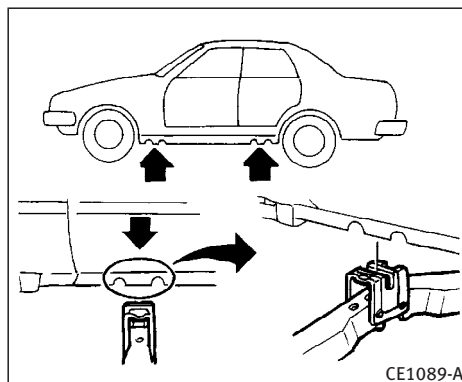
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Sedan



Coupe

SCE0424B



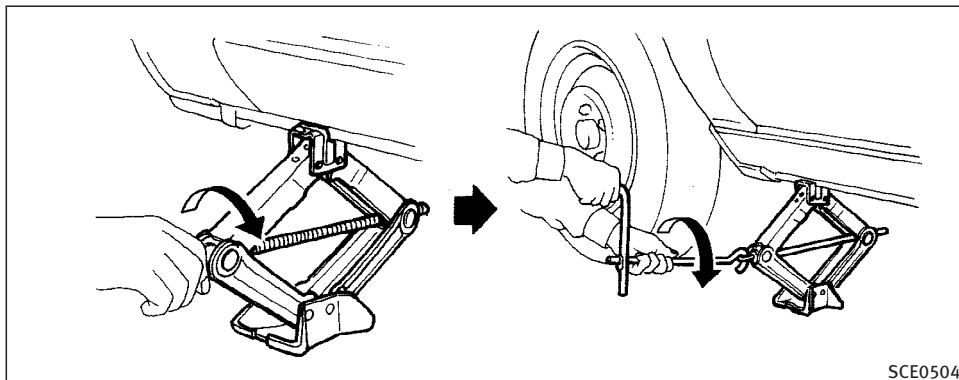
Jack-up point

CE1089-A

Jacking up vehicle and removing the damaged tire

Carefully read the caution label attached to the jack body and the following instructions.

1. Place the jack directly under the jack-up point as illustrated above so that top of the jack contacts the vehicle at the jack-up point. Align the jack head between the two notches in the front or the rear as shown. Also fit the groove of the jack head between the notches as shown.



SCE0504

The jack should be used on level firm ground.

2. Loosen each wheel nut one or two turns by turning counterclockwise with the wheel nut wrench. **Do not remove the wheel nuts until the tire is off the ground.**
3. Carefully raise the vehicle until the tire clears the ground. To lift the vehicle, securely hold the jack lever and rod with both hands as shown above. Remove the wheel nuts, and then remove the tire.

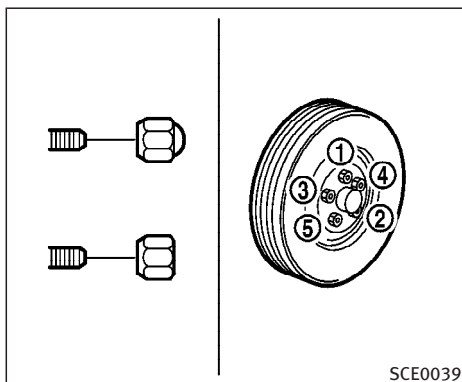


WARNING

- Never get under the vehicle while it is supported only by the jack. If it is necessary to work under the vehicle, support it with safety stands.
- Use only the jack provided with your vehicle to lift the vehicle. Do not use the jack provided with your vehicle on other vehicles.
The jack is designed for lifting only

your vehicle during a tire change.

- Never use any other part of the vehicle for jack support.
- Never jack up the vehicle more than necessary.
- Never use blocks on or under the jack.
- Do not start or run the engine while vehicle is on the jack. This is especially true for vehicles with limited slip differentials.
- Do not allow passengers to stay in the vehicle while it is on the jack.



Installing the spare tire

The spare tire is designed emergency use. See specific instructions under the heading “Wheels and tires” in the “8. Maintenance and do-it-yourself” section.

1. Clean any mud or dirt from the surface between the wheel and hub.
2. Carefully put the wheel on and tighten the wheel nuts finger tight.

(Coupe models)

When replacing a front tire, make sure the hole in the spare tire wheel is

aligned with the pin on the brake rotor.

3. With the wheel nut wrench, tighten wheel nuts alternately and evenly until they are tight.
4. Lower the vehicle slowly until the tire touches the ground. Then, with the wheel nut wrench, tighten the wheel nuts securely in the sequence illustrated ((1), (2), (3), (4), (5)). Lower the vehicle completely.



WARNING

- Incorrect wheel nuts or improperly tightened wheel nuts can cause the wheel to become loose or come off. This could cause an accident.
- Do not use oil or grease on the wheel studs or nuts. This could cause the nuts to become loose.

Retighten the wheel nuts after the vehicle has been driven for 600 miles (1,000 km) (also in cases of a flat tire, etc.). As soon as possible tighten the

wheel nuts to the specified torque with a torque wrench.

Wheel nut tightening torque:

80 ft-lb (108 N-m)

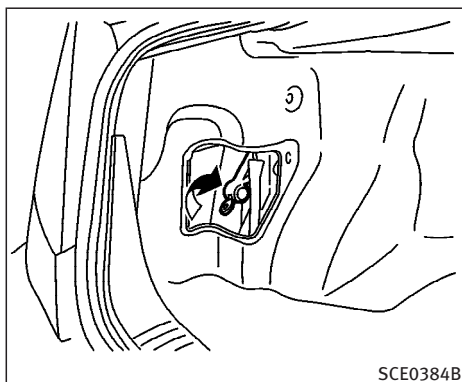
The wheel nuts must be kept tightened to specification at all times. It is recommended that wheel nuts be tightened to specification at each lubrication interval.

Adjust the tire pressure to the COLD pressure.

COLD pressure:

After the vehicle has been parked for three hours or more or driven less than 1 mile (1.6 km) at moderate speeds.

COLD tire pressures are shown on the Tire and Loading Information label affixed to the driver side center pillar.



Sedan

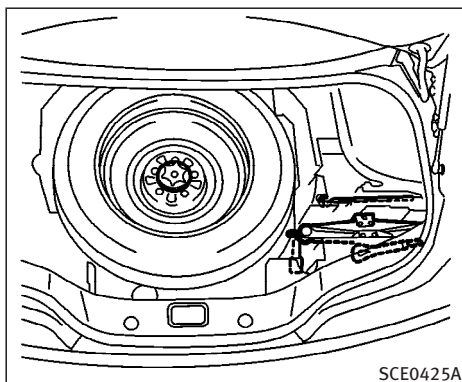
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5. Securely store the flat tire and jacking equipment in the vehicle.
6. Place the spare tire cover and the trunk floor carpeting over the damaged tire.
7. Close the trunk.



WARNING

- Always make sure that the spare tire and jacking equipment are properly secured after use. Such items can become



Coupe

SCE0425A

dangerous projectiles in an accident or sudden stop.

- The T-type spare tire and small size spare tire are designed for emergency use. See "Wheels and tires" in the "8. Maintenance and do-it-yourself" section.

If needed, Roadside Assistance is available. Please see your Warranty Information Booklet or Roadside Assistance I.D. Card for the toll-free number to call (U.S.) or Warranty Information Booklet (Canada).

JUMP STARTING

To start your engine with a booster battery, the instructions and precautions below must be followed.

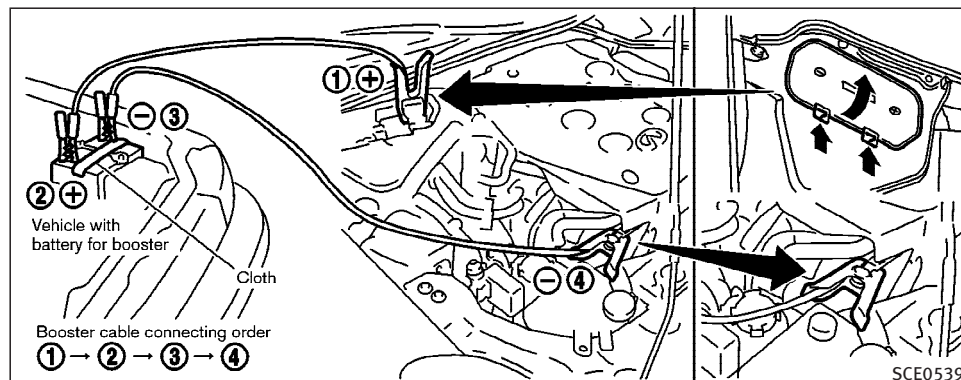


WARNING

- If done incorrectly, jump starting can lead to a battery explosion, resulting in severe injury or death. It could also damage your vehicle.
- Explosive hydrogen gas is always present in the vicinity of the battery. Keep all sparks and flames away from the battery.
- Do not allow battery fluid to come into contact with eyes, skin, clothing or painted surfaces. Battery fluid is a corrosive sulfuric acid solution which can cause severe burns. If the fluid should come into contact with anything, immediately flush the contacted area with water.
- Keep battery out of the reach of children.

- The booster battery must be rated at 12 volts. Use of an improperly rated battery can damage your vehicle.
- Whenever working on or near a battery, always wear suitable eye protectors (for example, goggles or industrial safety spectacles) and remove rings, metal bands, or any other jewelry. Do not lean over the battery when jump starting.
- Do not attempt to jump start a frozen battery. It could explode and cause serious injury.

If needed Roadside Assistance is available. Please see your Warranty Information Booklet or Roadside Assistance I.D. Card for the toll-free number to call (U.S.) or Warranty Information Booklet (Canada).



WARNING

Always follow the instructions below. Failure to do so could result in damage to the charging system and cause personal injury.

1. If the booster battery is in another vehicle, position the two vehicles to bring their batteries into close proximity to each other.

Do not allow the two vehicles to touch.

2. Apply parking brake. Move the shift lever to the N (Neutral) position (On automatic transmission models, move the selector lever to the P (Park) position). Switch off all unnecessary electrical systems (light, heater, air conditioner, etc.).
3. Remove vent caps on the battery (if so equipped). Cover the battery with an old cloth to reduce explosion hazard.
4. Connect jumper cables in the se-

In case of emergency 6-9

quence as illustrated.



CAUTION

- Always connect positive (+) to positive (+) and negative (-) to body ground, not to the battery.
- Make sure jumper cables do not touch moving parts in the engine compartment and that the cable clamps do not contact any other metal.

5. Start the engine of the other vehicle and let it run for a few minutes.
6. Keep the engine speed of the other vehicle at about 2,000 rpm, and start your engine in the normal manner.



CAUTION

Do not keep the starter motor engaged for more than 10 seconds. If the engine does not start right away, turn the key off and wait 3 to 4 seconds before trying again.

7. After starting your engine, carefully disconnect the negative cable and then the positive cable.
8. Replace the vent caps (if so equipped). Be sure to dispose of the cloth used to cover the vent holes as it may be contaminated with corrosive acid.

PUSH STARTING

Do not attempt to start the engine by pushing.



CAUTION

Automatic transmission models cannot be push started. Attempting to do so may cause transmission damage.

If needed Roadside Assistance is available. Please see your Warranty Information Booklet or Roadside Assistance I.D. Card for the toll-free number to call (U.S.) or Warranty Information Booklet (Canada).

IF YOUR VEHICLE OVERHEATS



WARNING

- Do not continue to drive if your vehicle overheats. Doing so could cause engine damage or a vehicle fire.
- To avoid the danger of being scalded, never remove the radiator cap while the engine is still hot. When the radiator cap is removed, pressurized hot water will spurt out, possibly causing serious injury.
- Do not open the hood if steam is coming out.

If your vehicle is overheating (indicated by an extremely high temperature gauge reading), or if you feel a lack of engine power, detect abnormal noise, etc., take the following steps:

1. Move the vehicle safely off the road, apply the parking brake and move the shift lever to the N (Neutral) position (automatic transmission to the P (Park) position).

Do not stop the engine.

2. Turn off the air conditioner switch. Open all the windows, move the heater or air conditioner temperature control to maximum hot and fan control to high speed.
3. If engine overheating is caused by climbing a long hill on a hot day, run the engine at a fast idle (approximately 1,500 rpm) until the temperature gauge indication returns to normal.
4. Get out of the vehicle. Look and listen for steam or coolant escaping from the radiator before opening the hood. (If steam or coolant is escaping, turn off the engine.) Do not open the hood further until no steam or coolant can be seen.
5. Open the engine hood.



WARNING

If steam or water is coming from the engine, stand clear to prevent getting burned.

6. Visually check if the cooling fan is running. The radiator hoses and radiator should not leak water.

If coolant is leaking or the cooling fan does not run, stop the engine.



WARNING

- Be careful not to allow your hands, hair, jewelry or clothing to come into contact with, or to get caught in, the engine belts or the engine cooling fan.
- The engine cooling fan can start at any time when the coolant temperature is high.

7. After the engine cools down, check the coolant level in the reservoir tank with the engine running. Add coolant to the reservoir tank if necessary. Have your vehicle repaired at an INFINITI dealer.

If needed, Roadside Assistance is available. Please see your Warranty Information Booklet or Roadside Assistance I.D. Card for the toll-free number to call (U.S.) or Warranty Information Booklet (Canada).

TOWING YOUR VEHICLE

When towing your vehicle, all State (Provincial in Canada) and local regulations for towing must be followed. Incorrect towing equipment could damage your vehicle. Towing instructions are available from an INFINITI dealer. Local service operators are generally familiar with the applicable laws and procedures for towing. To assure proper towing and to prevent accidental damage to your vehicle, INFINITI recommends having a service operator tow your vehicle. It is advisable to have the service operator carefully read the following precautions.



WARNING

- Never ride in a vehicle that is being towed.
- Never get under your vehicle after it has been lifted by a tow truck.



CAUTION

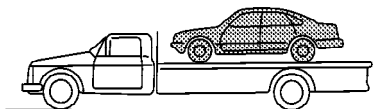
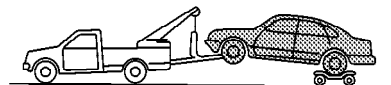
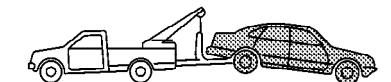
- When towing, make sure that the transmission, axles, steering system and

powertrain are in working condition. If any unit is damaged, dollies must be used.

- Always attach safety chains before towing.

For information about towing your vehicle behind a recreational vehicle (RV), refer to “Flat towing” in the “9. Technical and consumer information” section of this manual.

If needed, Roadside Assistance is available. Please see your Warranty Information Booklet or Roadside Assistance I.D. Card for the toll-free number to call (U.S.) or Warranty Information Booklet (Canada).



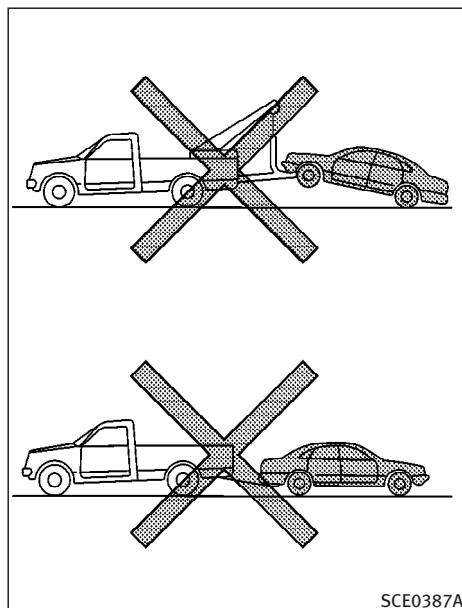
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**Two wheel drive models
TOWING RECOMMENDED BY
INFINITI**

Two wheel drive models

INFINITI recommends that your vehicle be towed with the driving (rear) wheels

off the ground or place the vehicle on a flat bed truck as illustrated.



Automatic transmission models



CAUTION

- Never tow automatic transmission models with the rear wheels on the ground

or four wheels on the ground (forward or backward) as this may cause serious and expensive damage to the transmission. If it is necessary to tow the vehicle with the front wheels raised, always use towing dollies under the rear wheels.

- When towing rear wheel drive models with the front wheels on the ground or on towing dollies:

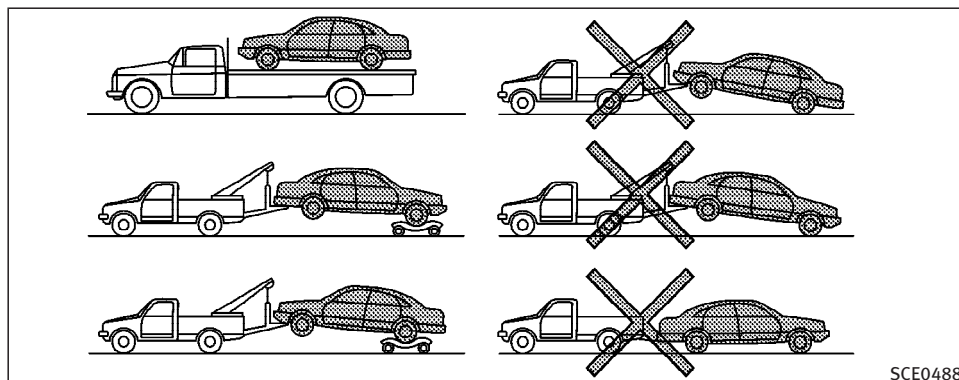
Turn the ignition key to the OFF position, and secure the steering wheel in a straight ahead position with a rope or similar device. Never secure the steering wheel by turning the ignition key to the LOCK position. This may damage the steering lock mechanism.

- If you have to tow manual transmission models with the rear wheels on the ground or four wheels on the ground (if you do not use towing dollies):
 - Always release the parking brake.
 - Move the transmission shift lever to the N (Neutral) position.

- Observe the following restricted towing speeds and distances for manual transmission models only:

- Speed: Below 60 MPH (95 km/h)
- Distance: Less than 500 miles (800 km)

If the speed or distance must necessarily be greater, remove the propeller shaft before towing to prevent damage to the transmission.



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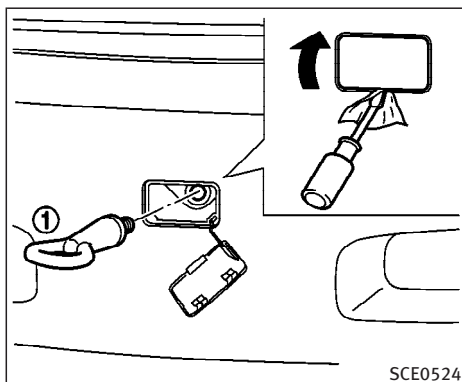
All wheel drive models

INFINITI recommends that towing dollies be used when towing your vehicle, or the vehicle be placed on a flat bed truck as illustrated.



CAUTION

Never tow AWD models with any of the wheels on the ground as this may cause serious and expensive damage to the power train.



VEHICLE RECOVERY (Freeing a stuck vehicle)

After removing the front license plate (or the bumper cover), securely install the towing hook ①. (Located with jacking tools.)

Reinstall the license plate on the lower fitting point.



WARNING

- Stand clear of a stuck vehicle.
- Do not spin your tires at high speed. This could cause them to explode and result in serious injury. Parts of your vehicle could also overheat and be damaged.



CAUTION

- Tow chains or cables must be attached only to the vehicle recovery hooks or main structural members of the vehicle. Otherwise, the vehicle body will be damaged.
- Do not use the vehicle tie downs to free a vehicle stuck in sand, snow, mud, etc. Never tow a vehicle using the vehicle tie downs or recovery hooks.
- Always pull the cable straight out from the front of the vehicle. Never pull the vehicle at an angle.

- Pulling devices should be routed so they do not touch any part of the suspension, steering, brake or cooling systems.
- Pulling devices such as ropes or canvas straps are not recommended for use in vehicle towing or recovery.

If your vehicle is stuck in sand, snow, mud, etc., use the following procedure:

1. Turn off the Vehicle Dynamic Control system.
 2. Make sure the area in front and behind the vehicle is clear of obstructions.
 3. Turn the steering wheel right and left to clear an area around the front tires.
 4. Slowly rock the vehicle forward and backward.
- Shift back and forth between R (reverse) and D (drive).
 - Apply the accelerator as little as possible to maintain the rocking motion.
 - Release the accelerator pedal before shifting between R and D.

In case of emergency 6-15

- Do not spin the tires above 35 MPH (55 km/h).
5. If the vehicle cannot be freed after a few tries, contact a professional towing service to remove the vehicle.

MEMO

MEMO

7 Appearance and care

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CLEANING EXTERIOR

In order to maintain the appearance of your vehicle, it is important to care for it properly.

To protect the paint surfaces, please wash your vehicle as soon as you can.

- After a rainfall to prevent possible damage from acid rain.
- After driving in coastal areas to prevent possible damage from sea salt.
- When foreign objects, such as soot, bird droppings, tree sap, metal particles, or insects get on the paint surfaces.
- When dust or mud builds up on the paint surfaces.

Whenever possible, store or park your vehicle inside garage or in covered area.

When it is necessary to park outside, park in a shady area or protect the vehicle with a body cover.

Be careful not to scratch the paint surface when putting on or removing the body cover.

WASHING

Thoroughly rinse surface dirt off the vehicle with a wet sponge and plenty of

clean water. Clean the vehicle thoroughly using a mild soap such as Nissan Car Wash, or a general purpose dishwashing liquid mixed with clean, lukewarm (never hot) water.



CAUTION

- **Do not use strong household soap, strong chemical detergents, gasoline or solvents.**
- **Do not wash the vehicle in direct sunlight or while the vehicle body is hot, as the surface may become water-spotted.**
- **Avoid using tight-napped or rough cloths, such as washing mitts. Care must be taken when removing caked-on dirt or other foreign substances so the paint surface is not scratched or damaged.**

Rinse the vehicle again with plenty of clean water.

Inside flanges, seams and folds on the doors, hatches and hood are particularly vulnerable to the effects of road salt.

Therefore, these areas must be regularly cleaned. Make sure that the drain holes in the lower edge of the door are open. Spray water under the body and in the wheel wells to loosen the dirt and wash away road salt.

Avoid leaving water spots on the paint surface by using a damp chamois to dry the vehicle.

WAXING

Regular waxing protects the paint surface and helps retain new vehicle appearance. Polishing is recommended to remove built-up wax residue and to avoid a weathered appearance before re-applying wax.

If you wish to wax your vehicle, only use a wax specified for use over clear coats, such as Nissan Liquid or Spray Wax. An INFINITI dealer can assist you in choosing the proper product.

- Wax your vehicle only after a thorough washing. Follow the instructions supplied with the wax.
- Do not use a wax containing any abrasives, cutting compounds or cleaners that may damage the vehicle finish.

- If the surface does not polish easily, use a road tar remover and wax again.

Machine compounding or aggressive polishing on a base coat/clear coat paint finish may dull the finish or leave swirl marks.

REMOVING SPOTS

Remove tar and oil spots, industrial dust, insects, and tree sap as quickly as possible from the surface of the paint to avoid lasting damage or staining. Special cleaning products are available at an INFINITI dealer or any automotive accessories store.

UNDERBODY

In areas where road salt is used in winter, the underbody must be cleaned regularly. This will prevent dirt and salt from building up and causing underbody and suspension corrosion. Before the winter period and again in the spring, the underseal must be checked and, if necessary, re-treated.

GLASS

Use glass cleaner to remove smoke and dust film from the glass surfaces. It is normal for glass to become coated with a

film after the vehicle is parked in the hot sun. Glass cleaner and a soft cloth will easily remove this film.



CAUTION

When cleaning the inside of the windows, do not use sharp-edged tools, abrasive cleaners or chlorine-based disinfectant cleaners. They could damage the electrical conductors, radio antenna elements or rear window defroster elements.

ALUMINUM ALLOY WHEELS

Wash regularly, especially during winter months in areas where road salt is used. Salt could discolor the wheel if not removed.

CHROME PARTS

Clean all chrome parts regularly with a non-abrasive chrome polish to maintain the finish.

CLEANING INTERIOR

Occasionally remove loose dust from the interior trim, plastic parts and seats using a vacuum cleaner or soft brush. Wipe the vinyl and leather surfaces with a clean, soft cloth dampened in mild soap solution, then wipe clean with a dry soft cloth. Before using any fabric protector, read the manufacturer's recommendations. Some fabric protectors contain chemicals that may stain or bleach the seat material.

Use a cloth dampened only with water, to clean the meter and gauge lens.

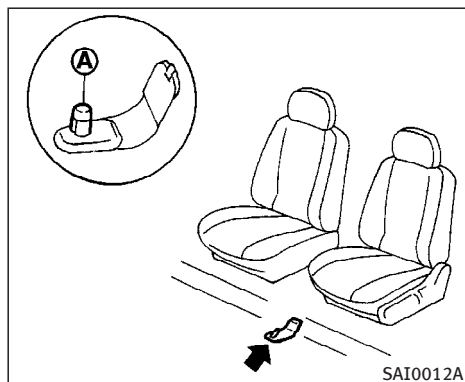


CAUTION

- **Never use gasoline, thinner, or any similar material.**
- **The leather seats should be regularly coated with a leather wax like saddle soap. Never use car wax.**
- **Never use fabric protectors unless recommended by the manufacturer.**
- **Do not use glass or plastic cleaner on meter or gauge lens covers. It may damage the lens cover.**

FLOOR MATS

The use of Genuine INFINITI floor mats can extend the life of your vehicle carpet and make it easier to clean the interior. **No matter what mats are used, be sure they are fitted for your vehicle and are properly positioned in the footwell to prevent interference with pedal operation.** Mats should be maintained with regular cleaning and replaced if they become excessively worn.



Floor mat positioning aid (Driver side only)

This model includes a front floor mat bracket (A) to act as a floor mat positioning aid. INFINITI floor mats have been specially designed for your vehicle model. The driver's side floor mat has a grommet hole incorporated in it. Simply position the mat by placing the floor mat bracket through the floor mat grommet hole while centering the mat in the floorpan contour.

Periodically check to make certain that the mats are properly positioned.

SEAT BELTS

The seat belts can be cleaned by wiping them with a sponge dampened in a mild soap solution. Allow the belts to dry completely before using them.



WARNING

Do not allow wet seat belts to roll up in the retractor. **NEVER** use bleach, dye, or chemical solvents to clean the seat belts, since these materials may severely weaken the seat belt webbing.

CORROSION PROTECTION

MOST COMMON FACTORS CONTRIBUTING TO VEHICLE CORROSION:

- The accumulation of moisture-retaining dirt and debris in body panel sections, cavities, and other areas.
- Damage to paint and other protective coatings caused by gravel and stone chips or minor traffic accidents.

ENVIRONMENTAL FACTORS INFLUENCE THE RATE OF CORROSION:

Moisture

Accumulation of sand, dirt and water on the vehicle body underside can accelerate corrosion. Wet floor coverings will not dry completely inside the vehicle, and should be removed for drying to avoid floor panel corrosion.

Relative humidity

Corrosion will be accelerated in areas of high relative humidity, especially those areas where the temperatures stay above freezing and where atmospheric pollution exists and road salt is used.

Temperature

A temperature increase will accelerate the rate of corrosion to those parts which are not well ventilated.

Air pollution

Industrial pollution, the presence of salt in the air in coastal areas, or heavy road salt use will accelerate the corrosion process. Road salt will also accelerate the disintegration of paint surfaces.

TO PROTECT YOUR VEHICLE FROM CORROSION:

- Wash and wax your vehicle often to keep it clean.
- Always check for minor damage to the paint and repair it as soon as possible.
- Keep drain holes at the bottom of the doors open to avoid water accumulation.
- Check the underbody for accumulation of sand, dirt or salt. If present, wash with water as soon as possible.



CAUTION

- **NEVER** remove dirt, sand or other debris from the passenger compartment by washing it out with a hose. Remove dirt with a vacuum cleaner or broom.
- **Never** allow water or other liquids to come in contact with electronic components inside the vehicle as this may damage them.

Chemicals used for road surface de-icing are extremely corrosive. They accelerate corrosion and deterioration of underbody components such as the exhaust system, fuel and brake lines, brake cables, floor pan and fenders.

In winter, the underbody must be cleaned periodically.

For additional protection against rust and corrosion, which may be required in some areas, consult an INFINITI dealer.

MEMO

8 Maintenance and do-it-yourself

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MAINTENANCE REQUIREMENTS

Your new INFINITI has been designed to have minimum maintenance requirements with longer service intervals to save you both time and money. However, some day-to-day and regular maintenance is essential to maintain your INFINITI's good mechanical condition, as well as its emission and engine performance.

It is the owner's responsibility to make sure that the specified maintenance and the general maintenance are performed.

As the vehicle owner, you are the only one who can ensure that your vehicle receives the proper maintenance care. You are a vital link in the maintenance chain.

Scheduled maintenance:

For your convenience, both required and optional scheduled maintenance items are described and listed in your "INFINITI Service and Maintenance Guide". You must refer to that guide to ensure that necessary maintenance is performed on your INFINITI at regular intervals.

General maintenance:

General maintenance includes those items which should be checked during normal day-to-day operation. They are essential for proper vehicle operation. It is

8-2 Maintenance and do-it-yourself

your responsibility to perform these maintenance procedures regularly as prescribed.

Performing general maintenance checks requires minimal mechanical skill and only a few general automotive tools.

These checks or inspections can be done by you, a qualified technician, or, if you prefer, an INFINITI dealer.

Where to go for service:

If maintenance service is required or your vehicle appears to malfunction, have the systems checked and serviced by an INFINITI dealer.

INFINITI technicians are well-trained specialists and are kept up to date with the latest service information through technical bulletins, service tips, and in-dealership information systems. They are completely qualified to work on INFINITI vehicles **before** work begins.

You can be confident that an INFINITI dealer's service department performs the best job to meet the maintenance requirements on your vehicle — in a reliable and economic way.

GENERAL MAINTENANCE

During the normal day-to-day operation of the vehicle, general maintenance should be performed regularly as prescribed in this section. If you detect any unusual sounds, vibrations or smell, be sure to check for the cause or have an INFINITI dealer perform it promptly. In addition, you should notify an INFINITI dealer if you think the repairs are required.

When performing any checks or maintenance work, closely observe the "Maintenance precautions" later in this section.

EXPLANATION OF MAINTENANCE ITEMS

Additional information on the following items with “*” is found later in this section.

Outside the vehicle

The maintenance items listed here should be performed from time to time, unless otherwise specified.

Doors and engine hood: Check that all doors and the engine hood operate properly. Also ensure that all latches lock securely. Lubricate hinges and latches if necessary. Make sure that the secondary latch keeps the hood from opening when the primary latch is released.

When driving in areas using road salt or other corrosive materials, check lubrication frequently.

Lights*: Clean the headlights on a regular basis. Make sure that the headlights, stop lights, tail lights, turn signal lights, and other lights are all operating properly and installed securely. Also check headlight aim.

Road wheel nuts (lug nuts): When checking the tires, make sure no wheel

nuts are missing, and check for any loose wheel nuts. Tighten if necessary.

Tires*: Check the pressure with a gauge often and always prior to long distance trips. If necessary, adjust the pressure in all tires, including the spare, to the specified pressure. Check carefully for damage, cuts or excessive wear.

Tire rotation*:

Sedan: The tires should be rotated every 7,500 miles (12,000 km) to minimize tire wear variation.

Coupe: The tires cannot be rotated.

Tire, wheel alignment and balance: If the vehicle should pull to either side while driving on a straight and level road, or if you detect uneven or abnormal tire wear, there may be a need for wheel alignment.

If the steering wheel or seat vibrates at normal highway speeds, wheel balancing may be needed.

- For additional information regarding tires, refer to “Important Tire Safety Information” (US) or “Tire Safety Information” (Canada) in the Warranty Information Booklet.

Windshield: Clean the windshield on a

regular basis. Check the windshield at least every six months for cracks or other damage. Have a damaged windshield repaired by a qualified repair facility.

Windshield wiper blades*: Check for cracks or wear if they do not wipe properly.

Inside the vehicle

The maintenance items listed here should be checked on a regular basis, such as when performing periodic maintenance, cleaning the vehicle, etc.

Accelerator pedal: Check the pedal for smooth operation and make sure the pedal does not catch or require uneven effort. Keep the floor mat away from the pedal.

Automatic transmission P (Park) mechanism: On a fairly steep hill check that your vehicle is held securely with the selector lever in the P (Park) position without applying any brakes.

Brake pedal*: Check the pedal for smooth operation and make sure it has the proper distance under it when depressed fully. Check the brake booster function. Be sure to keep the floor mat away from the pedal.

Brakes: Check that the brakes do not pull the vehicle to one side when applied.

Parking brake*: Check that the pedal/lever has the proper travel and confirm that your vehicle is held securely on a fairly steep hill with only the parking brake applied.

Seats: Check seat position controls such as seat adjusters, seatback recliner, etc. to ensure they operate smoothly and that all latches lock securely in every position. Check that the head restraints move up and down smoothly and that the locks (if so equipped) hold securely in all latched positions.

Seat belts: Check that all parts of the seat belt system (For example, buckles, anchors, adjusters and retractors) operate properly and smoothly, and are installed securely. Check the belt webbing for cuts, fraying, wear or damage.

Steering wheel: Check for changes in the steering conditions, such as excessive free play, hard steering or strange noises.

Warning lights and chimes: Make sure that all warning lights and chimes are operating properly.

Windshield defroster: Check that the air comes out of the defroster outlets properly and in sufficient quantity when operating the heater or air conditioner.

Windshield wiper and washer*: Check that the wipers and washer operate properly and that the wipers do not streak.

Under the hood and vehicle

The maintenance items listed here should be checked periodically (For example, each time you check the engine oil or refuel).

Battery*: Check the fluid level in each cell. It should be between the MAX and MIN lines. Vehicles operated in high temperatures or under severe conditions require frequent checks of the battery fluid level.

Brake and clutch fluid level*: Make sure that the brake and clutch fluid levels are between the MAX and MIN lines on the reservoir.

Engine coolant level*: Check the coolant level when the engine is cold.

Engine drive belts*: Make sure that no belt is frayed, worn, cracked or oily.

Engine oil level*: Check the level after parking the vehicle on a level location and turning off the engine. (Wait at least

10 minutes for the oil to drain back into the oil pan.)

Exhaust system: Make sure there are no loose supports, cracks or holes. If the sound of the exhaust seems unusual or there is a smell of exhaust fumes, immediately locate the trouble and correct it. See “Precautions when starting and driving” in the “5. Starting and driving” section for exhaust gas (Carbon monoxide).

Fluid leaks: Check under the vehicle for fuel, oil, water or other fluid leaks after the vehicle has been parked for a while. Water dripping from the air conditioner after use is normal. If you should notice any leaks or if gasoline fumes are evident, check for the cause and have it corrected immediately.

Power steering fluid level* and lines: Check the level when the fluid is cold and the engine is turned off. Check the lines for proper attachment, leaks, cracks, etc.

Radiator and hoses: Check the front of the radiator and clean off any dirt, insects, leaves, etc., that may have accumulated. Make sure the hoses have no cracks, deformation, deterioration or loose connections.

Underbody: The underbody is frequently exposed to corrosive substances such as those used on icy roads or to control dust. It is very important to remove these substances, otherwise rust will form on the floor pan, frame, fuel lines and around the exhaust system. At the end of winter, the underbody should be thoroughly flushed with plain water, being careful to clean those areas where mud and dirt may accumulate. For additional information, see “Cleaning exterior” in the “7. Appearance and care” section.

Windshield washer fluid*: Check that there is adequate fluid in the tank.

MAINTENANCE PRECAUTIONS

When performing any inspection or maintenance work on your vehicle, always take care to prevent serious accidental injury to yourself or damage to the vehicle. The following are general precautions which should be closely observed.



WARNING

- Park the vehicle on a level surface, apply the parking brake securely and block the wheels to prevent the vehicle from moving. For a manual transmission, move the shift lever to N (Neutral) position. For an automatic transmission models, move the selector lever to P (Park).
- Be sure the ignition key is in the OFF or LOCK position when performing any parts replacement or repairs.
- If you must work with the engine running, keep your hands, clothing, hair and tools away from moving fans, belts and any other moving parts.
- It is advisable to secure or remove any loose clothing and remove any jewelry,

such as rings, watches, etc. before working on your vehicle.

- Always wear eye protection whenever you work on your vehicle.
- If you must run the engine in an enclosed space such as a garage, be sure there is proper ventilation for exhaust gases to escape.
- Never get under the vehicle while it is supported only by a jack. If it is necessary to work under the vehicle, support it with safety stands.
- Keep smoking materials, flame and sparks away from the fuel tank and battery.
- On gasoline engine models with the Multiport Fuel Injection (MFI) System, the fuel filter or fuel lines should be serviced by an INFINITI dealer because the fuel lines are under high pressure even when the engine is off.



CAUTION

- Do not work under the hood while the engine is hot. Turn the engine off and wait until it cools down.
- Never connect or disconnect the battery or any transistorized component while the ignition switch is in the ON position.
- Never leave the engine or automatic transmission related component harness connector disconnected while the ignition switch is in the ON position.
- Avoid contact with used engine oil and coolant. Improperly disposed engine oil, engine coolant and/or other vehicle fluids can damage the environment. Always conform to local regulations for disposal of vehicle fluid.

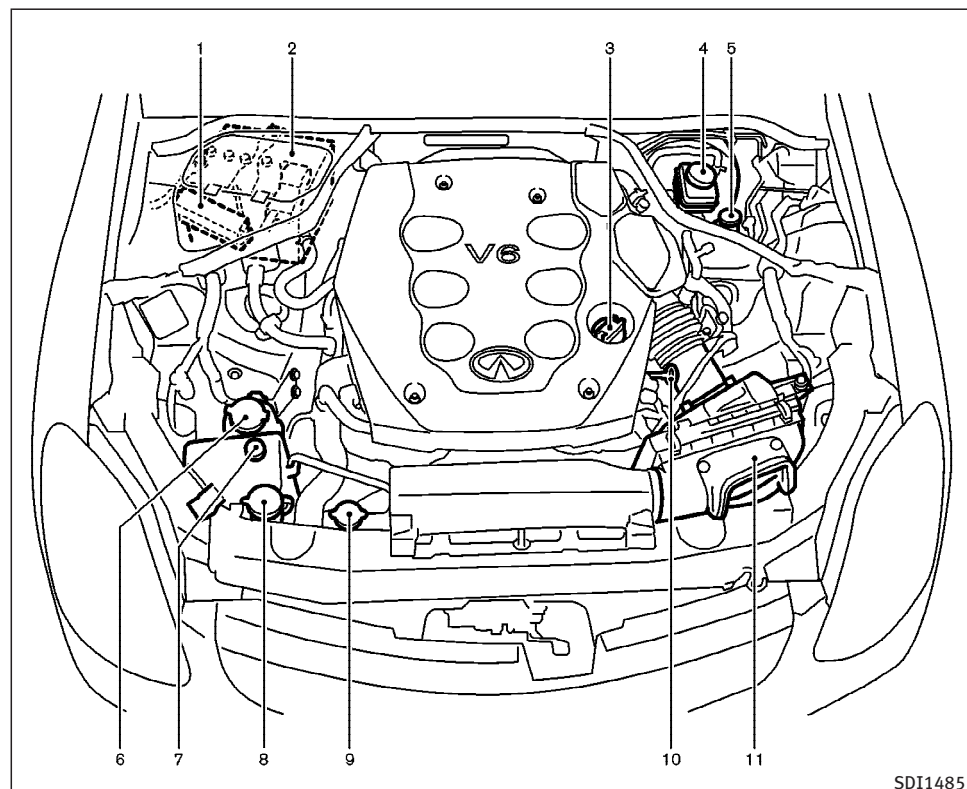
This “8. Maintenance and do-it-yourself” section gives instructions regarding only those items which are relatively easy for an owner to perform.

A genuine INFINITI Service Manual is

also available. See “Owner’s Manual/Service Manual order information” in the “9. Technical and consumer information” section.

You should be aware that incomplete or improper servicing may result in operating difficulties or excessive emissions, and could affect your warranty coverage. **If in doubt about any servicing, have it done by an INFINITI dealer.**

ENGINE COMPARTMENT CHECK LOCATIONS



SDI1485

1. Fuse/fusible link holder
2. Battery
3. Engine oil filler cap
4. Brake fluid reservoir
5. Clutch fluid reservoir
6. Power steering fluid reservoir
7. Engine coolant reservoir
8. Windshield washer fluid reservoir
9. Radiator filler cap
10. Engine oil dipstick
11. Air cleaner

ENGINE COOLING SYSTEM

The engine cooling system is filled at the factory with a high-quality, year-round, anti-freeze coolant solution. The anti-freeze solution contains rust and corrosion inhibitors, therefore additional cooling system additives are not necessary.

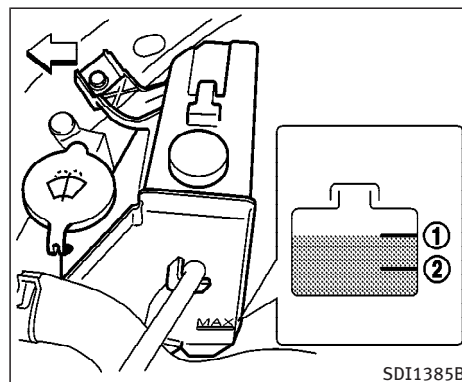
WARNING

- Never remove the radiator cap when the engine is hot. Wait until the engine and radiator cool down. Serious burns could be caused by high pressure fluid escaping from the radiator.
- See “If your vehicle overheats” in the “6. In case of emergency” section.
- The radiator is equipped with a pressure type radiator cap. To prevent engine damage, use only a genuine NISSAN radiator cap.

CAUTION

When adding or replacing coolant, be sure to use only a Genuine Nissan Long Life Antifreeze/Coolant or equivalent with the proper mixture ratio of 50% antifreeze and 50% demineralized water/distilled water. The use of other types of engine coolant may damage your engine cooling system.

| Outside temperature down to | | Antifreeze | Demineralized water/ distilled water |
|-----------------------------|-----|------------|---|
| °C | °F | | |
| -35 | -30 | 50% | 50% |

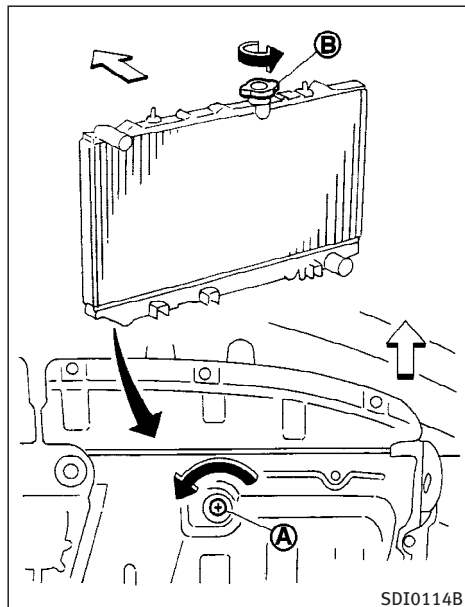


CHECKING ENGINE COOLANT LEVEL

Check the coolant level in the reservoir tank when the engine is cold. If the coolant level is below MIN ②, add coolant up to the MAX ① level. If the reservoir tank is empty, check the coolant level in the radiator **when the engine is cold**. If there is insufficient coolant in the radiator, fill the radiator with coolant up to the filler opening and also add it to the reservoir tank up to the MAX level ①.

If the engine cooling system frequently

requires coolant, have it checked by an INFINITI dealer.



CHANGING ENGINE COOLANT

- Major cooling system repairs should be performed by an INFINITI dealer. The service procedures can be found

in the appropriate INFINITI Service Manual.

- Improper servicing can result in reduced heater performance and engine overheating.



WARNING

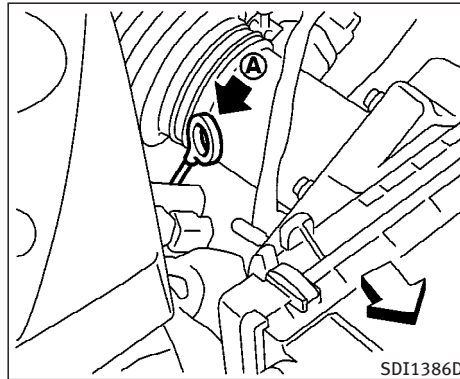
- To avoid being scalded, never change the coolant when the engine is hot.
- Never remove the radiator cap when the engine is hot. Serious burns could be caused by high pressure fluid escaping from the radiator.
- Avoid direct skin contact with used coolant. If skin contact is made, wash thoroughly with soap or hand cleaner as soon as possible.
- Keep coolant out of reach of children and pets.

1. Open radiator drain plug (A) at the bottom of radiator, and remove radiator filler cap (B).
- **Be careful not to allow coolant to contact drive belts.**
 - **Waste coolant must be disposed of**
Maintenance and do-it-yourself 8-9

ENGINE OIL

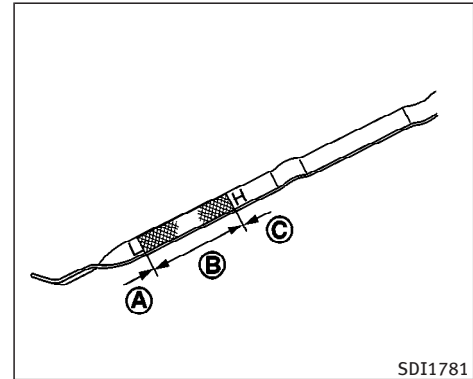
properly. Check your local regulations.

2. Close the radiator drain plug securely after the coolant is drained.
3. Fill the radiator slowly with the proper mixture of antifreeze solution and demineralized water/distilled water. Fill the reservoir tank up to the MAX level. Then install the radiator filler cap.
4. Start the engine and warm it up until it reaches normal operating temperature. Then race the engine 2 or 3 times under no load. Watch the engine coolant temperature gauge for signs of overheating.
5. Stop the engine. After it completely cools down, refill the radiator up to the filler opening. Fill the reservoir tank up to the MAX level. Check the drain plug for any sign of leakage.
6. Recheck the coolant level after the vehicle has been driven for a day.



CHECKING ENGINE OIL LEVEL

1. Park the vehicle on a level surface and apply the parking brake.
2. Run the engine until it reaches operating temperature.
3. Turn off the engine. **Wait more than 10 minutes for the oil to drain back into the oil pan.**
4. Remove the dipstick (A) and wipe it clean. Reinsert it all the way.



5. Remove the dipstick again and check the oil level. It should be between the H and L marks (B). If the oil level is below the L mark (A), remove the oil filler cap and pour recommended oil through the opening. **Do not overfill (C).**

6. Recheck oil level with dipstick.

It is normal to add some oil between oil maintenance intervals or during the break-in period, depending on the severity of operating conditions.



CAUTION

Oil level should be checked regularly. Operating the engine with an insufficient amount of oil can damage the engine, and such damage is not covered by warranty.

CHANGING ENGINE OIL AND FILTER

Change the engine oil and filter according to the maintenance intervals shown in the INFINITI Service and Maintenance Guide.

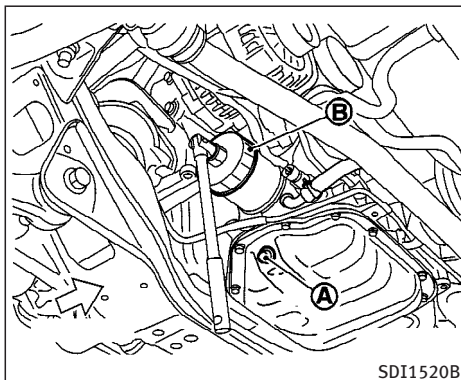
Vehicle set-up

1. Park the vehicle on a level surface and apply the parking brake.
2. Run the engine until it reaches operating temperature.
3. Turn the engine off and wait more than 10 minutes.
4. Raise and support the vehicle using a suitable floor jack and safety jack stands.
 - Place the safety jack stands under the vehicle jack-up points.
 - A suitable adapter should be attached to the jack stand saddle.
5. Remove the plastic engine undercover.
 - a. Remove the small plastic clip at the center point of the undercover.
 - b. Then remove the other bolts that hold the undercover in place.



CAUTION

Make sure the correct lifting and support points are used to avoid vehicle damage.



Engine oil and filter

1. Place a large drain pan under the drain plug.
2. Remove the oil filler cap.
3. Remove the drain plug (A) with a wrench and completely drain the oil.



CAUTION

Be careful not to burn yourself, as the engine oil is hot.

- **Waste oil must be disposed of properly.**
- **Check your local regulations.**

4. Loosen the oil filter with an oil filter wrench (B). Remove the oil filter by turning it by hand.
5. Wipe the engine oil filter mounting surface with a clean rag.

Be sure to remove any old rubber gasket remaining on the mounting surface of the engine.

6. Coat the gasket on the new filter with clean engine oil.
7. Screw in the oil filter clockwise until a slight resistance is felt, then tighten additionally more than 2/3 turn.

Oil filter tightening torque:

**11 to 15 ft-lb
(14.7 to 20.5 N-m)**

8. Clean and re-install the drain plug with a new washer. Securely tighten the drain plug with a wrench.

Drain plug tightening torque:

**22 to 29 ft-lb
(29 to 39 N-m)**

Do not use excessive force.

9. Refill engine with recommended oil and install the cap securely.



CAUTION

The dipstick must be inserted in place to prevent oil spillage from the dipstick hole while filling the engine with oil.

See “Capacities and recommended fuel/lubricants” in the “9. Technical and consumer information” section for drain and refill capacity. The drain and refill capacity depends on the oil temperature and drain time. Use these specifications for reference only. Always use the dipstick to determine the proper amount of oil in the engine.



CAUTION

When filling oil, do not pull out the dipstick.

10. Start the engine and check for leakage around the drain plug and the oil filter. Correct as required.

11. Turn the engine off and wait more than 10 minutes. Check the oil level with the dipstick. Add engine oil if necessary.

After the operation

1. Install the engine undercover into position as the following steps.
 - a. Pull the center of the small plastic clip out.
 - b. Hold the engine undercover into position.
 - c. Insert the clip through the undercover into the hole in the frame, then push the center of the clip in to lock the clip in place.
 - d. Install the other bolts that hold the undercover in place. Be careful not to strip the bolts or over-tighten them.
2. Lower the vehicle carefully to the ground.
3. Dispose of waste oil and filter properly.



WARNING

- Prolonged and repeated contact with used engine oil may cause skin cancer.
- Try to avoid direct skin contact with used oil. If skin contact is made, wash thoroughly with soap or hand cleaner as soon as possible.
- Keep used engine oil out of reach of children.



CAUTION

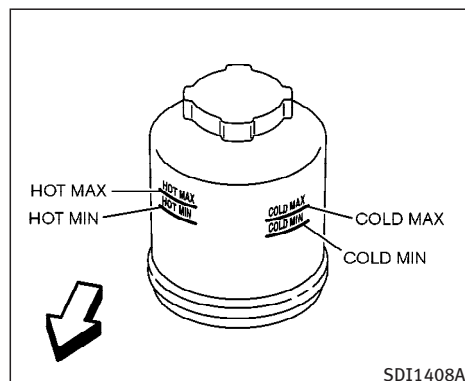
- Use only Genuine Nissan Matic J ATF. Do not mix with other fluids.
- Using automatic transmission fluid other than Genuine Nissan Matic J ATF will cause deterioration in driveability and automatic transmission durability, and may damage the automatic transmission, which is not covered by the INFINITI new vehicle limited warranty.

AUTOMATIC TRANSMISSION FLUID

If checking or replacement is required, we recommend an INFINITI dealer for servicing.

The specified automatic transmission fluid is also described on caution labels located in the engine compartment.

POWER STEERING FLUID



Check the fluid level in the reservoir tank.

The fluid level should be checked using the HOT range at fluid temperatures of 122 to 176°F (50 to 80°C) or using the COLD range at fluid temperatures of 32 to 86°F (0 to 30°C).



CAUTION

- Do not overfill.
- Use Genuine NISSAN PSF or equivalent.

BRAKE AND CLUTCH FLUID

For additional brake fluid specification information, refer to “Capacities and recommended fuel/lubricants” in the “9. Technical and consumer information” section.



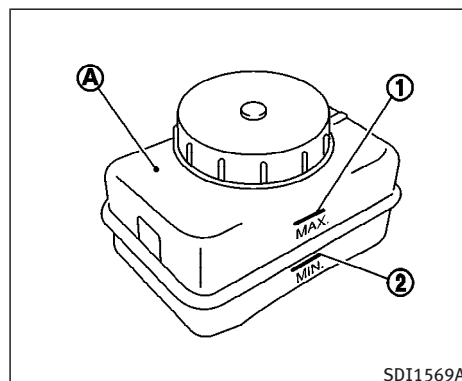
WARNING

Use only new fluid. Old, inferior, or contaminated fluid may damage the brake system. Do not add synthetic brake fluid. The use of improper fluids can damage the brake system and affect the vehicle's stopping ability.



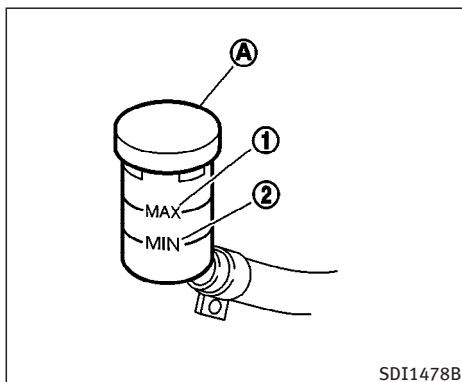
CAUTION

Do not spill the fluid on any painted surfaces. This will damage the paint. If fluid is spilled, immediately wash the surface with water.



BRAKE FLUID

Check the fluid level in the reservoir [Ⓐ]. If the fluid is below the MIN line ^② or the brake warning light comes on, add Genuine Nissan Super Heavy Duty Brake Fluid or equivalent **DOT 3** fluid up to the MAX line ^①. If fluid must be added frequently, the system should be thoroughly checked by an INFINITI dealer.



CLUTCH FLUID

Check the fluid level in the reservoir **A**. If the fluid level is below the MIN. line **2**, add Genuine Nissan Super Heavy Duty Brake Fluid or equivalent DOT 3 fluid up to the MAX. line **1**.

If fluid is added frequently, the system should be thoroughly checked by an INFINITI dealer.



WARNING

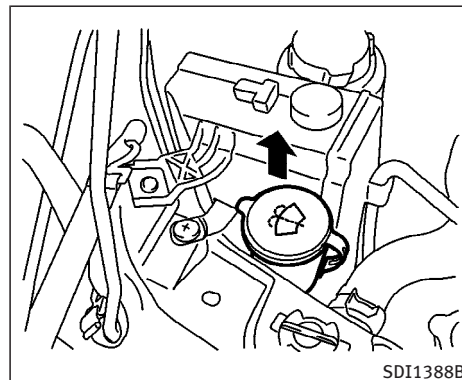
Use only new fluid from a sealed container. Old, inferior or contaminated fluid may damage the clutch system.



CAUTION

Do not spill the fluid on painted surfaces. This will damage the paint. If fluid is spilled, wash the surface with water.

WINDOW WASHER FLUID



Add fluid when the low washer fluid warning light comes on. Add a washer solvent to the water for better cleaning. In the winter season, add a windshield washer antifreeze. Follow the manufacturer's instructions for the mixture ratio.



WARNING

Antifreeze is poisonous and should be stored carefully in marked containers out of the reach of children.



CAUTION

Do not substitute engine anti-freeze coolant for window washer solution. This may result in damage to the paint.

BATTERY

- Keep the battery surface clean and dry. Any corrosion should be washed off with a solution of baking soda and water.
- Make certain the terminal connections are clean and securely tightened.
- If the vehicle is not to be used for 30 days or longer, disconnect the (-) negative battery terminal cable to prevent discharging it.

Coupe



CAUTION

When the battery cable is removed from the battery terminal, do not close either of front doors. The automatic window adjusting function will not work, and the side roof panel may be damaged.

To disconnect the negative (-) battery terminal, perform the procedure in the following order. Otherwise, the window and the side roof panel may contact and be damaged.

1. Close the windows.

2. Open the hood.

3. Close and lock all the doors.

4. Disconnect the negative (-) battery terminal.

5. Securely close the hood.

To connect the negative (-) battery terminal, perform the procedure in the following order. Otherwise, the window and the side roof panel may contact and be damaged.

1. Unlock and open the driver side door. Do not close the door.

2. Open the hood.

3. Connect the negative (-) battery terminal. Then close the hood.

4. Fully open the driver side door window.

5. Close the driver side door and the window.

Sedan and coupe

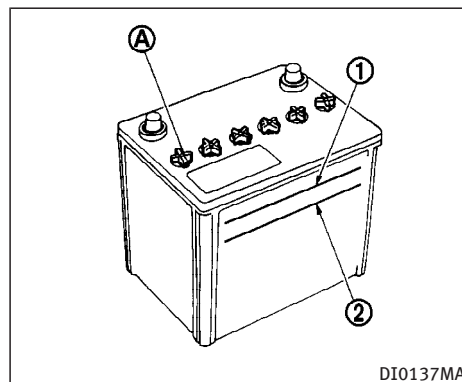


WARNING

- Do not expose the battery to flames or electrical sparks. Hydrogen gas, generated by battery fluid, is explosive. Do not allow battery fluid to contact your skin, eyes, fabrics, or painted surfaces. After touching a battery or battery cap, do not touch or rub your eyes. Thoroughly wash your hands. If the acid contacts your eyes, skin or clothing, immediately flush with water for at least 15 minutes and seek medical attention.
- Do not operate the vehicle if the fluid in the battery is low. Low battery fluid can cause a higher load on the battery which can generate heat, reduce battery life, and in some cases lead to an explosion.
- When working on or near a battery, always wear suitable eye protection and remove all jewelry.
- Battery posts, terminals and related

accessories contain lead and lead compounds. Wash hands after handling.

- Keep the battery out of the reach of children.



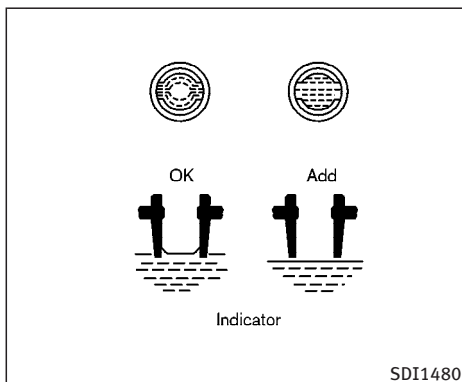
DI0137MA

Check the fluid level in each cell. It should be between the UPPER LEVEL ① and LOWER LEVEL ② lines.

If it is necessary to add fluid, add only distilled water to bring the level to the indicator in each filler opening. **Do not over-fill.**

Vehicles operated in high temperatures or under severe conditions require frequent checks of the battery fluid level.

1. Remove the cell plugs A.
2. Add distilled water up to the UPPER LEVEL ①.



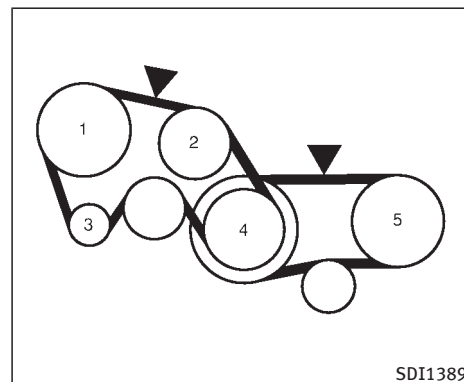
If the side of the battery is not visible, the electrolyte level can be checked through each filler opening as illustrated.

3. Tighten cell plugs ①.

JUMP STARTING

If jump starting is necessary, see “Jump starting” in the “6. In case of emergency” section. If the engine does not start by jump starting, the battery may have to be replaced. Contact an INFINITI dealer.

DRIVE BELTS



1. Power steering fluid pump
2. Fan
3. Alternator
4. Crankshaft pulley
5. Air conditioner compressor

▼: Tension checking points

SPARK PLUGS



WARNING

Be sure the ignition key is in the OFF or LOCK position. The engine could rotate unexpectedly.



WARNING

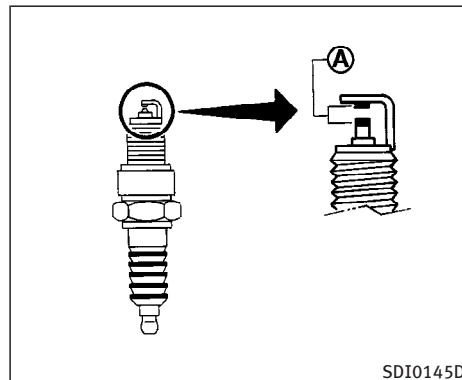
Be sure the engine and ignition switch are off and that the parking brake is engaged securely.



CAUTION

Be sure to use the correct socket to remove the spark plugs. An incorrect socket can damage the spark plugs.

1. Visually inspect each belt for signs of unusual wear, cuts, fraying, oil adhesion or looseness. If the belt is in poor condition or loose, have it replaced or adjusted by an INFINITI dealer.
2. Have the belts checked regularly for condition and tension in accordance with the maintenance schedule in the INFINITI Service and Maintenance Guide.



REPLACING SPARK PLUGS

If replacement is required, see an INFINITI dealer for servicing.

Platinum-tipped spark plugs

It is not necessary to replace the platinum-tipped Ⓐ spark plugs as frequently as the conventional type spark plugs since they will last much longer. Follow the maintenance schedule but, do not reuse them by cleaning or regapping.

Always replace with recommended platinum-tipped spark plugs.

AIR CLEANER

If maintenance is required, see an INFINITI dealer for servicing.

The filter element should not be cleaned and reused. Replace it according to the maintenance intervals. See the INFINITI Service and Maintenance Guide. When replacing the filter, wipe the inside of the air cleaner housing and the cover with a damp cloth.



WARNING

- Operating the engine with the air cleaner removed can cause you or others to be burned. The air cleaner not only cleans the air, it stops the flame if the engine backfires. If it is not there, and the engine backfires, you could be burned. Do not drive with the air cleaner removed, and be careful when working on the engine with the air cleaner removed.
- Never pour fuel into the throttle body or attempt to start the engine with the air cleaner removed. Doing so could result in serious injury.

WINDSHIELD WIPER BLADES



CAUTION

- After wiper blade replacement, return the wiper arm to its original position.

Otherwise it may be damaged when the engine hood is opened.

- Make sure the wiper blades contact the glass, otherwise the arms may be damaged from wind pressure.
- Worn windshield wiper blades can damage the windshield and impair driver vision.

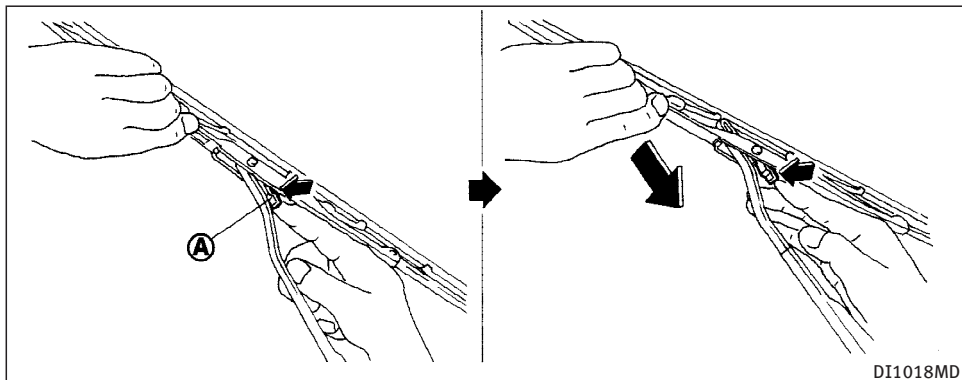
CLEANING

If your windshield is not clear after using the windshield washer or if a wiper blade chatters when running, wax or other material may be on the blade or windshield.

Clean the outside of the windshield with a washer solution or a mild detergent. Your windshield is clean if beads do not form when rinsing with clear water.

Clean the blade by wiping it with a cloth soaked in a washer solution or a mild de-

tergent. Then rinse the blade with clear water. If your windshield is still not clear after cleaning the blades and using the wiper, replace the blades.

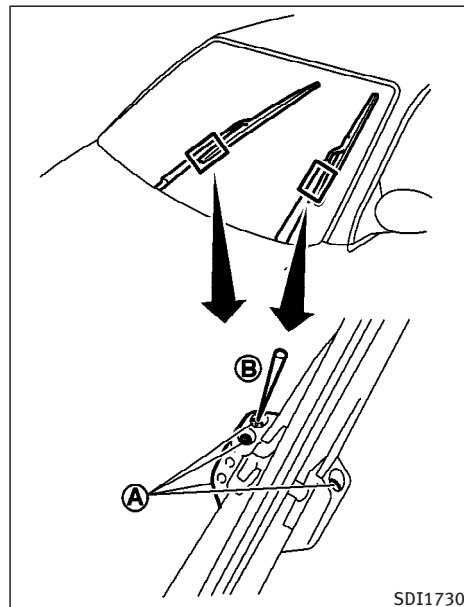


DI1018MD

REPLACING

Replace the wiper blades if they are worn.

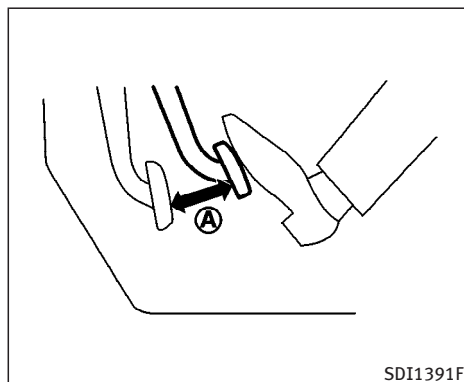
1. Pull the wiper arm.
2. Push the lock pin (A), then remove the wiper blade.
3. Insert the new wiper blade to the wiper arm until a click sounds.



SDI1730

If necessary, clean the windshield washer nozzle (A) with a needle or small pin (B).

PARKING BRAKE AND BRAKE PEDAL

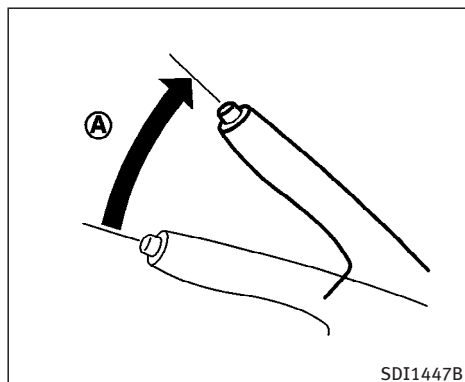


CHECKING PARKING BRAKE

Pedal type

From the released position, depress the parking brake pedal slowly and firmly, and check the distance between the initial and final position of the pedal (A). If it is out of the range shown below, see an INFINITI dealer.

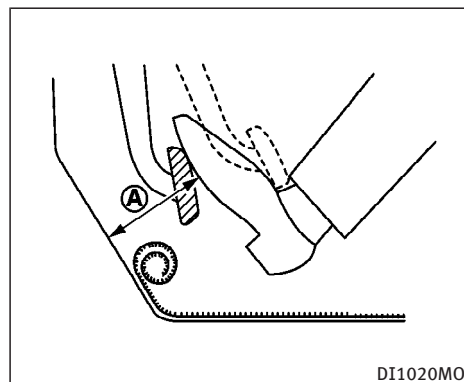
Range: 2 to 3 notches under a depressing force of 44 lb (196 N)



Lever type

From the released position, pull the parking brake lever up slowly and firmly. If the number of clicks is out of the range (A) listed below, see an INFINITI dealer.

Range: 6 to 7 clicks under pulling force of 44 lb (196 N)



CHECKING BRAKE PEDAL

With the engine running, check the distance between the upper surface of the pedal and the metal floor. If it is out of the range (A) shown below, see an INFINITI dealer.

Range: 3.74 in (95 mm) or more under a depressing force of 110 lb (490 N)

Self-adjusting brakes

Your vehicle is equipped with self-adjusting brakes.

The disc-type brakes self-adjust every

time the brake pedal is applied.



WARNING

See an INFINITI dealer for a brake system check if the brake pedal height does not return to normal.

Brake pad wear indicators

The disc brake pads on your vehicle have audible wear indicators. When a brake pad requires replacement, it will make a high pitched scraping or screeching sound when the vehicle is in motion whether or not the brake pedal is depressed. Have the brakes checked as soon as possible if the wear indicator sound is heard.

Under some driving or climate conditions, occasional brake squeak, squeal or other noise may be heard. Occasional brake noise during light to moderate stops is normal and does not affect the function or performance of the brake system.

Proper brake inspection intervals should be followed. For additional information, see the appropriate maintenance log

shown in the INFINITI Service and Maintenance Guide.

High performance sports brake pads occasionally make squeaks, squeals or other braking noises because of their very high friction coefficient.

These occasional brake noises are normal, but if they continue, see an INFINITI dealer.

BRAKE BOOSTER

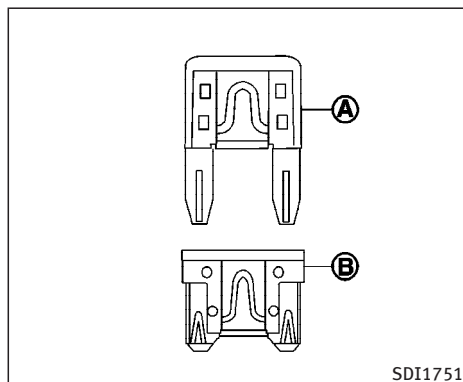
Check the brake booster function as follows:

1. With the engine off, press and release the brake pedal several times. When brake pedal movement (distance of travel) remains the same from one pedal application to the next, continue on to the next step.
2. While depressing the brake pedal, start the engine. The pedal height should drop a little.
3. With the brake pedal depressed, stop the engine. Keeping the pedal depressed for about 30 seconds, the pedal height should not change.
4. Run the engine for one minute without depressing the brake pedal, then turn

it off. Depress the brake pedal several times. The pedal travel distance will decrease gradually with each depression as the vacuum is released from the booster.

If the brakes do not operate properly, see an INFINITI dealer.

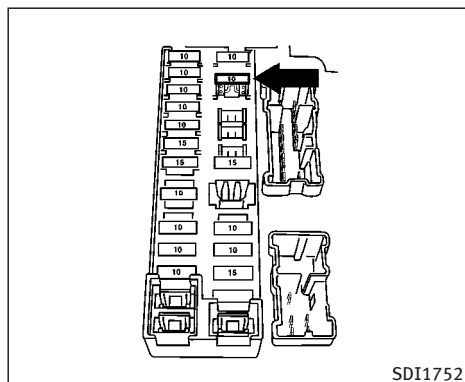
FUSES



Two types of fuses are used. Type (A) is used in the fuse boxes in the engine compartment. Type (B) is used in the passenger compartment fuse box.

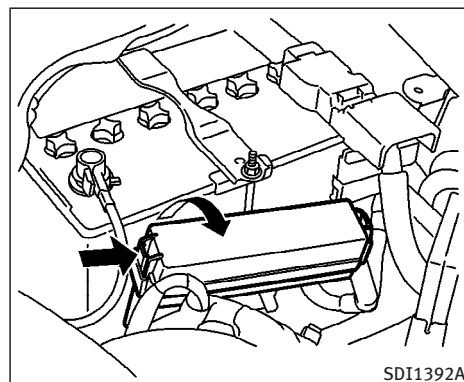
Type (A) fuses are provided as spare fuses. They are stored in the passenger compartment fuse box.

Type (A) fuses can be installed in the engine compartment and passenger compartment fuse boxes.



If a type (A) fuse is used to replace a type (B) fuse, the type (A) fuse will not be level with the fuse pocket as shown in the illustration. This will not affect the performance of the fuse. Make sure the fuse is installed in the fuse box securely.

Type (B) fuses cannot be installed in the underhood fuse boxes. Only use type (A) fuses in the underhood fuse boxes.



ENGINE COMPARTMENT



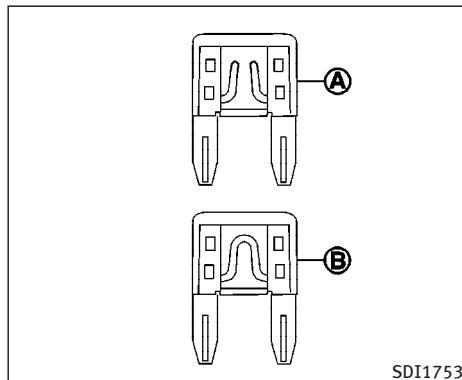
CAUTION

Never use a fuse of a higher or lower amperage rating than that specified on the fuse box cover. This could damage the electrical system or cause a fire.

If any electrical equipment does not operate, check for an open fuse.

1. Be sure the ignition switch and headlight switch are in the OFF position.

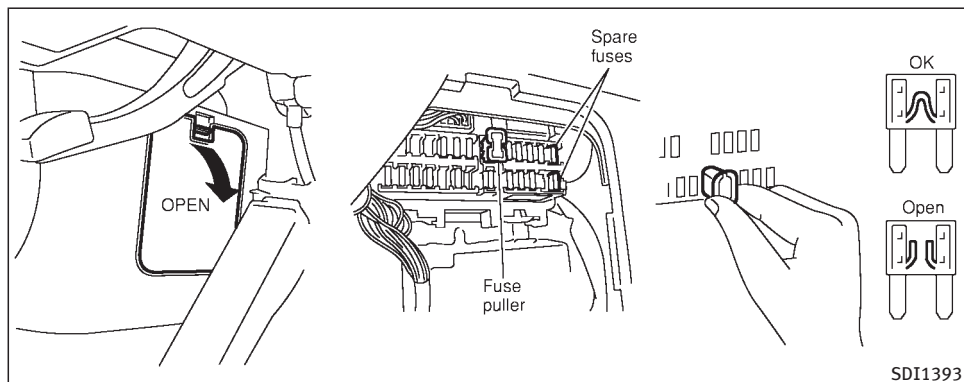
2. Open the engine hood and remove the cover on the battery and the fuse/fusible link holder.
3. Remove the fuse/fusible link holder cover.
4. Remove the fuse with the fuse puller.



5. If the fuse is open (A), replace it with a new fuse (B).
6. If a new fuse also opens, have the electrical system checked and repaired by an INFINITI dealer.

Fusible links

If any electrical equipment does not operate and fuses are in good condition, check the fusible links. If any of these fusible links are melted, replace only with genuine NISSAN parts.



PASSENGER COMPARTMENT



CAUTION

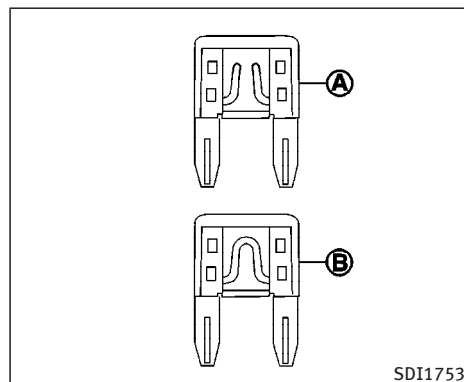
Never use a fuse of a higher or lower amperage rating than that specified on the fuse box cover. This could damage the electrical system or cause a fire.

If any electrical equipment does not operate, check for an open fuse.

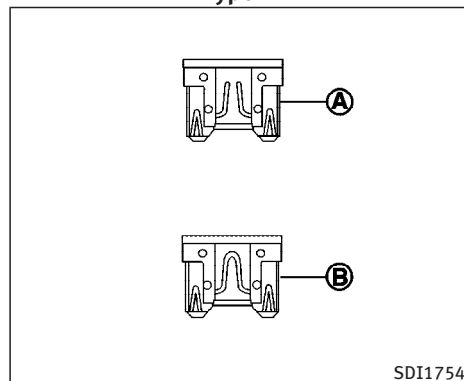
1. Be sure the ignition switch and the

headlight switch are in the OFF position.

2. Open the fuse box lid.
3. Remove the fuse with the fuse puller.
4. If the fuse is open (A), replace it with a new fuse (B).
5. If a new fuse also opens, have the electrical system checked and repaired by an INFINITI dealer.

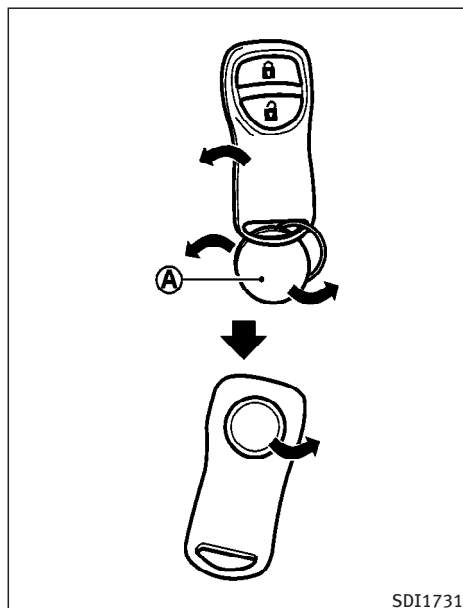


Type A



Type B

KEYFOB BATTERY REPLACEMENT



KEYFOB (EXCEPT INTELLIGENT KEY)

Replace the battery as follows:

1. Open the lid using a suitable tool (A).

2. Replace the battery with a new one.
Recommended battery: CR2025 or equivalent

Make sure that the ⊕ side faces the bottom case.

3. Close the lid securely.
4. Push the keyfob button two or three times to check its operation.

See an INFINITI dealer if you need any assistance for replacement.

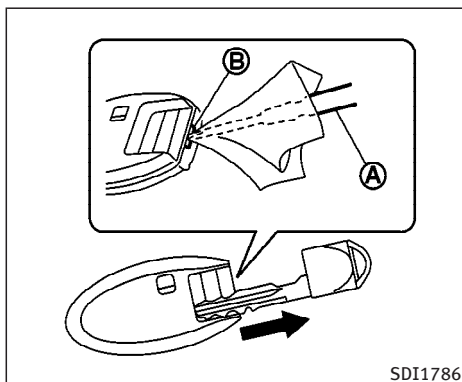
If the battery is removed for any reason other than replacement, perform step 4 above.

- Be careful not to touch the circuit board and the battery terminal.
- An improperly disposed battery can harm the environment. Always confirm local regulations for battery disposal.
- The keyfob is water-resistant; however, if it gets wet, immediately wipe it completely dry.
- When changing batteries, do not let dust or oil get on the keyfob.

FCC Notice:

Changes or modifications not expressly

approved by the manufacturer compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules and RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.



SDI1786

INTELLIGENT KEY

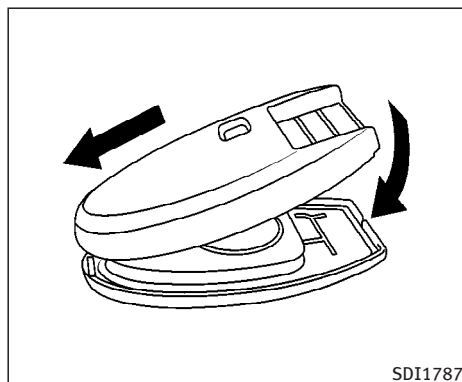


CAUTION

Be careful not to allow children to swallow the battery and removed parts.

Replace the battery as follows:

1. Release the lock knob at the back of the Intelligent Key and remove the mechanical key.
2. Insert a flat-blade screwdriver (A)



SDI1787

wrapped with a cloth into the slit (B) of the corner and twist it to separate the upper part from the lower part.

3. Replace the battery with a new one.
 - Do not touch the internal circuit and electric terminals as it could cause a malfunction.

Recommended battery: CR2025 or equivalent

Make sure that the ⊕ side faces the bottom of the case.

4. Align the tips of the upper and lower

parts, and then push them together until it is securely closed.

5. Push the buttons two or three times to check its operation.

See an INFINITI dealer if you need any assistance for replacement.

If the battery is removed for any reason other than replacement, perform step 5 above.

- Be careful not to touch the circuit board and the battery terminal.
- An improperly disposed battery can harm the environment. Always confirm local regulations for battery disposal.
- When changing batteries, do not let dust or oil get on the Intelligent Key.

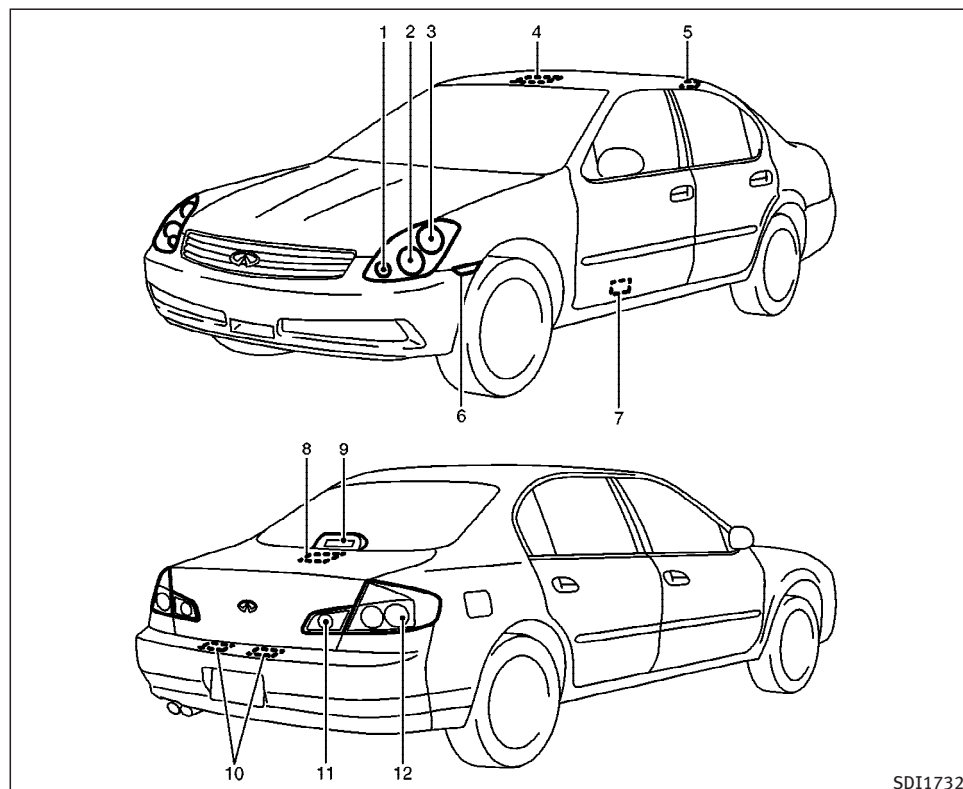
FCC Notice:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules (①: the certification number). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in ac-

cordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

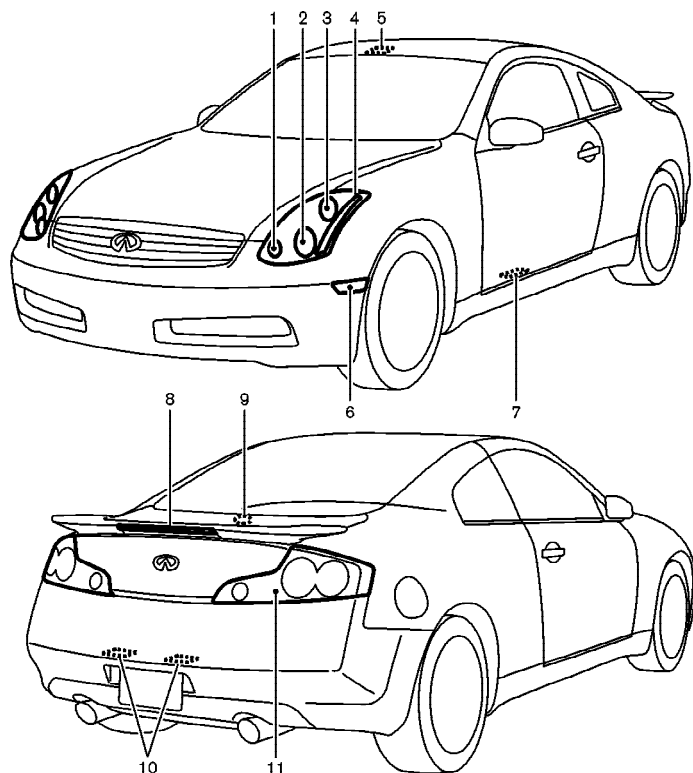
LIGHTS



Sedan

1. Front turn signal light, Clearance light
2. Front fog light/Headlight (high-beam)
3. Headlight (low-beam)
4. Map light
5. Rear personal light
6. Front side marker light
7. Step light
8. Trunk light
9. High-mounted stop light (if so equipped)
10. License plate light
11. Back-up light
12. Rear combination light (Turn signal, Stop/Tail, Side marker)

SDI1732



SDI1579

Coupe

1. Front turn signal light, Clearance light
2. Front fog light/Headlight (high-beam)
3. Headlight (low-beam)
4. Clearance light
5. Map light
6. Front side marker light
7. Step light
8. High-mounted stop light (if so equipped)
9. Trunk light
10. License plate light
11. Rear combination light (Turn signal, Stop/Tail, Back-up, Side marker)

HEADLIGHTS

Replacing

If replacement is required, see an INFINITI dealer.

Xenon headlight bulb:



WARNING



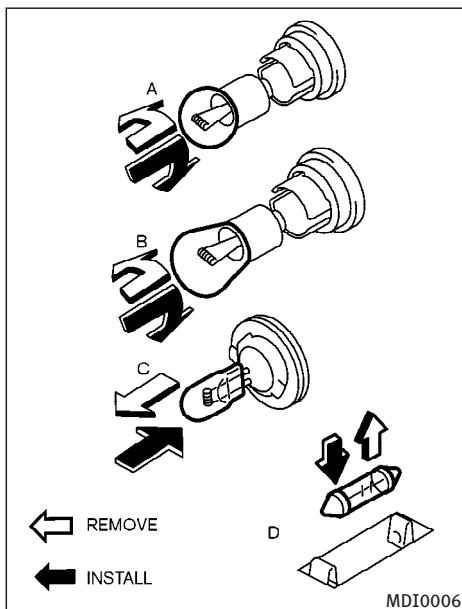
HIGH VOLTAGE

When xenon headlights are on, they produce a high voltage. To prevent an electric shock, never attempt to modify or disassemble. Always have your xenon headlights replaced at an INFINITI dealer. For additional information, see “Headlight and turn signal switch” in the “2. Instruments and controls” section.

EXTERIOR AND INTERIOR LIGHTS

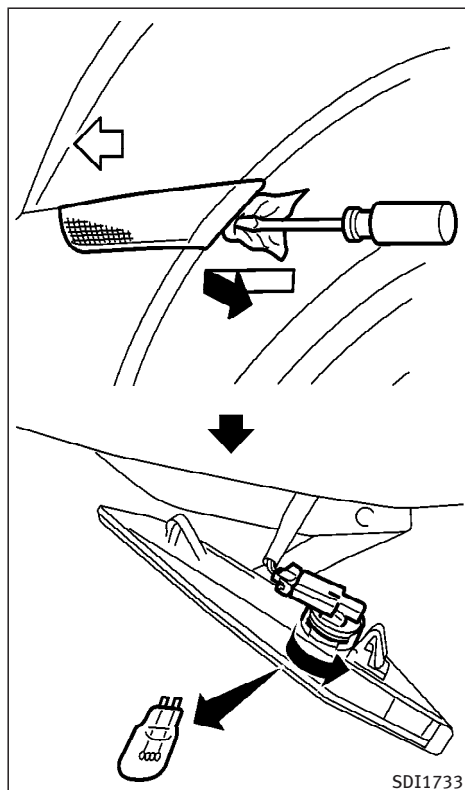
| Item | Wattage (W) | Bulb No. |
|-----------------------------|-------------------------|---------------------|
| Front turn signal* | 21 | T20 |
| Clearance light* | 5 | T10 |
| Front side marker light | 3.8 | T10 |
| Rear combination light | | |
| Turn signal | 21 | T20 |
| Stop/Tail* | (LED) | — |
| Side marker light* | Sedan: (LED)/Coupe: 3.8 | Sedan: —/Coupe: T10 |
| Back-up light | 18 | T16 |
| License plate light | 5 | T10 |
| High-mounted stop light* | (LED) | — |
| Map light | 8 | — |
| Rear personal light (Sedan) | 8 | — |
| Step light | 5 | — |
| Trunk light | 3.4 | 158 |
| Vanity mirror light | 1.32 | — |

*: See an INFINITI dealer for replacement.

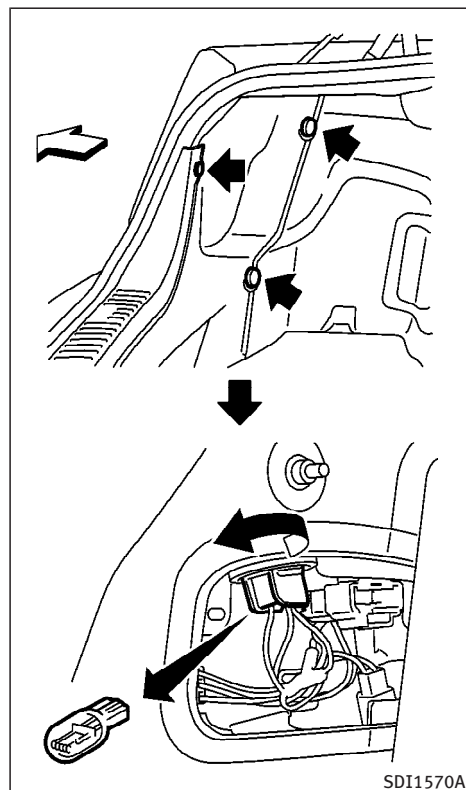


Replacement procedures

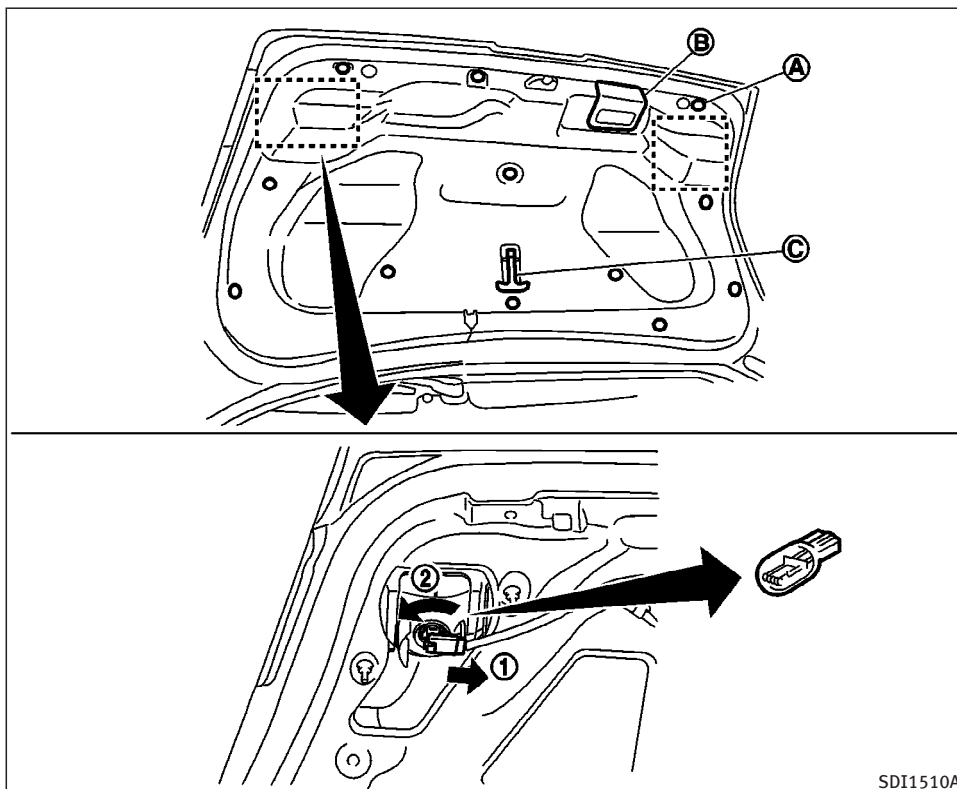
All other lights are either type A, B, C or D. When replacing a bulb, first remove the lens and/or cover.



Front side marker light



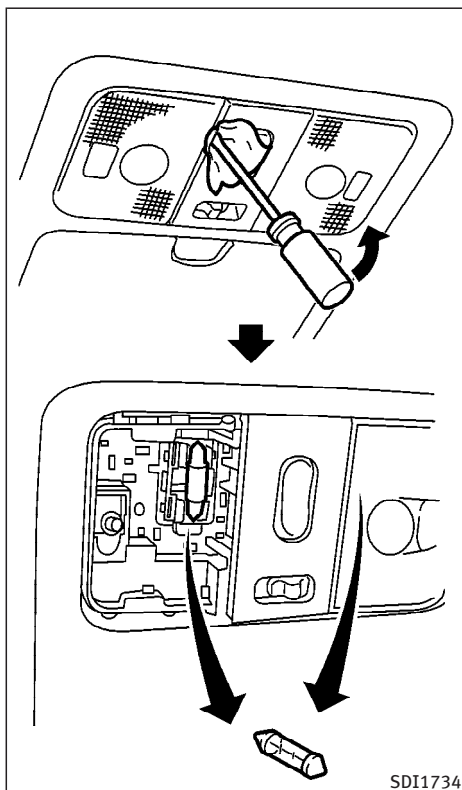
Sedan — Rear turn signal light
Maintenance and do-it-yourself 8-33



To replace a back up light

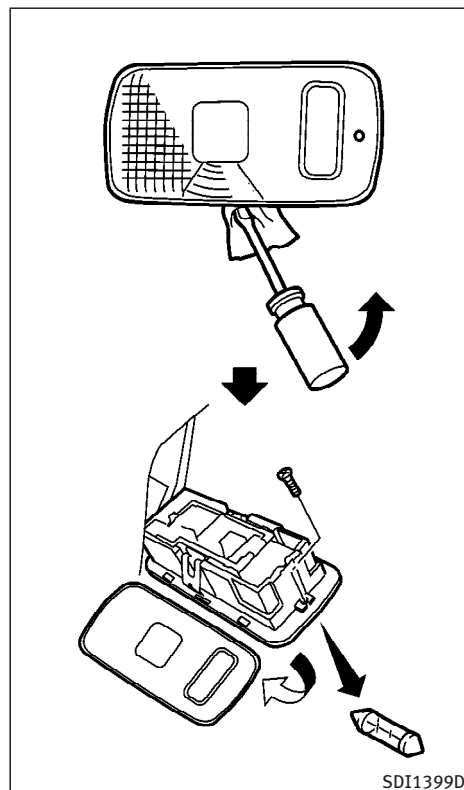
1. Remove all the clips (A), the handle (B) and inside release handle (C) to remove the trunk lid finisher.
2. Remove the connector from bulb socket (1).
3. Turn the bulb socket counterclockwise (2) and remove the bulb.

SDI1510A



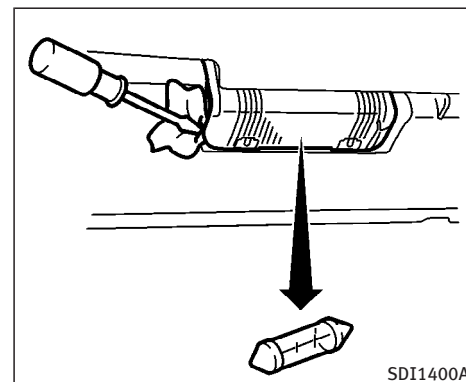
Map light

SDI1734



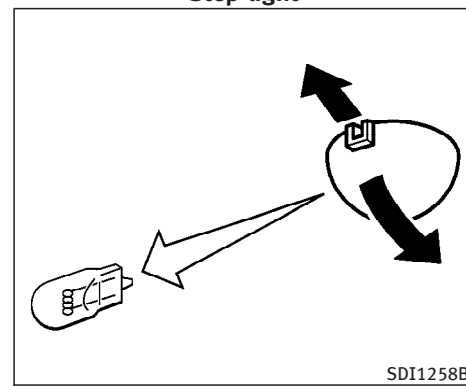
Sedan — Rear personal light

SDI1399D



SDI1400A

Step light



SDI1258B

Trunk light

WHEELS AND TIRES

TIRE PRESSURE

Low tire pressure warning system

This vehicle is equipped with the low tire pressure warning system. It monitors tire pressure of all tires except the spare. When the low tire pressure warning light is lit, one or more of your tires is significantly underinflated.

The low tire pressure warning system will activate only when the vehicle is driven at speeds above 20 MPH (32 km/h). Also, this system may not detect a sudden drop in tire pressure (for example a flat tire while driving).

For more details, refer to “Low tire pressure warning light” in the “2. Instruments and controls” section, “Low tire pressure warning system” in the “5. Starting and driving” section, and “Flat tire” in the “6. In case of emergency” section.

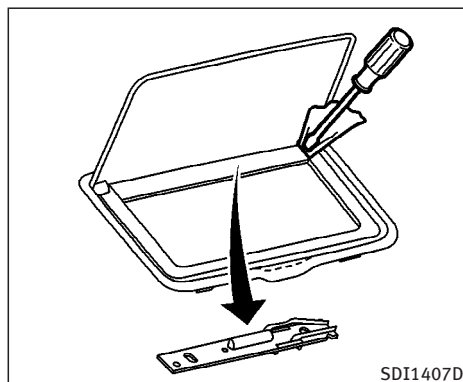
Tire inflation pressure

Check the tire pressure of the tires (including the spare) often and always prior to long distance trips. The recommended tire pressure specifications are shown on the Tire and Loading Information label under the “Recommended Cold Tire Inflation Pressure” heading. The Tire and Loading Information label is affixed to the driver side center pillar. Tire pressures should be checked regularly because:

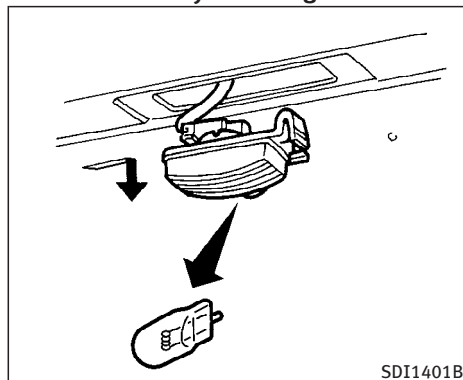
- Most tires naturally lose air over time.
- Tires can lose air suddenly when driven over potholes or other objects or if the vehicle strikes a curb while parking.

The tire pressures should be checked when the tires are cold. The tires are considered COLD after the vehicle has been parked for 3 or more hours, or driven less than 1 mile (1.6 km) at moderate speeds.

Incorrect tire pressure, including under inflation, may adversely affect tire life and vehicle handling.



Vanity mirror light



License plate light

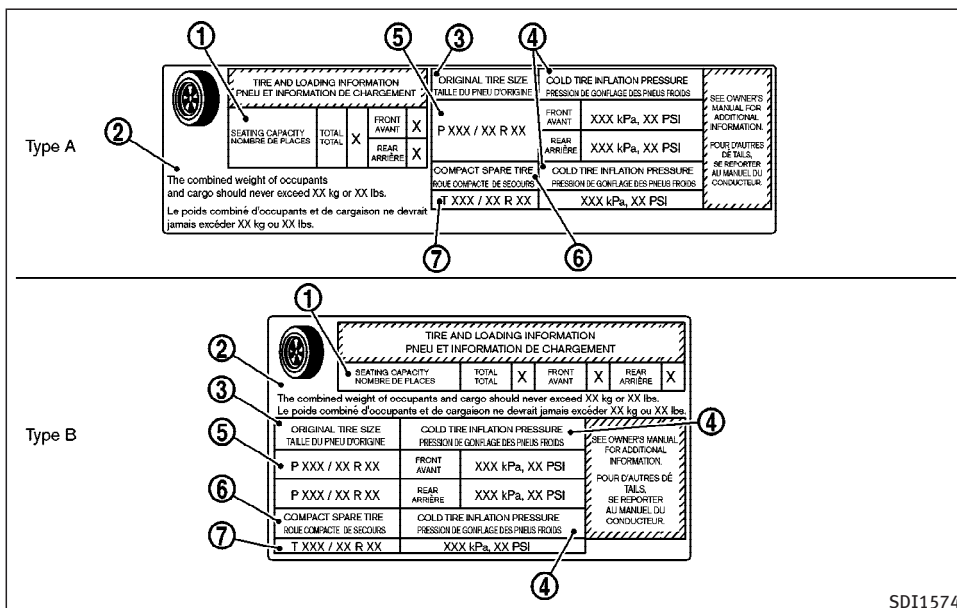


WARNING

- Improperly inflated tires can fail suddenly and cause an accident.
- The vehicle weight capacity is indicated on the Tire and Loading Information label. Do not load your vehicle beyond this capacity. Overloading your vehicle may result in reduced tire life, unsafe operating conditions due to premature tire failure, or unfavorable handling characteristics and could also lead to a serious accident. Loading beyond the specified capacity may also result in a malfunction of other vehicle components.
- Before taking a long trip, or whenever you heavily load your vehicle, use a tire pressure gauge to ensure that the tire pressures are at the specified level.
- Do not drive your vehicle over 85 MPH (137 km/h) unless it is equipped with high speed rated tires. Driving faster than 85 MPH (137 km/h) may result in

tire malfunction, loss of control and possible injury.

- For additional information regarding tires, refer to “Important Tire Safety Information” (US) or “Tire Safety Information” (Canada) in the Warranty Information Booklet.



SDI1574

Tire and loading information label

① Seating capacity: The maximum number of occupants that can be seated in the vehicle.

② Vehicle load limit: See loading information in the Technical and consumer information section.

③ Original tire size: The size of the tires originally installed on the vehicle at the factory.

④ Recommended cold tire inflation pressure: Inflate the tires to this pressure when the tires are cold. Tires are considered COLD after the vehicle has been parked for 3 or more hours, or driven less than 1 mile (1.6 km) at moderate speeds. The recommended cold tire inflation is set by the manufacturer to provide the best balance of tire wear, vehicle handling characteristics, driveability, tire noise, etc. based on the vehicle's GVWR.

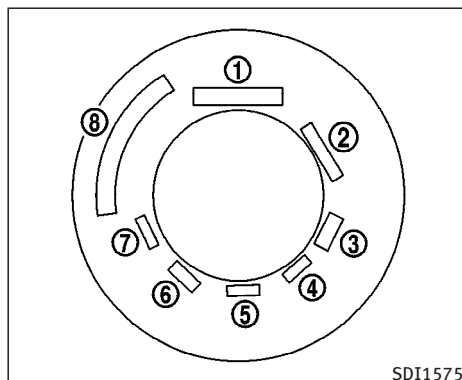
⑤ Tire size — refer to “Tire labeling” later in this section.

⑥ and ⑦ Spare tire size or compact spare tire size (if so equipped)

Checking the tire pressure

1. Remove the valve stem cap from the tire.
2. Press the pressure gauge squarely onto the valve stem. Do not press too hard or force the valve stem sideways, or air will escape. If the hissing sound of air escaping from the tire is heard while checking the pressure, reposition the gauge to eliminate this leakage.

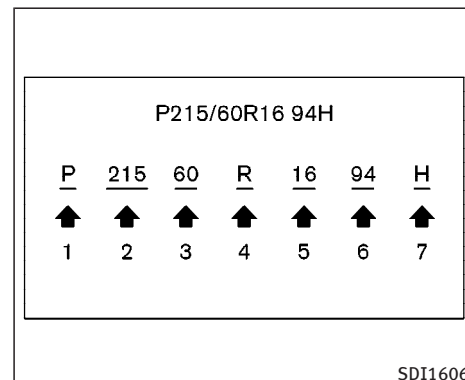
3. Remove the gauge.
4. Read the tire pressure on the gauge stem and compare it to the specification shown on the Tire and Loading Information label.
5. Add air to the tire as needed. If too much air is added, press the core of the valve stem briefly with the tip of the gauge stem to release pressure. Recheck the pressure and add or release air as needed.
6. Install the valve stem cap.
7. Check the pressure of all other tires, including the spare. (Refer to the "Wheels and tires" section)



SDI1575

TIRE LABELING

Federal law requires tire manufacturers to place standardized information on the sidewall of all tires. This information identifies and describes the fundamental characteristics of the tire and also provides the tire identification number (TIN) for safety standard certification. The TIN can be used to identify the tire in case of a recall.

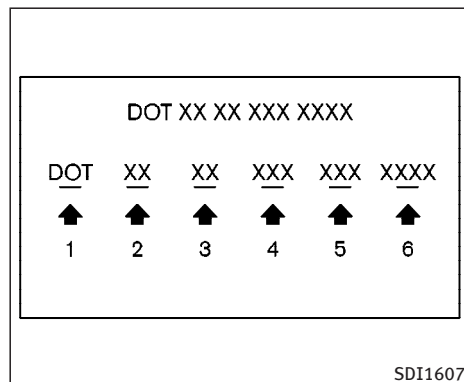


SDI1606

① Tire size (example: P215/60R16 94H)

1. P: The "P" indicates the tire is designed for passenger vehicles. (Not all tires have this information.)
2. Three-digit number (215): This number gives the width in millimeters of the tire from sidewall edge to sidewall edge.
3. Two-digit number (60): This number, known as the aspect ratio, gives the tire's ratio of height to width.
4. R: The "R" stands for radial.

5. Two-digit number (16): This number is the wheel or rim diameter in inches.
6. Two- or three-digit number (94): This number is the tire's load index. It is a measurement of how much weight each tire can support. You may not find this information on all tires because it is not required by law.
7. H: Speed Rating. The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time. The ratings range from 98 miles per hour (MPH) to 186 MPH. (You may not find this information on all tires because it is not required by law.)



- ② TIN (Tire Identification Number) for new tire (example: DOT XX XX XXX XXXX)
 1. DOT: Abbreviation for the “Department of Transportation”. The symbol can be placed above, below or to the left or right of the Tire Identification Number.
 2. Two-digit code: Manufacturer’s identification mark
 3. Two-digit code: Tire size
 4. Three-digit code: Tire type code (Optional)

5. Three-digit code: Date of Manufacture
6. Four numbers represent the week and year the tire was built. For example, the numbers 3103 means the 31st week of 2003.

- ③ **Tire ply composition and material**
The number of layers or plies of rubber-coated fabric in the tire. Tire manufacturers also must indicate the materials in the tire, which include steel, nylon, polyester, and others.
- ④ **Maximum permissible inflation pressure**
This number is the greatest amount of air pressure that should be put in the tire. Do not exceed the maximum permissible inflation pressure.
- ⑤ **Maximum load rating**
This number indicates the maximum load in kilograms and pounds that can be carried by the tire. When replacing the tires on the vehicle, always use a tire that has the same load rating as the factory installed tire.
- ⑥ **Term of “tubeless” or “tube type”**
Indicates that the tire requires an inner tube (“tube type”) or not (“tubeless”).
- ⑦ **The word “radial”**
The word “radial” is shown, if the tire has radial structure.
- ⑧ **Manufacturer or Brand name**
Manufacturer or Brand name is shown.

Other tire-related terminology

In addition to the many terms that are defined throughout this section, Intended Outboard Sidewall is (1) the sidewall that contains a whitewall, bears white lettering or bears manufacturer, brand and/or model name molding that is higher or deeper than the same molding on the other sidewall of the tire, or (2) the outward facing sidewall of an asymmetrical tire that has a particular side that must always face outward when mounted on a vehicle.

TYPES OF TIRES



WARNING

- **When changing or replacing tires, be sure all four tires are of the same type (i.e., summer, all season or snow) and construction. An INFINITI dealer may be able to help you with information about tire type, size, speed rating and availability.**
- **Replacement tires may have a lower speed rating than the factory equipped**

tires, and may not match the potential maximum vehicle speed. Never exceed the maximum speed rating of the tire.

- **For additional information regarding tires, refer to “Important Tire Safety Information” (US) or “Tire Safety Information” (Canada) in the Warranty Information Booklet.**

All season tires

INFINITI specifies all season tires on some models to provide good performance for use all year round, including snowy and icy road conditions. All season tires are identified by ALL SEASON and/or M&S on the tire sidewall. Snow tires have better snow traction than all season tires and may be more appropriate in some areas.

Summer tires

INFINITI specifies summer tires on some models to provide superior performance on dry roads. Summer tire performance is substantially reduced in snow and ice. Summer tires do not have the tire traction rating M&S on the tire sidewall.

If you plan to operate your vehicle in

snowy or icy conditions, INFINITI recommends the use of snow or all season tires on all four wheels.

Snow tires

If snow tires are needed, it is necessary to select tires equivalent in size and load rating to the original equipment tires. If you do not, it can adversely affect the safety and handling of your vehicle.

Generally, snow tires will have lower speed ratings than factory equipped tires and may not match the potential maximum vehicle speed. Never exceed the maximum speed rating of the tire.

If you operate your vehicle in snowy or icy conditions, INFINITI recommends the use of snow or all season tires on all four wheels.

For additional traction on icy roads, studded tires may be used. However, some provinces and states prohibit their use. Check local, state and provincial laws before installing studded tires. Skid and traction capabilities of studded snow tires, on wet or dry surfaces, may be poorer than that of non-studded snow tires.

All wheel drive models



CAUTION

- **Always use tires of the same type, size, brand, construction (bias, bias-belted or radial), and tread pattern on all four wheels. Failure to do so may result in a circumference difference between tires on the front and rear axles which will cause excessive tire wear and may damage the transmission, transfer case and differential gears.**
- **ONLY use spare tires specified for the AWD model.**

If excessive tire wear is found, it is recommended that all four tires be replaced with tires of the same size, brand, construction and tread pattern. The tire pressure and wheel alignment should also be checked and corrected as necessary. Contact an INFINITI dealer.

Tire chains must be installed only on the rear wheels and not on the front wheels.

Do not drive with tire chains on paved roads which are clear of snow. Driving

with chains in such conditions can cause damage to the various mechanisms of the vehicle due to some overstress.

TIRE CHAINS

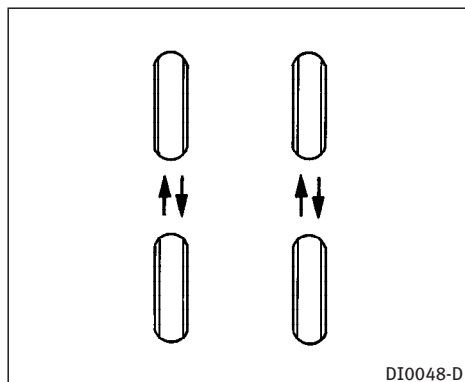
Use of tire chains may be prohibited according to location. Check the local laws before installing tire chains. When installing tire chains, make sure they are of proper size for the tires on your vehicle and are installed according to the chain manufacturer's instructions. **Use only SAE class S chains.** Class "S" chains are used on vehicles with restricted tire to vehicle clearance. Vehicles that can use Class "S" chains are designed to meet the SAE standard minimum clearances between the tire and the closest vehicle suspension or body component required to accommodate the use of a winter traction device (tire chains or cables). The minimum clearances are determined using the factory equipped tire size. Other types may damage your vehicle. Use chain tensioners when recommended by the tire chain manufacturer to ensure a tight fit. Loose end links of the tire chain must be secured or removed to prevent the possibility of whipping action damage to the fenders or undercarriage. If possible, avoid fully loading your vehicle when using tire chains. In addition, drive

at a reduced speed. Otherwise, your vehicle may be damaged and/or vehicle handling and performance may be adversely affected.

Tire chains must be installed only on the rear wheels and not on the front wheels.

Never install tire chains on a T-type spare tire (TEMPORARY USE ONLY). Do not use the chains on dry roads.

Driving with chains in such conditions can cause damage to the various mechanisms of the vehicle due to some overstress.



Sedan CHANGING WHEELS AND TIRES

Tire rotation (Sedan)

INFINITI recommends rotating the tires every 7,500 miles (12,000 km). See “Flat tire” in the “6. In case of emergency” section for tire replacing procedures.

As soon as possible, tighten the wheel nuts to the specified torque with a torque wrench.

**Wheel nut tightening torque:
80 ft-lb (108 N·m)**

The wheel nuts must be kept tightened to

specification at all times. It is recommended that wheel nuts be tightened to specification at each tire rotation interval.

Tire rotation (Coupe)

Tires cannot be rotated on this vehicle, as front tires are a different size from rear tires and the direction of the wheel rotation is fixed for each tire.

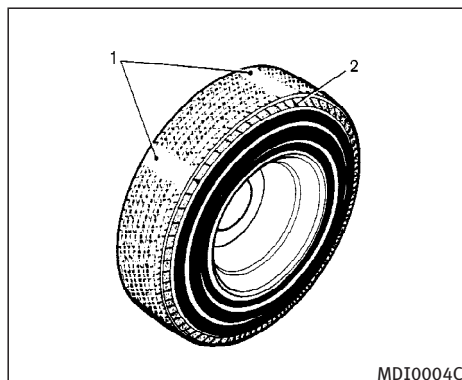
A pin is on the front brake rotor to prevent the rear wheels from being installed in place of the front wheels. The spare tire can be installed in place of the front and rear wheels. When installing the spare tire in the front wheel, the hole in the spare tire wheel must be aligned with the pin on the brake rotor.



WARNING

- After rotating the tires, check and adjust the tire pressure.
- Retighten the wheel nuts when the vehicle has been driven for 600 miles (1,000 km) (also in cases of a flat tire, etc.).

- Do not include the T-type spare tire or any other small size spare tire in the tire rotation.
- For additional information regarding tires, refer to “Important Tire Safety Information” (US) or “Tire Safety Information” (Canada) in the Warranty Information Booklet.



MDI0004C

1. Wear indicator
2. Wear indicator location mark

Tire wear and damage



WARNING

- Tires should be periodically inspected for wear, cracking, bulging or objects caught in the tread. If excessive wear, cracks, bulging or deep cuts are found, the tire(s) should be replaced.
- The original tires have built-in tread

wear indicators. When the wear indicators are visible, the tire(s) should be replaced.

- Improper service of the spare tire may result in serious personal injury. If it is necessary to repair the spare tire, contact an INFINITI dealer.
- For additional information regarding tires, refer to “Important Tire Safety Information” (US) or “Tire Safety Information” (Canada) in the Warranty Information Booklet.

Replacing wheels and tires

When replacing a tire, use the same size, speed rating and load carrying capacity as originally equipped. See “Specifications” in the “9. Technical and consumer information” section for recommended types and sizes of tires and wheels.



WARNING

- The use of tires other than those recommended or the mixed use of

tires of different brands, construction (bias, bias-belted or radial), or tread patterns can adversely affect the ride, braking, handling, ground clearance, body-to-tire clearance, tire chain clearance, speedometer calibration, headlight aim and bumper height. Some of these effects may lead to accidents and could result in serious personal injury.

- If the wheels are changed for any reason, always replace with wheels which have the same off-set dimension. Wheels of a different off-set could cause premature tire wear, degrade vehicle handling characteristics and/or interference with the brake discs. Such interference can lead to decreased braking efficiency and/or early brake pad wear.
- When a spare tire is mounted or a wheel is replaced, the low tire pressure warning system will not function. Contact an INFINITI dealer as soon as possible for tire replacement and/or system resetting. (For models with the

low tire pressure warning system)

- Do not install a deformed wheel or tire even if it has been repaired. Such wheels or tires could have structural damage and could malfunction without warning.
- The use of retread tires is not recommended.
- For additional information regarding tires, refer to “Important Tire Safety Information” (US) or “Tire Safety Information” (Canada) in the Warranty Information Booklet.



CAUTION

Always use tires of the same type, size, brand, construction (bias, bias-belted or radial), and tread pattern on all four wheels. Failure to do so may result in a circumference difference between tires on the front and rear axles which will cause excessive tire wear and may damage the transmission, transfer case and differential gears

(AWD models).

Wheel balance

Unbalanced wheels may affect vehicle handling and tire life. Even with regular use, wheels can get out of balance. Therefore, they should be balanced as required.

Wheel balance service should be performed with the wheels off the vehicle. Spin balancing the wheels on the vehicle could lead to mechanical damage.

For additional information regarding tires, refer to “Important Tire Safety Information” (US) or “Tire Safety Information” (Canada) in the INFINITI Warranty Information Booklet.

Care of wheels

- Wash the wheels when washing the vehicle to maintain their appearance.
- Clean the inner side of the wheels when the wheel is changed or the underside of the vehicle is washed.
- Do not use abrasive cleaners when washing the wheels.

- Inspect wheel rims regularly for dents or corrosion. Such damage may cause loss of pressure or poor seal at the tire bead.
- INFINITI recommends that the road wheels be waxed to protect against road salt in areas where it is used during winter.

Spare tire (TEMPORARY USE ONLY spare tire (T-type))

Observe the following precautions if the T-type spare tire must be used, otherwise your vehicle could be damaged or involved in an accident.



CAUTION

- The T-type spare tire should be used only for an emergency. It should be replaced by a standard tire at the first opportunity.
- Drive carefully while the T-type spare tire is installed.

Avoid sharp turns and abrupt braking while driving.

- Periodically check the T-type spare tire inflation pressure, and always keep it at 60 psi (420 kPa, 4.2 bar).
- With the T-type spare tire installed, do not drive your vehicle at speeds faster than 50 MPH (80 km/h).
- When driving on roads covered with snow or ice, the T-type spare tire should be used on the front wheel and the original tire used on the rear wheels (drive wheels). Use tire chains only on the rear two original tires (Sedan).
- Tire tread of the T-type spare tire will wear at a faster rate than the original tire. Replace the T-type spare tire as soon as the tread wear indicators appear.
- Do not use the T-type spare tire on other vehicles.
- Do not use more than one T-type spare tire at the same time.
- Do not tow a trailer while the T-type spare tire is installed.



CAUTION

- Do not use tire chains on a T-type spare tire. Tire chains will not fit properly on the T-type spare tire and may cause damage to the vehicle.
- Because the T-type spare tire is smaller than the original tire, ground clearance is reduced. To avoid damage to the vehicle do not drive over obstacles. Also do not drive the vehicle through an automatic car wash since it may get caught.

9 Technical and consumer information

| | | | |
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CAPACITIES AND RECOMMENDED FUEL/LUBRICANTS

The following are approximate capacities. The actual refill capacities may be slightly different. When refilling, follow the procedure instructed in the “8. Maintenance and do-it-yourself” section to determine the proper refill capacity.

| | Capacity (Approximate) | | | Recommended specifications |
|-------------------------------------|--|-------------|-------|--|
| | US measure | Imp measure | Liter | |
| Fuel*1 | 20 gal | 16-5/8 gal | 76 | |
| Engine oil*8 | | | | |
| Drain and refill | | | | |
| With oil filter change | 5 qt | 4-1/8 qt | 4.7 | <ul style="list-style-type: none"> • API Certification Mark*2, *3 • API grade SG/SH, Energy Conserving I & II or API grade SJ or SL, Energy Conserving*2, *3 • ILSAC grade GF-I, GF-II & GF-III*2, *3 |
| Without oil filter change | 4-5/8 qt | 3-7/8 qt | 4.4 | |
| Cooling system | | | | |
| With reservoir | 9-1/4 qt | 7-5/8 qt | 8.7 | Genuine Nissan Long Life Antifreeze/Coolant or equivalent |
| Reservoir | 7/8 qt | 3/5 qt | 0.8 | |
| Automatic transmission fluid | — | — | — | Genuine Nissan Matic J ATF*4 |
| Manual transmission gear oil | — | — | — | Genuine Nissan Manual Transmission Fluid (MTF) HQ Multi 75W-85 or API GL-4, Viscosity SAE 75W-85 or 75W-90 |
| Differential gear oil | — | — | — | API GL-5, Viscosity SAE 80W-90*5 |
| Transfer fluid | — | — | — | Genuine Nissan Matic D ATF (Continental U.S. and Alaska) or CANADA NISSAN Automatic Transmission Fluid*6 |
| Power steering fluid (PSF) | Refill to the proper oil level according to the instructions in the “8. Maintenance and do-it-yourself” section. | | | Genuine NISSAN PSF or equivalent*10 |
| Brake and clutch fluid | | | | Genuine Nissan Super Heavy Duty Brake Fluid*7 or equivalent DOT 3 (U.S. FMVSS No. 116) |
| Multi-purpose grease | — | — | — | NLGI No. 2 (Lithium soap base) |
| Air conditioning system refrigerant | — | — | — | HFC-134a (R-134a)*9 |
| Air conditioning system lubricants | — | — | — | NISSAN A/C System Oil Type S or exact equivalent |
| Windshield washer fluid | — | — | — | Genuine Nissan Windshield Washer Concentrate Cleaner & Antifreeze Fluid or equivalent |

*1: For additional information, see later in this section for fuel recommendation.

*2: For additional information, see later in this section for engine oil and oil filter recommendation.

*3: For additional information, see later in this section for recommended SAE viscosity number.

***4: Using automatic transmission fluid other than Genuine Nissan Matic J ATF will cause deterioration in driveability and automatic transmission durability, and may damage the automatic transmission, which is not covered by the INFINITI new vehicle limited warranty.**

*5: For hot climates, viscosity SAE 90 is suitable for ambient temperatures always above 32°F (0°C).

*6: DEXRON™ III/MERCON™ or equivalent may also be used. Outside the continental United States and Alaska contact an INFINITI dealer for more information regarding suitable fluids, including recommended brand(s) of DEXRON™ III/MERCON™ automatic transmission fluid.

*7: Available in mainland US through an INFINITI dealer.

*8: For additional information, see “Engine oil” in the “8. Maintenance and do-it-yourself” section for changing engine oil.

*9: For additional information, see “Vehicle identification” in this section for air conditioner specification label.

*10: For Canada, Nissan Automatic Transmission Fluid (ATF), DEXRON™ III/MERCON™ or equivalent ATF may also be used.

9-2 Technical and consumer information

FUEL RECOMMENDATION

Sedan — Automatic transmission models

Use unleaded regular gasoline with an octane rating of at least 87 AKI (Anti-Knock Index) number (Research octane number 91).

For improved vehicle performance, INFINITI recommends the use of unleaded premium gasoline with an octane rating of at least 91 AKI number (Research octane number 96).

Sedan — Manual transmission and Coupe models

Use unleaded premium gasoline with an octane rating of at least 91 AKI (Anti-Knock Index) number (Research octane number 96).

If premium gasoline is not available, unleaded regular gasoline with an octane rating of 87 AKI number (Research octane number 91) may be temporarily used, but only under the following precautions:

- Have the fuel tank filled only partially with unleaded regular gasoline, and fill up with unleaded premium gasoline as soon as possible.

- Avoid full throttle driving and abrupt acceleration.

However, for maximum vehicle performance, the use of unleaded premium gasoline is recommended.



CAUTION

Using a fuel other than that specified could adversely affect the emission control system, and may also affect the warranty coverage.

Under no circumstances should a leaded gasoline be used, because this will damage the three-way catalyst.

Gasoline specifications

INFINITI recommends using gasoline that meets the World-Wide Fuel Charter (WWFC) specifications where it is available. Many of the automobile manufacturers developed this specification to improve emission control system and vehicle performance. Ask your service station manager if the gasoline meets the WWFC specifications.

Reformulated gasoline

Some fuel suppliers are now producing reformulated gasolines. These gasolines are specially designed to reduce vehicle emissions. INFINITI supports efforts towards cleaner air and suggests that you use reformulated gasoline when available.

Gasoline containing oxygenates

Some fuel suppliers sell gasoline containing oxygenates such as ethanol, MTBE and methanol with or without advertising their presence. INFINITI does not recommend the use of fuels of which the oxygenate content and the fuel compatibility for your INFINITI cannot be readily determined. If in doubt, ask your service station manager.

If you use oxygenate-blend gasoline, please take the following precautions as the usage of such fuels may cause vehicle performance problems and/or fuel system damage.

- **The fuel must be unleaded and have an octane rating no lower than that recommended for unleaded gasoline.**
 - **If an oxygenate-blend, excepting a**
- Technical and consumer information 9-3

methanol blend, is used, it should contain no more than 10% oxygenate. (MTBE may, however, be added up to 15%.)

- If a methanol blend is used, it should contain no more than 5% methanol (methyl alcohol, wood alcohol). It should also contain a suitable amount of appropriate cosolvents and corrosion inhibitors. If not properly formulated with appropriate cosolvents and corrosion inhibitors, such methanol blends may cause fuel system damage and/or vehicle performance problems. At this time, sufficient data is not available to ensure that all methanol blends are suitable for use in INFINITI vehicles.

If any driveability problems such as engine stalling and hard hot starting are experienced after using oxygenate-blend fuels, immediately change to a non-oxygenate fuel or a fuel with a low blend of MTBE.

Take care not to spill gasoline during refueling. Gasoline containing oxygenates can cause paint damage.

Aftermarket fuel additives

INFINITI does not recommend the use of any aftermarket fuel additives (i.e. fuel injector cleaner, octane booster, intake valve deposit removers, etc.) which are sold commercially. Many of these additives intended for gum, varnish or deposit removal may contain active solvent or similar ingredients that can be harmful to the fuel system and engine.

Octane rating tips

Using unleaded gasoline with an octane rating lower than recommended can cause persistent, heavy spark knock. (Spark knock is a metallic rapping noise.) If severe, this can lead to engine damage. If you detect a persistent heavy spark knock even when using gasoline of the stated octane rating, or if you hear steady spark knock while holding a steady speed on level roads, have your dealer correct the condition. Failure to correct the condition is misuse of the vehicle, for which INFINITI is not responsible.

Incorrect ignition timing will result in knocking, after-run or overheating. This in turn may cause excessive fuel consumption or damage to the engine. If any of

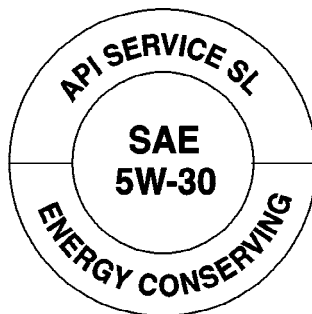
the above symptoms are encountered, have your vehicle checked at an INFINITI dealer or other competent service facility.

However, now and then you may notice light spark knock for a short time while accelerating or driving up hills. This is no cause for concern, because you get the greatest fuel benefit when there is light spark knock for a short time under heavy engine load.

API certification mark



API service symbol



STI0367

ENGINE OIL AND OIL FILTER RECOMMENDATION

Selecting the correct oil

It is essential to choose the correct quality, and viscosity oil to ensure satisfactory engine life and performance. INFINITI recommends the use of a low friction oil (energy conserving oil) in order to improve fuel economy and conserve energy. Oils which do not have the specified quality label should not be used as they could cause engine damage.

Only those engine oils with the American

Petroleum Institute (API) certification mark on the front of the container should be used. This type of oil supersedes the existing API SG, SH, or SJ and Energy Conserving I & II categories.

If you cannot find engine oil with the API certification mark, use an API grade SG/SH, Energy Conserving I & II or API grade SJ or SL, Energy conserving oil. An oil with a single designation SG or SH, or in combination with other categories (for example, SG/CC or SG/CD) may also be used if one with the API certification mark cannot be found. An ILSAC grade GF-I, GF-II, GF-III oil can also be used.

INFINITI recommends mineral based oils. These oils must however, meet the API quality and SAE viscosity ratings specified for your vehicle.

Oil additives

INFINITI does not recommend the use of oil additives. The use of an oil additive is not necessary when the proper oil type is used and maintenance intervals are followed.

Oil which may contain foreign matter or has been previously used should not be used.

Oil viscosity

The engine oil viscosity or thickness changes with temperature. Because of this, it is important that the engine oil viscosity be selected based on the temperatures at which the vehicle will be operated before the next oil change. The recommended SAE viscosity number chart shows the recommended oil viscosities for the expected ambient temperatures. Choosing an oil viscosity other than that recommended could cause serious engine damage.

Selecting the correct oil filter

Your new vehicle is equipped with a high-quality genuine NISSAN oil filter. When replacing, use the genuine oil filter or its equivalent for the reason described in change intervals.

Change intervals

The oil and oil filter change intervals for your engine are based on the use of the specified quality oils and filters. Oil and filter other than the specified quality, or oil and filter change intervals longer than recommended could reduce engine life. Damage to engines caused by improper maintenance or use of incorrect oil and filter quality and/or viscosity is not covered by the new INFINITI vehicle warranties.

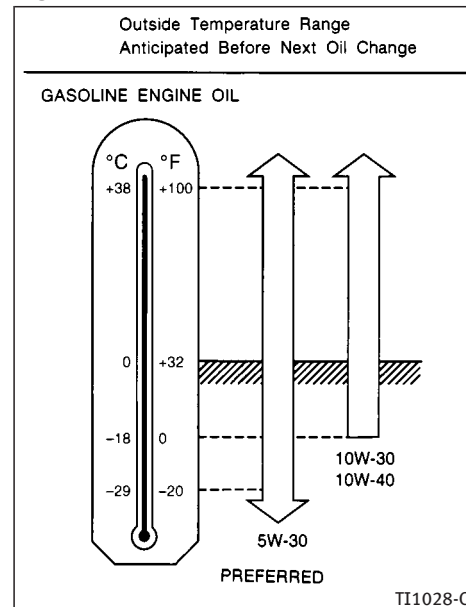
Your engine was filled with a high quality engine oil when it was built. You do not have to change the oil before the first recommended change interval. Oil and filter change intervals depend upon how you use your vehicle. Operation under the following conditions may require more frequent oil and filter changes.

- repeated short distance driving at cold outside temperatures,

- driving in dusty conditions,
- extensive idling,
- towing a trailer,
- stop and go “rush hour” traffic.
- aggressive driving

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RECOMMENDED SAE VISCOSITY NUMBER



SAE 5W-30 viscosity oil is preferred for all ambient temperatures. SAE 10W-30, 10W-40 viscosity oil may be used if the ambient temperature is above 0°F (-18°C).

AIR CONDITIONING SYSTEM REFRIGERANT AND LUBRICANT RECOMMENDATIONS

The air conditioning system in this INFINITI vehicle must be charged with the refrigerant HFC-134a (R-134a) and the lubricant, Nissan A/C System Oil Type S or the exact equivalents.



CAUTION

The use of any other refrigerant or lubricant will cause severe damage to the air conditioning system and will require the replacement of all air conditioner system components.

The refrigerant HFC-134a (R-134a) in your INFINITI vehicle will not harm the earth's ozone layer. Although this refrigerant does not affect the earth's atmosphere, certain governmental regulations require the recovery and recycling of any refrigerant during automotive air conditioning system service. An INFINITI dealer has the trained technicians and equipment needed to recover and recycle your air conditioning system refrigerant.

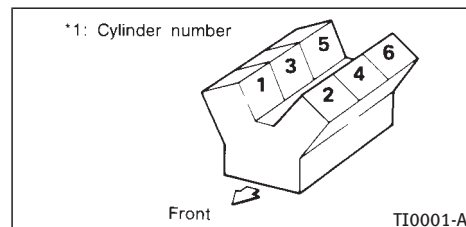
Contact an INFINITI dealer when ser-

vicing your air conditioning system.

SPECIFICATIONS

ENGINE

| Model | | VQ35DE |
|-----------------------------|--------------------------|--|
| Type | | Gasoline, 4-cycle |
| Cylinder arrangement | | 6-cylinder, V-slanted at 60° |
| Bore x Stroke | in (mm) | 3.760 x 3.205 (95.5 x 81.4) |
| Displacement | cu in (cm ³) | 213.45 (3,498) |
| Firing order | | 1-2-3-4-5-6* |
| Idle speed | rpm | |
| Ignition timing (B.T.D.C.) | degree/rpm | See the emission control label on the underside of the hood. |
| CO percentage at idle speed | [No air] % | |
| Spark plug | Standard | PLFR5A-11 |
| | Service option | PLFR4A-11, PLFR6A-11 |
| Spark plug gap (Normal) | in (mm) | 0.043 (1.1) |
| Camshaft operation | | Timing chain |



The spark ignition system of this vehicle meets all requirements of the Canadian Interference-Causing Equipment Regulations.

WHEELS AND TIRES

Road wheel

| | Type | Position | Size | Offset in (mm) |
|-------|----------|----------|-------------|----------------|
| Sedan | Aluminum | — | 17 x 7J | 1.77 (45) |
| | | — | 18 x 7-1/2J | 1.77 (45) |
| Coupe | Aluminum | Front | 17 x 7-1/2J | 1.18 (30) |
| | | Rear | 17 x 8J | 1.30 (33) |
| | | Front | 18 x 8J | 1.18 (30) |
| | | Rear | 18 x 8J | 1.18 (30) |
| | | Front | 19 x 8J | 1.18 (30) |
| | | Rear | 19 x 8-1/2J | 1.30 (33) |

Tire

| | Type | Position | Size | Pressure (Cold) |
|-------|--------------|----------|------------------|------------------|
| Sedan | Conventional | — | P215/55R17 93V | 210 kPa (30 psi) |
| | | — | 235/45R18 94W | 230 kPa (33 psi) |
| | Spare | — | T145/80D17 | 420 kPa (60 psi) |
| | | | T145/90D16*1 | 420 kPa (60 psi) |
| | | | P215/55R17 93V*2 | 210 kPa (30 psi) |
| Coupe | Conventional | Front | P225/50R17 93V | 210 kPa (30 psi) |
| | | Rear | P235/50R17 95V | 210 kPa (30 psi) |
| | | Front | 225/45R18 91W | 240 kPa (35 psi) |
| | | Rear | 245/45R18 96W | 240 kPa (35 psi) |
| | | Front | 225/40R19 89Y | 240 kPa (35 psi) |
| | | Rear | 245/40R19 94Y | 240 kPa (35 psi) |
| | Spare | — | T145/80D17 | 420 kPa (60 psi) |

*1: For AWD models

*2: Option for USA, conventional for Canada (for models with tire size P215/55R17 93V)

DIMENSIONS AND WEIGHTS

| | | Sedan | Coupe |
|-----------------------------|---------|--|----------------|
| Overall length | in (mm) | 186.9 (4,747) | 182.2 (4,628) |
| Overall width | in (mm) | 69.0 (1,753) | 71.5 (1,815) |
| Overall height | in (mm) | 57.7 (1,467)*1 | 54.8 (1,393) |
| | | 58.4 (1,484)*2 | 55.1 (1,399)*3 |
| Front tread | in (mm) | 59.1 (1,500)*1 | 60.4 (1,535) |
| | | 59.3 (1,505)*2 | |
| Rear tread | in (mm) | 59.3 (1,505) | 60.6 (1,540)*4 |
| | | | 60.8 (1,545)*5 |
| Wheelbase | in (mm) | 112.2 (2,850) | ← |
| Gross vehicle weight rating | lb (kg) | See the F.M.V.S.S. certification label on the driver's side lock pillar. | |
| Gross axle weight rating | | | |
| Front | lb (kg) | | |
| Rear | lb (kg) | | |

*1: For 2WD models

*2: For AWD models

*3: For 19 in road wheel models

*4: For models with road wheel size — 17 x 8J and 19 x 8-1/2J [offset 1.30 in (33 mm)]

*5: For models with road wheel size — 18 x 8J [offset 1.18 in (30 mm)]

WHEN TRAVELING OR REGISTERING YOUR VEHICLE IN ANOTHER COUNTRY

When planning to travel in another country, you should first find out if the fuel available is suitable for your vehicle's engine.

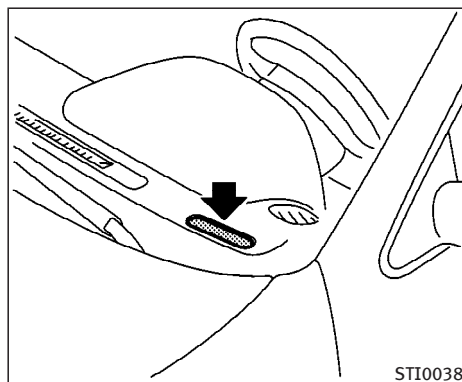
Using fuel with too low an octane rating may cause engine damage. All gasoline vehicles must be operated with unleaded engine gasoline. Therefore, avoid taking your vehicle to areas where appropriate fuel is not available.

When transferring the registration of your vehicle to another country, state, province or district, it may be necessary to modify the vehicle to meet local laws and regulations.

The laws and regulations for motor vehicle emission control and safety standards vary according to the country, state, province or district; therefore, vehicle specifications may differ.

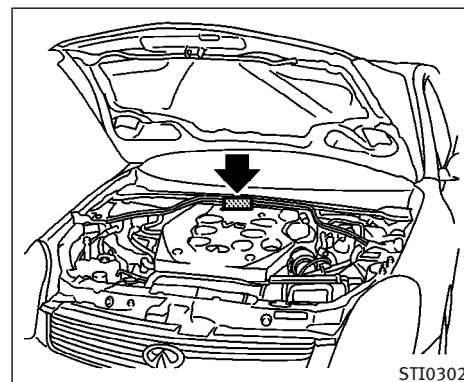
When any vehicle is to be taken into another country, state, province or district and registered, its modifications, transportation, and registration are the responsibility of the user. INFINITI is not responsible for any inconvenience that may result.

VEHICLE IDENTIFICATION



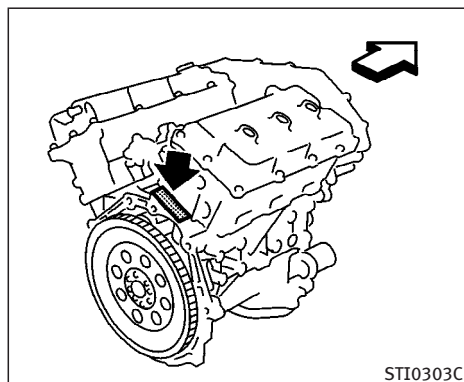
VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

The vehicle identification number plate is attached as shown. This number is the identification for your vehicle and is used in the vehicle registration.



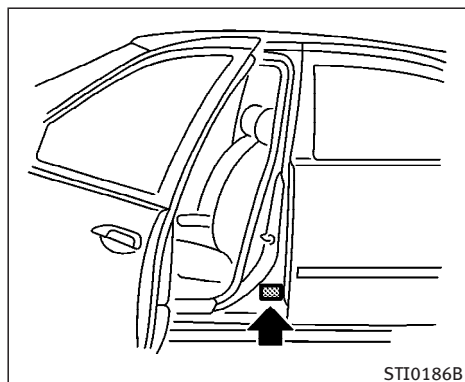
VEHICLE IDENTIFICATION NUMBER (Chassis number)

The number is stamped as shown.



ENGINE SERIAL NUMBER

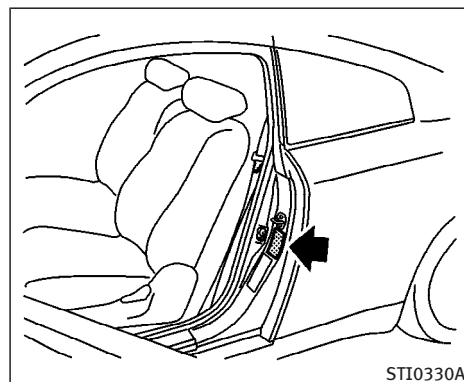
The number is stamped on the engine as shown.



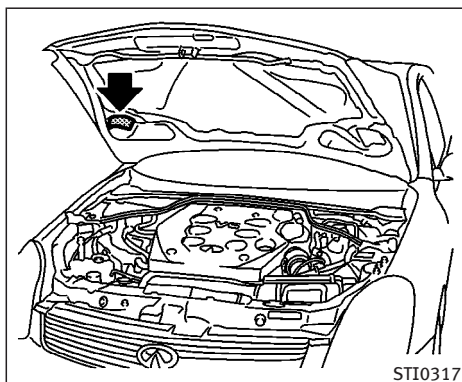
Sedan

F.M.V.S.S. CERTIFICATION LABEL

The Federal Motor Vehicle Safety Standards (F.M.V.S.S.) certification label is affixed as shown. This label contains valuable vehicle information, such as: Gross Vehicle Weight Ratings (GVWR), Gross Axle Weight Rating (GAWR), month and year of manufacture, Vehicle Identification Number (VIN), etc. Review it carefully.

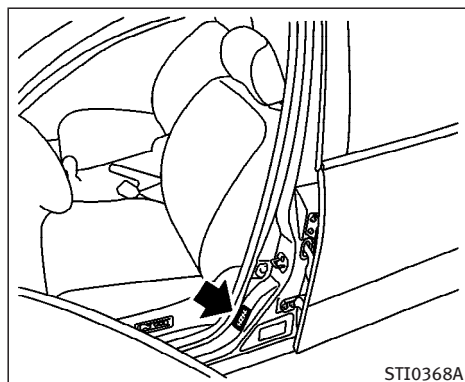


Coupe



EMISSION CONTROL INFORMATION LABEL

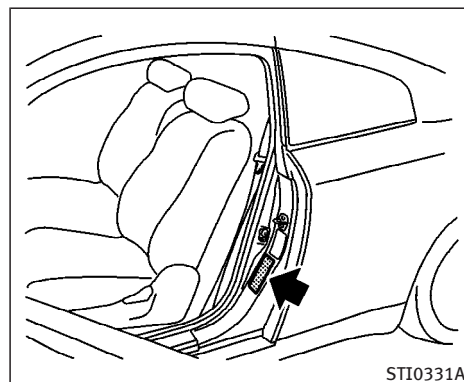
The emission control information label is attached as shown.



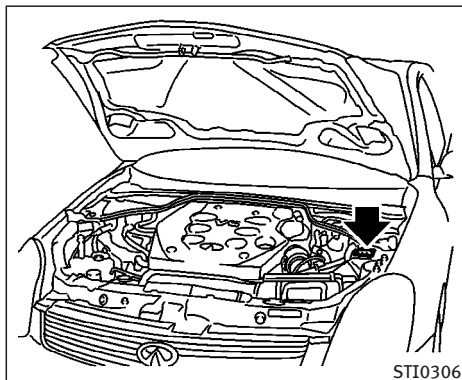
Sedan

TIRE AND LOADING INFORMATION LABEL

The cold tire pressures are shown on the Tire and Loading Information label affixed to the driver side center pillar.



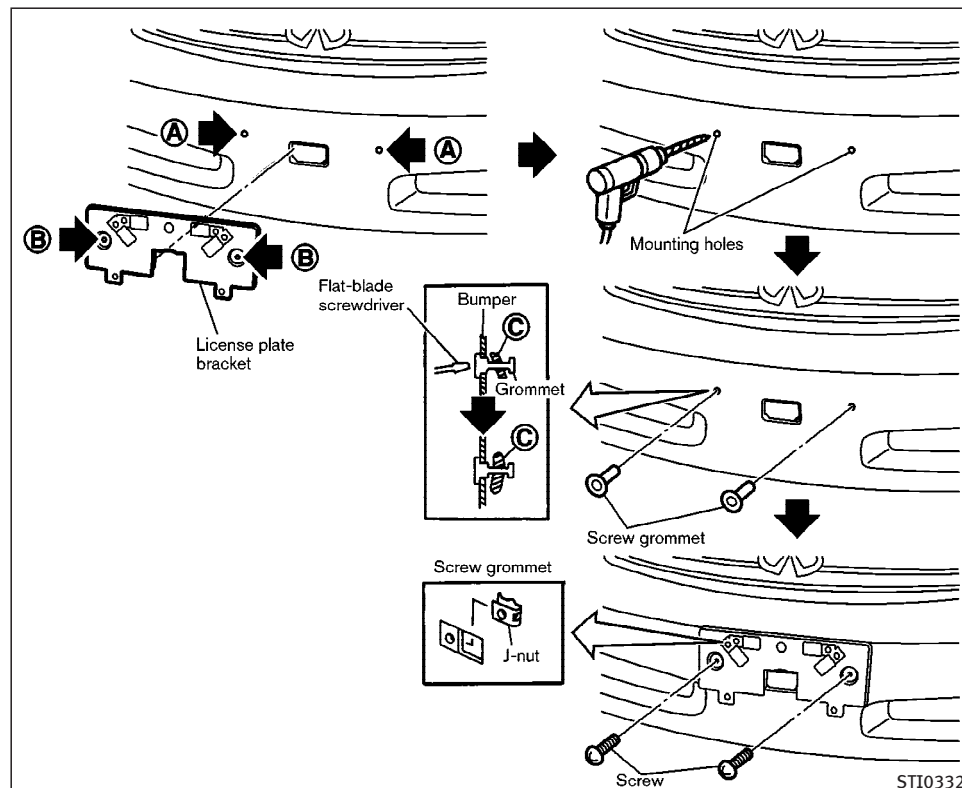
Coupe



AIR CONDITIONER SPECIFICATION LABEL

The air conditioner specification label is affixed inside of the hood as shown.

INSTALLING FRONT LICENSE PLATE



Use the following steps to mount the license plate:

Before mounting the license plate, confirm that the following parts are enclosed in the vinyl bag.

- License plate bracket
- J-nut x 2
- Screw x 2
- Screw grommet x 2

1. Temporarily place the license plate bracket and mark the pilot hole points **(A)** using holes **(B)** while aligning the towing hook hole of the front bumper fascia.
2. Remove the license plate bracket.
3. Carefully drill two pilot holes **(A)** using a 0.39 in (10 mm) drill bit at the marked locations. **(Be sure that the drill only goes through the fascia, or damage to the nut may occur.)**
4. Insert grommets into the hole on the fascia.
5. Insert a flat-blade screwdriver into the grommet hole to turn part **(C)** 90 degrees.

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6. Insert a J-nut into the license plate bracket before placing the license plate bracket on the fascia.
7. Install the license plate bracket with screws.
8. Install the license plate with bolts that are no longer than 0.55 in (14 mm).

VEHICLE LOADING INFORMATION



WARNING

- It is extremely dangerous to ride in a cargo area inside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

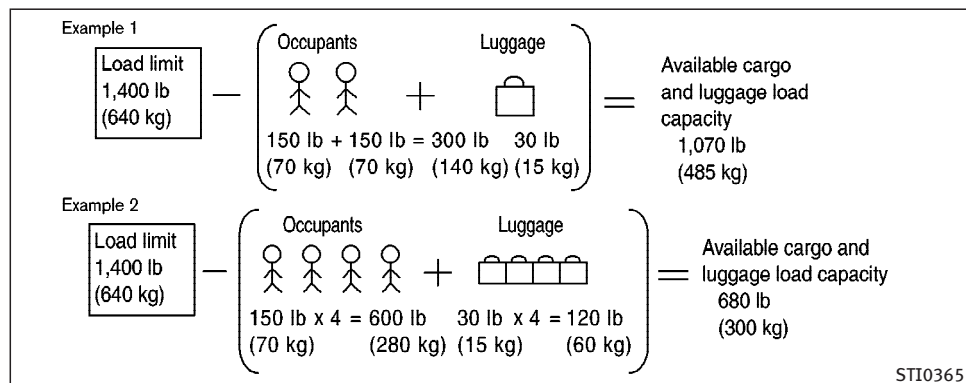
TERMS

It is important to familiarize yourself with the following terms before loading your vehicle:

- Curb Weight (actual weight of your vehicle) - vehicle weight including: standard and optional equipment, fluids, emergency tools, and spare tire assembly. This weight **does not** include passengers and cargo.
- GVW (Gross Vehicle Weight) - curb weight plus the combined weight of

passengers and cargo.

- GVWR (Gross Vehicle Weight Rating) - maximum total combined weight of the unloaded vehicle, passengers, luggage, hitch, trailer tongue load and any other optional equipment. This information is located on the F.M.V.S.S. label.
- GAWR (Gross Axle Weight Rating) - maximum weight (load) limit specified for the front or rear axle. This information is located on the F.M.V.S.S. label.
- GCWR (Gross Combined Weight Rating) - The maximum total weight rating of the vehicle, passengers, cargo, and trailer.
- Vehicle Capacity Weight, Load limit, Total load capacity - maximum total weight limit specified of the load (passengers and cargo) for the vehicle. This is the maximum combined weight of occupants and cargo that can be loaded into the vehicle. If the vehicle is used to tow a trailer, the trailer tongue weight must be included as part of the cargo load. This information is located on the Tire and Loading Information label.
- Cargo capacity - permissible weight of cargo, the subtracted weight of occupants from the load limit.



VEHICLE LOAD CAPACITY

Do not exceed the load limit of your vehicle shown as “The combined weight of occupants and cargo” on the Tire and Loading Information label. Do not exceed the number of occupants shown as “Seating Capacity” on the Tire and Loading Information label.

To get “the combined weight of occupants and cargo”, add the weight of all occupants, then add the total luggage weight to the value. Examples are shown in the illustration.

Steps for determining correct load limit

- (1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kilograms or XXX pounds” on your vehicle’s placard.
- (2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- (3) Subtract the combined weight of the driver and passengers from XXX kilograms or XXX pounds.

(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the “XXX” amount equals 1,400 lbs. and there will be five 150 lb. passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. [1,400 – 750 (5 x 150) = 650 lbs.]

(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. For safety, that weight must not exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

LOADING TIPS

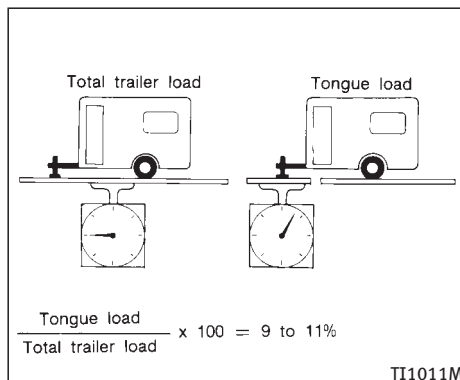
- The GVW must not exceed GVWR or GAWR as specified on the F.M.V.S.S. certification label.
- Do not load the front and rear axle to the GAWR. Doing so will exceed the GVWR.

TOWING A TRAILER



WARNING

- Properly secure all cargo to help prevent it from sliding or shifting. Do not place cargo higher than the seatbacks. In a sudden stop or collision, unsecured cargo could cause personal injury.
- Do not load your vehicle any heavier than the GVWR or the maximum front and rear GAWRs. If you do, parts of your vehicle can break, tire damage could occur, or it can change the way your vehicle handles. This could result in loss of control and cause personal injury.
- Overloading not only could shorten the life of your vehicle and the tires, but also could lead to hazardous vehicle handling and long braking distance. This may cause a premature tire malfunction, which could result in a serious accident and personal injury. Failures caused by overloading are not covered by the vehicle's warranty.



WARNING

Overloading or improper loading of a trailer and its cargo can adversely affect vehicle handling, braking and performance and may lead to accidents.



CAUTION

- Do not tow a trailer or haul a heavy load for the first 500 miles (800 km).

Your engine, axle or other parts could be damaged.

- For the first 500 miles (800 km) that you tow a trailer, do not drive over 50 mph (80 km/h) and do not make starts at full throttle. This helps the engine and other parts of your vehicle wear in at the heavier loads.

A new vehicle was designed to be used primarily to carry passengers and cargo. Remember that towing a trailer will place additional loads on a vehicle's engine, drive train, steering, braking and other systems.

MAXIMUM LOAD LIMITS

Maximum trailer loads

Never allow the total trailer load to exceed the value specified in the Towing Load/Specification Chart found later in this section. The total trailer load equals trailer weight plus its cargo weight.

Towing loads greater than specified or using improper towing equipment could adversely affect vehicle handling, braking and performance. The ability of a vehicle to tow a trailer is not only related to the maxi-

mum trailer loads, but also the places you plan to tow. Tow weights appropriate for level highway driving may have to be reduced on very steep grades or in low traction situations (for example, on slippery boat ramps).

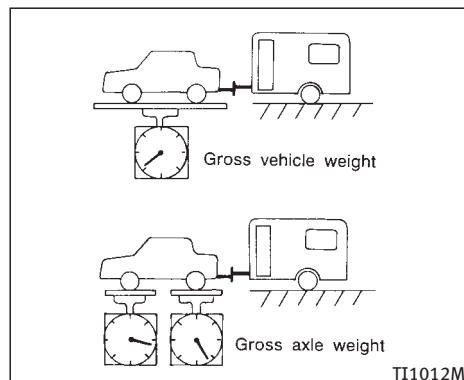


CAUTION

Vehicle damage resulting from improper towing procedures are not covered by INFINITI warranties.

Tongue load

Keep the tongue load between 9 and 11% of the total trailer load within the maximum tongue load limits shown in the following Towing Load/Specification Chart. If the tongue load becomes excessive, rearrange cargo to allow for proper tongue load.



Maximum gross vehicle weight/ maximum gross axle weight

The gross vehicle weight of the towing vehicle must not exceed the gross vehicle weight rating (GVWR) shown on the F.M.V.S.S. certification label. The gross vehicle weight equals the combined weight of the unloaded vehicle, passengers, luggage, hitch, trailer tongue load and any other optional equipment. In addition, front or rear gross axle weight must not exceed GAWR shown on the F.M.V.S.S. certification label.

TOWING LOAD/SPECIFICATION

| TOWING LOAD/SPECIFICATION CHART Unit: lb (kg) | |
|--|-------------|
| MAXIMUM TOWING LOAD | 1,000 (454) |
| MAXIMUM TONGUE LOAD | 100 (45.4) |

TOWING SAFETY

Trailer hitch

Choose a proper hitch for a vehicle and trailer. Make sure the trailer hitch is securely attached to the vehicle, to help avoid personal injury or property damage due to sway caused by crosswinds, rough road surfaces or passing trucks.

Hitch ball

Choose a hitch ball of the proper size and weight rating for a trailer:

- The required hitch ball size is stamped on most trailer couplers. Most hitch balls also have the size printed on top of the ball.
- Choose the proper class hitch ball based on the trailer weight.

- The diameter of the threaded shank of the hitch ball must be matched to the ball mount hole diameter. The hitch ball shank should be no more than 1/16" smaller than the hole in the ball mount.
- The threaded shank of the hitch ball must be long enough to be properly secured to the ball mount. There should be at least 2 threads showing beyond the lock washer and nut.

Class I hitch

Class I trailer hitch equipment (receiver, ball mount and hitch ball) can be used to tow trailers of a maximum weight of 2,000 lb (909 kg).

You may add Class I trailer hitch equipment to the vehicle that has a 2,000 lb (909 kg) maximum weight rating, but your vehicle is only capable of towing the maximum trailer weights shown in the Towing Load/Specification Chart earlier in this section.



CAUTION

- Do not use axle-mounted hitches.
- The hitch should not be attached to or affect the operation of the impact-absorbing bumper.
- Do not modify the vehicle exhaust system, brake system, etc. to install a trailer hitch.
- To reduce the possibility of additional damage if your vehicle is struck from the rear, where practical, remove the hitch and/or receiver when not in use.
- After the hitch is removed, seal the bolt holes to prevent exhaust fumes, water or dust from entering the passenger compartment.
- Regularly check that all trailer hitch mounting bolts are securely mounted.

Tire pressures

- When towing a trailer, inflate the vehicle tires to the recommended cold tire pressure indicated on the Tire and

Loading Information label (located on the driver side center pillar).

- Trailer tire condition, size, load rating and proper inflation pressure should be in accordance with the trailer and tire manufacturers' specifications.

Safety chain

Always use a suitable chains between your vehicle and the trailer. The safety chains should be crossed and should be attached to the hitch, not to the vehicle bumper or axle. Be sure to leave enough slack in the chains to permit turning corners.

Trailer lights



CAUTION

When splicing into the vehicle electrical system, a commercially available power-type module/converter must be used to provide power for all trailer lighting. This unit uses the vehicle battery as a direct power source for all trailer lights while using the vehicle tail light, stoplight and turn

signal circuits as a signal source. The module/converter must draw no more than 15 milliamps from the stop and tail lamp circuits. Using a module/converter that exceeds these power requirements may damage the vehicle's electrical system. See a reputable trailer dealer to obtain the proper equipment and to have it installed.

Trailer lights should comply with federal and/or local regulations. For assistance in hooking up trailer lights, contact an INFINITI dealer or reputable trailer dealer.

Trailer brakes

If your trailer is equipped with a braking system, make sure it conforms to federal and/or local regulations and that it is properly installed.



WARNING

Never connect a trailer brake system directly to the vehicle brake system.

Pre-towing tips

- Be certain your vehicle maintains a level position when a loaded and/or unloaded trailer is hitched. Do not drive the vehicle if it has an abnormal nose-up or nose-down condition; check for improper tongue load, overload, worn suspension or other possible causes of either condition.
- Always secure items in the trailer to prevent load shifts while driving.
- Load the trailer so approximately 60% of the trailer load is in the front half and 40% is in the back half.
- Check your hitch, trailer tire pressure, vehicle tire pressure, trailer light operation, and trailer wheel lug nuts every time you attach a trailer to the vehicle.
- Be certain your rear view mirrors conform to all federal, state or local regulations. If not, install any mirrors required for towing before driving the vehicle.

Trailer towing tips

In order to gain skill and an understanding of the vehicle's behavior, you

should practice turning, stopping and backing up in an area which is free from traffic. Steering stability, and braking performance will be somewhat different than under normal driving conditions.

- Always secure items in the trailer to prevent load shift while driving.
- Avoid abrupt starts, acceleration or stops.
- Avoid sharp turns or lane changes.
- Always drive your vehicle at a moderate speed. Some states or provinces have specific speed limits for vehicles that are towing trailers. Obey the local speed limits.
- When backing up, hold the bottom of the steering wheel with one hand. Move your hand in the direction in which you want the trailer to go. Make small corrections and back up slowly. If possible, have someone guide you when you are backing up.
- Always block the wheels on both vehicle and trailer when parking. Parking on a slope is not recommended; however, if you must do so, and if your vehicle is equipped with automatic transmission, first apply the parking

brake and block the wheels, and then move the transmission selector lever into the P (Park) position. If you move the selector lever to the P (Park) position before applying the parking brake and blocking the wheels, transmission damage could occur.

- When going down a hill, shift into a lower gear and use the engine braking effect. When going up a long grade, downshift the transmission to a lower gear and reduce speed to reduce chances of engine overloading and/or overheating. However, for long steep grades, do not stay in 1st or 2nd gear when driving above 35 MPH (56 km/h).
- If the engine coolant rises to an extremely high temperature when the air conditioning system is on, turn off the air conditioner. Coolant heat can be additionally vented by opening the windows, switching the fan control to high and setting the temperature control to the HOT position.
- Trailer towing requires more fuel than normal circumstances.
- Avoid towing a trailer for the first 500 miles (800 km).

- Have your vehicle serviced more often than at intervals specified in the recommended maintenance schedule in the INFINITI Service and Maintenance Guide.
- When making a turn, your trailer wheels will be closer to the inside of the turn than your vehicle wheels. To compensate for this, make a larger than normal turning radius during the turn.
- Crosswinds and rough roads will adversely affect vehicle/trailer handling, possibly causing vehicle sway. When being passed by larger vehicles, be prepared for possible changes in crosswinds that could affect vehicle handling. If swaying does occur, firmly grip the steering wheel, steer straight ahead, and immediately (but gradually) reduce vehicle speed. This combination will help stabilize the vehicle. Never increase speed.
- Be careful when passing other vehicles. Passing while towing a trailer requires considerably more distance than normal passing. Remember the length of the trailer must also pass

the other vehicle before you can safely change lanes.

- To maintain engine braking efficiency and electrical charging performance, do not use sixth gear (manual transmission) or fifth position (automatic transmission).
- Avoid holding the brake pedal down too long or too frequently. This could cause the brakes to overheat, resulting in reduced braking efficiency.
- Increase your following distance to allow for greater stopping distances while towing a trailer. Anticipate stops and brake gradually.
- Do not use cruise control while towing a trailer.
- Check your hitch, trailer wiring harness connections, and trailer wheel lug nuts after 50 miles (80 km) of travel and at every break.
- When stopped in traffic for long periods of time in hot weather, put the vehicle in the P (Park) position.

When towing a trailer, transmission oil/fluid should be changed more frequently.

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For additional information, see the “8. Maintenance and do-it-yourself” section earlier in this manual.

FLAT TOWING

Towing your vehicle with all four wheels on the ground is sometimes called flat towing. This method is sometimes used when towing a vehicle behind a recreational vehicle, such as a motor home.



CAUTION

- **Failure to follow these guidelines can result in severe transmission damage.**
- **Whenever flat towing your vehicle, always tow forward, never backward.**
- **DO NOT tow any automatic transmission vehicle with all four wheels on the ground (flat towing). Doing so WILL DAMAGE internal transmission parts due to lack of transmission lubrication.**
- **For emergency towing procedures refer to “Towing recommended by INFINITI” in the “6. In case of emergency” section of this manual.**

Automatic transmission

To tow a vehicle equipped with an automatic transmission, an appropriate vehicle dolly **MUST** be placed under the towed vehicle's drive wheels. **Always** follow the dolly manufacturer's recommendations when using their product.

Manual transmission

- Always tow with the manual transmission in Neutral.
- After towing 500 miles, start and idle the engine with the transmission in Neutral for two minutes. Failure to idle the engine after every 500 miles of towing may cause damage to the transmission's internal parts.

UNIFORM TIRE QUALITY GRADING

DOT (Department Of Transportation) Quality Grades: All passenger car tires must conform to federal safety requirements in addition to these grades.

Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width. For example:

Treadwear 200 Traction AA Temperature A
Treadwear

Treadwear grade is a comparative rating based on tire wear rate when tested under controlled conditions on specified government test courses. For example, a tire graded 150 would wear one and a half (1-1/2) times as well on the government course as a tire graded 100. However, relative tire performance depends on actual driving conditions, and may vary significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction AA, A, B and C

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet

pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.



WARNING

The traction grade assigned to your vehicle tires is based on straight-ahead braking traction tests and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature A, B and C

Temperature grades are A (the highest), B, and C. They represent a tire's resistance to heat build-up, and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause tire material to degenerate, reducing tire life. Excessive temperatures can lead to sudden tire failure. Grade C corresponds to a performance level which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades A and B represent higher levels of perfor-

mance on laboratory test wheels than the minimum required by law.



WARNING

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat build-up and possible tire failure.

EMISSION CONTROL SYSTEM WARRANTY

Your INFINITI is covered by the following emission warranties.

For US:

- Emission Defects Warranty
- Emissions Performance Warranty
(See Warranty Information Booklet for details.)

For Canada:

Emission Control System Warranty

Details of these warranties may be found with other vehicle warranties in your Warranty Information Booklet (Warranty and Roadside Assistance Information (Canada only)) that comes with your INFINITI. If you did not receive a Warranty Information Booklet (Warranty and Roadside Assistance Information (Canada only)), or it has become lost, you may obtain a replacement by writing to:

- INFINITI Division
Nissan North America, Inc.
Consumer Affairs Department
P.O. Box 47038, Gardena, CA 90247-6838
- Nissan Canada Inc.
5290 Orbitor Drive
Mississauga, Ontario, L4W 4Z5

9-24 Technical and consumer information

REPORTING SAFETY DEFECTS (US only)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying INFINITI.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or INFINITI.

To contact NHTSA, you may call the Auto Safety Hotline toll-free at 1-888-327-4236. You may also write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from the Hotline.

You may notify INFINITI by contacting our Consumer Affairs Department, toll-free, at 1-800-662-6200.

READINESS FOR INSPECTION/ MAINTENANCE (I/M) TEST (US only)

A vehicle equipped with All-Wheel Drive (AWD) should never be tested using a two wheel dynamometer (such as the dynamometers used by some states for emissions testing), or similar equipment. Make sure you inform test facility personnel that your vehicle is equipped with AWD before it is placed on a dynamometer. Using the wrong test equipment may result in transmission damage or unexpected vehicle movement which could result in serious vehicle damage or personal injury.

Due to legal requirements in some states/areas, your vehicle may be required to be in what is called the “ready condition” for an Inspection/Maintenance (I/M) test of the emission control system.

The vehicle is set to the “ready condition” when it is driven through certain driving patterns. Usually, the “ready condition” can be obtained by ordinary usage of the vehicle.

If a powertrain system component is repaired or the battery is disconnected, the vehicle may be reset to a not “ready condition”. Before taking the I/M test, check the vehicle’s inspection/maintenance test readiness condition. Turn the ignition

switch ON without starting the engine. If the Malfunction Indicator Lamp (MIL) comes on steady for 20 seconds and then blinks for 10 seconds, the I/M test condition is “not ready”. If the MIL does not blink after 20 seconds, the I/M test condition is “ready”. If the MIL indicates the vehicle is in a “not ready” condition, drive the vehicle through the following pattern to set the vehicle to the ready condition. If you cannot or do not want to perform the driving pattern, an INFINITI dealer can conduct it for you.



WARNING

Always drive the vehicle in a safe and prudent manner according to traffic conditions and obey all traffic laws.

1. Start the engine. Allow the engine to idle until the engine coolant temperature gauge needle points between the C and H (normal operating temperature).
2. Accelerate the vehicle to 55 MPH (88 km/h), then quickly release the accelerator pedal completely and keep it released for at least 10 seconds.

3. Quickly depress the accelerator pedal for a moment, then drive the vehicle at a speed of 53 to 60 MPH (86 to 96 km/h) for at least 9 minutes.
4. Stop the vehicle. Leave the engine running.
5. Accelerate the vehicle to 35 MPH (55 km/h) and maintain the speed for 20 seconds.
6. Repeat steps 4 and 5 at least 10 times.
7. Accelerate the vehicle to 55 MPH (88 km/h) and maintain the speed for at least 3 minutes.
8. Stop the vehicle. Place the automatic transmission selector lever in the “P” or “N” position or the manual transmission shift lever in the “N” position.
9. Turn the engine off.
10. Repeat steps 1 through 8 at least one more time.

If step 1 through 7 is interrupted, repeat the preceding step. Any safe driving mode is acceptable between steps. Do not stop the engine until step 7 is completed.

EVENT DATA RECORDERS

Your vehicle is equipped with a variety of computers that monitor and control a number of systems to optimize performance and help service technicians with diagnosis and repair. Depending on the equipment on your vehicle, some of the computers monitor emission control systems, braking systems and air bag systems, just to name a few. Some data about vehicle operation may be stored in the computers for use during servicing. Other data may be stored if a crash event occurs. For example, air bag readiness, air bag performance, and seat belt use by the driver or passenger may be recorded, depending on vehicle equipment. These types of systems are sometimes called Event Data Recorders.

Special equipment can be used to access the electronic data that may be stored in the vehicle's computers (sounds are not recorded). INFINITI and INFINITI dealers have equipment to access some of this data; others may also have this equipment. The data may be retrieved during routine vehicle servicing or for special research. It might also be accessed with the consent of the vehicle owner or lessee, in response to a request by law enforcement, or as otherwise required or permitted by law.

OWNER'S MANUAL/SERVICE MANUAL ORDER INFORMATION

A genuine INFINITI Service Manual is the best source of service and repair information for your vehicle. Filled with wiring diagrams, illustrations and step-by-step diagnostic and adjustment procedures, this manual is the same one used by the factory trained technicians working at an INFINITI dealer. Also available are genuine INFINITI Owner's Manuals, and genuine INFINITI Service and Owner's Manuals for older INFINITI models.

In the USA:

For current pricing and availability of genuine **INFINITI Service Manuals** for the 2000 model year and later, contact:

Tweddle Litho Company
1-800-450-9491
www.nissan-techinfo.com

For current pricing and availability of genuine **INFINITI Service Manuals** for the 1999 model year and prior, see an INFINITI dealer, or contact:

Resolve Corporation
20770 Westwood Road
Strongsville, OH 44136
1-800-247-5321

For current pricing and availability of genuine **INFINITI Owner's Manuals** for 9-26 Technical and consumer information

the 2005 model year and prior, see an INFINITI dealer, or contact:

Resolve Corporation
20770 Westwood Road
Strongsville, OH 44136
1-800-247-5321

In Canada:

To purchase a copy of a genuine INFINITI Service Manual or Owner's Manual please contact an INFINITI dealer. For the phone number and location of an INFINITI dealer in your area call the INFINITI Satisfaction Center at 1-800-361-4792 and a bilingual INFINITI representative will assist you.

Also available are genuine INFINITI Service and Owner's Manuals for older INFINITI models.

IN THE EVENT OF A COLLISION

Unfortunately, accidents do occur. In this unlikely event, there is some important information you should know. Many insurance companies routinely authorize the use of non-genuine collision parts in order to cut costs, among other reasons.

Insist on the use of Genuine Infiniti Collision Parts!

If you want your vehicle to be restored using parts made to INFINITI's original exacting specifications — if you want to help it to last and hold its resale value, the solution is simple. **Tell your insurance agent and your repair shop to only use Genuine Infiniti Collision Parts.** INFINITI does not warrant non-Infiniti parts, nor does Infiniti's warranty apply to damage caused by a non-genuine parts.

Using Genuine Infiniti Parts can help protect your personal safety, preserve your warranty protection and maintain the resale value of your vehicle. And if your vehicle was leased, using Genuine Infiniti Parts may prevent or limit unnecessary excess wear and tear expenses at the end of your lease.

INFINITI designs its hoods with crumple zones to minimize the risk that the hood will penetrate the windshield of your vehicle in an accident. Non-genuine (imitation) parts may not provide such built in safety features. Also, non-genuine parts often show premature wear, rust and corrosion.

Why should you take a chance?

In over 40 states, the law says you must be advised if non-genuine parts are used to repair your vehicle. And some states/provinces have enacted laws that restrict insurance companies from authorizing the use of non-genuine collision parts during the new vehicle warranty. These laws help protect you, so you can take action to protect yourself.

It's your right!

If you should need further information visit us at:

www.infiniti.com (for U.S. customers) or
www.infiniticanada.ca (for Canadian customers)

MEMO

MEMO

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GAS STATION INFORMATION

FUEL RECOMMENDATION:

Sedan models

Use unleaded regular gasoline with an octane rating of at least 87 AKI (Anti-Knock Index) number (Research octane number 91).

For improved vehicle performance, INFINITI recommends the use of unleaded premium gasoline with an octane rating of at least 91 AKI number (Research octane number 96).

Coupe models

Use unleaded premium gasoline with an octane rating of at least 91 AKI (Anti-Knock Index) number (Research octane number 96).

If premium gasoline is not available, unleaded regular gasoline with an octane rating of 87 AKI number (Research octane number 91) may be temporarily used, but only under the following precautions:

- Have the fuel tank filled only partially with unleaded regular gasoline, and fill up with unleaded premium gasoline as soon as possible.
- Avoid full throttle driving and abrupt acceleration.

However, for maximum vehicle performance, the use of unleaded premium gasoline is recommended.



CAUTION

Using a fuel other than that specified could adversely affect the emission control system, and may also affect the warranty coverage.

Under no circumstances should a leaded gasoline be used, because this will damage the three-way catalyst.

For additional information, see “Capacities and recommended fuel/lubricants” in the “9. Technical and consumer information” section.

ENGINE OIL RECOMMENDATION:

- API Certification Mark
- API grade SG/SH, Energy Conserving I & II or API grade SJ or SL, Energy Conserving
- ILSAC grade GF-I, GF-II & GF-III
- SAE 5W-30 viscosity oil is preferred for all ambient temperatures. SAE 10W-30 viscosity oil may be used for

ambient temperatures above 0°F (–18°C).

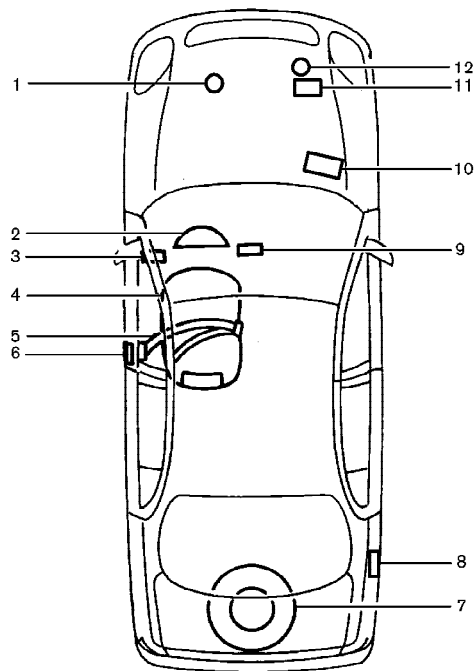
See “Capacities and recommended fuel/lubricants” in the “9. Technical and consumer information” section for engine oil and oil filter recommendation.

COLD TIRE PRESSURES:

See Tire and Loading Information label affixed to the inside of the driver side center pillar.

NEW VEHICLE BREAK-IN PROCEDURES RECOMMENDATION:

During the first 1,200 miles (2,000 km) of vehicle use, follow the recommendations outlined in the “Break-in schedule” Information found in the “5. Starting and driving” section of this Owner’s Manual. Follow these recommendations for the future reliability and economy of your new vehicle.



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