

Owner's Identification

OWNER _____

ADDRESS _____
STREET

_____ CITY STATE/PROVINCE ZIP CODE/
POSTAL CODE

V. I. N. _____

DELIVERY DATE _____
(Date sold to original retail purchaser)

DEALER NAME _____ DEALER NO. _____

ADDRESS _____
STREET

_____ CITY STATE/PROVINCE ZIP CODE/
POSTAL CODE

OWNER'S SIGNATURE _____

DEALER'S SIGNATURE _____

This Owner's Manual should be considered a permanent part of the vehicle and should remain with the vehicle when it is sold.

This Owner's Manual covers all models of the Acura EL. You may find descriptions of equipment and features that are not on your particular model.

The information and specifications included in this publication were in effect at the time of approval for printing. Honda Motor Co., Ltd. reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatsoever.

POUR CLIENTS CANADIEN
AVIS IMPORTANT: Si vous avez
besoin d'un Manuel du Conducteur
en français, veuillez demander à
votre concessionnaire de
commander le numéro de pièce
33S5NC30

Congratulations! Your selection of a 2005 Acura EL was a wise investment. It will give you years of driving pleasure.

One of the best ways to enhance the enjoyment of your new Acura is to read this manual. In it, you will learn how to operate its driving controls and convenience items. Afterwards, keep this owner's manual in your vehicle so you can refer to it at any time.

Several warranties protect your new Acura. Read the warranty booklet thoroughly so you understand the coverages and are aware of your rights and responsibilities.

Maintaining your vehicle according to the schedules given in this manual helps to keep your driving trouble-free while it preserves your investment. When your vehicle needs maintenance, keep in mind that your Acura dealer's staff is specially trained in servicing the many systems unique to your Acura. Your Acura dealer is dedicated to your satisfaction and will be pleased to answer any questions and concerns.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. This information is intended to help you avoid damage to your Acura, other property, or the environment.


A Few Words About Safety

Your safety, and the safety of others, is very important. And operating this vehicle safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining your vehicle. You must use your own good judgement.

You will find this important safety information in a variety of forms, including:

- **Safety Labels** — on the vehicle.
- **Safety Messages** — preceded by a safety alert symbol  and one of three signal words: **DANGER**, **WARNING**, or **CAUTION**.

These signal words mean:

 **DANGER**

You **WILL** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

 **WARNING**

You **CAN** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

 **CAUTION**

You **CAN** be **HURT** if you don't follow instructions.

- **Safety Headings** — such as Important Safety Reminders or Important Safety Precautions.
- **Safety Section** — such as Driver and Passenger Safety.
- **Instructions** — how to use this vehicle correctly and safely.

This entire book is filled with important safety information — please read it carefully.

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A convenient reference to the sections in this manual.

Your Vehicle at a Glance

A quick reference to the main controls in your vehicle.

Driver and Passenger Safety

Important information about the proper use and care of your vehicle's seat belts, an overview of the Supplemental Restraint System, and valuable information on how to protect children with child restraints.

Instruments and Controls

Explains the purpose of each instrument panel indicator and gauge, and how to use the controls on the dashboard and steering column.

Features

How to operate the heating and air conditioning system, the audio system, and other convenience features.

Before Driving

What gasoline to use, how to break-in your new vehicle, and how to load luggage and other cargo.

Driving

The proper way to start the engine, shift the transmission, and park; plus what you need to know if you're planning to tow a trailer.

Maintenance

The Maintenance Schedule shows you when you need to take your vehicle to the dealer. There is also a list of things to check and instructions on how to check them.

Taking Care of the Unexpected

This section covers several problems motorists sometimes experience, and details how to handle them.

Technical Information

ID numbers, dimensions, capacities, and technical information.

Warranty and Customer Relations

(Canada only)

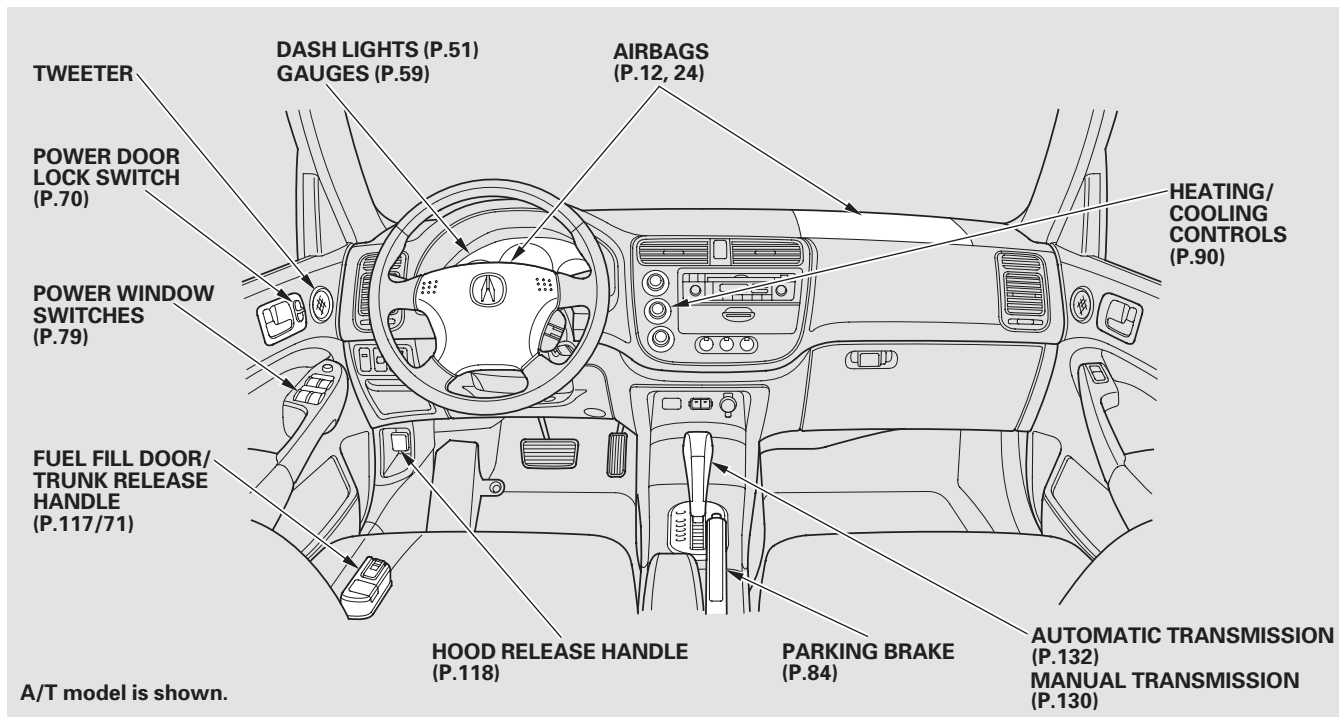
A summary of the warranties covering your new Acura, and how to contact us for any reason. Refer to your warranty manual for detailed information.

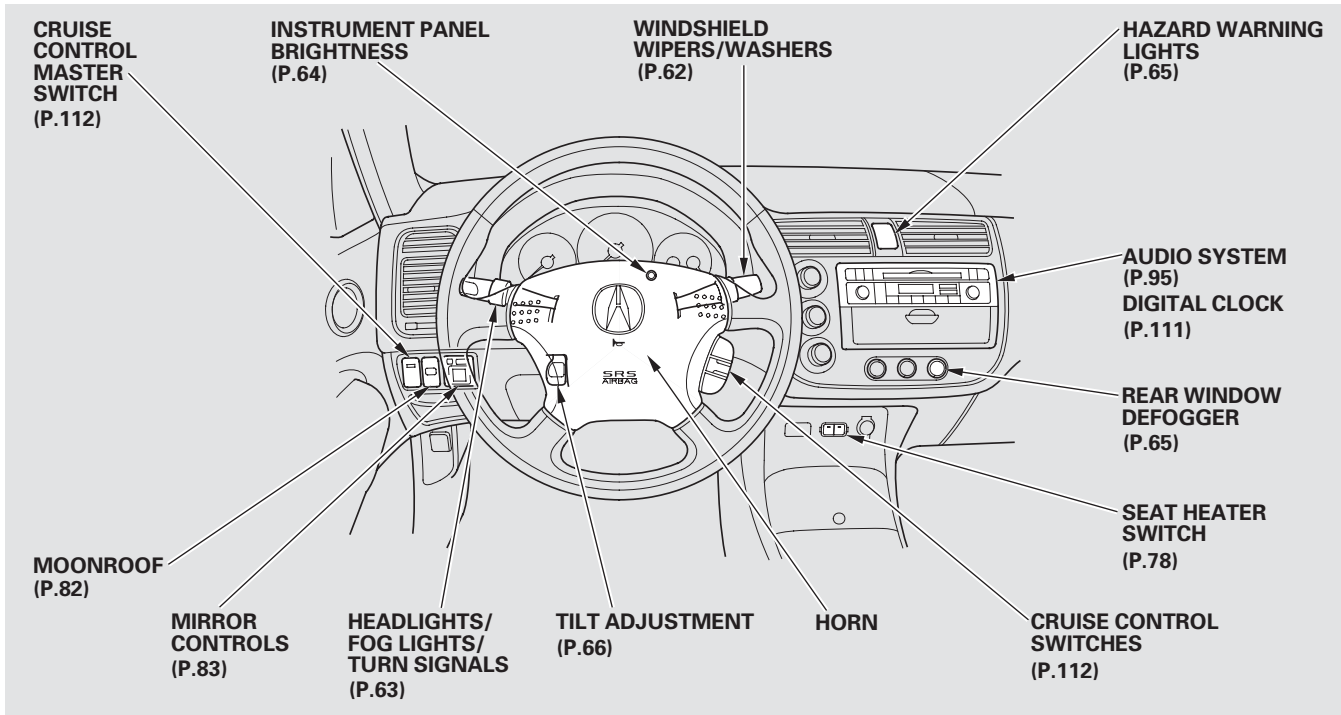
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Service Information Summary

A summary of the information you need when you pull up to the fuel pump.

Your Vehicle at a Glance





This section gives you important information about how to protect yourself and your passengers. It shows you how to use seat belts. It explains how your airbags work. And it tells you how to properly restrain infants and children in your vehicle.

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Important Safety Precautions

You'll find many safety recommendations throughout this section, and throughout this manual. The recommendations on this page are the ones we consider to be the most important.

Always Wear Your Seat Belt

A seat belt is your best protection in all types of collisions. Airbags are designed to supplement seat belts, not replace them. So even though your vehicle is equipped with airbags, make sure you and your passengers always wear your seat belts, and wear them properly (see page 16).

Restrain All Children

Children age 12 and under should ride properly restrained in a back seat, not the front seat. Infants and small children should be restrained in a child seat. Larger children should use a booster seat and a lap/shoulder belt until they can use the belt properly without a booster seat

(see pages 31 – 35).

Be Aware of Airbag Hazards

While airbags can save lives, they can cause serious or fatal injuries to occupants who sit too close to them, or are not properly restrained. Infants, young children, and short adults are at the greatest risk. Be sure to follow all instructions and warnings in this manual.

Don't Drink and Drive

Alcohol and driving don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and drive, and don't let your friends drink and drive, either.

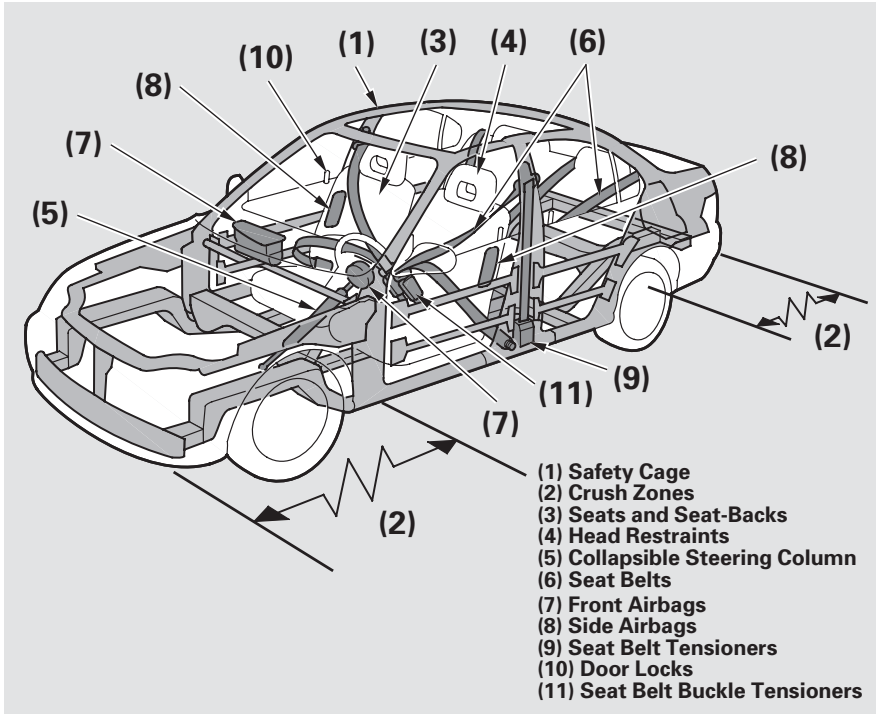
Control Your Speed

Excessive speed is a major factor in crash injuries and deaths. Generally, the higher the speed, the greater the risk, but serious injuries can also occur at lower speeds. Never drive faster than is safe for current conditions, regardless of the maximum speed posted.

Keep Your Vehicle in Safe Condition

Having a tire blowout or a mechanical failure can be extremely hazardous. To reduce the possibility of such problems, check your tire pressures and condition frequently, and perform all regularly scheduled maintenance (see page 142).

Your Vehicle's Safety Features



Your vehicle is equipped with many features that work together to protect you and your passengers during a crash.

Some features do not require any action on your part. These include a strong steel framework that forms a safety cage around the passenger compartment; front and rear crush zones; a collapsible steering column; and tensioners that tighten the front seat belts in a crash.

CONTINUED

Your Vehicle's Safety Features

However, you and your passengers can't take full advantage of these features unless you remain sitting in a proper position and ***always wear your seat belts***. In fact, some safety features can contribute to injuries if they are not used properly.

The following pages explain how you can take an active role in protecting yourself and your passengers.

Seat Belts

Your vehicle is equipped with seat belts in all seating positions.

Your seat belt system also includes an indicator on the instrument panel to remind you and your passengers to fasten your seat belts.

Why Wear Seat Belts

Seat belts are the single most effective safety device for adults and larger children. (Infants and smaller children must be properly restrained in child seats.)

Not wearing a seat belt properly increases the chance of serious injury or death in a crash, even though your vehicle has airbags.

In addition, all Canadian provinces and most U.S. states require you to wear seat belts.

⚠ WARNING

Not wearing a seat belt properly increases the chance of serious injury or death in a crash, even though your vehicle has airbags.

Be sure you and your passengers always wear seat belts and wear them properly.

When properly worn, seat belts:

- Keep you connected to the vehicle so you can take advantage of the vehicle's built-in safety features.
- Help protect you in almost every type of crash, including frontal, side, and rear impacts and rollovers.

- Help keep you from being thrown against the inside of the vehicle and against other occupants.
- Keep you from being thrown out of the vehicle.
- Help keep you in a good position should the airbags ever deploy. A good position reduces the risk of injury from an inflating airbag and allows you to get the best advantage from the airbag.

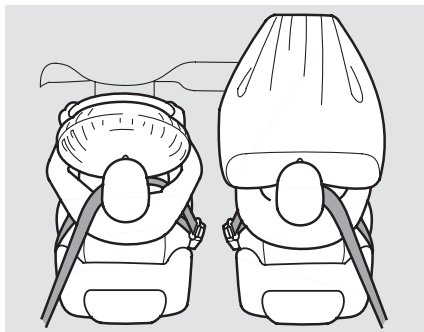
Of course, seat belts cannot completely protect you in every crash. But in most cases, seat belts can reduce your risk of serious injury.

What You Should Do:

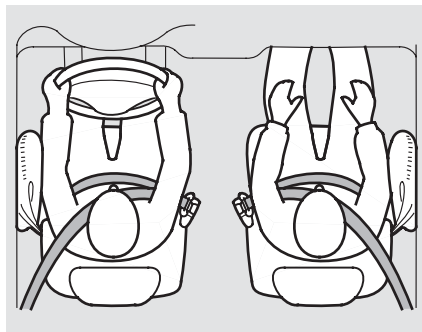
Always wear your seat belt, and make sure you wear it properly.

Your Vehicle's Safety Features

Airbags



Your vehicle has a Supplemental Restraint System (SRS) with front airbags to help protect the heads and chests of the driver and a front seat passenger during a moderate to severe frontal collision (see page 24 for more information on how your front airbags work).



Your vehicle also has side airbags to help protect the upper torso of the driver or a front seat passenger during a moderate to severe side impact (see page 27 for more information on how your side airbags work).

The most important things you need to know about your airbags are:

- **Airbags do not replace seat belts.** They are designed to supplement the seat belts.
- **Airbags offer no protection in rear impacts, or minor frontal or side collisions.**
- **Airbags can pose hazards.** To do their job, airbags must inflate with tremendous force. So while airbags help save lives, they can cause minor injuries or more serious or even fatal injuries if occupants are not properly restrained or sitting properly.

What you should do: Always wear your seat belt properly, and sit upright and as far back from the steering wheel as possible while allowing full control of the vehicle. A front passenger should move their seat as far back from the dashboard as possible.

Introduction

The rest of this section gives more detailed information about how you can maximize your safety.

Remember however, that no safety system can prevent all injuries or deaths that can occur in severe crash, even when seat belts are properly worn and the airbags deploy.

The following pages provide instructions on how to properly protect the driver, adult passengers, and teenage children who are large enough and mature enough to drive or ride in the front seat.

See page 32 for important guidelines on how to properly protect infants, small children and larger children who ride in your vehicle.

1. Close and Lock the Doors

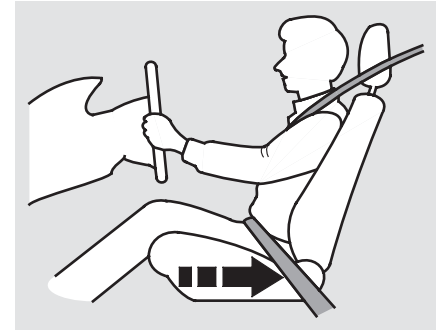
After everyone has entered the vehicle, be sure the doors are closed and locked.

Locking the doors reduces the chance of someone being thrown out of the vehicle during a crash, and it helps prevent passengers from accidentally opening a door and falling out.

Locking the doors also helps prevent an outsider from unexpectedly opening a door when you come to a stop.

See page 70 for how to lock the doors.

2. Adjust the Front Seats



Adjust the driver's seat as far to the rear as possible while allowing you to maintain full control of the vehicle. Have a front passenger adjust their seat as far to the rear as possible.

If you sit too close to the steering wheel or dashboard, you can be seriously injured by an inflating front airbag, or by striking the steering wheel or dashboard.

CONTINUED

Protecting Adults and Teens

Transport Canada and the National Highway Traffic Safety Administration recommend that drivers allow at least 25 cm (10 inches) between the center of the steering wheel and chest.

If you cannot get far enough away from the steering wheel and still reach the controls, we recommend that you investigate whether some type of adaptive equipment may help.

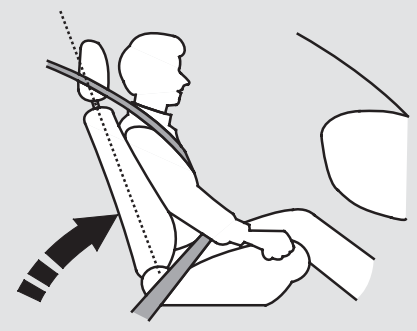
⚠ WARNING

Sitting too close to a front airbag can result in serious injury or death if the front airbags inflate.

Always sit as far back from the front airbags as possible.

Once your seat is adjusted correctly, rock it back and forth to make sure the seat is locked in position. See page 74 for how to adjust the front seats.

3. Adjust the Seat-Backs



Adjust the driver's seat-back to a comfortable, upright position, leaving ample space between your chest and the airbag cover in the center of the steering wheel.

Passengers with adjustable seat-backs should also adjust their seat-back to a comfortable, upright position.

Reclining a seat-back so that the shoulder part of the belt no longer rests against the occupant's chest reduces the protective capability of the belt. It also increases the chance of sliding under the belt in a crash and being seriously injured. The farther a seat-back is reclined, the greater the risk of injury.

⚠ WARNING

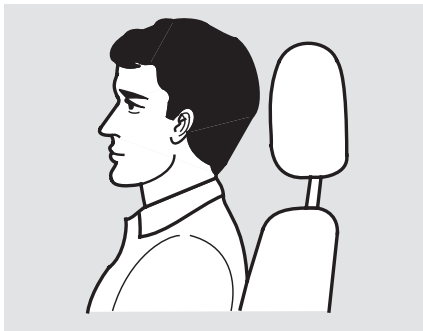
Reclining the seat-back too far can result in serious injury or death in a crash.

Adjust the seat-back to an upright position, and sit well back in the seat.

See page 74 for how to adjust the seat-backs.

Protecting Adults and Teens

4. Adjust the Head Restraints



Adjust the driver's head restraint so the back of your head rests against the center of the restraint.

Have passengers with adjustable head restraints adjust their restraints properly as well. Taller persons should adjust their restraint as high as possible.

⚠ WARNING

Improperly positioning head restraints reduces their effectiveness and you can be seriously injured in a crash.

Make sure head restraints are in place and positioned properly before driving.

Properly adjusted head restraints will help protect occupants from whiplash and other crash injuries.

See page 75 for how to adjust the head restraints.

5. Fasten and Position the Seat Belts

Insert the latch plate into the buckle, then tug on the belt to make sure the belt is securely latched. Also check that the belt is not twisted, because a twisted belt can cause serious injuries in a crash.



Position the lap part of the belt as low as possible across your hips, then pull up on the shoulder part of the belt so the lap part fits snugly. This lets your strong pelvic bones take the force of a crash and reduces the chance of internal injuries.

If necessary, pull up on the belt again to remove any slack, then check that the belt rests across the center of your chest and over your shoulder.

This spreads the forces of a crash over the strongest bones in your upper body.

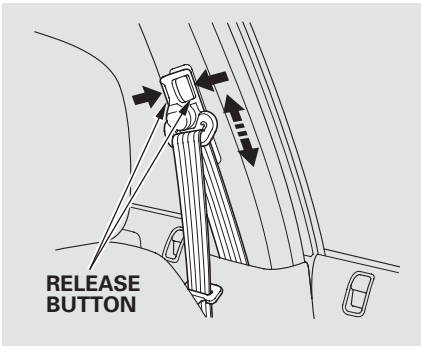
If the seat belt touches or crosses your neck, or if it crosses your arm instead of your shoulder, you need to adjust the seat belt anchor height.

⚠ WARNING

Improperly positioning the seat belts can cause serious injury or death in a crash.

Make sure all seat belts are properly positioned before driving.

Never place the shoulder portion of a lap/shoulder belt under your arm or behind your back. This could cause very serious injuries in a crash.



The front seats have adjustable seat belt anchors. To adjust the height of an anchor, press and hold the release buttons and slide the anchor up or down as needed (it has four positions).

CONTINUED

Protecting Adults and Teens

If a seat belt does not seem to work properly, it may not protect the occupant in a crash. ***No one should sit in a seat with an inoperative seat belt.*** Using a seat belt that is not working properly can result in serious injury or death. Have your dealer check the belt as soon as possible.

See page 21 for additional information about your seat belts and how to take care of them.

6. Maintain a Proper Sitting Position

After all occupants have adjusted their seats and put on seat belts, it is very important that they continue to sit upright, well back in their seats, with their feet on the floor, until the vehicle is parked and the engine is off.

Sitting improperly can increase the chance of injury during a crash. For example, if an occupant slouches, lies down, turns sideways, sits forward, leans forward or sideways, or puts one or both feet up, the chance of injury during a crash is greatly increased.

In addition, an occupant who is out of position in the front seat can be seriously or fatally injured in a crash by striking interior parts of the vehicle or being struck by an inflating front airbag.

▲ WARNING

Sitting improperly or out of position can result in serious injury or death in a crash.

Always sit upright, well back in the seat, with your feet on the floor.

Advice for Pregnant Women



If you are pregnant, the best way to protect yourself and your unborn child when driving or riding in a vehicle is to always wear a seat belt, and keep the lap part of the belt as low as possible across the hips.

When driving, remember to sit upright and adjust the seat as far back as possible while allowing full control of the vehicle. When riding as a front passenger, adjust the seat as far back as possible.

This will reduce the risk of injuries to both you and your unborn child that can be caused by a crash or an inflating front airbag.

Each time you have a checkup, ask your doctor if it's okay for you to drive.

Additional Safety Precautions

- ***Two people should never use the same seat belt.*** If they do, they could be very seriously injured in a crash.
- ***Do not put any accessories on seat belts.*** Devices intended to improve occupant comfort or reposition the shoulder part of a seat belt can reduce the protective capability of the seat belt and increase the chance of serious injury in a crash.

CONTINUED

Protecting Adults and Teens

- ***Do not place hard or sharp objects between yourself and a front airbag.*** Carrying hard or sharp objects on your lap, or driving with a pipe or other sharp object in your mouth, can result in injuries if your front airbag inflates.
- ***Do not attach or place objects on the front airbag covers.*** Objects on the covers marked “SRS AIRBAG” could interfere with the proper operation of the airbags or be propelled inside the vehicle and hurt someone if the airbags inflate.
- ***Do not attach hard objects on or near a front door.*** If a side airbag inflates, a cup holder or other hard object attached on or near the door could be propelled inside the vehicle and hurt someone.
- ***Keep your hands and arms away from the airbag covers.*** If your hands or arms are close to an airbag cover, they could be injured if the airbag inflates.

Seat Belt System Components

Your seat belt system includes lap/shoulder belts in all five seating positions. The front seat belts are also equipped with automatic seat belt tensioners.



The seat belt system includes an indicator on the instrument panel and a beeper to remind you to fasten your seat belts.

If you turn the ignition switch to ON (II) before fastening your seat belt, the beeper will sound, and the indicator will flash. If you do not fasten your seat belt before the beeper stops, the indicator will stop flashing but remain on.

If you continue driving without fastening your seat belt, the beeper will sound and the indicator will flash again at regular intervals.

Lap/Shoulder Belt

The lap/shoulder belt goes over your shoulder, across your chest, and across your hips.

To fasten the belt, insert the latch plate into the buckle, then tug on the belt to make sure the buckle is latched (see page 16 for how to properly position the belt).

To unlock the belt, push the red PRESS button on the buckle. Guide the belt across your body so that it retracts completely. After exiting the vehicle, be sure the belt is out of the way and will not get closed in the door.

All seat belts have an emergency locking retractor. In normal driving, the retractor lets you move freely in your seat while it keeps some tension on the belt. During a collision or sudden stop, the retractor automatically locks the belt to help restrain your body.

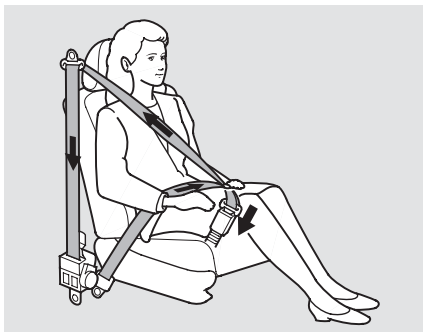
The seat belts in all positions except the driver's have an additional locking mechanism that must be activated to secure a child seat (see page 42).

If the shoulder part of the belt is pulled all the way out, the locking mechanism will activate. The belt will retract, but it will not allow the passenger to move freely.

To deactivate the locking mechanism, unlatch the buckle and let the seat belt fully retract. To refasten the seat belt, pull it out only as far as needed.

Additional Information About Your Seat Belts

Automatic Seat Belt Tensioners



For added protection, the front seat belts are equipped with automatic seat belt tensioners. When activated, the tensioners immediately tighten the belts to help hold the driver and a front passenger in place.

The tensioners are designed to activate primarily in frontal collisions, and they should activate in any collision severe enough to cause front-airbag inflation.

The tensioners can also be activated during a collision in which the front airbags do not deploy. In this case, the airbags would not be needed, but the additional restraint could be helpful.

When the tensioners are activated, the seat belts will remain tight until they are unbuckled in the normal manner.

Seat Belt Maintenance

For safety, you should check the condition of your seat belts regularly.

Pull each belt out fully and look for frays, cuts, burns, and wear. Check that the latches work smoothly and the belts retract easily. Any belt that is not in good condition or working properly will not provide good protection and should be replaced as soon as possible.

If a seat belt is worn during a crash, it must be replaced by the dealer. A belt that has been worn during a crash may not provide the same level of protection in a subsequent crash.

The dealer should also inspect the anchors for damage and replace them if needed. If the automatic seat belt tensioners activate during a crash, they must be replaced.

For information on how to clean your seat belts, see page 163 .

⚠ WARNING

Not checking or maintaining seat belts can result in serious injury or death if the seat belts do not work properly when needed.

Check your seat belts regularly and have any problem corrected as soon as possible.

Additional Information About Your Airbags

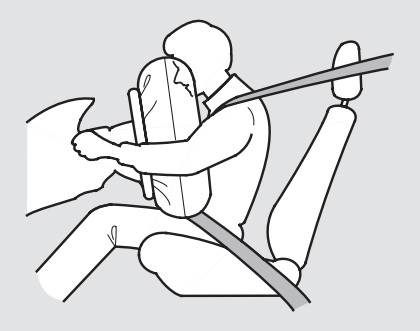
Airbag System Components

Your airbag system includes:

- Two SRS (Supplemental Restraint System) front airbags. The driver's airbag is stored in the center of the steering wheel; the front passenger's airbag is stored in the dashboard. Both are marked "SRS AIRBAG."
- In models with side airbags, one for the driver and one for a front passenger. The airbags are stored in the outer edges of the seat-backs. Both are marked "SIDE AIRBAG" (see page 27).
- Automatic front seat belt tensioners (see page 22).
- Sensors that can detect a moderate to severe front impact, or side impact in models with side airbags.
- Sensors that can detect whether a child is in the passenger's side airbag path and automatically turn the airbag off (see page 29).
- A sophisticated electronic system that continually monitors and records information about the sensors, the control unit, the airbag activators, the seat belt tensioners, and driver and front passenger seat belt use when the ignition is in the ON (II).
- An indicator on the instrument panel that alerts you to a possible problem with your airbags, sensors, or seat belt tensioners (see page 28).
- An indicator on the dashboard that alerts you that the passenger's side airbag has been turned off (see page 29).
- Emergency backup power in case your vehicle's electrical system is disconnected in a crash.

Additional Information About Your Airbags

How Your Front Airbags Work

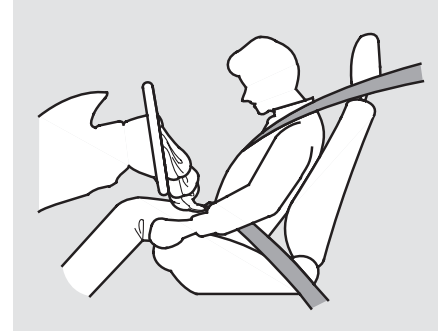


If you ever have a moderate to severe frontal collision, sensors will detect the vehicle's rapid deceleration. If the rate of deceleration is high enough, the control unit will instantly inflate the driver's and front passenger's airbags, at the time and with the force needed.

During a frontal crash, your seat belt restrains your lower body and torso, and the front airbag helps protect your head and chest.

Although both airbags normally inflate within split second of each other, it is possible for only one airbag to deploy.

This can happen if the severity of a collision is at the margin, or threshold, that determines whether or not the airbags will deploy. In such cases, the seat belt will provide sufficient protection, and the supplemental protection offered by the airbag would be minimal.



After inflating, the front airbags will immediately deflate, so they won't interfere with the driver's visibility, or the ability to steer or operate other controls.

The total time for inflation and deflation is one-tenth of a second, so fast that most occupants are not aware that the airbags deployed until they see them lying in their laps.

CONTINUED

Additional Information About Your Airbags

After a crash, you may see what looks like smoke. This is actually powder from the airbag's surface. Although the powder is not harmful, people with respiratory problems may experience some temporary discomfort. If this occurs, get out of the vehicle as soon as it is safe to do so.

Dual-Stage Airbags

Your front airbags are dual-stage airbags. This means they have two inflation stages that can be ignited sequentially or simultaneously, depending on crash severity.

In a ***more severe*** crash, both stages will ignite simultaneously to provide the quickest and greatest protection.

In a ***less severe*** crash, one stage will ignite first, then the second stage will ignite a split second later. This provides longer airbag inflation time with a little less force.

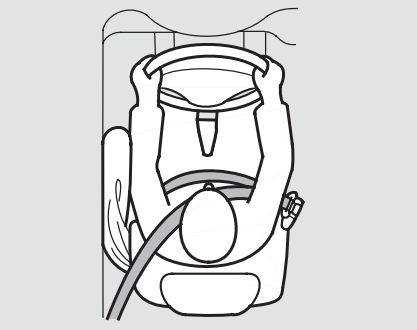
Dual-Threshold Airbags

Your front airbags are also dual-threshold airbags. Airbags with this feature have two deployment thresholds that depend on whether or not the occupant is wearing a seat belt.

If the occupant's belt is ***not latched***, the airbag will deploy at a slightly lower threshold, because the occupant would need extra protection.

If the occupant's belt ***is latched***, the airbag will inflate at a slightly higher threshold, when the airbag would be needed to supplement the protection provided by the seat belt.

How Your Side Airbags Work



If you ever have a moderate to severe side impact, sensors will detect rapid deceleration and signal the control unit to instantly inflate either the driver's or the passenger's side airbag.

Only one airbag will deploy during a side impact. If the impact is on the passenger's side, the passenger's side airbag will deploy even if there is no passenger.

To get the best protection from the side airbags, front seat occupants should wear their seat belts and sit upright and well back in their seats.

Side Airbag Cutoff System

To reduce the risk of injury from an inflating side airbag, your vehicle has an automatic cutoff system for the passenger's side airbag.

Although Acura does not encourage children to ride in front, this system is designed to shut off the side airbag if a child leans into the side airbag's path.

The side airbag may also shut off if a short adult leans sideways, or a larger adult slouches and leans sideways into the airbag's deployment path.

Objects placed on the front passenger's seat can also cause the side airbag to be shut off.

If the Side Airbag Off Indicator comes on (see page 29), have the passenger sit upright. Once the passenger is out of the airbag's deployment path, the system will turn the airbag back on, and the indicator will go out.

There will be some delay between the moment the passenger moves into or out of the airbag deployment path and when the indicator comes on or goes off.

A front seat passenger should not use a cushion or other object as a backrest. It may prevent the cutoff system from working properly.

Additional Information About Your Airbags

How the SRS Indicator Works



The SRS indicator alerts you to a potential problem with your airbags or seat belt tensioners (see page 55).

When you turn the ignition switch to ON (II), this indicator will come on briefly then go out. This tells you the system is working properly.

If the indicator comes on at any other time, or does not come on at all, you should have the system checked by your dealer. For example:

- If the SRS indicator does not come on after you turn the ignition switch to ON (II).
- If the indicator stays on after the engine starts.
- If the indicator comes on or flashes on and off while you drive.

If you see any of these indications, the airbags and seat belt tensioners may not work properly when you need them.

⚠ WARNING

Ignoring the SRS indicator can result in serious injury or death if the airbag systems, or tensioners do not work properly.

Have your vehicle checked by a dealer as soon as possible if the SRS indicator alerts you to a possible problem.

How the Side Airbag Off Indicator Works



This indicator alerts you that the passenger's side airbag has been automatically shut off. It does **not** mean there is a problem with your side airbags.

When you turn the ignition switch to ON (II), the indicator should light briefly and go out (see page 55). If it doesn't light, stays on, or comes on while driving without a passenger in the front seat, have the system checked.

If a short adult leans sideways, or a larger adult slouches and leans sideways into the side airbag deployment path, the system may also shut off the side airbag.

To get the best protection from the side airbags, front seat occupants should wear their seat belts and sit upright and well back in their seats.

Additional Information About Your Airbags

Airbag Service

Your airbag systems are virtually maintenance free, and there are no parts you can safely service.

However, you must have your vehicle serviced if:

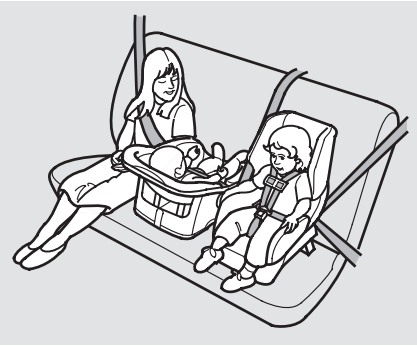
- **An airbag ever inflates.** Any airbag that has deployed must be replaced along with the control unit and other related parts. If a front airbag inflates, the seat belt tensioners must also be replaced.

Do not try to remove or replace any airbag by yourself. This must be done by an Acura dealer or a knowledgeable body shop.

- **The SRS Indicator light alerts you to a problem.** Take your vehicle to an authorized Acura dealer as soon as possible. If you ignore this indication, your airbags may not operate properly.

Additional Safety Precautions

- **Do not attempt to deactivate your airbags.** Together, airbags and seat belts provide the best protection.
 - **Do not tamper with airbag components or wiring for any reason.** Tampering could cause the airbags to deploy, possibly causing very serious injury.
 - **Do not expose the front seat-backs to liquid.** If water or another liquid soaks into a seat-back, it can prevent the side airbag cutoff system from working properly.
- **Do not cover or replace front seat-back covers without consulting a your dealer.** Improperly replacing or covering front seat-back covers can prevent your side airbags from inflating during a side impact.



Children depend on adults to protect them. However, despite their best intentions many adults do not know how to properly protect child passengers.

⚠ WARNING

Children who are unrestrained or improperly restrained can be seriously injured or killed in a crash.

Any child too small for a seat belt should be properly restrained in a child seat. A larger child should be properly restrained with a seat belt and use a booster seat if necessary.

If you have children, or ever need to drive with a child in your vehicle, be sure to read this section. It begins with important general guidelines, then presents special information for infants, small children, and larger children.

All Children Must Be Restrained

Each year, many children are injured or killed in vehicle crashes because they are either unrestrained or not properly restrained. In fact, vehicle accidents are the number one cause of the death of children ages 12 and under.

To reduce the number of child deaths and injuries, every Canadian province and U.S. state requires that infants and children be properly restrained when they ride in a vehicle.

CONTINUED

Protecting Children — — General Guidelines

Infants and small children must be restrained in an approved child seat that is properly secured to the vehicle (see pages 36 — 37).

Larger children must be restrained with a lap/shoulder belt and ride on a booster seat until the seat belt fits them properly (see pages 45 — 48).

All Children Should Sit in a Back Seat

According to accident statistics, children of all ages and sizes are safer when they are restrained in a back seat. Transport Canada and the National Highway Traffic Safety Administration recommended that all children age 12 and under be properly restrained in a back seat.

Children who ride in back are less likely to be injured by striking interior vehicle parts during a collision or hard braking. Also, children cannot be injured by an inflating front airbag when they ride in the back.

The Passenger's Front Airbag Poses Serious Risks

Front airbags have been designed to help protect adults in a moderate to severe frontal collision. To do this, the passenger's front airbag is quite large, and it can inflate with enough force to cause very serious injuries.

Infants

Never put a rear-facing child seat in the front seat of a vehicle equipped with a passenger's front airbag. If the airbag inflates, it can hit the back of the child seat with enough force to kill or very seriously injure an infant.

Small Children

Placing a forward-facing child seat in the front seat of a vehicle equipped with passenger's front airbag can be hazardous. If the vehicle seat is too far forward, or the child's head is thrown forward during a collision, an inflating front airbag can strike the child with enough force to kill or very seriously injure a small child.

Larger Children

Children who have outgrown child seats are also at risk of being injured or killed by an inflating passenger's front airbag. Whenever possible, larger children should sit in a back seat, on a booster seat if needed, and be properly restrained with a seat belt (see page 45 for important information about protecting larger children).

To remind you of the passenger's front airbag hazards, and that children must be properly restrained in a back seat, your vehicle has warning labels on the dashboard and on the driver's and front passenger's visors. Please read and follow the instructions on these labels.

SUN VISOR

CAUTION

TO AVOID SERIOUS INJURY:

- FOR MAXIMUM SAFETY PROTECTION IN ALL TYPES OF CRASHES, YOU MUST ALWAYS WEAR YOUR SAFETY BELT.
- DO NOT INSTALL REARWARD-FACING CHILD SEATS IN ANY FRONT PASSENGER SEAT POSITION.
- DO NOT SIT OR LEAN UNNECESSARILY CLOSE TO THE AIR BAG.
- DO NOT PLACE ANY OBJECTS OVER THE AIR BAG OR BETWEEN THE AIR BAG AND YOURSELF.
- SEE THE OWNER'S MANUAL FOR FURTHER INFORMATION AND EXPLANATIONS.

PRECAUTIONS:

POUR EVITER DES BLESSURES GRAVES:

- POUR PROFITER D'UNE PROTECTION MAXIMALE LORS D'UNE COLLISION BOUCLEZ TOUJOURS VOTRE CEINTURE DE SECURITE.
- N'INSTALLEZ JAMAIS UN SIEGE POUR ENFANTS FAISANT FACE A L'ARRIERE SUR LE SIEGE DU PASSAGER AVANT.
- NE VOUS APPUYEZ PAS ET NE VOUS ASSOYEZ PAS PRES DU COUSSIN GONFLABLE.
- NE DEPOSEZ AUCUN OBJET SUR LE COUSSIN GONFLABLE OU ENTRE LE COUSSIN GONFLABLE ET VOUS.
- LISEZ LE GUIDE UTILISATEUR POUR DE PLUS AMPLES RENSEIGNEMENTS.

DASHBOARD

WARNING

Children Can Be KILLED or INJURED by Passenger Air Bag

- The back seat is the safest place for children 12 and under.
- Make sure all children use seat belts or child seats.

To be removed by owner only.

Protecting Children — — General Guidelines

If You Must Drive with Several Children

Your vehicle has a back seat where children can be properly restrained. If you ever have to carry a group of children, and a child must ride in front:

- Place the largest child in the front seat, provided the child is large enough to wear the lap/shoulder belt properly (see page 45).
- Move the vehicle seat as far to the rear as possible (see page 13).
- Have the child sit upright and well back in the seat (see page 32).
- Make sure the seat belt is properly positioned and secured (see page 16).

If a Child Requires Close Attention

Many parents say they prefer to put an infant or small child in the front passenger seat so they can watch the child, or because the child requires attention.

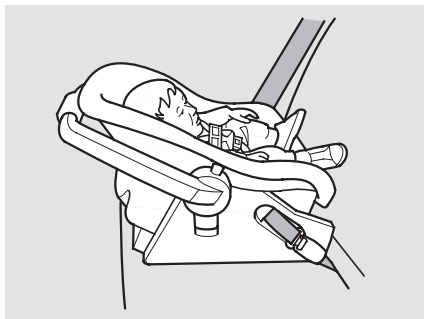
Placing a child in the front seat exposes the child to hazards in a frontal collision, and paying close attention to a child distracts the driver from the important tasks of driving, placing both of you at risk.

If a child requires close physical attention or frequent visual contact, we strongly recommend that another adult ride with the child in a back seat. The back seat is far safer for a child than the front.

Additional Safety Precautions

- **Never hold an infant or child on your lap.** If you are not wearing a seat belt in crash, you could be thrown forward and crush the child against the dashboard or a seat-back. If you are wearing a seat belt, the child can be torn from your arms and be seriously hurt or killed.
 - **Never put a seat belt over yourself or a child.** During a crash, the belt could press deep into the child and cause serious or fatal injuries.
 - **Never let two children use the same seat belt.** If they do, they could be very seriously injured in a crash.
 - **Use childproof door locks to prevent children from opening the doors.** This can prevent children from accidentally falling out (see page 70).
- **Do not leave children alone in a vehicle.** Leaving children without adult supervision is illegal in most Canadian provinces and U.S. states, and can be very hazardous. For example, infants and small children left in a vehicle on a hot day can die from heatstroke. A child left alone with the key in the ignition can accidentally set the vehicle in motion, possibly injuring themselves or others.
 - **Lock all doors and the trunk when your vehicle is not in use.** Children who play in vehicles can accidentally get trapped inside. Teach your children not to play in or around vehicles. Know how to operate the emergency trunk opener and decide if your children should be shown how to use this feature (see page 71).
 - **Keep vehicle keys/remote transmitters out of the reach of children.** Even very young children learn how to unlock vehicle doors, turn on the ignition switch, and open the trunk, which can lead to accidental injury or death.

Protecting Infants



Child Seat Type

An infant must be properly restrained in a rear-facing, reclining child seat until the child reaches the seat maker's weight or height limit for the seat and the child is at least one year old.

Only a rear-facing child seat provides proper support for a baby's head, neck, and back.

⚠ WARNING

Placing a rear-facing child seat in the front seat can result in serious injury or death if the passenger's front airbag inflates.

Always place a rear-facing child seat in the back seat, not the front.

Two types of seats may be used: a seat designed exclusively for infants, or a convertible seat used in the rear-facing, reclining mode.

Do not put a rear-facing child seat in a forward-facing position. If placed facing forward, an infant could be very seriously injured during a frontal collision.

Child Seat Placement

A rear-facing child seat can be placed in any seating position in the back seat, but not in the front. ***Never put a rear-facing child seat in the front seat.***

Never put a rear-facing child seat in the front seat. If the passenger's front airbag inflates, it can hit the back of the child seat with enough force to kill or seriously injure an infant.

When properly installed, a rear-facing child seat may prevent the driver or a front passenger from moving the seat as far back as recommended, or from locking the seat-back in the desired position. In either situation, we strongly recommend that you install the child seat directly behind the front passenger's seat, move the seat as far forward as needed, and leave it unoccupied. Or, you may wish to get a smaller rear-facing child seat.



Child Seat Type

A child who is at least one year old, and who fits within the child seat maker's weight and height limits, should be restrained in a forward-facing, upright child seat.

Of the different seats available, we recommend those that have a five-point harness system as shown.

We also recommend that a small child stay in the child seat as long as possible, until the child reaches the weight or height limit for the seat.

Child Seat Placement

We strongly recommend placing a forward-facing child seat in a back seat, not the front.

Placing a forward-facing child seat in the front seat of a vehicle equipped with a passenger's airbag can be hazardous. If the vehicle seat is too far forward, or the child's head is thrown forward during a collision, an inflating airbag can strike the child with enough force to cause very serious or fatal injuries.

If it is necessary to put a forward-facing child seat in the front, move the vehicle seat as far to the rear as possible, be sure the child seat is firmly secured to the vehicle, and the child is properly strapped in the seat.

▲ WARNING

Placing a forward-facing child seat in the front seat can result in serious injury or death if the front airbag inflates.

If you must place a forward-facing child seat in front, move the vehicle seat as far back as possible, and properly restrain the child.

Selecting a Child Seat

When buying a child seat, you need to choose either a conventional child seat, or one designed for use with the Lower Anchors and Tethers for Children (LATCH) system.

Conventional child seats must be secured to a vehicle with a seat belt, whereas LATCH-compatible seats are secured by attaching the seat to hardware built into the two outer rear seats.

Since LATCH-compatible child seats are easier to install and reduce the possibility of improper installation, we recommend selecting this style.

We also recommend selecting a LATCH-compatible seat with a rigid, rather than a flexible, anchor (see page 41).

In seating positions and vehicles not equipped with LATCH, a LATCH-compatible child seat can be installed using a seat belt.

Whatever type of seat you choose, to provide proper protection, a child seat should meet three requirements:

1. ***The child seat should meet Canadian or U.S. Motor Vehicle Safety Standard 213.*** Look for CMVSS 213 or FMVSS 213 on the box.
2. ***The child seat should be of the proper type and size to fit the child.*** Rear-facing for infants, forward-facing for small children.
3. ***The child seat should fit the vehicle seating position (or positions) where it will be used.***

Before purchasing a conventional child seat, or using a previously purchased one, we recommend that you test the seat in the specific vehicle seating position, or positions, where the seat will be used.

After selecting a proper child seat, and a good place to install the seat, there are three main steps in installing the seat:

- 1. Properly secure the child seat to the vehicle.** All child seats must be secured to the vehicle with the lap part of a lap/shoulder belt or with the LATCH (Lower Anchors and Tethers for Children) system. A child whose seat is not properly secured to the vehicle can be endangered in a crash.
- 2. Make sure the child seat is firmly secured.** After installing a child seat, push and pull the seat forward and from side to side to verify that it is secure.

A child seat secured with a seat belt should be installed as firmly as possible. However, it does not need to be “rock solid.” Some side-to-side movement can be expected and should not reduce the child seat’s effectiveness.

If the child seat is not secure, try installing it in a different seating position, or use a different style of child seat that can be firmly secured.

3. Secure the child in the child seat.

Make sure the child is properly strapped in the child seat according to the child seat maker’s instructions. A child who is not properly secured in a child seat can be seriously injured in a crash.

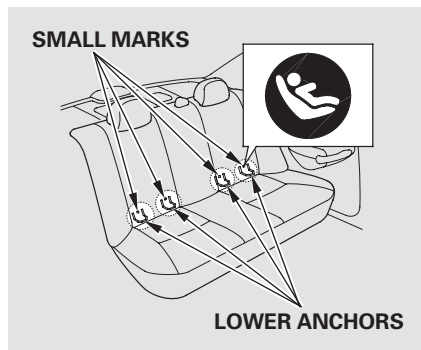
The following pages provide guidelines on how to properly install a child seat. A forward-facing child seat is used in all examples, but the instructions are the same for rear-facing child seats.

Installing a Child Seat

Installing a Child Seat with LATCH

Your vehicle is equipped with LATCH (Lower Anchors and Tethers for Children) at the outer rear seats.

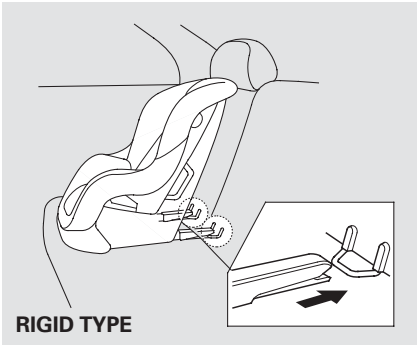
The lower anchors are located between the seat-back and seat bottom, and are to be used only with a child seat designed for use with LATCH.



Small marks are positioned to indicate the locations of each anchor point.

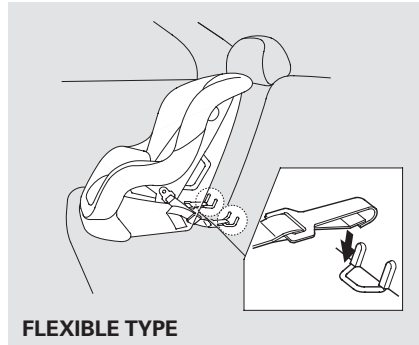
To install a LATCH-compatible child seat:

1. Move the seat belt buckle or tongue away from the lower anchors.
2. Make sure there are no objects near the anchors that could prevent a secure connection between the child seat and the anchors.



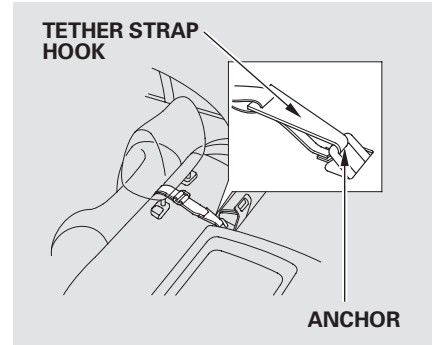
3. Place the child seat on the vehicle seat, then attach the seat to the lower anchors according to the child seat maker's instructions.

Some LATCH-compatible seats have a rigid-type connector as shown above.



Other LATCH-compatible seats have a flexible-type connector as shown above.

4. Whatever type you have, follow the child seat maker's instructions for adjusting or tightening the fit.



5. Lift the head restraint (see page 75), then route the tether strap over the seat-back, making sure the strap is not twisted.
6. Attach the tether strap hook to the tether anchor, then tighten the strap as instructed by the child seat maker.

CONTINUED

Installing a Child Seat

7. Push and pull the child seat forward and from side to side to verify that it is secure.

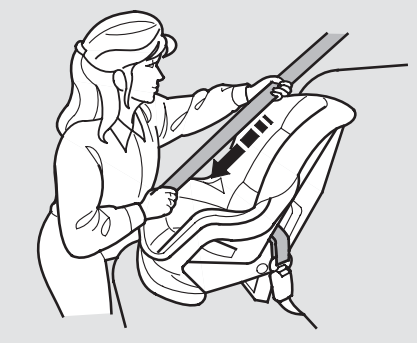
Installing a Child Seat with a Lap/Shoulder Belt

When not using the LATCH system, all child seats must be secured to the vehicle with the lap part of a lap/shoulder belt.

In addition, the lap/shoulder belts in all seating positions except the driver's have a locking mechanism that must be activated to secure a child seat.



1. With the child seat in the desired seating position, route the belt through the child seat according to the seat maker's instructions, then insert the latch plate into the buckle.



2. To activate the lockable retractor, slowly pull the shoulder part of the belt all the way out until it stops, then let the belt feed back into the retractor.
3. After the belt has retracted, tug on it. If the belt is locked, you will not be able to pull it out. If you can pull the belt out, it is not locked, and you will need to repeat these steps.



4. After confirming that the belt is locked, grab the shoulder part of the belt near the buckle and pull up to remove any slack from the lap part of the belt. Remember, if the lap part of the belt is not tight, the child seat will not be secure.

To remove slack, it may help to put weight on the child seat, or push on the back of the seat while pulling up on the belt.

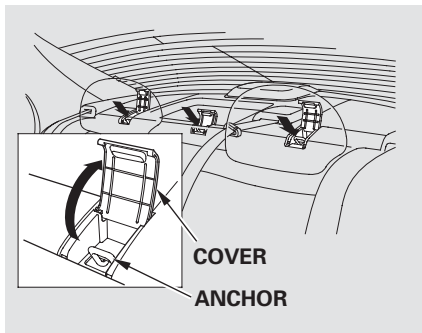


5. Push and pull the child seat forward and from side to side to verify that it is secure enough to stay upright during normal driving maneuvers. If the child seat is not secure, unlatch the belt, allow it to retract fully, then repeat these steps.

To deactivate the locking mechanism and remove a child seat, unlatch the buckle, unrout the seat belt, and let the belt fully retract.

Installing a Child Seat

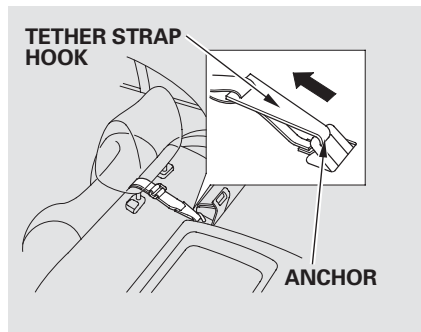
Installing a Child Seat with a Tether



A child seat with a tether can be installed in any seating position in the back seat, using one of the anchor shown above.

Since a tether can provide additional security to the lap/shoulder belt installation, we recommend using a tether whenever one is required or available.

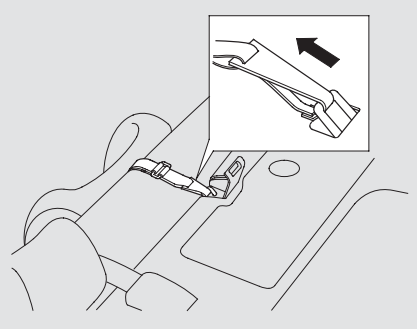
Using an Outer Anchor



1. After properly securing the child seat with the lap/shoulder belt (see page 42), lift the head restraint, then route the tether strap over the seat-back.
2. Lift the anchor point lid, then attach the tether strap hook to the anchor, making sure the strap is not twisted.

3. Tighten the strap according to the seat maker's instructions.

Using the Center Anchor



1. After properly securing the child seat with the lap/shoulder belt (see page 42), route the tether strap over the top of the seat-back.
2. Follow steps 2 and 3 in the previous page.

Protecting Larger Children

When a child reaches the recommended weight or height limit for a forward-facing child seat, the child should sit in a back seat on a booster seat and wear a lap/shoulder belt.

The following pages give instructions on how to check proper seat belt fit, what kind of booster seat to use if one is needed, and important precautions for a child who must sit in front.

⚠ WARNING

Allowing a larger child age 12 or under to sit in front can result in injury or death if the passenger's front airbag inflates.

If a larger child must ride in front, move the vehicle seat as far back as possible, use a booster seat if needed, have the child sit up properly and wear the seat belt properly.

Protecting Larger Children

Checking Seat Belt Fit



To determine if a lap/shoulder belt properly fits a child, have the child put on the seat belt, then ask yourself:

1. Does the child sit all the way back against the seat?
2. Do the child's knees bend comfortably over the edge of the seat?

3. Does the shoulder belt cross between the child's neck and arm?
4. Is the lap part of the belt as low as possible, touching the child's thighs?
5. Will the child be able to stay seated like this for the whole trip?

If you answer yes to all these questions, the child is ready to wear the lap/shoulder belt correctly. If you answer no to any question, the child needs to ride on a booster seat.

Using a Booster Seat



A child who has outgrown a forward-facing child seat should ride in a back seat and use a booster seat until the lap/shoulder belt fits them properly without the booster.

Some states also require children to use a booster until they reach a given age or weight (e.g., 6 years or 27 kg). Be sure to check current laws in the state or states where you intend to drive.

Booster seats can be high-back or low-back. Whichever style you select, make sure the booster meets federal safety standards (see page 46) and that you follow the booster seat maker's instructions.

If a child who uses a booster seat must ride in front, move the vehicle seat as far to the rear as possible, and be sure the child is wearing the seat belt properly.

A child may continue using a booster seat until the tops of their ears are even with the top of the vehicle's or booster's seat-back. A child of this height should be tall enough to use the lap/shoulder belt without a booster seat.

When Can a Larger Child Sit in Front
Transport Canada and National Highway Traffic Safety Administration recommend that all children age 12 and under be properly restrained in a back seat.

If the passenger's front airbag inflates in a moderate to severe frontal collision, the airbag can cause serious injuries to a child who is unrestrained, improperly restrained, sitting too close to the airbag, or out of position.

A side airbag also poses risks. If any part of a larger child's body is in the path of a deploying side airbag, the child could receive possibly serious injuries.

CONTINUED

Protecting Larger Children

Of course, children vary widely. And while age may be one indicator of when a child can safely ride in front. There are other important factors you should consider.

Maturity

To safely ride in front, a child must be able to follow the rules, including sitting properly, and wearing the seat belt properly throughout a ride.

Physical Size

Physically, a child must be large enough for the lap/shoulder belt to properly fit (see page 46). If the seat belt does not fit properly, with or without the child sitting on a booster, the child should not sit in the front.

If you decide that a child can safely ride up front, be sure to:

- Carefully read the owner's manual, and make sure you understand all seat belt instructions and all safety information.
- Move the vehicle seat to the rear-most position.
- Have the child sit up straight, back against the seat, and feet on or near the floor.
- Check that the child's seat belt is properly and securely positioned and secured.
- Supervise the child. Even mature children sometimes need to be reminded to fasten the seat belts or sit properly.

Additional Safety Precautions

- ***Do not let a child wear a seat belt across the neck.*** This could result in serious neck injuries during a crash.
- ***Do not let a child put the shoulder part of a seat belt behind the back or under the arm.*** This could cause very serious injuries during a crash. It also increases the chance that the child will slide under the belt in a crash and be injured.
- ***Two children should never use the same seat belt.*** If they do, they could be very seriously injured in a crash.
- ***Do not put any accessories on a seat belt.*** Devices intended to improve a child's comfort or reposition the shoulder part of a seat belt can make the belt less effective and increase the chance of serious injury in a crash.

Your vehicle's exhaust contains carbon monoxide gas. You should have no problem with carbon monoxide entering the vehicle in normal driving if you maintain your vehicle properly.

Have the exhaust system inspected for leaks whenever:

- The vehicle is raised for an oil change.
- You notice a change in the sound of the exhaust.
- The vehicle was in an accident that may have damaged the underside.

⚠ WARNING


Carbon monoxide gas is toxic. Breathing it can cause unconsciousness and even kill you.

Avoid any enclosed areas or activities that expose you to carbon monoxide.

High levels of carbon monoxide can collect rapidly in enclosed areas, such as a garage. Do not run the engine with the garage door closed. Even with the door open, run the engine only long enough to move the vehicle out of the garage.

With the trunk open, airflow can pull exhaust gas into your vehicle's interior and create a hazardous condition. If you must drive with the trunk open, open all the windows, and set the heating and cooling system as shown below.

If you must sit in your parked vehicle with the engine running, even in an unconfined area, adjust the heating and cooling system/climate control system as follows:

1. Select the Fresh Air mode.
2. Select the  mode.
3. Turn the fan on high speed.
4. Set the temperature control to a comfortable setting.

Safety Labels

These labels are in the locations shown. They warn you of potential hazards that could cause serious injury. Read these labels carefully.

If a label comes off or becomes hard to read, contact your dealer for a replacement.

DASHBOARD

▲ WARNING

Children Can Be KILLED or INJURED by Passenger Air Bag

- The back seat is the safest place for children 12 and under.
- Make sure all children use seat belts or child seats.

To be removed by owner only.

SUN VISOR

<p>CAUTION</p> <p>TO AVOID SERIOUS INJURY:</p> <ul style="list-style-type: none">• FOR MAXIMUM SAFETY PROTECTION IN ALL TYPES OF CRASHES YOU MUST ALWAYS WEAR YOUR SAFETY BELT.• DO NOT INSTALL REARWARD-FACING CHILD SEATS IN ANY FRONT PASSENGER SEAT POSITION.• DO NOT SIT OR LEAN UNNECESSARILY CLOSE TO THE AIR BAG.• DO NOT PLACE ANY OBJECTS OVER THE AIR BAG OR BETWEEN THE AIR BAG AND YOURSELF.• SEE THE OWNER'S MANUAL FOR FURTHER INFORMATION AND EXPLANATIONS.	<p>PRECAUTIONS:</p> <p>POUR ÉVITER DES BLESSURES GRAVES:</p> <ul style="list-style-type: none">• POUR PROFITER D'UNE PROTECTION MAXIMALE EN CAS D'UNE COLLISION, PORTÉZ TOUJOURS VOTRE CEINTURE DE SÉCURITÉ.• N'INSTALLEZ JAMAIS UN SIÈGE D'ENFANTS FAISANT FACE À L'ARRIÈRE SUR LE SIÈGE DU PASSAGER AVANT.• NE VOUS APPUYEZ PAS ET NE VOUS ASSOYEZ PAS PRÈS DU VOISSIN CONFLABLE.• NE DÉPOSEZ AUCUN OBJET SUR LE COUSSIN CONFLABLE OU ENTRE LE COUSSIN CONFLABLE ET VOUS.• Lisez le guide d'utilisation pour de plus amples renseignements.
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HOOD

▲ WARNING

Accidental deployment can seriously hurt or kill you. Follow Service Manual instructions carefully.

▲ ATTENTION

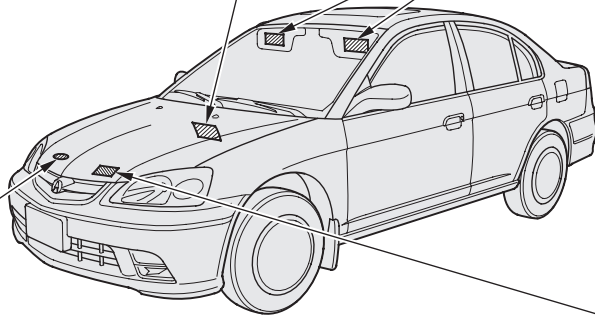
Un déploiement accidentel risque de causer graves blessures, voire la mort. Suivre attentivement les instructions du manuel de réparation.

RADIATOR CAP

DANGER
WARNING
危険

- ▶ NEVER OPEN WHEN HOT.
NEZ CHAUDS NE L'OUVREZ PAS.
- ▶ NEVER OPEN WHEN HOT.
NEZ CHAUDS NE L'OUVREZ PAS QUAND CHAUD.
- ▶ NIQUIT BEI HEISSEM MOTOR OFFEN.
▶ 熱い時あけないで下さい。
- ▶ 高温時、蓋を打开。

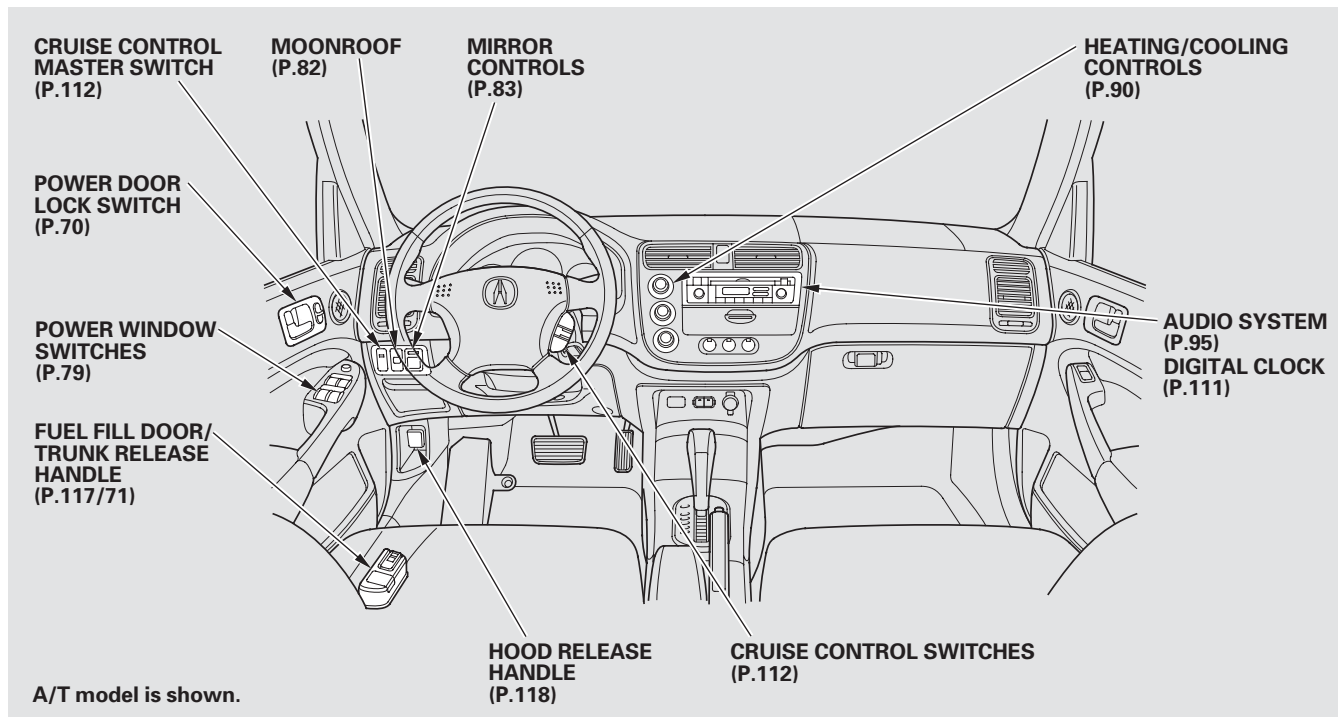
1.1



This section gives information about the controls and displays that contribute to the daily operation of your vehicle. All the essential controls are within easy reach.

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Control Locations



Instrument Panel Indicators

The instrument panel has many indicators to give you important information about your vehicle.



Seat Belt Reminder Indicator

This indicator comes on when you turn the ignition switch to ON (II). It reminds you and your passengers to fasten your seat belts. A beeper also sounds if you have not fastened your seat belt.

If you turn the ignition switch to ON (II) before fastening your seat belt, the beeper sounds and the indicator flashes. If you do not fasten your seat belt before the beeper stops, the indicator stops flashing but remains on.

If you continue driving without fastening your seat belt, the beeper sounds and the indicator flashes again at regular intervals.



Charging System Indicator

If this indicator comes on when the engine is running, the battery is not being charged. For more information, see page 186.



Low Oil Pressure Indicator

The engine can be severely damaged if this indicator flashes or stays on when the engine is running. For more information, see page 186.



Malfunction Indicator Lamp

See page 187.



Immobilizer System Indicator

This indicator comes on for a few seconds when you turn the ignition switch to ON (II). It will then go off if you have inserted a properly-coded ignition key. If it is not a properly-coded key, the indicator will blink, and the engine will not start (see page 68).

This indicator also blinks several times when you turn the ignition switch from ON (II) to ACCESSORY (I) or LOCK (0).



Cruise Control Indicator

This indicator comes on when you set the cruise control. See page 112 for information on operating the cruise control.



Supplemental Restraint System Indicator

This indicator comes on when you turn the ignition switch to ON (II). If it comes on at any other time, it indicates a potential problem with your front airbags. This indicator will also alert you to a potential problem with your side airbags, passenger's side airbag automatic cutoff system, or automatic seat belt tensioners. For more information, see page 28.



Side Airbag Off Indicator

This indicator comes on when you turn the ignition switch to ON (II). If it comes on at any other time, it indicates that the passenger's side airbag has automatically shut off. For more information, see page 29 .

Instrument Panel Indicators



Parking Brake and Brake System Indicator

This indicator has two functions:

1. It comes on when you turn the ignition switch ON (II). It is a reminder to check the parking brake. Driving with the parking brake not fully released can damage the brakes and tires.
2. If it remains lit after you have fully released the parking brake while the engine is running, or if it comes on while driving, there could be a problem with the brake system. For more information, see page 188 .



Anti-lock Brake System (ABS) Indicator

This indicator normally comes on for a few seconds when you turn the ignition switch to ON (II), and when the ignition switch is turned to START (III). If it comes on at any other time, there is a problem with the ABS. If this happens, have your vehicle checked at a dealer. With this indicator on, your vehicle still has normal braking ability but no anti-lock function. For more information, see page 137 .



Turn Signal and Hazard Warning Indicators

The left or right turn signal indicator blinks when you signal a lane change or turn. If the indicator does not blink or blinks rapidly, it usually means one of the turn signal bulbs is burned out (see page 157). Replace the bulb as soon as possible, since other drivers cannot see that you are signaling.

When you press the Hazard Warning button, both turn signal indicators blink. All turn signals on the outside of the vehicle should flash.



Low Fuel Indicator

This indicator comes on as a reminder that you must refuel soon.



High Beam Indicator

This indicator comes on with the high beam headlights. For more information, see page 63 .

This indicator comes on with reduced brightness when the Daytime Running Lights (DRL) are on (see page 63).



Fog Light Indicator

This indicator comes on when you turn on the front fog lights. See page 63 for information on operating the front fog lights.



“Daytime Running Lights” Indicator

This indicator comes on when you turn the ignition switch to ON (II) with the headlight switch off and the parking brake set. It should go off if you turn on the headlights or release the parking brake. If it comes on at any other time, it means there is a problem with the DRL. There may also be a problem with the high beam headlights.



Trunk-open Indicator

This indicator comes on if the trunk lid is not closed tightly.



Washer Level Indicator

This indicator comes on when the washer fluid level is low. Add washer fluid when you see this indicator come on (see page 151).

Security System Indicator

This indicator comes on when the security system is set. See page 110 for more information on the security system.

Maintenance Required Indicator

**MAINT
REQ'D**

Maintenance Required Indicator

This indicator reminds you that it is time to take your vehicle in for scheduled maintenance. Refer to the Maintenance Schedules for Severe Driving Conditions on page 143.

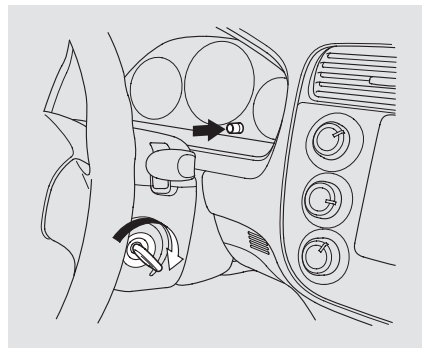
For the first 12,800 km (8,000 miles) after the Maintenance Required Indicator is reset, it will come on for two seconds when you turn the ignition switch to ON (II).

Between 12,800 km (8,000 miles) and 16,000 km (10,000 miles), this indicator will light for 2 seconds when you first turn the ignition switch to ON (II), and then flash for 10 seconds.

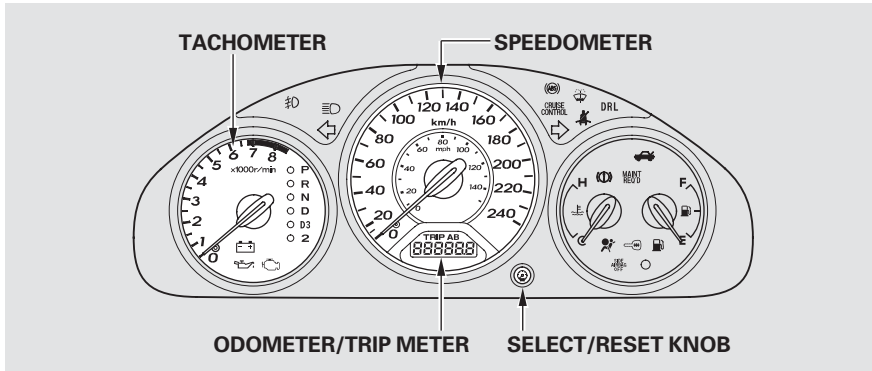
If you exceed 16,000 km (10,000 miles) without having the scheduled maintenance performed, this indicator will remain on as a constant reminder.

Your dealer will reset this indicator after completing the scheduled maintenance. If this maintenance is done by someone other than your dealer, reset the indicator as follows.

1. Turn off the engine.



2. Press and hold the Select/Reset knob in the instrument panel, then turn the ignition switch to ON (II).
3. Hold the knob for about 10 seconds until the indicator goes off.



Odometer/Trip Meter

The odometer shows the total distance your vehicle has been driven. It is illegal under provincial regulations to disconnect, reset, or alter the odometer with the intent to change the number of kilometers indicated.

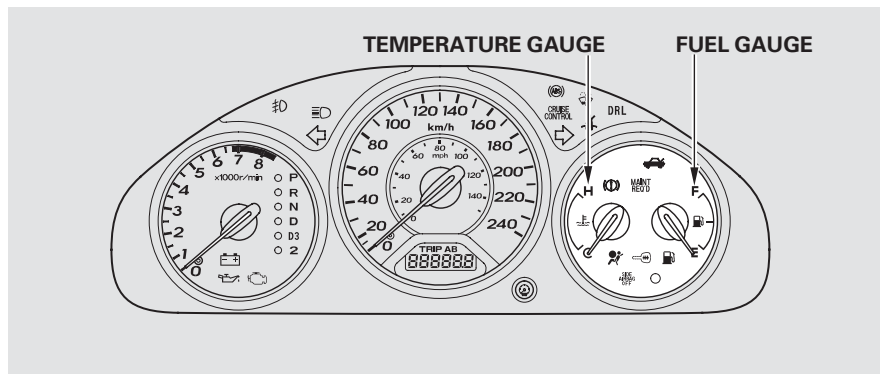
The trip meter shows the number of kilometers or miles driven since you last reset it. There are two trip meters: Trip A and Trip B.

The odometer and the two trip meters use the same display. To select, press the Select/Reset knob.

Each trip meter works independently, so you can keep track of two different distances. To reset a trip meter, display it, and then press and hold the Select/Reset knob until the number resets to “0.0”.

Both trip meters will reset if the vehicle’s battery goes dead or is disconnected.

Gauges



Fuel Gauge

This shows how much fuel you have. It may show slightly more or less than the actual amount. The needle returns to the bottom after you turn off the ignition.

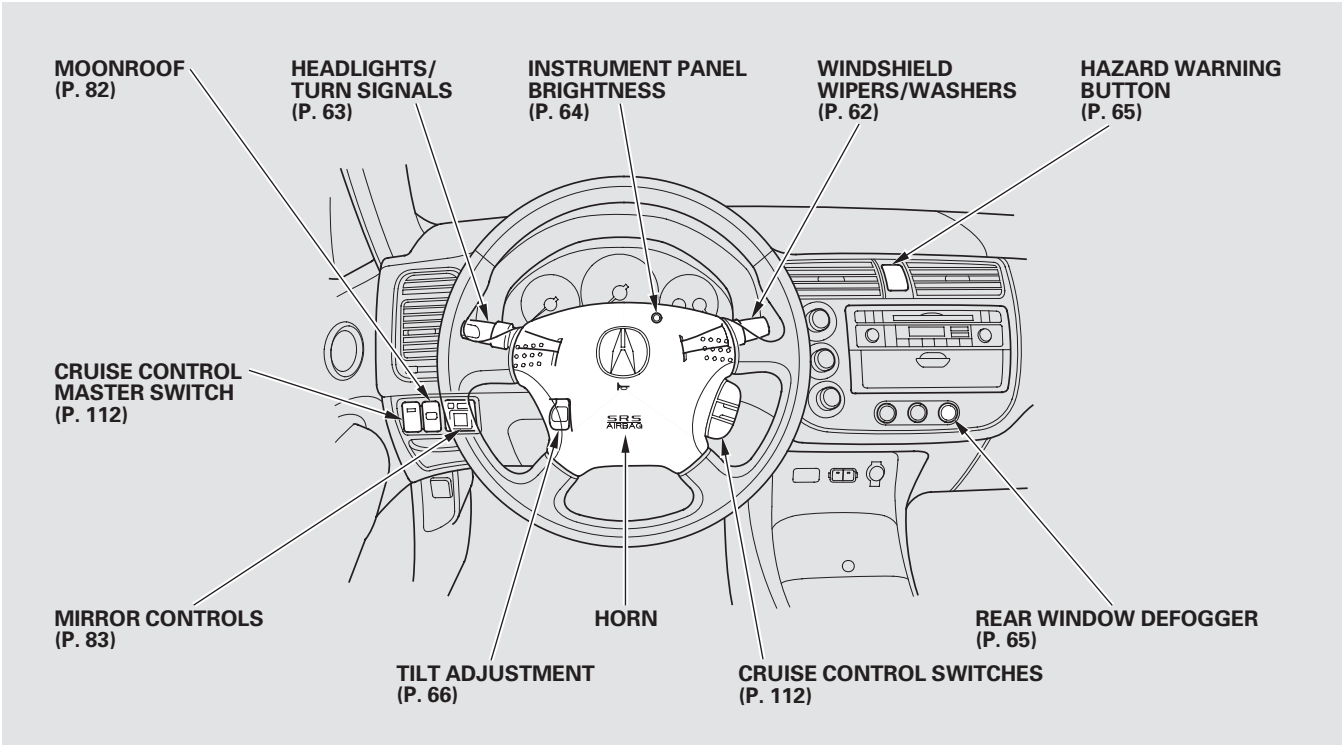
NOTICE

Avoid driving with an extremely low fuel level. Running out of fuel could cause the engine to misfire, damaging the catalytic converter.

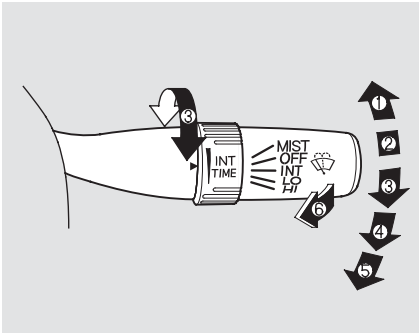
Temperature Gauge

This shows the temperature of the engine's coolant. During normal operation, the pointer should rise to about the middle of the gauge. In severe driving conditions, the pointer may rise to the upper zone. If it reaches the red (Hot) mark, pull safely to the side of the road. Turn to page 183 for instructions and precautions on checking the engine's cooling system.

Controls Near the Steering Wheel



Windshield Wipers and Washers



1. MIST
2. OFF
3. INT – Intermittent
4. LO – Low speed
5. HI – High speed
6. Windshield Washers

Push the right lever up or down to select a position.

MIST – The wipers run at high speed until you release the lever.

OFF – The wipers are not activated.

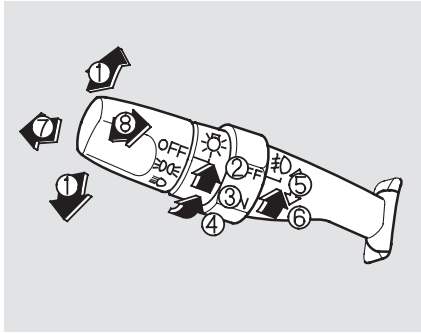
INT – The length of the wiper interval is varied automatically according to vehicle's speed. Vary the delay by turning the INT TIME ring.

LO – The wipers run at low speed.

HI – The wipers run at high speed.



Windshield Washer – Pull the wiper control lever toward you and hold it. The washers spray until you release the lever. The wipers run at low speed, then complete one more sweep after you release the lever.

Turn Signal, Headlights, and Fog lights



1. Turn Signal
2. Off
3. Parking and interior lights
4. Headlights on
5. Fog lights off
6. Fog lights on
7. High beams
8. Flash high beams

Turn Signal — Push down on the left lever to signal a left turn and up to signal a right turn. To signal a lane change, push lightly on the lever and hold it. The lever will return to center when you release it or complete a turn.

Headlights On — Turning the switch to the “ ” position turns on the parking lights, taillights, instrument panel lights, side-marker lights, and rear license plate lights. Turning the switch to the “ ” position turns on the headlights. If you leave the lights on with the key removed from the ignition switch, you will hear a reminder tone when you open the driver’s door.

Fog lights — Turning the switch on the left lever controls to the “ ” position.

High Beams — Pull the lever back until you hear a click to turn on the high beams. The blue high beam indicator will come on (see page 57). Pull the lever back again to low beams.

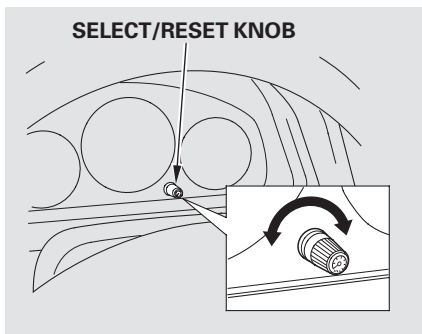
To flash the high beams, pull the lever back lightly, then release it. The high beams will stay on as long as you hold the lever back.

Daytime Running Lights

With the headlight switch off, the high beam headlights come on with reduced brightness when you turn the ignition switch to ON (II) and release the parking brake. They remain on until you turn the ignition switch off, even if you set the parking brake.

The headlights revert to normal operation when you turn them on with the switch.

Instrument Panel Brightness



Turn the Select/Reset knob on the right side of the instrument panel to adjust the brightness of the instrument panel lights.

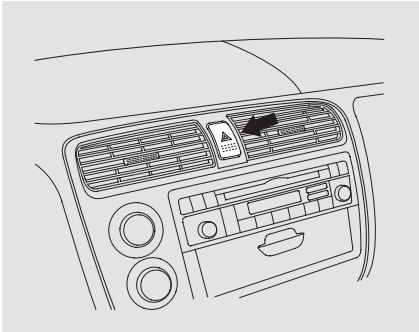
There are six brightness levels. When you turn the knob, the odometer/trip meter display changes to circles that show you the current level. You will hear a tone when you reach the maximum or minimum brightness.

The instrument panel dims when the parking lights or headlights are turned on. Adjust the brightness to the desired level with the headlight switch off, and also with the headlight switch on.

To reduce glare at night, the instrument panel illumination dims when you turn the light switch to ☞☞ or ☞☞ . Turning the Select/Reset knob fully to the right will return the instrument panel to the brightness adjusted with the headlight switch off and a tone will sound.

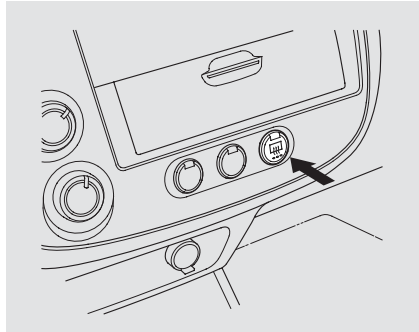
Hazard Warning Button, Rear Window Defogger

Hazard Warning Button



Push the red button to turn on the hazard warning lights (four-way flashers). This causes all four outside turn signals and both indicators in the instrument panel to flash. Use the hazard warning lights if you need to park in a dangerous area near heavy traffic, or if your vehicle is disabled.

Rear Window Defogger



The rear window defogger will clear fog, frost, and thin ice from the window. Push the defogger button to turn it on and off. The indicator in the button comes on to show the defogger is on. If you do not turn it off, the defogger will shut itself off after about 15 minutes. It also shuts off when you turn off the ignition switch. You have to turn the defogger on again when you restart the vehicle.

Make sure the rear window is clear and you have good visibility before starting to drive.

The defogger wires on the inside of the rear window can be accidentally damaged. When cleaning the glass, always wipe side-to-side.

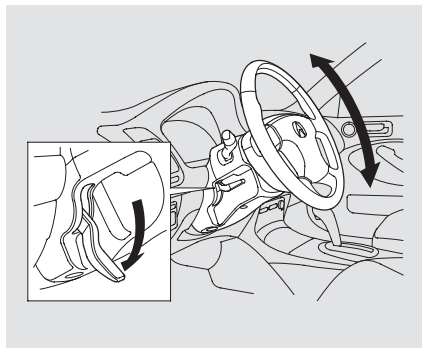
Steering Wheel Adjustment

Make any steering wheel adjustment before you start driving.

⚠ WARNING

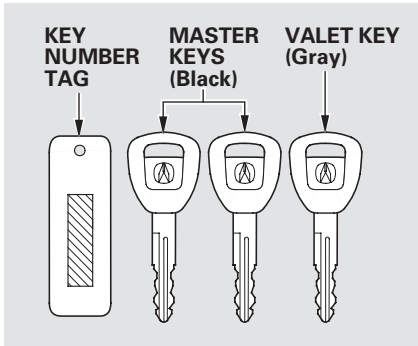
Adjusting the steering wheel position while driving may cause you to lose control of the vehicle and be seriously injured in a crash.

Adjust the steering wheel only when the vehicle is stopped.



1. Push the lever under the steering column all the way down.
2. Move the steering wheel so it points to your chest, not toward your face. Make sure you can see the instrument panel gauges and indicators.

3. Push the lever up to lock the steering wheel in that position.
4. Make sure you have securely locked the steering wheel in place by trying to move it up and down.



The master key fits all the locks on your vehicle.

The valet key works only in the ignition and the door locks. You can keep the trunk, trunk release handle and rear seat trunk access locked when you leave your vehicle and the valet key at a parking facility.

You should have received a key number tag with your set of keys. You will need this key number if you ever have to get a key replaced. Use only Acura-approved key blanks.

These keys contain electronic circuits that are activated by the Immobilizer System. They will not work to start the engine if the circuits are damaged.

- Protect the keys from direct sunlight, high temperature, and high humidity.
- Do not drop the keys or set heavy objects on them.
- Keep the keys away from liquids. If they get wet, dry them immediately with a soft cloth.

The keys do not contain batteries. Do not try to take them apart.

Immobilizer System

The Immobilizer System protects your vehicle from theft. If an improperly-coded key (or other device) is used, the engine will not start.

When you turn the ignition switch to ON (II), the Immobilizer System indicator should come on for a few seconds, then go out. If the indicator starts to blink, it means the system does not recognize the coding of the key. Turn the ignition switch to LOCK (0), remove the key, reinsert it, and turn the switch to ON (II) again.

The system may not recognize your key's coding if another immobilizer key or other metal object (i.e. key fob) is near the ignition switch when you insert the key.

If the system repeatedly does not recognize the coding of your key, contact your dealer.

Do not attempt to alter this system or add other devices to it. Electrical problems could result that may make your vehicle undriveable.

If you have lost your key and cannot start your engine, contact your dealer.

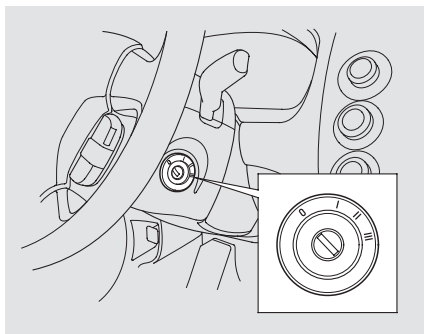
As required by the FCC:

This device complies with Part 15 of the FCC rules. 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.



The ignition switch has four positions: LOCK (0), ACCESSORY (I), ON (II), and START (III).

LOCK (0) – You can insert or remove the key only in this position. To turn the key, push it in slightly. If your vehicle has an automatic transmission, the shift lever must also be in park.

If the front wheels are turned, the anti-theft lock may make it difficult to turn the key. Firmly turn the steering wheel to the left or right as you turn the key.

ACCESSORY (I) – You can operate the audio system and the accessory power sockets in this position.

ON (II) – This is the normal key position when driving. Several of the indicators on the instrument panel come on as a test when you turn the ignition switch from ACCESSORY (I) to ON (II).

START (III) – Use this position only to start the engine. The switch returns to ON (II) when you let go of the key.

You will hear a reminder beeper if you leave the key in the ignition switch in the LOCK (0) or ACCESSORY (I) position and open the driver's door. Remove the key to turn off the beeper.

If your vehicle has an automatic transmission, the shift lever must be in Park before you can remove the key from the ignition switch.

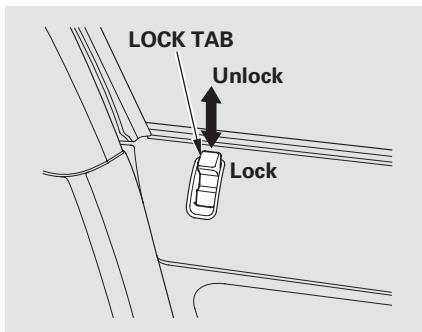
▲ WARNING

Removing the key from the ignition switch while driving locks the steering. This can cause you to lose control of the vehicle.

Remove the key from the ignition switch only when parked.

Door Locks

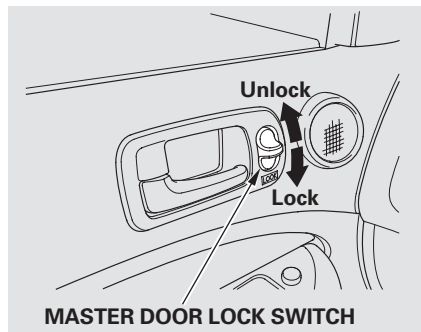
Door Locks



Each door has a lock tab on the top. Push the tab down to lock the door and pull it up to unlock.

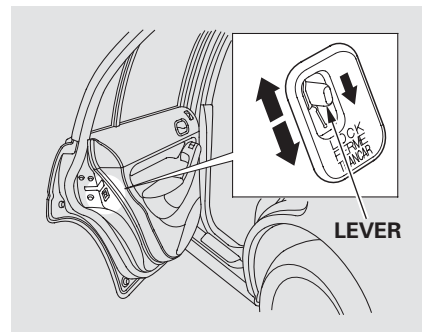
To lock any passenger's door when getting out of the vehicle, push the lock tab down and close the door. To lock the driver's door, pull and hold the outside door handle then push the lock tab down. Release the handle, then close the door.

Power Door Locks



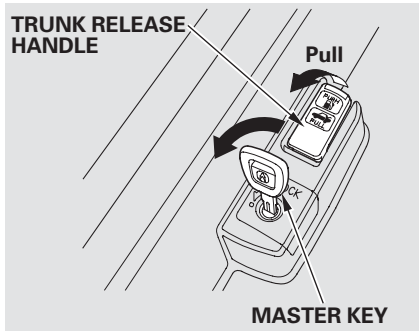
The master door lock switch allows control of all door locks from the driver's door. Push the switch down to lock all doors, and up to unlock them.

Childproof Door Locks



The childproof door locks are designed to prevent children seated in the rear from accidentally opening the rear doors. Each rear door has a lock lever near the edge. With the lever in the LOCK position, the door cannot be opened from the inside regardless of the position of the lock tab. To open the door, pull the lock tab up, and use the outside door handle.

Trunk

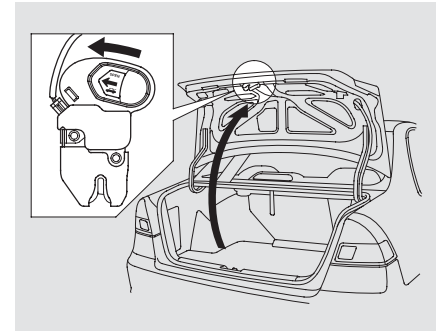


To open the trunk, pull the trunk release handle to the left of the driver's seat. To protect items in the trunk when you need to give the key to someone else, lock the trunk release handle with the master key and give the other person the valet key.

To close the trunk, press down on the trunk lid.

Keep the trunk lid closed at all times while driving to avoid damaging the lid, and to prevent exhaust gas from getting into the interior. See **Carbon Monoxide Hazard** on page 49.

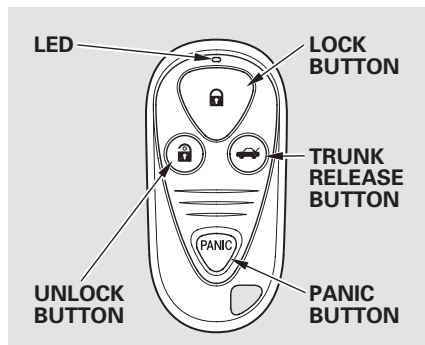
Emergency Trunk Opener



As a safety feature, your vehicle has a release lever on the trunk latch so the trunk can be opened from the inside. To open the trunk, push the release lever to the left.

Parents should decide if their children should be shown how to use this feature. For more information about child safety, see page 31.

Remote Transmitter



LOCK — Press this button once to lock all doors. Some exterior lights will flash. When you push **LOCK** twice within 5 seconds, you will hear a beep to verify that the doors are locked and the security system has set. You cannot lock the doors if any door is not fully closed or if the key is in the ignition switch.

UNLOCK — Press this button once to unlock the driver's door. Push it twice to unlock the other doors.

The ceiling light (if the ceiling light switch is in the center position) will come on when you press the **UNLOCK** button. If you do not open any door, the light stays on for about 30 seconds, then fades out. If you relock the doors with the remote transmitter before 30 seconds have elapsed, the light will go off immediately.

You cannot lock the doors with the remote transmitter if any door is not fully closed or the key is in the ignition switch.

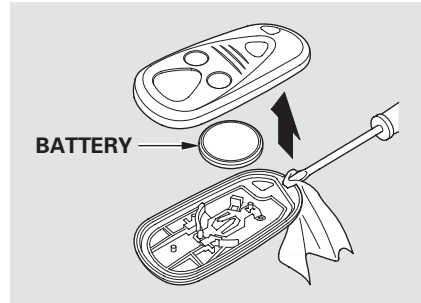
PANIC — Press this button for about 1 second to attract attention; the horn will sound and the exterior lights will flash for about 30 seconds. To cancel panic mode, press any other button on the remote transmitter, or turn the ignition switch to ON (II).

TRUNK — Press this button for about 1 second to open the trunk. You cannot open the trunk if the key is in the ignition switch.

Remote Transmitter Care

- Avoid dropping or throwing the transmitter.
- Protect the transmitter from extreme temperature.
- Do not immerse the transmitter in any liquid.
- If you lose a transmitter, the replacement needs to be reprogrammed by your dealer.

Replacing the Transmitter Battery



If it takes several pushes on the button to lock or unlock the doors, replace the battery as soon as possible.

Battery type: CR2025

To replace the battery, place a cloth on the edge of the transmitter, and remove the upper half by carefully prying on the edge with a small flat-tip screwdriver.

As required by the FCC:

This device complies with Part 15 of the FCC rules. 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada Standard RSS-210.

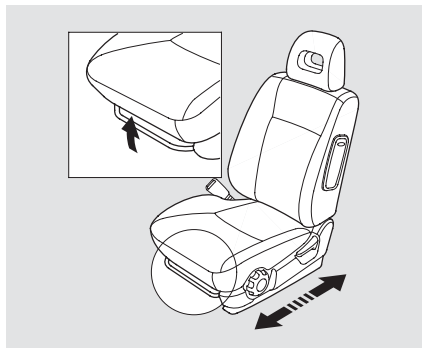
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.

Seats

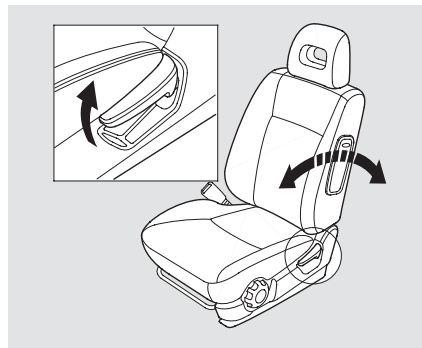
Front Seat Adjustments

See pages 13 – 15 for important safety information and warnings about how to properly position seats and seat-backs.

Make all seat adjustments before you start driving.

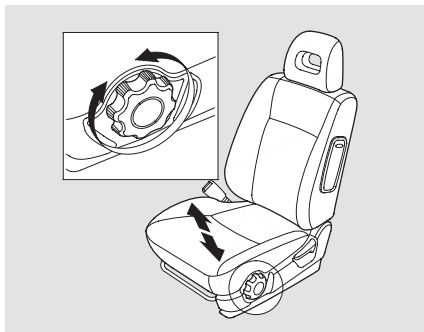


To adjust the seat forward and backward, pull up on the bar under the front seat cushion's front edge. Then try to move the seat to make sure it is locked in position.



To change the seat-back angle of the front seat, pull up on the lever on the outside of the seat bottom.

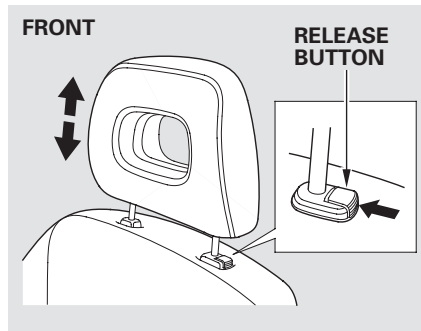
Driver's Seat Height Adjustment



To adjust the height of the driver's seat, turn the dial on the outside of the seat bottom.

Head Restraints

See page 16 for important safety information and a warning about how to properly position the head restraints.



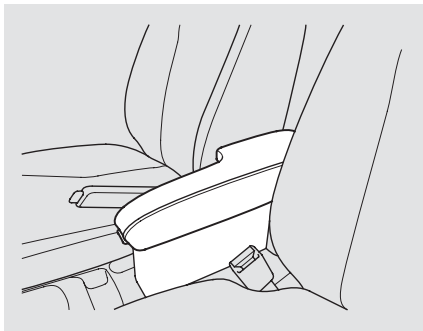
Your vehicle is equipped with head restraints in the front seats and the outboard seating positions in the rear.

The head restraints help protect you and your passengers from whiplash and other injuries. They are most effective when you adjust them so the back of the occupant's head rests against the center of the restraint.

The head restraints in the front and rear outboard seating positions adjust for height. You need both hands to adjust the restraint. To raise it, pull upward. To lower it, push the release button sideways and push the restraint down.

Seats

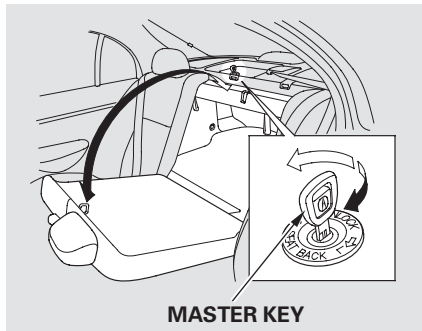
Armrest



The lid of the console compartment can be used as an armrest.

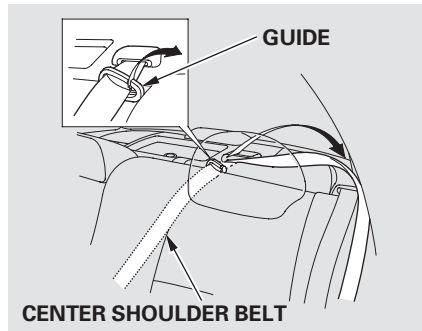
Make sure the passenger's hands or fingers are away from the armrest before pushing it down.

Folding Rear Seat



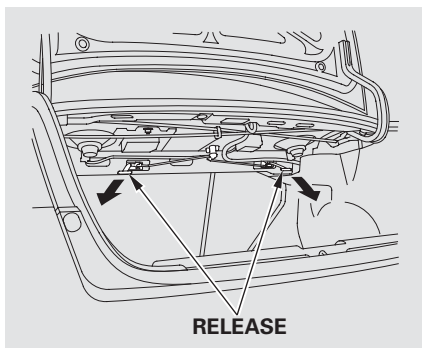
MASTER KEY

The left and right halves can be folded separately from inside the vehicle or inside the trunk. To fold down the seat-back from inside the vehicle, insert the master key in the lock on the rear shelf. To fold down the driver's side, turn the key clockwise, pull down the top of the seat-back, then release the key. To fold down the passenger's side, turn the key counterclockwise and perform the same procedure.



CENTER SHOULDER BELT

When storing cargo, you can move the rear center shoulder belt out of the way by removing the belt from the guide.



To release the seat-back from inside the trunk, pull the release under the trunk panel. Push the seat-back down, then let go of the release.

To lock the seat-back upright, push it firmly against the trunk panel. Make sure it is latched in place by pulling on the top of the seat.

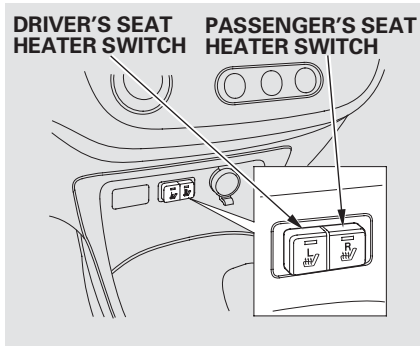
Make sure all rear shoulder belts are positioned in front of the rear seat-back whenever it is in the upright position.

Do not put any heavy items on the seat-back when it is folded.

Make sure all items in the trunk, or items extending through the opening into the back seat, are secured. Loose items can fly forward and cause injury if you have to brake hard. See **Carrying Cargo** on page 124.

Never drive with the seat-back folded down and the trunk lid open. See **Carbon Monoxide Hazard** on page 49.

Seat Heaters



On Premium Package

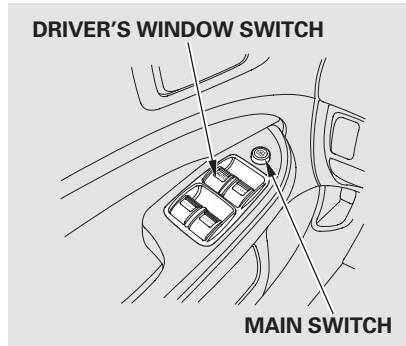
Both front seats are equipped with seat heaters. The ignition switch must be in the ON (II) position to use them. Push the heater switch to turn the power on or off. The indicators will come on and remain on while the heaters are on.

Do not use the seat heaters when the engine is off or when idling for a long period of time. They can drain the battery, making your vehicle hard to start.

Because of the sensors for the side airbag system, there is no heater in the seat-back.

Your vehicle's windows are electrically-powered. Turn the ignition switch to ON (II) to raise or lower any window.

Each door has a switch that controls its window. To open the window, push the switch down and hold it. Release the switch when you want the window to stop. Close the window by pulling back on the switch and holding it.



The driver's door armrest has a master power window control panel. To open any of the passenger's windows, push down on the appropriate switch and hold it until the window reaches the desired position. To close the window, pull back on the window switch. Release the switch when the window gets to the position you want.

⚠ WARNING

Closing a power window on someone's hands or fingers can cause serious injury.

Make sure your passengers are away from the windows before closing them.

CONTINUED

Power Windows

The master control panel also contains these extra features:

AUTO – To open the driver's window fully, push the window switch firmly down, then release it. The window automatically goes down all the way. To stop the window from going all the way down, pull back on the window switch briefly.

To open the driver's window only partially, push the window switch down lightly and hold it. The window will stop as soon as you release the switch.

The AUTO function only works to lower the driver's window. To raise the window, you must pull back on the window switch and hold it until the window reaches the desired position.

The indicator in the AUTO switch comes on when you turn the ignition switch to ON (II).

The MAIN switch controls power to the passenger's windows. With this switch off, the passenger's windows cannot be raised or lowered. The MAIN switch does not affect the driver's window. To cancel this feature, push on the switch again to get it to pop up. Keep the MAIN switch off when you have children in the vehicle so they do not injure themselves by operating the windows unintentionally.

Auto Reverse

If the driver's window runs into any obstacle while it is closing automatically, it will stop, and then reverse direction. To close the window, remove the obstacle, then use the window switch again.

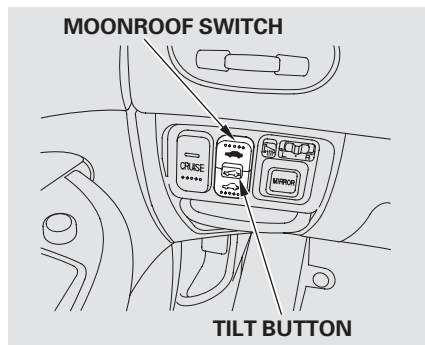
Auto reverse stops sensing when the window is almost closed. You should always check that all passengers and objects are away from the window before closing it.

If your vehicle's battery is disconnected or goes dead, or the driver's window fuse is removed, the AUTO function will be disabled. The power window system needs to be reset after reconnecting the battery or installing the fuse. You should do the following.




1. Start the engine. Push down and hold the driver's window switch until the window is fully open.
2. Pull and hold the driver's window switch to close the window completely, then hold the switch for a second or two more.

If the power windows do not operate properly after resetting, have your vehicle checked by your dealer.

Moonroof



The moonroof can be tilted up in the back for ventilation, or it can be slid back into the roof. Use the switch under the left dashboard vent to operate the moonroof. You must turn the ignition switch to ON (II) for the moonroof to operate.

To tilt up the back of the moonroof, press and hold the center button (). To close the moonroof, press and hold the top of the switch (). To open the moonroof, press and hold the bottom of the switch ().

⚠ WARNING

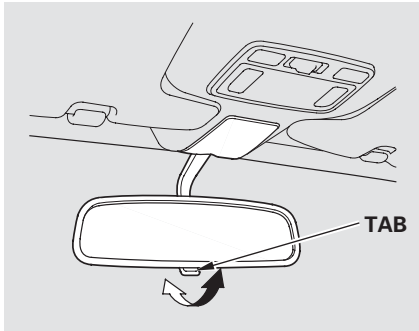
Opening or closing the moonroof on someone's hands or fingers can cause serious injury.

Make sure all hands and fingers are clear of the moonroof before opening or closing it.

NOTICE

If you try to open the moonroof in below-freezing temperatures, or when it is covered with snow or ice, you can damage the moonroof panel or motor.

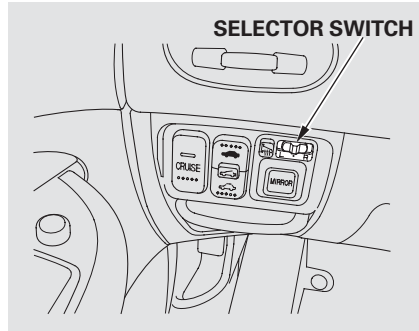
Mirrors



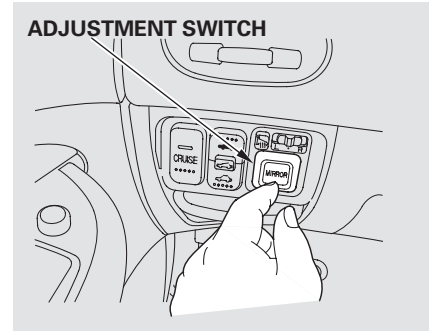
Keep the inside and outside mirrors clean and adjusted for best visibility. Be sure to adjust the mirrors before you start driving.

The inside mirror has day and night positions. The night position reduces glare from headlights behind you. Flip the tab on the bottom edge of the mirror to select the day or night position.

Adjusting the Power Mirrors



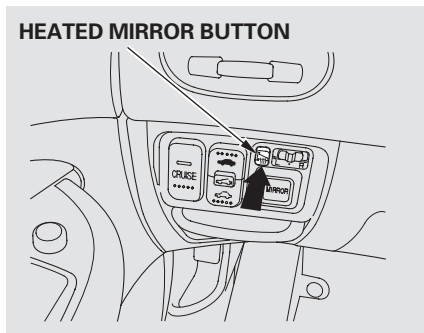
1. Move the selector switch to L (driver's side) or R (passenger's side).



2. Push the appropriate edge of the adjustment switch to move the mirror right, left, up, or down.
3. When you finish, move the selector switch to the center (off) position. This turns the adjustment switch off to keep your settings.

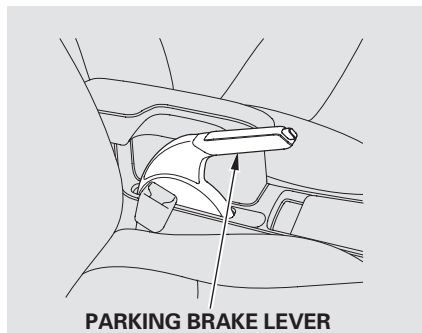
Mirrors, Parking Brake

Power Mirror Heaters



The outside mirrors are heated to remove fog and frost. With the ignition switch in the ON (II) position, turn on the heaters by pressing the button. The indicator in the button comes on as a reminder. Press the button again to turn the heaters off.

Parking Brake

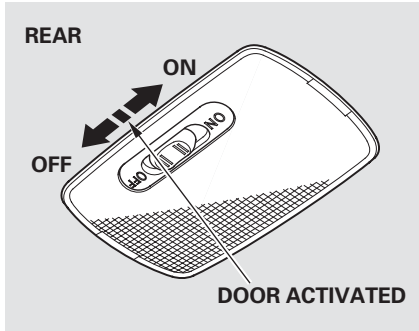


To apply the parking brake, pull the lever up fully. To release it, pull up slightly, push the button, and lower the lever. The parking brake indicator on the instrument panel should go out when the parking brake is fully released (see page 56).

NOTICE

Driving the vehicle with the parking brake applied can damage the rear brakes and axles.

Ceiling Light

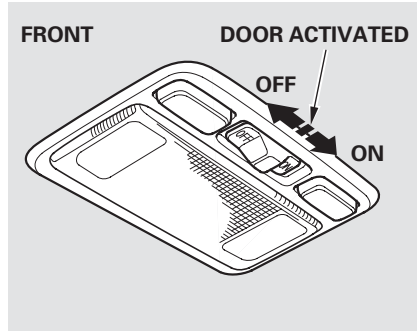


The ceiling light has a three-position switch: ON, Door Activated, and OFF.

In the Door Activated (center) position, the light comes on when you:

Open any door.

- Remove the key from the ignition.
- If you do not open a door, the light fades out in about 10 seconds.
- Unlock the doors with the key or remote transmitter.



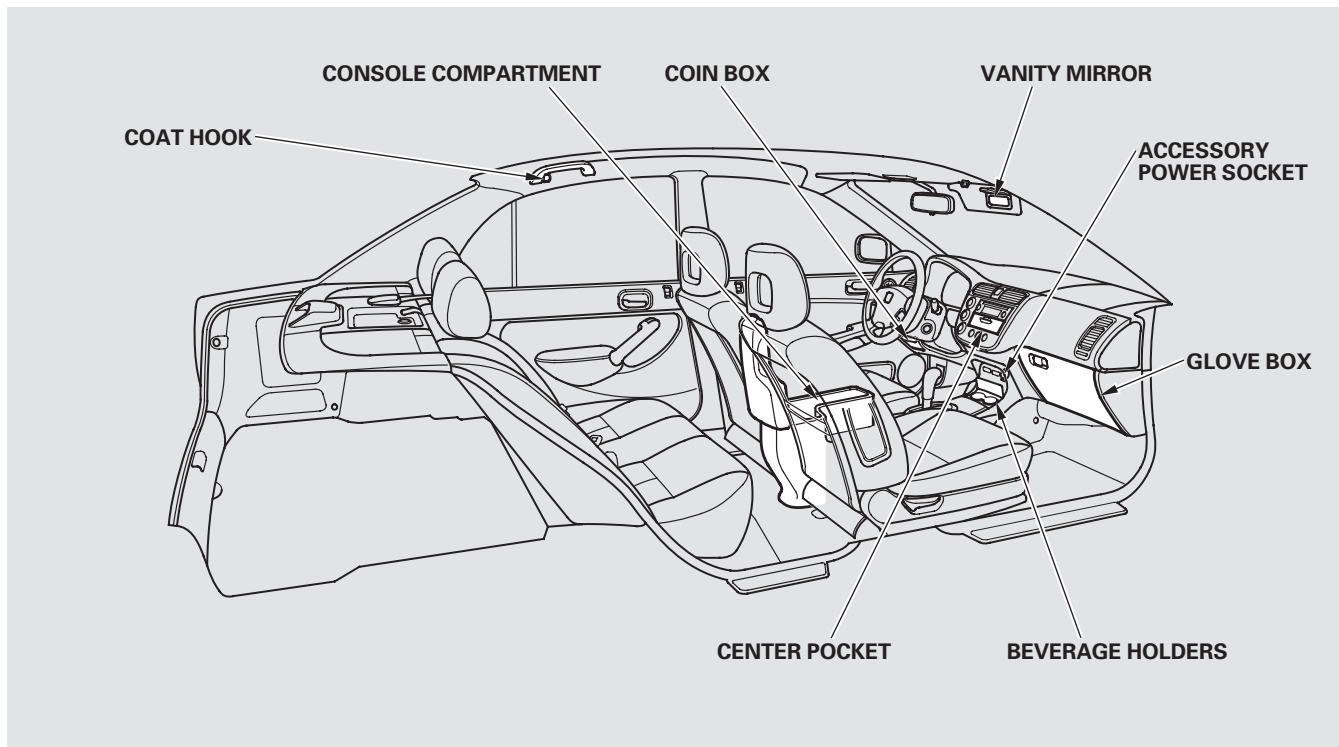
The front ceiling light also contains two spotlights. Push the button next to the light to turn it on and off.

Push on the spotlight lenses to turn the light on and off.

Individual Interior Lights

The lights around the ignition switch come on when you open any door. After you close the door, the ignition switch light stays on for several seconds.

Interior Convenience Items



Beverage Holders

Be careful when you are using the beverage holders. A spilled liquid that is very hot can scald you or your passengers. Spilled liquids can damage the upholstery, carpeting, and electrical components in the interior.

Accessory Power Socket

This socket is intended to supply power for 12 volt DC accessories that are rated 120 watts or less (10 amps).

Glove Box

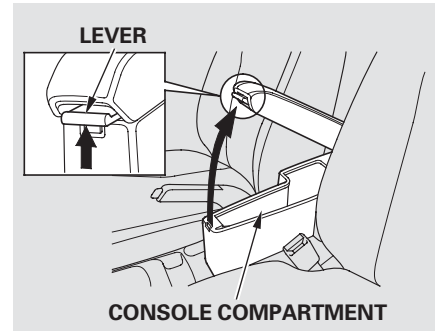
Open the glove box by squeezing the handle. Close it with a firm push.

⚠ WARNING

An open glove box can cause serious injury to your passenger in a crash, even if the passenger is wearing the seat belt.

Always keep the glove box closed while driving.

Console Compartment



To open the console compartment, pull the left lever and lift the lid.

To close, lower the lid and push it down until it latches.

Interior Convenience Items

Ashtrays (Optional)

Front and rear ashtrays are available as options.

NOTICE

Use the ashtray only for cigarettes, cigars, and other smoking materials. To prevent a possible fire and damage to your vehicle, don't put paper or other things that can burn in the ashtray.

The heating and air conditioning systems in your Acura provide a comfortable driving environment in all weather conditions.

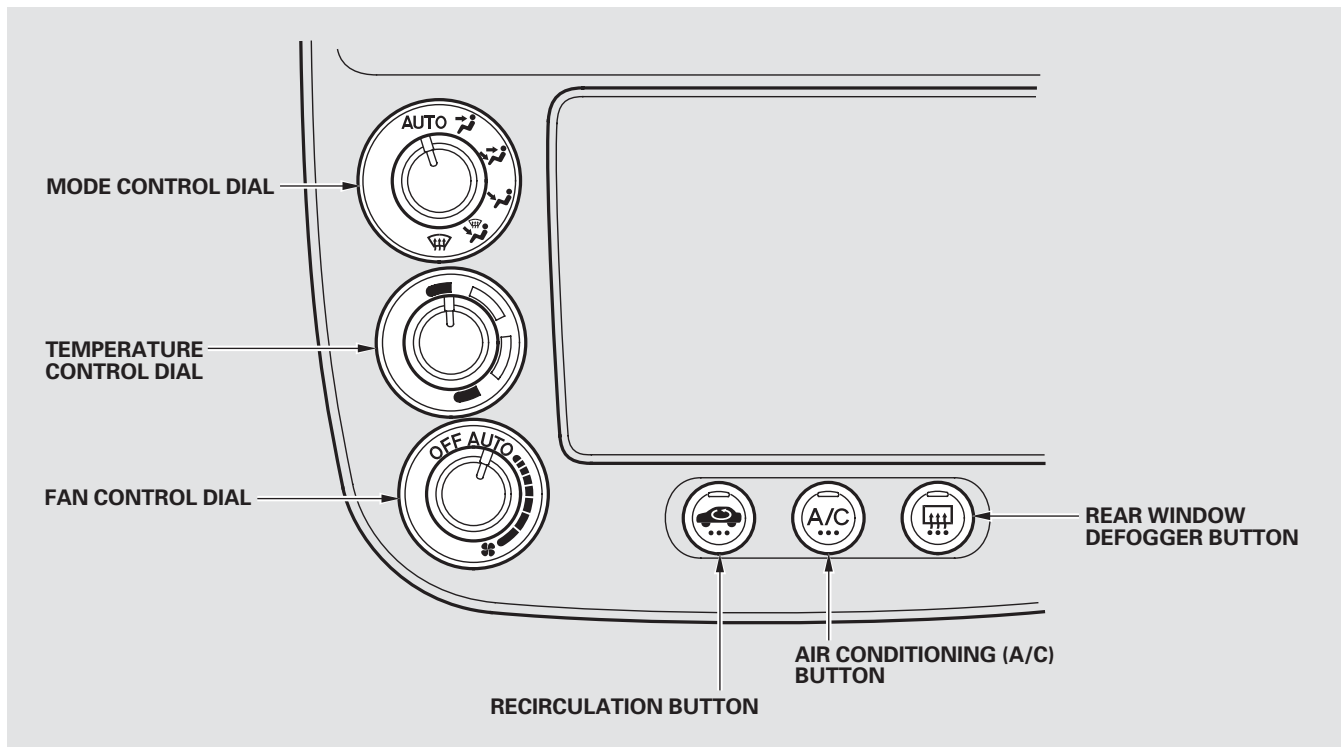
The standard audio system has many features. This section describes those features and how to use them. (If you selected an optional audio system, refer to the operating instructions that came with it.)

Your Acura has an anti-theft audio system that requires a code number to enable it.

The security system helps to discourage vandalism and theft of your Acura.

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Vents, Heating, and A/C



Fan Control Dial

Turn this dial to increase or decrease the fan speed and airflow.

Temperature Control Dial

Turning this dial clockwise increases the temperature of the airflow.

Air Conditioning (A/C) Button

This button turns the air conditioning on and off. The indicator in the button is on when the A/C is on.

Recirculation Button

When the recirculation indicator is on, air from the vehicle's interior is sent throughout the system again. When the indicator is off, air is brought in from the outside of the vehicle (Fresh Air mode).

The outside air intakes for the heating and cooling system are at the base of the windshield. Keep this area clear of leaves and other debris.

The system should be left in Fresh Air mode under almost all conditions. Keeping the system in Recirculation mode, particularly with the A/C off, can cause the windows to fog up.

Switch to Recirculation mode when driving through dusty or smoky conditions, then return to Fresh Air mode.


Rear Window Defogger Button



This button turns the rear window defogger off and on (see page 65).


Mode Control Dial


Use the mode control dial to select the vents the air flow from. Some air will flow from the dashboard vents in all modes.



 Air flows from the center and corner vents in the dashboard.

 Airflow is divided between the vents in the dashboard and the floor vents.

 Air flows from the floor vents. When you select , the system automatically switches to Fresh Air mode.

 Airflow is divided between the floor vents and the defroster vents at the base of the windshield.


 Air flows from the defroster vents at the base of the windshield.

When you select  or , the system automatically switches to Fresh Air mode and turns on the A/C.

Vents, Heating, and A/C

Ventilation

The flow-through ventilation system draws in outside air, circulates it through the interior, then exhausts it through vents near the rear window.

1. Set the temperature to the lower limit.
2. Make sure the A/C is off.
3. Select  and Fresh Air mode.
4. Set the fan to the desired speed.


Using the Heater

The heater uses engine coolant to warm the air. If the engine is cold, it will be several minutes before you feel warm air coming through the system.

1. Select  and Fresh Air mode.
2. Set the fan to the desired speed.
3. Adjust the warmth of the air with the temperature control dial.

Using the A/C

Air conditioning places an extra load on the engine. Watch the engine coolant temperature gauge (see page 60). If it moves near the red zone, turn off the A/C until the gauge reads normally.

1. Turn on the A/C by pressing the ON button. The indicator in the button comes on when a fan speed is selected.
2. Make sure the temperature control dial or button is set to maximum cool.
3. Select .
4. If the outside air is humid, select Recirculation mode. If the outside air is dry, select Fresh Air mode.
5. Set the fan to the desired speed.

If the interior is very warm, you can cool it down more rapidly by partially opening the windows, turning on the A/C, and setting the fan to maximum speed in Fresh Air mode.

Dehumidify the Interior



Air conditioning, as it cools, removes moisture from the air. When used in combination with the heater, it makes the interior warm and dry.


1. Turn the fan on.
2. Turn on the air conditioning.
3. Select  and Fresh Air mode.
4. Adjust the temperature to your preference.

This setting is suitable for all driving conditions whenever the outside temperature is above 0°C (32°F).



To Defog and Defrost

To remove fog from the inside of the windows:

1. Set the fan to the desired speed, or high for faster defrosting.
2. Select . The system automatically switches to Fresh Air mode and turns on the A/C.
3. Adjust the temperature so the airflow feels warm.
4. Select  to help clear the rear window.
5. To increase airflow to the windshield, close the corner vents.

When you switch to another mode from , the A/C stays on. Press the A/C button to turn it off.

To Remove Exterior Frost or Ice From the Windows

1. Select . The system automatically switches to Fresh Air mode and turns on the A/C.
2. Select .
3. Set the fan and temperature controls to maximum level.

To clear the windshield faster, you can close the dashboard corner vents by rotating the wheel below each vent. This sends more warm air to the windshield defroster vents. Once the windshield is clear, select Fresh Air mode to avoid fogging the windows.

For your safety, make sure you have a clear view through all the windows before driving.

To Cool or Heat Automatically

The automatic climate control system can adjust the fan speed and airflow levels to maintain the interior temperature you select.

Using Automatic Climate Control

To use the heating and cooling system in automatic mode, set the system as follows.

1. Set the fan control dial to AUTO.
2. Set the mode control dial to AUTO.
3. Set the desired temperature by turning the temperature control dial. Turning this dial clockwise increases the temperature of the air flow.
4. Select Fresh Air mode. The indicator in the button should be off.
5. Turn on the A/C by pressing the button for cooling and dehumidifying. The indicator in the button lights.

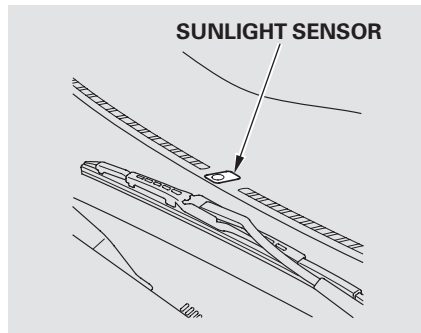
Climate Control

To Turn Everything Off

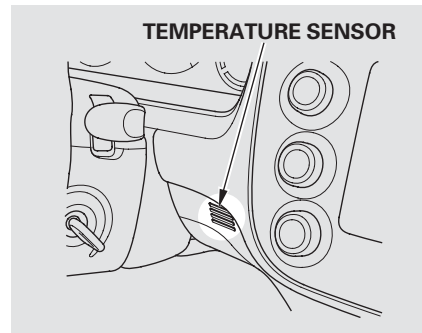
To shut off the system temporarily, turn the fan speed and temperature control dials all the way to the left.

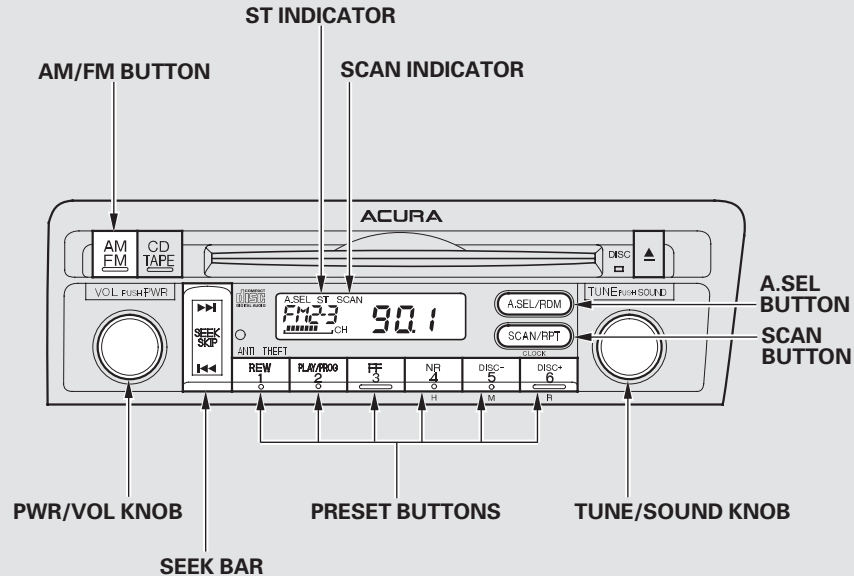
You should shut the system completely off only for the first few minutes of driving in cold weather, until the engine coolant warms up enough to operate the heater. Keep the fan on at all other times so stale air does not build up in the interior.

Sunlight and Temperature Sensors



To regulate the interior temperature, the system has two sensors. A sunlight sensor is in the top of the dashboard and a temperature sensor is next to the steering column. Do not cover the sensors or spill any liquid on them.





Playing the Radio

To Play the Radio

The ignition switch must be in the ACCESSORY (I) or ON (II) position. Turn the system on by pushing the PWR/VOL knob or the AM/FM button. Adjust the volume by turning the PWR/VOL knob.

The band and frequency that the radio was last tuned to is displayed. To change bands, press the AM/FM button. On the FM band, ST will be displayed if the station is broadcasting in stereo. Stereo reproduction on AM is not available.

To Select a Station

You can use any of five methods to find radio stations on the selected band: **TUNE**, **SEEK**, **SCAN**, the preset buttons, and **AUTO SELECT**.

TUNE — Use the TUNE knob to tune the radio to a desired frequency. Turn the knob right to tune to a higher frequency, or left to tune to a

lower frequency.

SEEK — The SEEK function searches up and down from the current frequency to find a station with a strong signal. To activate it, press the ◀◀ or ▶▶ side of the bar, then release it.

SCAN — The SCAN function samples all stations with strong signals on the selected band. To activate it, press the SCAN button, then release it. You will see SCAN in the display. The system will scan for a station with a strong signal. When it finds one, it will stop and play that station for about 5 seconds.

If you do nothing, the system will then scan for the next strong station and play it for 5 seconds. When it plays a station that you want to listen to, press the SCAN button again.

Preset — Each preset button can store one frequency on AM, and two frequencies on FM.

1. Select the desired band, AM or FM. FM1 and FM2 let you store two frequencies with each preset button.
2. Use the TUNE, SEEK, or SCAN function to tune the radio to a desired station.
3. Pick a preset button, and hold it until you hear a beep.
4. Repeat steps 1 through 3 to store a total of six stations on AM and twelve stations on FM.

The preset frequencies will be lost if your vehicle's battery goes dead, is disconnected, or the radio fuse is removed.

AUTO SELECT – If you are traveling far from home and can no longer receive your preset stations, you can use the Auto Select feature to find stations in the local area.

Press the A. SEL button. “A.SEL” flashes in the display, and the system goes into scan mode for several seconds. It stores the frequencies of six AM, and twelve FM stations in the preset buttons.

You will see a “0” displayed after pressing a preset button if Auto Select cannot find a strong station for every preset button.

If you do not like the stations Auto Select has stored, you can store other frequencies on the preset buttons as previously described.

To turn off Auto Select, press the A. SEL button. This restores the presets you originally set.

Adjusting the Sound

Press the MODE (TUNE) knob repeatedly to display the Bass (BAS), Treble (TRE), Balance (BAL), and Fader (FAD) setting.

Each mode is shown in the display as it changes. Turn the SOUND (TUNE) knob to adjust the setting to your liking. When the level reaches the center, you will see “C” in the display. The system will automatically return the display to the selected audio mode about 5 seconds after you stop adjusting a mode.

Treble/Bass – Use the TRE/BAS modes to adjust the tone to your liking.

Balance/Fader – These two modes adjust the strength of the sound coming from each speaker. BAL adjusts the side-to-side strength, while FAD adjusts the front-to-back strength.

Audio System Lighting

You can use the instrument panel brightness control knob to adjust the illumination of the audio system (see page 64). The audio system illuminates when the parking lights are on, even if the radio is off.

Radio Reception

Radio Frequencies

The radio can receive the complete AM and FM bands.

Those bands cover these frequencies:

AM band: 530 to 1,710 kilohertz

FM band: 87.7 to 107.9 megahertz

Radio stations on the AM band are assigned frequencies at least ten kilohertz apart (530, 540, 550).

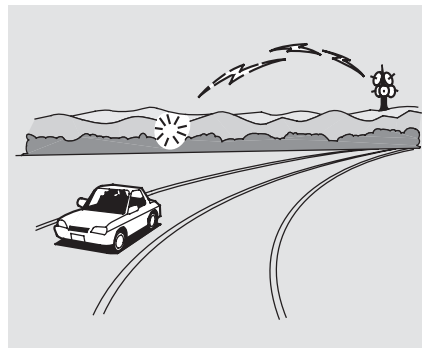
Stations on the FM band are assigned frequencies at least 0.2 megahertz apart (87.9, 88.1, 88.3).

Stations must use these exact frequencies. It is fairly common for stations to round-off the frequency in their advertising, so your radio could display a frequency of 100.9 even though the announcer may identify the station as "FM101."

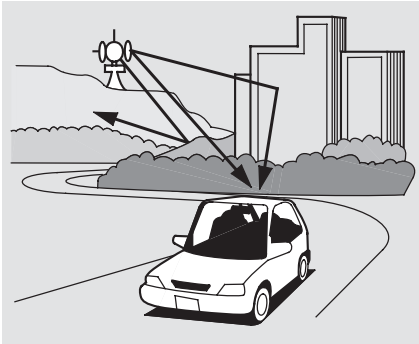
Radio Reception

How well the radio receives stations is dependent on many factors, such as the distance from the station's transmitter, nearby large objects, and atmospheric conditions.

A radio station's signal gets weaker as you get farther away from its transmitter. If you are listening to an AM station, you will notice the sound volume becoming weaker and the station drifting in and out. If you are listening to an FM station, you will see the stereo indicator flickering off and on as the signal weakens. Eventually, the stereo indicator will go off and the sound will fade completely as you get out of range of the station's signal.



Driving very near the transmitter of a station that is broadcasting on a frequency close to the frequency of the station you are listening to can also affect your radio's reception. You may temporarily hear both stations, or hear only the station you are close to.



Radio signals, especially on the FM band, are deflected by large objects such as buildings and hills. Your radio then receives both the direct signal from the station's transmitter, and the deflected signal. This causes the sound to distort or flutter. This is a main cause of poor radio reception in city driving.

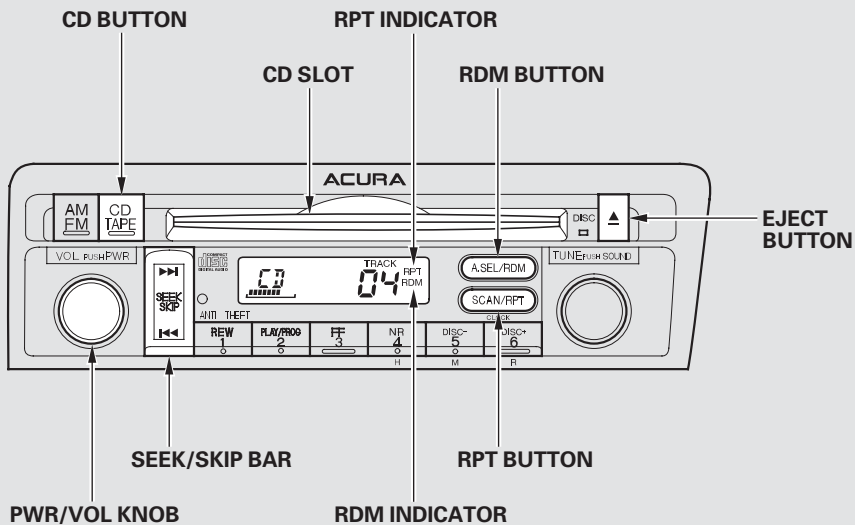


Radio reception can be affected by atmospheric conditions such as thunderstorms, high humidity, and even sunspots. You may be able to receive a distant radio station one day and not receive it the next day because of a change in conditions.

Electrical interference from passing vehicles and stationary sources can cause temporary reception problems.

*As required by the FCC:
Changes or modifications not expressly
approved by the party responsible for
compliance could void the user's
authority to operate the equipment.*

Playing a CD



To Play a CD

With the ignition switch in the ACCESSORY (I) or ON (II) position, insert a CD into the CD slot. The drive will pull the CD in the rest of the way and begin to play it. The number of the track playing is shown in the display. The system will continuously play a CD until you change modes.

NOTICE

Do not use discs with adhesive labels. The label can curl up and cause the disc to jam in the unit.

SKIP

Each time you press and release the ►►| bar, the player skips forward to the beginning of the next track.

Press and release the |◄◄ bar to skip backward to the beginning of the current track.

To move rapidly within a track, press and hold the ►►| or |◄◄ . You will see CUE or REW in the display.

REPEAT — To continuously replay a track, press and release the RPT button. You will see RPT in the display. Press it again to turn it off.

RANDOM — This feature plays the tracks in random order. To activate Random Play, press and release the RDM button. You will see RDM in the display. Press it again to return to normal play.

To Stop Playing a CD

Press the eject button (▲) to remove the CD. If you eject the CD, but do not remove it from the slot, the system will automatically reload the CD after 15 seconds and put it in pause mode. To begin playing, press the CD button.

Press the AM/FM button to switch to the radio while a CD is playing. Press the CD button to play the CD.

If you turn the system off while a CD is playing, either with the PWR/VOL knob or by turning off the ignition, the disc will stay in the drive. When you turn the system back on, the CD will begin playing where it left off.

CD Changer

Operating the Optional CD Changer

An optional six CD changer is available for your vehicle from your dealer. This disc changer uses the same controls used for the in-dash CD player.

Load the CDs in the magazine and load the magazine in the changer according to the instructions that came with the unit.

To select the CD changer, press the CD button. The CD and track numbers will be displayed. To select a different CD, use the preset 5 (DISC -) or preset 6 (DISC +) button.

If you select an empty slot in the magazine, the changer will, after finding that slot empty, try to load the CD in the next slot. This continues until it finds a CD to load and play.

General Information

- When using CD-R/CD-RW discs, use only high quality CDs labeled for audio use.
- When recording a CD-R/CD-RW, the recording must be closed for it to be used by the system.
- Play only standard round CDs. Odd-shaped CDs may jam in the drive or cause other problems.
- Handle your CDs properly to prevent damage and skipping.

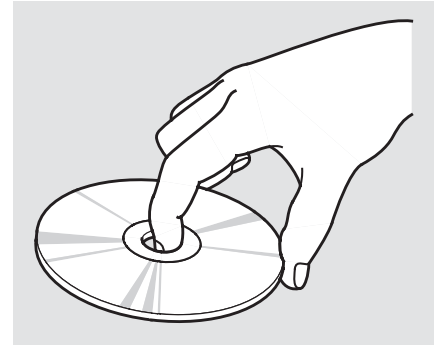
Protecting CDs

When a CD is not being played, store it in its case to protect it from dust and other contamination. To prevent warpage, keep CDs out of direct sunlight and extreme heat.

To clean a CD, use a clean soft cloth. Wipe across the CD from the center to the outside edge.

A new CD may be rough on the inner and outer edges. The small plastic pieces causing this roughness can flake off and fall on the recording surface of the CD, causing skipping or other problems. Remove these pieces by rubbing the inner and outer edges with the side of a pencil or pen.

Never try to insert foreign objects in the CD player or the magazine.



Handle a CD by its edges; never touch either surface. Do not place stabilizer rings or labels on the CD. These, along with contamination from fingerprints, liquids, and felt-tip pens, can cause the CD to not play properly, or possibly jam in the drive.

CD Player Error Messages

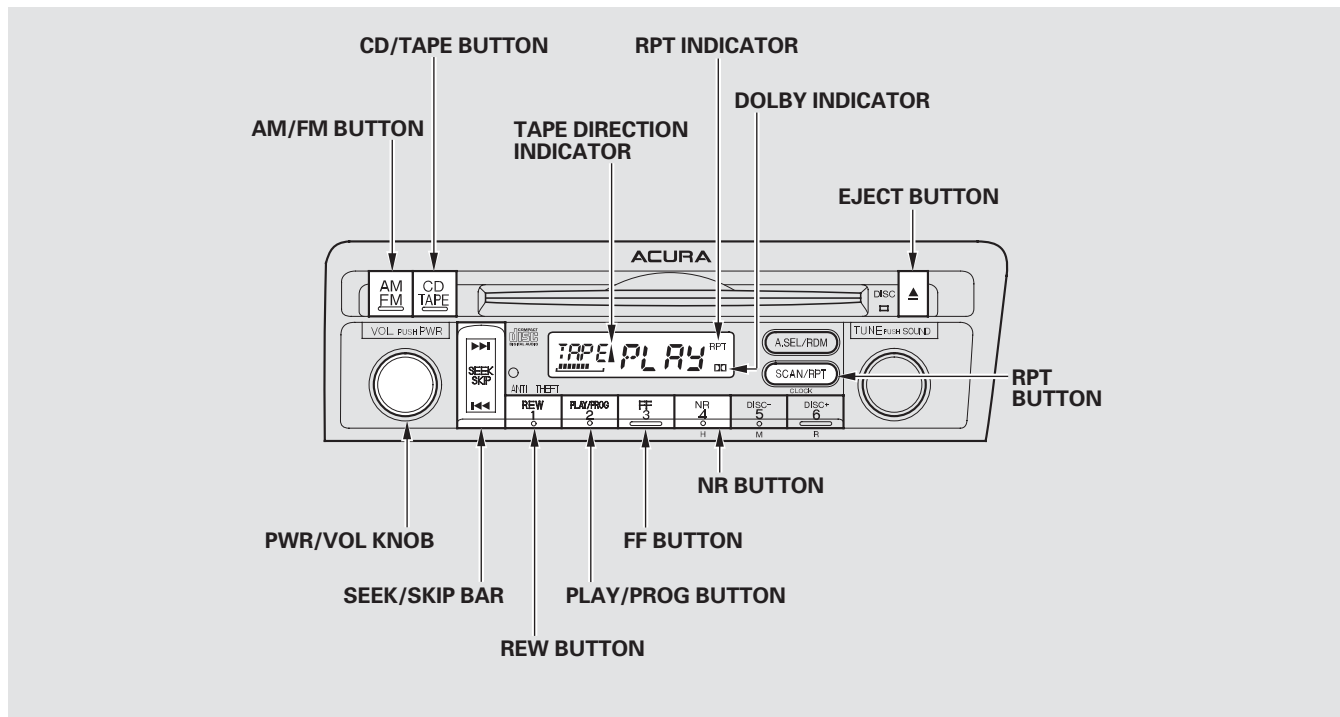
If you see an error message in the display while playing a CD, find the cause in the chart to the right. If you cannot clear the error message, take the vehicle to your dealer.

Indication	Cause	Solution
<i>CD DISC</i>	FOCUS Error	Press the EJECT button and pull out the CD. Check if the CD is inserted correctly in the CD player. Make sure the CD is not scratched or damaged.
<i>CD ERR</i>	Mechanical Error	Press the EJECT button and pull out the CD. Check the CD for damage or deformation. If the CD cannot be pulled out, or the error message does not disappear after the CD is ejected, see your dealer.
<i>CD Hot</i>	High temperature	Will disappear when the temperature returns to normal.

If you see an error message in the display while playing a CD, find the cause in the chart to the right. If you cannot clear the error message, take the vehicle to your dealer.

Indication	Cause	Solution
CD DISC	FOCUS Error	Press the magazine eject button and pull it out, check for an error indication, and insert the magazine again. If the message does not disappear or the magazine cannot be pulled out, see your dealer.
	No CD in the CD magazine	Insert CD magazine.
CD ERR	Mechanical Error	Press the magazine eject an button and pull it out the magazine, check for an error indication, and insert the magazine again. If the message does not disappear or the magazine cannot be pulled out, see your dealer.
CD HOT	High temperature	Will disappear when the temperature returns to normal.
CD EJECT	No CD magazine in the CD changer	Insert CD magazine.

Playing a Tape



To Play a Tape

Optional on all models

The ignition switch must be in the ACCESSORY (I) or ON (II) position. Make sure the open side of the tape is facing right, then insert the tape most of the way into the slot. The system will pull the tape in the rest of the way, and begin to play it.

The tape direction indicator in the display comes on to show you which side of the tape is playing. The ▲ indicates the side you inserted upward is now playing. If you want to play the other side, press the PLAY/PROG button. When the player reaches the end of the tape, it will automatically reverse direction and play the other side.

Dolby* noise reduction turns on when you insert a tape. The □□ indicator comes on. If the tape was not recorded in Dolby, turn it off by pressing the NR button. Dolby remains off until you press the NR button again.

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol □□ are trademarks of Dolby Laboratories Licensing Corporation.

To Stop Playing a Tape

To remove the tape, press the EJECT button. If you want to turn the player off, press the PWR/VOL knob or turn off the ignition. The tape will remain in the drive. When you turn the system back on, the tape will begin playing where it left off.

To switch to the radio or CD player while a tape is playing, press the AM/FM or CD/TAPE button. To change back to the tape player, press the CD/TAPE button.

Tape Search Functions

FF/REW — To rewind the tape, push the REW button. You will see REW in the display. To fast forward the tape, push the FF button. You will see FF displayed. Press the FF, REW, or PLAY/PROG button to take the system out of rewind or fast forward.

SKIP — Press ◀◀ bar to find the beginning of the current song or passage. Press ▶▶ bar to find the beginning of the next song or passage. When the system reaches the beginning of a song or passage, it begins to play it.

CONTINUED

Playing a Tape

REPEAT — Press the RPT button to continuously play a song or passage. You will see RPT displayed. The track will repeat until you press the RPT button again.

NOTE: The SKIP and REPEAT functions use silent periods on the tape to find the end of a song or passage. These features may not work if there is almost no gap between selections, a high noise level, or a silent period in the middle of a selection.

Caring for the Tape and Player

The tape player picks up dirt and oxides from the tape. This contamination build up over time and causes the sound quality to degrade. To prevent this, you should clean the player after every 30 hours of use.

If you do not clean the tape player regularly, it may eventually become impossible to remove the contamination with a normal cleaning kit. Your dealer has a cleaning kit available.

Use 100-minute or shorter tapes. Tapes longer than that may break or jam the drive.

If the tape is loose, tighten it by turning the hub with a pencil or your finger. If the label is peeling off, remove it or it could cause the tape to jam in the player. Never try to insert a warped or damaged tape in the player.

Store tapes in their cases to protect them from dust and moisture. Never place tapes where they will be exposed to direct sunlight, high heat, or high humidity. If a tape is exposed to extreme heat or cold, let it reach a moderate temperature before inserting it into the player.

Never try to insert foreign objects into the tape player.

Your vehicle's audio system will disable itself if it is disconnected from electrical power for any reason. To make it work again, you must enter a specific five-digit code in the preset buttons. Because there are hundreds of number combinations possible from five-digits, making the system work without knowing the exact code is nearly impossible.

You should have received a card that lists your audio system code number and serial number. It is best to store this card in a safe place at home. In addition, you should write the audio system's serial number in this Owner's Manual.

If you lose the card, you must obtain the code number from a dealer. To do this, you will need the system's serial number.

If your vehicle's battery is disconnected or goes dead, or the radio fuse is removed, the audio system will disable itself. If this happens, you will see "COdE" in the frequency display the next time you turn on the system. Use the preset buttons to enter the five-digit code. The code is on the radio code card included in your Owner's Manual kit. When it is entered correctly, the radio will start playing.

If you make a mistake entering the code, do not start over; complete the five-digit sequence, then enter the correct code. You have ten tries to enter the correct code. If you are unsuccessful in ten attempts, you must then leave the system on for 1 hour before trying again.

If the code card is lost, a dealer can access your code with your radio's serial number. To access the serial number, turn the radio on. It must display "COdE", then turn the radio off. Push and hold the preset 1 and preset 6, then press the PWR button.

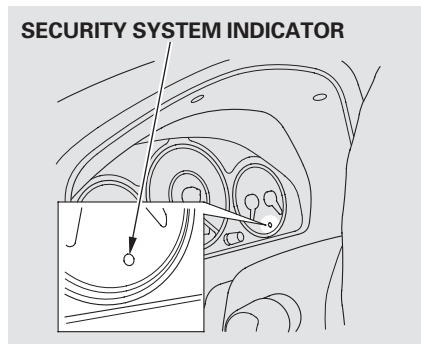
You will have to store your favorite stations in the preset buttons after the system begins working. Your original settings were lost when the power was disconnected.

Security System

The security system helps to protect your vehicle and valuables from theft. The horn sounds and a combination of headlights, parking lights, side marker lights and taillights flash if someone attempts to break into your vehicle or remove the radio. This alarm continues for 2 minutes, then the system resets. To reset an alarming system before the 2 minutes have elapsed, unlock the driver's door with the key or use the remote transmitter.

The security system sets automatically 15 seconds after you lock the doors, hood, and the trunk. The security system indicator on the instrument panel starts blinking immediately to show you the system is setting itself.

If you push the LOCK button on the remote transmitter a second time within 5 seconds, the horn will sound once to confirm the doors, trunk and



hood are locked and the system is set.

Once the security system is set, opening any door or the trunk without using the key or the remote transmitter will cause the system to alarm.

It also alarms if the radio is removed from the dashboard or the wiring is cut.

With the system set, you can still open the trunk with the remote transmitter without triggering the alarm. The alarm will sound if the trunk is opened with the trunk release handle.

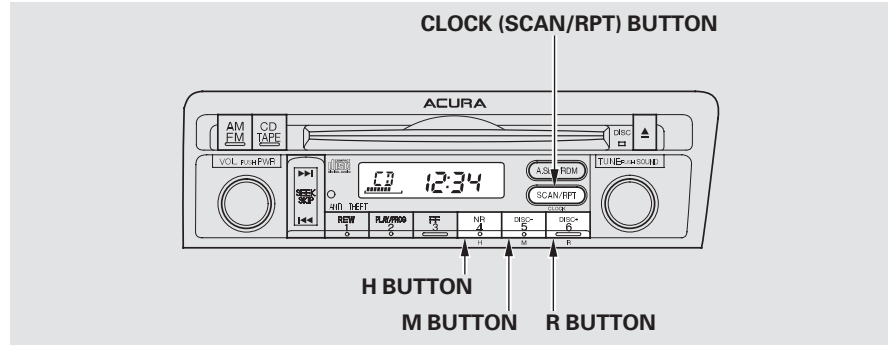
The security system will not set if the hood, trunk, or any door is not fully closed. If the system will not set, check the Trunk-open Indicator on the instrument panel (see page 57), to see if the trunk is fully closed. Also manually check the doors and hood.

Do not attempt to alter this system or add other devices to it.

If your vehicle's battery is disconnected or goes dead, you will need to set the clock.

Press and hold the **CLOCK** button. Change the hours by pressing the **H** (Preset 4) button until the numbers advance to the desired time. Change the minutes by pressing the **M** (Preset 5) button until the numbers advance to the desired time.

When you are finished, press the **CLOCK** button.



You can quickly set the time to the nearest hour. If the displayed time is before the half hour, press and hold the **CLOCK** button until you hear a beep, then press the **R** (Preset 6) button to set the clock back to the previous hour. If the displayed time is after the half hour, the clock sets forward to the beginning of the next hour.

For example: 1:06 will reset to 1:00
1:52 will reset to 2:00

Cruise Control

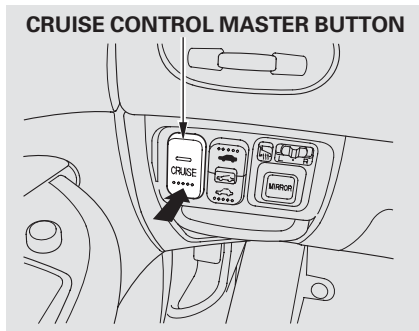
Cruise control allows you to maintain a set speed above 40 km/h (25 mph) without keeping your foot on the accelerator pedal. It should be used for cruising on straight, open highways. It is not recommended for city driving, winding roads, slippery roads, heavy rain, or bad weather.

⚠ WARNING

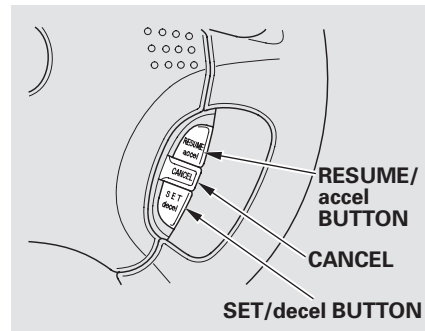
Improper use of the cruise control can lead to a crash.

Use the cruise control only when traveling on open highways in good weather.

Using the Cruise Control



1. Push in the Cruise Control Master Button. The indicator will come on.
2. Accelerate to the desired cruising speed above 40 km/h (25 mph).



3. Press and release the SET/decel button on the steering wheel. The indicator on the instrument panel comes on to show the system is now activated.

The cruise control may not hold the set speed when you are going up and down hills. If your speed increases going down a hill, use the brakes to slow down. This will cancel the cruise control. To resume the set speed, press the RESUME/accel button. The CRUISE CONTROL indicator on the instrument panel will come back on.

Changing the Set Speed

You can increase the set cruising speed in any of these ways:

- Press and hold the RESUME/accel button. When you reach the desired cruising speed, release the button.
- To increase the speed in very small amounts, tap the RESUME/accel button. Each time you do this, your vehicle will speed up about 1.6 km/h (1 mph).

The accelerate feature will only work after you have set the cruise control speed by pushing the SET/decel button.

- Push on the accelerator pedal. Accelerate to the desired cruising speed, and press the SET/decel button.

You can decrease the set cruising speed in any of these ways:

- Press and hold the SET/decel button. Release the button when you reach the desired speed.
- To slow down in very small amounts, tap the SET/decel button. Each time you do this, your vehicle will slow down about 1.6 km/h (1 mph).
- Tap the brake or clutch pedal lightly with your foot. The CRUISE CONTROL indicator on the instrument panel goes out. When the vehicle slows to the desired speed, press the SET/decel button.

CONTINUED

Cruise Control

Even with the cruise control turned on, you can still use the accelerator pedal to speed up for passing. After completing the pass, take your foot off the accelerator pedal. The vehicle will return to the set cruising speed.

Resting your foot on the brake or clutch pedal causes the cruise control to cancel.

Cancelling the Cruise Control

You can cancel the cruise control in any of these ways:

- Tap the brake or clutch pedal.
- Push the CANCEL button on the steering wheel.
- Push the Cruise Control Master Button.

Resume the Set Speed

When you push the CANCEL button or tap on the brake or clutch pedal, the system remembers the previously-set cruising speed. To return to that speed, accelerate to above 40 km/h (25 mph), then press, and release the RESUME/accel button. The CRUISE CONTROL indicator comes on. The vehicle will accelerate to the same cruising speed as before.

Pressing the Cruise Control Master Button turns the system off and erases the previous cruising speed.

Before you begin driving your vehicle, you should know what gasoline to use, and how to check the levels of important fluids. You also need to know how to properly store luggage or packages. The information in this section will help you. If you plan to add any accessories to your vehicle, please read the information in this section first.

Break-in Period	116
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Break-in Period, Fuel Recommendation

Break-in Period

Help assure your vehicle's future reliability and performance by paying extra attention to how you drive during the first 1,000 km (600 miles). During this period:

- Avoid full-throttle starts and rapid acceleration.
- Avoid hard braking for the first 300 km (200 miles).
- Do not change the oil until the scheduled maintenance time.

You should also follow these recommendations with an overhauled or exchanged engine, or when the brakes are replaced.

Fuel Recommendation

Your vehicle is designed to operate on unleaded gasoline with a pump octane number of 86 or higher. Use of a lower octane gasoline can cause a persistent, heavy metallic rapping noise that can lead to engine damage.

We recommended using a gasoline containing detergent additives that help prevent fuel system and engine deposits.

In addition, in order to maintain good performance, fuel economy, and emissions control, we strongly recommend, in areas where it is available, the use of gasoline that does NOT contain manganese-based fuel additives such as MMT.

Use of gasoline with these additives may adversely affect performance, and cause the Malfunction Indicator Lamp on your instrument panel to come on. If this happens, contact

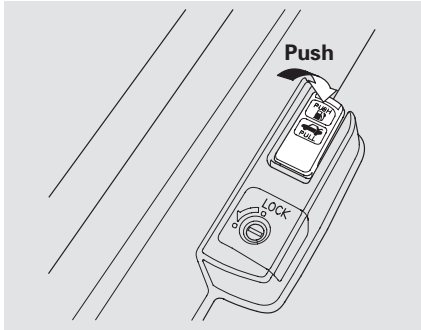
your authorized Acura dealer for service.

If you notice any undesirable operating symptoms, try another service station or switch to another brand of gasoline.

Some gasoline today is blended with oxygenates such as ethanol or MTBE. Your vehicle is designed to operate on oxygenated gasoline containing up to 10 percent ethanol by volume and up to 15 percent MTBE by volume. Do not use gasoline containing methanol.

For further important fuel-related information, please refer to your Quick Start Guide.

Refueling



1. Park with the driver's side closest to the gas pump.
2. Open the fuel fill door by pushing on the handle to the left of the driver's seat.

⚠ WARNING

Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling fuel.

- Stop the engine and keep heat, sparks, and flame away.
 - Handle fuel only outdoors.
 - Wipe up spills immediately.
3. Remove the fuel fill cap slowly. You may hear a hissing sound as pressure inside the tank escapes. Place the cap in the holder on the fuel fill door.
 4. Stop filling the tank after the fuel nozzle automatically clicks off. Do not try to "top off" the tank. Leave some room for the fuel to expand with temperature changes.
 5. Screw the fuel fill cap back on until it clicks at least three times. If you do not properly tighten the cap, the Malfunction Indicator Lamp may come on (see page 187).
 6. Push the fuel fill door closed until it latches.

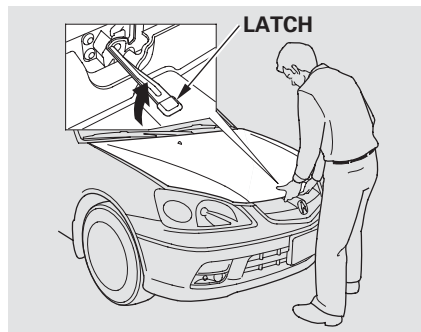
If the fuel nozzle keeps clicking off even though the tank is not full, there may be a problem with your vehicle's fuel vapor recovery system. The system helps keep fuel vapors from going into the atmosphere. Consult your dealer.

Service Station Procedures

Opening and Closing the Hood

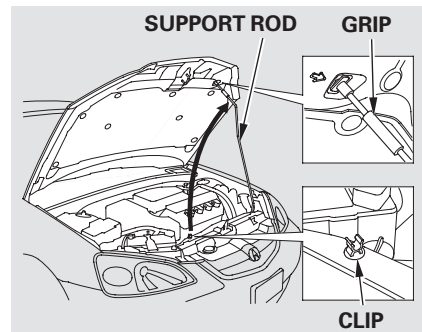


1. Park the vehicle, and set the parking brake. Pull the hood release handle located under the lower left corner of the dashboard. The hood will pop up slightly.



2. Put your fingers between the front edge of the hood and the front grille. The hood latch handle is above the "A" logo. Push this handle up until it releases the hood. Lift the hood.

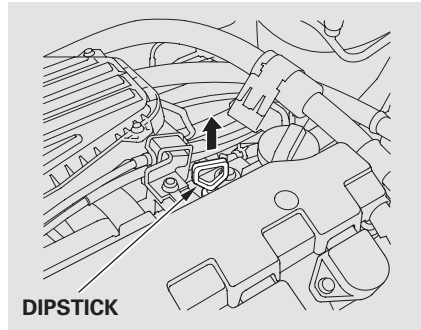
If the hood latch handle moves stiffly, or if you can open the hood without lifting the handle, the mechanism should be cleaned and lubricated.



3. Pull the support rod out of its clip and insert the end into the designated hole(s) in the hood.

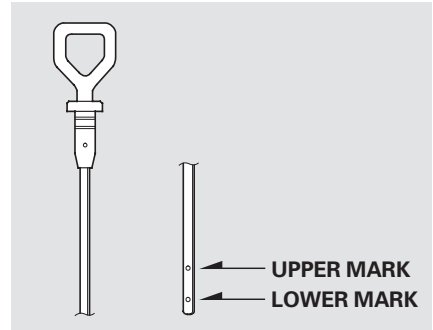
To close the hood, lift it up slightly to remove the support rod from the hole. Put the support rod back into its holding clip. Lower the hood to about a foot (30 cm) above the fender, then let it drop. Make sure it is securely latched.

Oil Check



Wait a few minutes after turning the engine off before you check the oil.

1. Remove the dipstick (orange loop).
2. Wipe the dipstick with a clean cloth or paper towel.
3. Insert it all the way back in its tube.

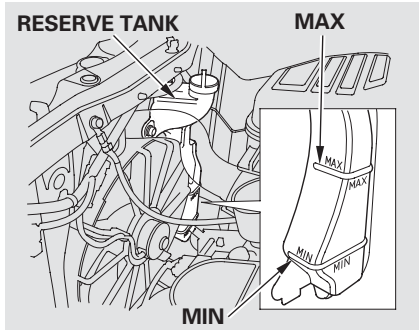


4. Remove the dipstick again and check the level. It should be between the upper and lower marks.

If it is near or below the lower mark, see **Adding Oil** on page 147 .

Service Station Procedures

Engine Coolant Check



Look at the coolant level in the radiator reserve tank. Make sure it is between the MAX and MIN lines. If it is below the MIN line, see **Adding Engine Coolant** on page 150 for information on adding the proper coolant.

Refer to **Owner's Maintenance Checks** on page 142 for information about checking other items on your vehicle.

Improving Fuel Economy

- Always maintain your vehicle according to the maintenance schedule. See **Owner's Maintenance Checks** (see page 142).

For example, an underinflated tire causes more “rolling resistance,” which uses more fuel.

The build-up of snow or mud on your vehicle's underside adds weight and rolling resistance. Frequent cleaning helps your fuel mileage and reduces the chance of corrosion.

- Drive moderately. Rapid acceleration, abrupt cornering and hard braking use more fuel.
- Always drive in the highest gear possible.

- Try to maintain a constant speed. Every time you slow down and speed up, your vehicle uses extra fuel. Use the cruise control when appropriate.
- Combine several short trips into one.
- The air conditioning puts an extra load on the engine which makes it use more fuel. Use the fresh-air ventilation when possible.

Accessories and Modifications

Modifying your vehicle, or installing some non-Acura accessories, can make your vehicle unsafe. Before you make any modifications or add any accessories, be sure to read the following information.

Accessories

Your dealer has Acura accessories that allow you to personalize your vehicle. These accessories have been designed and approved for your vehicle, and are covered by warranty.

Although aftermarket accessories may fit on your vehicle, they may not meet factory specifications, and could adversely affect your vehicle's handling and stability. (See "Modifications" on page 123 for additional information.)

⚠ WARNING

Improper accessories or modifications can affect your vehicle's handling, stability, and performance, and cause a crash in which you can be hurt or killed.

Follow all instructions in this owner's manual regarding accessories and modifications.

When properly installed, cellular phones, alarms, two-way radios, and low-powered audio systems should not interfere with your vehicle's computer controlled systems, such as your airbags and anti-lock brakes.

Before installing any accessory:

- Make sure the accessory does not obscure any lights, or interfere with proper vehicle operation or performance.
- Be sure electronic accessories do not overload electrical circuits (see page 190) or interfere with proper operation.
- Before installing any electronic accessory, have the installer contact your dealer for assistance. If possible, have your dealer inspect the final installation.

Modifying Your Vehicle

Removing parts from your vehicle, or replacing components with aftermarket components could seriously affect your vehicle's handling, stability, and reliability.

Some examples are:

- Lowering your vehicle with an aftermarket suspension kit that significantly reduces ground clearance can allow the undercarriage to hit speed bumps or other raised objects, which could cause the airbags to deploy.
- Raising your vehicle with an aftermarket suspension kit can affect the handling and stability.
- Aftermarket wheels, because they are a universal design, can cause excessive stress on suspension components.

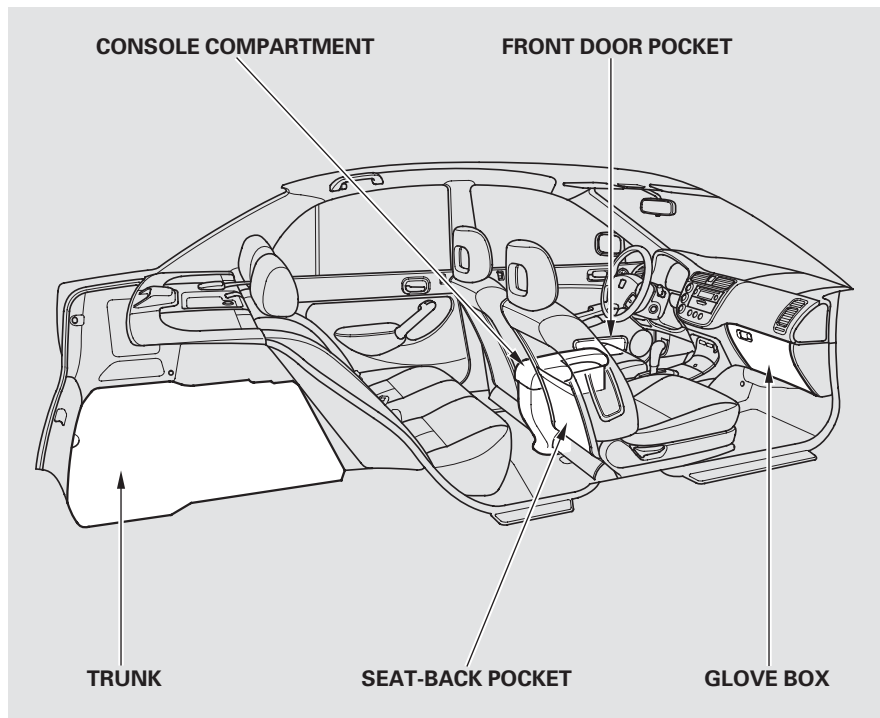
- Larger or smaller wheels and tires can interfere with the operation of your vehicle's anti-lock brakes and other systems.
- Modifying your steering wheel or any other part of your vehicle's safety features can make the systems ineffective.

If you plan to modify your vehicle, consult your dealer.

Additional Safety Precaution

- ***Do not cover or replace front seat-back covers without consulting a Honda dealer.*** Improperly replacing or covering front seat-back covers can prevent your side airbags from inflating during a collision.

Carrying Cargo



Your vehicle has several convenient storage areas:

- Glove box
- Front door and seat-back pockets
- Console compartment
- Trunk
- Roof-rack (if equipped)

However, carrying too much cargo, or improperly storing it, can affect your vehicle's handling, stability, stopping distance, and tires, and make it unsafe. Before carrying any type of cargo, be sure to read the following pages.

Load Limits

The maximum load limit for your vehicle is 395 kg (850 lbs). This figure includes the total weight of all occupants, cargo, accessories, and the tongue weight if you are towing a trailer.

⚠ WARNING

Overloading or improper loading can affect handling and stability and cause a crash in which you can be hurt or killed.

Follow all load limits and other loading guidelines in this manual.

Steps for Determining Correct Load Limit:

1. Locate the statement, “the combined weight of occupants and cargo should never exceed 395 kg (850 lbs)” on your vehicle’s placard. [The placard is on the driver’s doorjamb.]
2. Determine the combined weight of the driver and passengers that will be riding in the vehicle.
3. Subtract the combined weight of the driver and passengers from 395 kilograms or 850 pounds.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the maximum load is 395 kg (850 lbs) and there will be five 70 kg (154 lbs) passengers in your vehicle, the amount of available cargo and luggage load

capacity is 45 kg (100 lbs).
(395 – 350 (5 × 70) = 45 kg)

5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity in Step 4.

Carrying Cargo

Carrying Items in the Passenger Compartment

- Store or secure all items that could be thrown around and hurt someone during a crash.
- Do not put any items on top of the rear shelf. They can block your view and be thrown around the vehicle during a crash.
- Be sure items placed on the floor behind the front seats cannot roll under the seats and interfere with the pedals or seat operation.
- Keep the glove box closed while driving. If it is open, a passenger could injure their knees during a crash or sudden stop.

Carrying Cargo in the Trunk or on a Roof Rack

- Distribute cargo evenly on the floor of the trunk, placing the heaviest items on the bottom and as far forward as possible.
- If you fold down the back seat, tie down items that could be thrown about the vehicle during a crash or sudden stop.
- If you carry large items that prevent you from closing the trunk lid, exhaust gas can enter the passenger area. To avoid the possibility of **carbon monoxide poisoning**, follow the instructions on page 49 .

- If you can carry any items on a roof rack, be sure the total weight of the rack and the items does not exceed the maximum allowable weight. Please contact your dealer for further information.

If you use an accessory roof rack, the roof rack weight limit may be lower. Refer to the information that came with your roof rack.

This section gives you tips on starting the engine under various conditions, and how to operate the manual and automatic transmissions. It also includes important information on parking your vehicle, and the braking system.

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Automatic Transmission.....	132
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Anti-lock Brakes (ABS)	137
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Preparing to Drive

You should do the following checks and adjustments every day before you drive your vehicle.

1. Make sure all windows, mirrors, and outside lights are clean and unobstructed. Remove frost, snow, or ice.
2. Check that the hood and trunk are fully closed.
3. Visually check the tires. If a tire looks low, use a gauge to check its pressure.
4. Check that any items you may be carrying are stored properly or fastened down securely.
5. Check the seat adjustment (see page 74).
6. Check the adjustment of the inside and outside mirrors (see page 83).
7. Check the steering wheel adjustment (see page 66).
8. Make sure the doors are securely closed and locked.
9. Fasten your seat belt. Check that your passengers have fastened their seat belts (see page 16).
10. When you start the engine, check the gauges and indicators in the instrument panel (see page 53).

1. Apply the parking brake.
2. In cold weather, turn off all electrical accessories to reduce the drain on the battery.
3. *Manual Transmission:*
Push the clutch pedal down all the way.

Automatic Transmission:
Make sure the shift lever is in Park. Press on the brake pedal.
4. Without touching the accelerator pedal, turn the ignition key to the START (III) position. Do not hold the key in START for more than 15 seconds at a time. If the engine does not start right away, pause for at least 10 seconds before trying again.

NOTICE

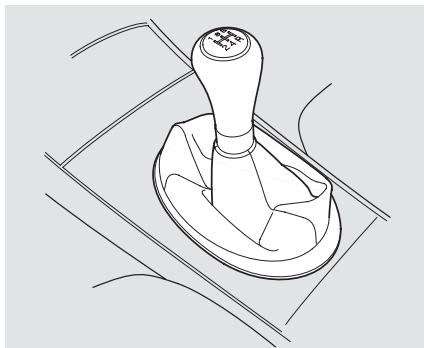
*The immobilizer system protects your vehicle from theft. If an improperly-coded key (or other device) is used, the engine's fuel system is disabled. See **Immobilizer System** on page 68 .*

5. If the engine does not start within 15 seconds, or starts but stalls right away, repeat step 4 with the accelerator pedal pressed halfway down. If the engine starts, release pressure on the accelerator pedal so the engine does not race.
6. If the engine still does not start, press the accelerator pedal all the way down and hold it there while starting in order to clear flooding. If the engine still does not start, return to step 5.

NOTICE

The engine is harder to start in cold weather. Also, the thinner air found at altitudes above 2,400 meters (8,000 feet) adds to this problem.

Manual Transmission



The manual transmission is synchronized in all forward gears for smooth operation. It has a lockout so you cannot shift directly from Fifth to Reverse. When shifting up or down, make sure you push the clutch pedal down all the way, shift to the next gear, and let the pedal up gradually. When you are not shifting, do not rest your foot on the clutch pedal. This can cause your clutch to wear out faster.

Come to a full stop before you shift into Reverse. You can damage the transmission by trying to shift into Reverse with the vehicle moving. Push down the clutch pedal, and pause for a few seconds before shifting into Reverse, or shift into one of the forward gears for a moment. This stops the gears so they won't "grind."

When slowing down, you can get extra braking from the engine by shifting to a lower gear. This extra braking can help you maintain a safe speed and prevent your brakes from overheating while going down a steep hill. Before downshifting, make sure the engine speed will not go into the tachometer's red zone in the lower gear.

▲ WARNING

Rapid slowing or speeding-up can cause loss of control on slippery surfaces. If you crash, you can be injured.

Use extra care when driving on slippery surfaces.

Recommended Shift Points

Drive in the highest gear that lets the engine run and accelerate smoothly. This will give you good fuel economy and effective emissions control. The following shift points are recommended:

Shift up	Normal acceleration
1st to 2nd	24 km/h (15 mph)
2nd to 3rd	43 km/h (27 mph)
3rd to 4th	63 km/h (39 mph)
4th to 5th	85 km/h (53 mph)

Shift up	Cruise from acceleration
1st to 2nd	14 km/h (9 mph)
2nd to 3rd	32 km/h (20 mph)
3rd to 4th	53 km/h (33 mph)
4th to 5th	77 km/h (48 mph)

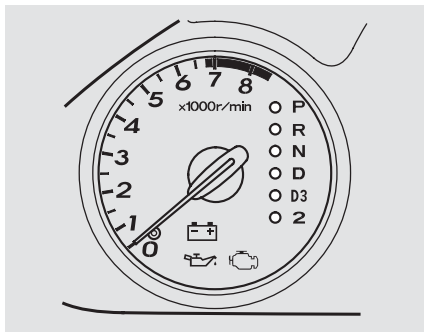
Engine Speed Limiter

If you exceed the maximum speed for the gear you are in, the engine speed will enter into the tachometer's red zone. If this occurs, you may feel the engine cut in and out. This is caused by a limiter in the engine's computer controls. The engine will run normally when you reduce the RPM below the red zone.

Before downshifting, make sure the engine will not go into the tachometer's red zone.

Automatic Transmission

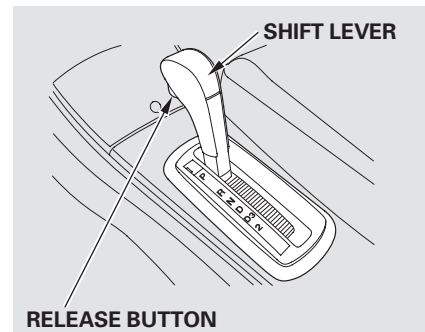
Shift Lever Position Indicators



These indicators on the instrument panel show which position the shift lever is in.

The “D” indicator comes on for a few seconds when you turn the ignition switch to ON (II). If it flashes while driving (in any shift position), it indicates a possible problem in the transmission. Avoid rapid acceleration and have the transmission checked by your dealer as soon as possible.

Shifting



To shift from any position, press firmly on the brake pedal and press the release button on the front of the shift lever. You cannot shift out of Park when the ignition switch is in the LOCK (0) or ACCESSORY (I) position.

To shift from:	Do this:
P to R	Press the brake pedal and press the release button.
R to P N to R D ₃ to 2	Press the release button.
2 to D ₃ D ₃ to D D to N D to D ₃ N to D R to N	Move the lever.

Park (P) – This position mechanically locks the transmission. Use Park whenever you are turning off or starting the engine. To shift out of Park, you must press on the brake pedal and have your foot off the accelerator pedal.

If you have done all of the above and still cannot move the lever out of Park, see **Shift Lock Release** on page 134 .

To avoid transmission damage, come to a complete stop before shifting into Park. The shift lever must be in Park before you can remove the key from the ignition switch.

Reverse (R) – Press the brake pedal and press the release button to the front of shift lever to shift from Park to Reverse. To shift from Reverse to Neutral, come to a complete stop and then shift.

Neutral (N) – Use Neutral if you need to restart a stalled engine, or if it is necessary to stop briefly with the engine idling. Shift to the Park position if you need to leave your vehicle for any reason. Press on the brake pedal when you are moving the shift lever from Neutral to another gear.

Drive (D) – Use this position for normal driving. The transmission automatically selects a suitable gear for your speed and acceleration. You may notice the transmission shifting up at higher speeds when the engine is cold. This helps the engine warm up faster.

Drive (D₃) – This position is similar to D, except only the first three gears are selected. Use D₃ to provide engine braking when going down a steep hill. D₃ can also keep the transmission from cycling between third and fourth gear in stop-and-go driving.

Automatic Transmission

Second (2) — This position locks the transmission in second gear. It does not downshift to first gear when you come to a stop.

Use Second gear:

- For more power when climbing.
- To increase engine braking when going down steep hills.
- For starting out on a slippery surface or in deep snow.
- To help reduce wheel spin.

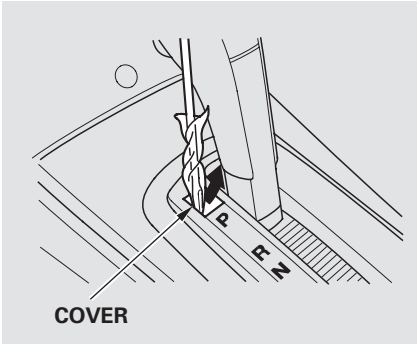
Engine Speed Limiter

If you exceed the maximum speed for the gear you are in, the engine speed will enter into the tachometer's red zone. If this occurs, you may feel the engine cut in and out. This is caused by a limiter in the engine's computer controls. The engine will run normally when you reduce the RPM below the red zone.

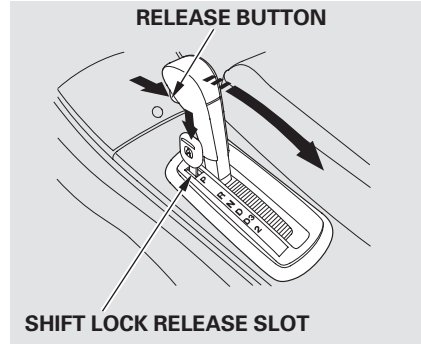
Shift Lock Release

Do this if pushing on the brake pedal and pressing the release button does not shift the transmission out of park:

1. Set the Parking brake.
2. Remove the key from the ignition switch.
3. Put a cloth on the edge of the Shift Lock Release slot cover. Using a small flat-tipped screwdriver or metal fingernail file, carefully pry on the edge of the cover to remove it.



4. Insert the key in the Shift Lock Release slot.
5. Push down on the key while you press the release button on the shift lever and move it out of Park to Neutral.



6. Remove the key from the Shift Lock Release slot, then install the cover. Make sure the notch on the cover is on the left side. Return the key to the ignition switch, press the brake pedal, and restart the engine.

If you need to use the Shift Lock Release, it means your vehicle is developing a problem. Have it checked by your dealer.

Parking

Always use the parking brake when you park your vehicle. Make sure the parking brake is set firmly or your vehicle may roll if it is parked on an incline.

If your vehicle has an automatic transmission, set the parking brake before you put the transmission in Park. This keeps the vehicle from moving and putting pressure on the parking mechanism in the transmission.

Parking Tips

- Make sure the moonroof and the windows are closed.
- Turn off the lights.
- Place any packages, valuables, etc., in the trunk or take them with you.
- Lock the doors.

CONTINUED

Parking, Braking System

- Never park over dry leaves, tall grass, or other flammable materials. The hot three way catalytic converter could cause these materials to catch on fire.
- If the vehicle is facing uphill, turn the front wheels away from the curb. If you have a manual transmission, put it in first gear.
- If the vehicle is facing downhill, turn the front wheels toward the curb. If you have a manual transmission, put it in reverse gear.
- Make sure the parking brake is fully released before driving away. Driving with the parking brake partially set can overheat or damage the rear brakes.

Braking System

Your vehicle is equipped with disc brakes at all four wheels. A power assist helps reduce the effort needed on the brake pedal. The ABS helps you retain steering control when braking very hard.

Resting your foot on the pedal keeps the brakes applied lightly, builds up heat, and reduces their effectiveness. It also keeps your brake lights on all the time, confusing drivers behind you.

Constant application of the brakes when going down a long hill builds up heat and reduces their effectiveness. Use the engine to assist the brakes by taking your foot off the accelerator and downshifting to a lower gear.

Check the brakes after driving through deep water. Apply the brakes moderately to see if they feel normal. If not, apply them gently and frequently until they do. Be extra cautious in your driving.

Brake System Design

The hydraulic system that operates the brakes has two separate circuits. Each circuit works diagonally across the vehicle (the left-front brake is connected with the right-rear brake, etc.). If one circuit should develop a problem, you will still have braking at two wheels.

Brake Wear Indicators

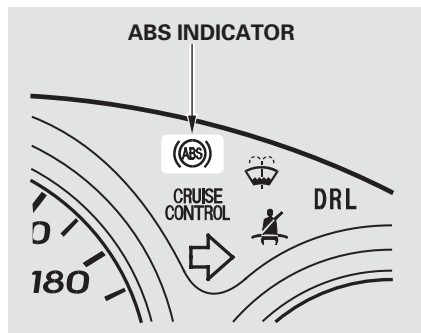
If the brake pads need replacing, you will hear a distinctive, metallic screeching sound when you apply the brake pedal. If you do not have the brake pads replaced, they will screech all the time. It is normal for the brakes to occasionally squeal or squeak when you apply them.

The Anti-lock Brake System (ABS) helps prevent the brakes from locking up and helps you retain steering control by pumping the brakes rapidly, much faster than a person can do it.

You should never pump the brake pedal; Let the ABS work for you by always keeping firm, steady pressure on the brake pedal. This is sometimes referred to as “stomp and steer.”

You will feel a pulsation in the brake pedal when the ABS activates, and you may hear some noise. This is normal: it is the ABS rapidly pumping the brakes. On dry pavement, you will need to press on the brake pedal very hard before the ABS activates. However, you may feel the ABS activate immediately if you are trying to stop on snow or ice.

ABS Indicator



If the ABS indicator comes on, the anti-lock function of the braking system has shut down. The brakes still work like a conventional system, but without anti-lock. You should have your dealer inspect your vehicle as soon as possible.

If the ABS indicator comes on while driving, test the brakes as shown on page 188 .

Anti-Lock Brakes (ABS), Towing a Trailer

Important Safety Reminders

ABS does not reduce the time or distance it takes to stop the vehicle. It only helps with the steering control during braking.

ABS will not prevent a skid that results from changing direction abruptly, such as trying to take a corner too fast or making a sudden lane change. Always drive at a safe speed for the road and weather conditions.

ABS cannot prevent a loss of stability. Always steer moderately when you are braking hard. Severe or sharp steering wheel movement can still cause your vehicle to veer into oncoming traffic or off the road.

A vehicle with ABS may require a longer distance to stop on loose or uneven surfaces, such as gravel or snow, than a vehicle without anti-lock. Slow down and allow a greater distance between vehicles under those conditions.

Towing a Trailer

Your vehicle is not designed to tow a trailer, attempting to do so can void your warranties.

This section explains why it is important to keep your vehicle well maintained and how to follow basic maintenance safety precautions.

This section also includes Maintenance Schedules for severe driving condition, a Maintenance Record, and instructions for simple maintenance tasks you may want to take care of yourself.

If you have the skills and tools to perform more complex maintenance tasks on your vehicle, you may want to purchase the Service Manual. See page 214 for information on how to obtain a copy, or see your dealer.

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Maintenance Safety

All service items not detailed in this section should be performed by a certified technician or other qualified mechanic.

Important Safety Precautions

To eliminate potential hazards, read the instructions before you begin, and make sure you have the tools and skills required.

- Make sure your vehicle is parked on level ground, the parking brake is set, and the engine is off.
- To clean parts, use a commercially available degreaser or parts cleaner, not gasoline.
- To reduce the possibility of fire or explosion, keep cigarettes, sparks, and flames away from the battery and all fuel-related parts.

- Wear eye protection and protective clothing when working with the battery or compressed air.

⚠ WARNING

Improperly maintaining this vehicle or failing to correct a problem before driving can cause a crash in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations, and schedules in this owner's manual.

Potential Vehicle Hazards

- **Carbon Monoxide poison from engine exhaust.** Be sure there is adequate ventilation whenever you operate the engine.
- **Burns from hot parts.** Let the engine and exhaust system cool before touching any parts.
- **Injury from moving parts.** Do not run the engine unless instructed to do so.

⚠ WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedures and precautions in this owner's manual.

Some of the most important safety precautions are given here. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

Maintenance Schedule

The maintenance schedule assumes you will use your vehicle as normal transportation for passengers and their possessions. You should also follow these recommendations:

- Avoid exceeding your vehicle's load limit. This puts excess stress on the engine, brakes, and many other vehicle parts. The load limit is shown on the tire information label on the driver's doorjamb.
- Operate your vehicle on reasonable roads within the legal speed limit.
- Drive your vehicle regularly over a distance of several kilometers (miles).
- Always use unleaded gasoline with the proper octane rating (see page 116).

Follow the Maintenance Schedule for Severe Conditions if you drive your vehicle MAINLY under one or more of the following conditions.

- Driving less than 8 km (5 miles) per trip or, in freezing temperatures, driving less than 16 km (10 miles) per trip.
- Driving in extremely hot [over 32°C (90°F)] conditions.
- Used primarily as a delivery vehicle or taxi that is driven mostly in stop-and-go traffic and/or parked with the engine idling.
- Driving with a roof rack, or driving in mountainous conditions.
- Driving on muddy, dusty, or de-iced roads.

CONTINUED

Maintenance Schedule

Canadian Owners — Follow the Maintenance Schedule for Severe Conditions.

Servicing Your Vehicle

Your authorized dealer knows your vehicle best and can provide competent, efficient service. However, service at a dealer is not mandatory to keep your warranties in effect. Maintenance may be done by any qualified service facility or skilled person to keep your warranties in effect. Keep all the receipts as proof of completion, and have the person who does the work fill out the Maintenance Record. Check your warranty booklet for more information.

We recommend the use of Acura parts and fluids whenever you have maintenance done.

According to state and federal regulations, failure to perform maintenance on the items marked with # will not void your emissions warranties. However, all maintenance services should be performed at the recommended time or mileage period to ensure long-term reliability.

Owner's Maintenance Checks

You should check the following items at the specified intervals. If you are unsure of how to perform any check, turn to the appropriate page listed.

- Engine oil level — Check every time you fill the fuel tank. See page 119 .

- Engine coolant level — Check the radiator reserve tank every time you fill the fuel tank. See page 120 .
- Automatic transmission — Check the fluid level monthly. See page 152 .
- Brakes — Check the fluid level monthly. See page 154 .
- Tires — Check the tire pressure monthly. Examine the tread for wear and foreign objects. See page 166 .
- Lights — Check the operation of the headlights, fog lights, parking lights, taillights, high-mount brake light, and license plate lights monthly. See page 156 .

Service the items listed at the indicated distance (or time, if given).																
	miles x 1,000	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
	km x 1,000	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
Check engine oil and coolant	Check oil and coolant at each fuel stop															
Check tires	Check inflation and condition once a month															
Replace engine oil	Every 8,000 km (5,000 miles) or every 6 months, whichever comes first															
Rotate tires (follow pattern on page 168)	Every 16,000 km (10,000 miles)															
Replace engine oil filter																
Check front and rear brakes																
Lubricate all hinges, locks and latches	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inspect the following items: Tie-rod ends, steering gear box, and boots Suspension components, Driveshaft boots	<i>(Or every 1 year, whichever comes first)</i>															
Check parking brake adjustment																
Inspect the following items: Brake hoses and lines (including ABS) All fluid levels and condition of fluids Exhaust system*, Fuel lines and connections* Lights and controls/Vehicle underbody		•		•		•		•		•		•		•		•
	<i>(Or every 1 year, whichever comes first)</i>															
Inspect and adjust drive belts			•							•						•
Replace dust and pollen filter*1	<i>(Or every 2 years, whichever comes first)</i>															
Replace air cleaner element	Every 24,000 km (15,000 miles) (Use normal schedule except in dusty condition)															
Replace spark plugs													•			
Inspect valve clearance													•			
	<i>(Otherwise adjust only if noisy)</i>															
Replace automatic transmission fluid*2						•				•			•			•
Replace manual transmission fluid						•				•			•			•
	<i>(Or every 3 years, whichever comes first)</i>															
Inspect idle speed													•			
Replace timing belt*2, *3 and inspect water pump													•			
	<i>(Or every 7 years, whichever comes first)</i>															
Replace engine coolant	192,000 km (120,000 miles) or 10 years, then every 96,000 km (60,000 miles) or 5 years															
Replace brake fluid	Every 3 years (independent of mileage)															

Follow the Severe Maintenance Schedule if you drive your vehicle MAINLY under one or more of the following conditions:

- Driving less than 8 km (5 miles) per trip or, in freezing temperatures, driving less than 16 km (10 miles) per trip.
- Driving in extremely hot [over 32°C (90°F)] conditions.
- Extensive idling or long periods of stop and go driving, such as a taxi or a commercial delivery vehicle.
- Driving with a roof rack, or driving in mountainous conditions.
- Driving on muddy, dusty, or de-iced roads.

Canadian Owners – Follow the Maintenance Schedule for Severe Conditions.

- * 1 : See dust and pollen filter on page 164 for replacement information under special driving conditions.
- * 2 : Replace at 96,000 km (60,000 miles) or 3 years, then every 48,000 km (30,000 miles) or 2 years.
- * 3 : See timing belt on page 154 for replacement information under special driving conditions.
- # : See information on maintenance and emissions warranty, page 142.

Maintenance Record (Severe Schedule)

You or the servicing dealer can record all completed maintenance here, whether you follow the schedule for severe conditions (page 143). Keep the receipts for all work done on your vehicle.

8,000 km 5,000 mi	Signature or dealer stamp	km/mi
		Date
16,000 km 10,000 mi		km/mi
		Date
24,000 km 15,000 mi		km/mi
		Date
32,000 km 20,000 mi (or 1 year)		km/mi
		Date
40,000 km 25,000 mi		km/mi
		Date
48,000 km 30,000 mi		km/mi
		Date
56,000 km 35,000 mi		km/mi
		Date
64,000 km 40,000 mi (or 2 year)		km/mi
		Date

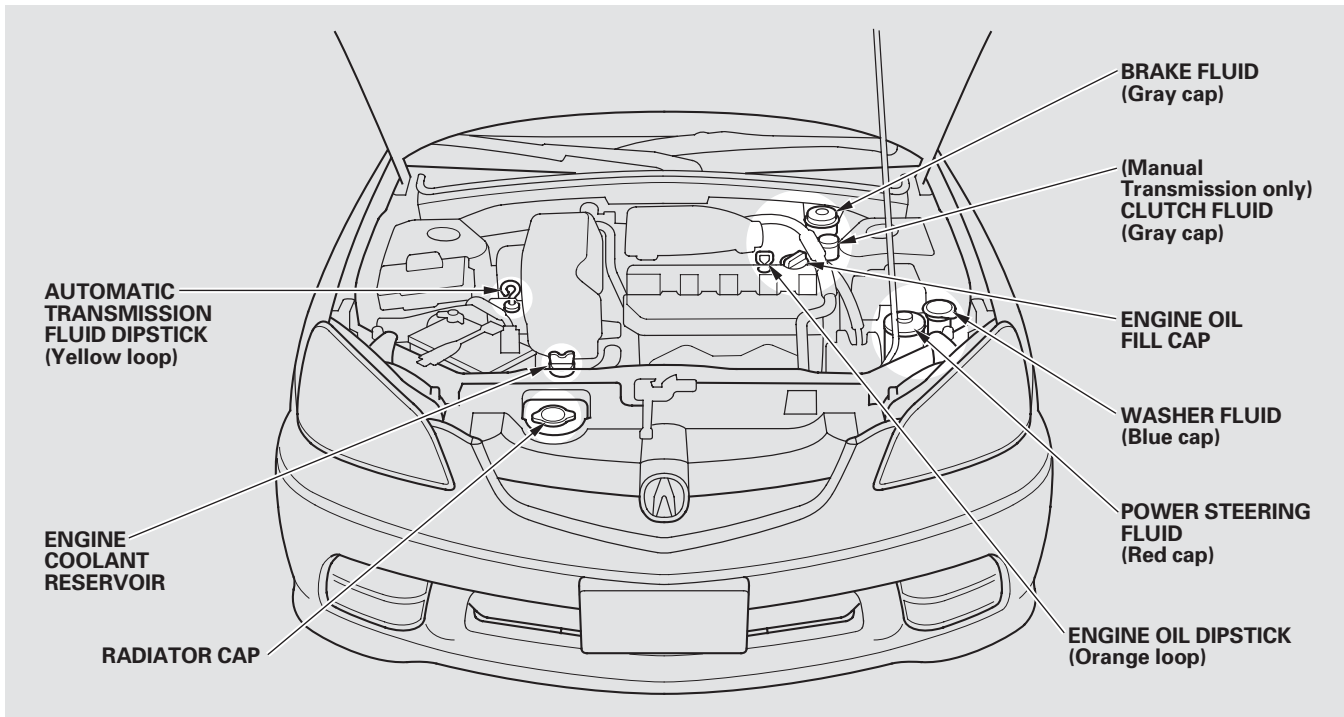
72,000 km 45,000 mi	Signature or dealer stamp	km/mi
		Date
80,000 km 50,000 mi		km/mi
		Date
88,000 km 55,000 mi		km/mi
		Date
96,000 km 60,000 mi (or 3 years)		km/mi
		Date
104,000 km 65,000 mi		km/mi
		Date
112,000 km 70,000 mi		km/mi
		Date
120,000 km 75,000 mi		km/mi
		Date
128,000 km 80,000 mi (or 4 years)		km/mi
		Date

Maintenance Record (Severe Schedule)

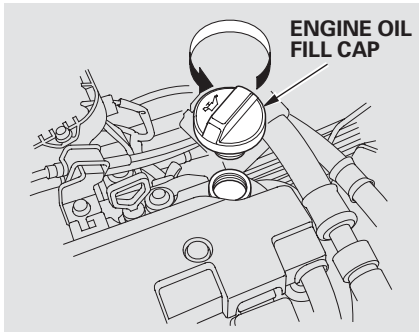
136,000 km 85,000 mi	Signature or dealer stamp	km/mi
		Date
144,000 km 90,000 mi		km/mi
		Date
152,000 km 95,000 mi		km/mi
		Date
160,000 km 100,000 mi (or 5 years)		km/mi
		Date
168,000 km 105,000 mi		km/mi
		Date
176,000 km 110,000 mi		km/mi
		Date
184,000 km 115,000 mi		km/mi
		Date
192,000 km 120,000 mi (or 6 years)		km/mi
		Date

200,000 km 125,000 mi	Signature or dealer stamp	km/mi
		Date
208,000 km 130,000 mi (or 5 years)		km/mi
		Date
216,000 km 135,000 mi		km/mi
		Date
224,000 km 140,000 mi (or 7 years)		km/mi
		Date
232,000 km 145,000 mi		km/mi
		Date
240,000 km 150,000 mi (or 6 years)		km/mi
		Date
		km/mi
		Date
		km/mi
		Date

Fluid Locations



Adding Engine Oil



Unscrew and remove the engine oil fill cap on top of the valve cover. Pour in the oil slowly and carefully so you do not spill. Clean up any spills immediately. Spilled oil could damage components in the engine compartment. Install the engine oil fill cap, and tighten it securely. Wait a few minutes, and recheck the oil level. Do not fill above the upper mark; you could damage the engine.

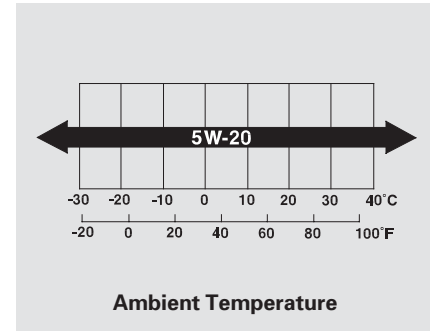
Recommended Engine Oil

Oil is a major contributor to your engine's performance and longevity. Always use a premium-grade 5W-20 detergent oil displaying the API Certification Seal. This seal indicates the oil is energy conserving, and that it meets the American Petroleum Institute's latest requirements.



Honda Motor Oil is the preferred 5W-20 lubricant for your vehicle. It is highly recommended that you use Honda Motor Oil in your vehicle for optimum engine protection. Make sure the API Certification Seal says "For Gasoline Engines."

The oil's viscosity or weight is provided on the container's label. 5W-20 oil is formulated for year-round protection of your vehicle, to improve cold weather starting and fuel economy.



Adding Engine Oil, Changing the Oil and Filter

Synthetic Oil

You may use a synthetic motor oil if it meets the same requirements given for a conventional motor oil: it displays the API Certification Seal, and it is the proper weight. You must follow the oil and filter change intervals given on the maintenance schedule.

Engine Oil Additives

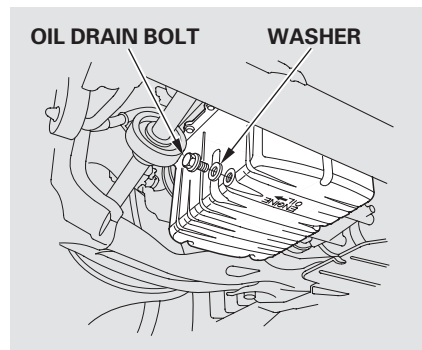
Your vehicle does not require any oil additives. Additives may adversely affect your engine's or transmission's performance and durability.

Changing the Oil and Filter

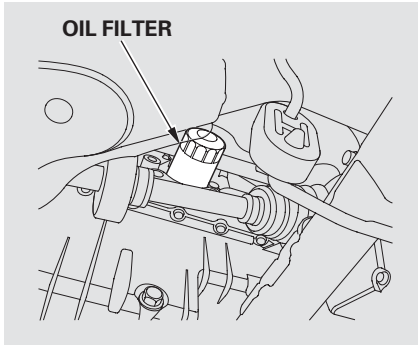
Always change the oil and filter according to the recommendations in the maintenance schedule. The oil and filter collect contaminants that can damage your engine if they are not removed regularly.

Changing the oil and filter requires special tools and access from underneath the vehicle. The vehicle should be raised on a service station-type hydraulic lift for this service. Unless you have the knowledge and proper equipment, you should have this maintenance done by a skilled mechanic.

1. Run the engine until it reaches normal operating temperature, then shut it off.



2. Open the hood and remove the engine oil fill cap. Remove the oil drain bolt and washer from the bottom of the engine. Drain the oil into an appropriate container.



3. Remove the oil filter, and let the remaining oil drain. A special wrench (available from your dealer) is required.
4. Install a new oil filter according to the instructions that come with it.

5. Put a new washer on the drain bolt, then reinstall the drain bolt. Tighten the drain bolt to :
39 N·m (4.0 kgf·m , 29 lbf·ft)

6. Refill the engine with the recommended oil.

Engine oil change capacity
(including filter):
3.5 ℓ (3.7 US qt)

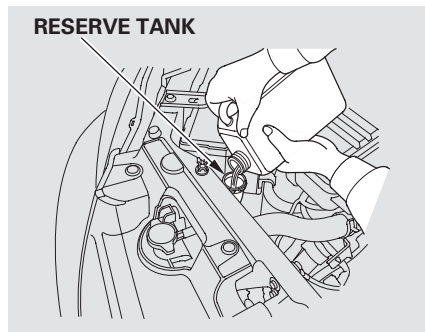
7. Replace the engine oil fill cap. Start the engine. The oil pressure indicator should go out within 5 seconds. If it does not, turn off the engine, and check your work.
8. Let the engine run for several minutes, then check the drain bolt and oil filter for leaks.
9. Turn off the engine and let it sit for several minutes, then check the oil level on the dipstick. If necessary, add more oil.

NOTICE

Improper disposal of engine oil can be harmful to the environment. If you change your own oil, please dispose of the used oil properly. Put it in a sealed container, and take it to a recycling center. Do not discard it in a trash bin or dump it on the ground.

Engine Coolant

Adding Engine Coolant



If the coolant level in the reserve tank is at or below the MIN line, add coolant to bring it up to the MAX line. Inspect the cooling system for leaks.

Always use Honda All Season Antifreeze/Coolant Type 2. This coolant is pre-mixed with 50 percent antifreeze and 50 percent water. Never add straight antifreeze or plain water.

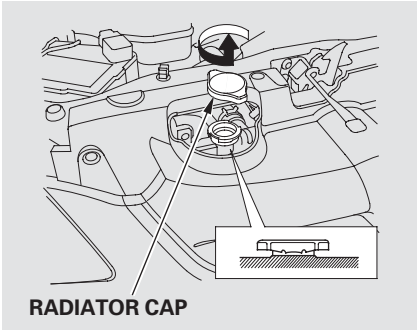
If Honda antifreeze/coolant is not available, you may use another major-brand non-silicate coolant as a temporary replacement. Make sure it is a high-quality coolant recommended for aluminum engines. Continued use of any non-Honda coolant can result in corrosion, causing the cooling system to malfunction or fail. Have the cooling system flushed and refilled with Honda antifreeze/coolant as soon as possible.

If the reserve tank is completely empty, you should also check the coolant level in the radiator.

▲ WARNING

Removing the radiator cap while the engine is hot can cause the coolant to spray out, seriously scalding you.

Always let the engine and radiator cool down before removing the radiator cap.



1. When the radiator and engine are cool, relieve any pressure in the cooling system by turning the radiator cap counterclockwise, without pressing down.
2. Remove the radiator cap by pushing down and turning counterclockwise.

3. The coolant level should be up to the base of the filler neck. Add coolant if it is low.

Pour the coolant slowly and carefully so you do not spill. Clean up any spill immediately; it could damage components in the engine compartment.

4. Put the radiator cap on, and tighten it fully.
5. Pour coolant into the reserve tank. Fill it to halfway between the MAX and MIN marks. Put the cap back on the reserve tank.

Do not add any rust inhibitors or other additives to your vehicle's cooling system. They may not be compatible with the coolant or engine components.

Windshield Washers

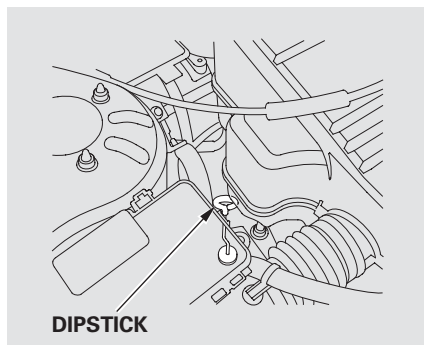
Check the fluid level in the windshield washer reservoir at least monthly during normal use. The low washer level indicator will come on when the level is low (see page 57).

Fill the reservoir with a good-quality windshield washer fluid. This increases the cleaning capability and prevents freezing in cold weather. When you refill the reservoir, clean the edges of the windshield wiper blades with windshield washer fluid on a clean cloth. This will help to condition the blade edges.

NOTICE

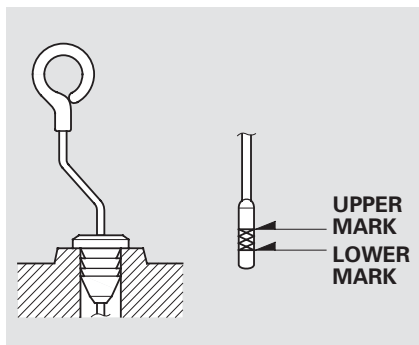
Do not use engine antifreeze or a vinegar/water solution in the windshield washer reservoir. Antifreeze can damage your vehicle's paint, while a vinegar/water solution can damage the windshield washer pump. Use only commercially-available windshield washer fluid.

Automatic Transmission Fluid



Check the fluid level with the engine at normal operating temperature.

1. Park the vehicle on level ground. Shut off the engine.
2. Remove the dipstick (yellow loop) from the transmission, and wipe it with a clean cloth.
3. Insert the dipstick all the way into the transmission as shown.



4. Remove the dipstick and check the fluid level. It should be between the upper and lower marks.
5. If the level is below the lower mark, remove the fill plug and add fluid to bring it to the upper mark.

Pour the fluid slowly and carefully so you do not spill any. Clean up any spills immediately; it could damage components in the engine compartment.

Always use Honda ATF-Z1 (Automatic Transmission Fluid). If it's not available, you may use a DEXRON® III automatic transmission fluid as a temporary replacement. However, continued use can affect the shift quality. Have the transmission flushed and refilled with Honda ATF-Z1 as soon as it is convenient.

To thoroughly flush the transmission, the technician should drain and refill it with Honda ATF-Z1, then drive the vehicle for a short distance. Do this three times. Then drain and refill the transmission a final time.

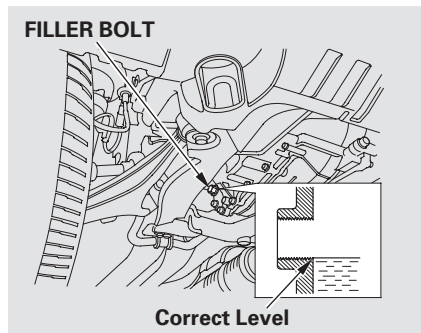
Automatic Transmission Fluid, Manual Transmission Fluid

6. Insert the dipstick all the way back into the transmission securely as shown in the illustration.

The transmission should be drained and refilled with new fluid according to the time and distance recommendations in the maintenance schedule.

If you are not sure how to add fluid, contact your dealer.

Manual Transmission



Check the fluid level with the transmission at normal operating temperature and the vehicle sitting on level ground. Remove the transmission filler bolt, and carefully feel inside the bolt hole with your finger. The fluid level should be up to the edge of the bolt hole. If it is not, add Honda Manual Transmission Fluid (MTF) until it starts to run out of the hole. Reinstall the filler bolt, and tighten it securely.

If Honda MTF is not available, you may use an SAE 10W-30 or 10W-40 viscosity motor oil with the API Certification seal that says “FOR GASOLINE ENGINES” as a temporary replacement. However, motor oil does not contain the proper additives, and continued use can cause stiffer shifting. Replace as soon as it is convenient.

The transmission should be drained and refilled with new fluid according to the time and distance recommendations in the maintenance schedule.

Timing Belt, Brake Fluid

Timing Belt

The timing belt should be replaced at the intervals shown in the maintenance schedule. Replace the belt at 100,000 km (60,000 miles) if you regularly drive your vehicle in one or more of these conditions:

- In very high temperatures (over 43°C, 110°F).
- In very low temperatures (under -29°C, -20°F).

Brake Fluid

Check the brake fluid level in the reservoirs monthly.

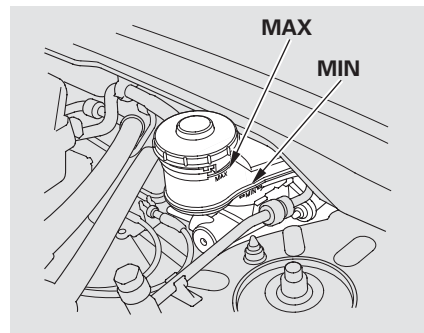
Replace the brake fluid according to the time recommendations in the maintenance minder schedule.

Always use Honda Heavy Duty Brake Fluid DOT 3. If it is not available, you should use only DOT 3 or DOT 4 fluid, from a sealed container, as a temporary replacement.

Using any non-Honda brake fluid can cause corrosion and decrease the life of the system. Have the brake system flushed and refilled with Honda Heavy Duty Brake Fluid DOT 3 as soon as possible.

Brake fluid marked DOT 5 is not compatible with your vehicle's braking system and can cause extensive damage.

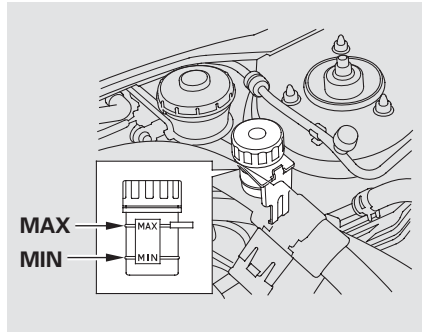
Brake System



The fluid level should be between the MIN and MAX marks on the side of the reservoir. If the level is at or below the MIN mark, your brake system needs attention. Have the brake system inspected for leaks or worn brake pads.

Clutch System

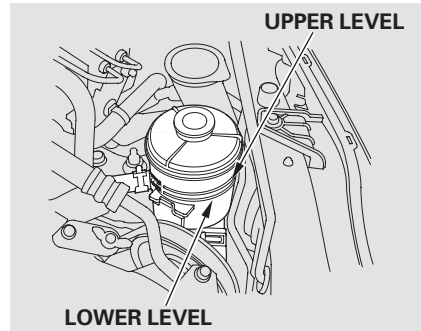
Manual Transmission only



The fluid level should be between the MIN and MAX marks on the side of the reservoir. If it is not, add brake fluid to bring it up to that level. Use the same fluid specified for the brake system.

A low fluid level can indicate a leak in the clutch system. Have this system inspected as soon as possible.

Power Steering Fluid



Check the level on the side of the reservoir when the engine is cold. The fluid should be between the UPPER LEVEL and LOWER LEVEL. If not add power steering fluid to the UPPER LEVEL mark.

Pour the fluid slowly and carefully so you do not spill any. Clean up any spills immediately; it could damage components in the engine compartment.

Always use Honda Power Steering Fluid. You may use another power steering fluid as an emergency replacement, but have the power steering system flushed and refilled with Honda PSF as soon as possible.

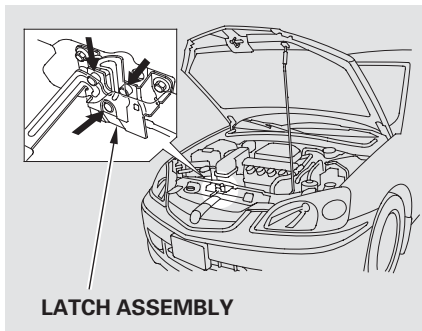
A low power steering fluid level can indicate a leak in the system. Check the fluid level frequently, and have the system inspected as soon as possible.

NOTICE

Turning the steering wheel to full left or right lock and holding it there can damage the power steering pump.

Hood Latch, Lights

Hood Latch



Clean the hood latch assembly with a mild cleaner, then lubricate it with a multipurpose grease. Lubricate all the moving parts (as shown), including the pivot. Follow the time and distance recommendations in the Maintenance Schedule. If you are not sure how to clean and grease the latch, contact your Acura dealer.

Headlight Aiming

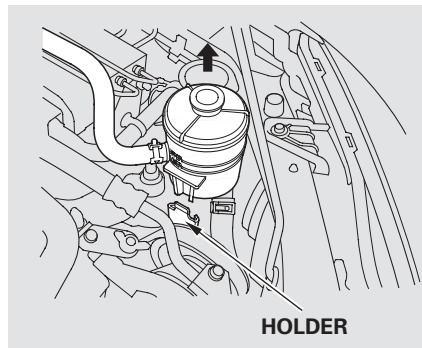
The headlights were properly aimed when your vehicle was new. If you regularly carry heavy items in the trunk, readjustment may be required. Adjustments should be performed by your dealer or other qualified mechanic.

Replacing a Headlight Bulb

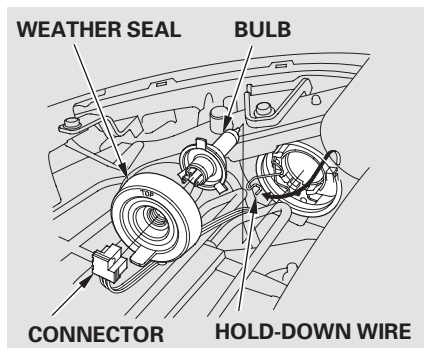
Your vehicle has halogen headlight bulbs. When replacing a bulb, handle it by its base, and protect the glass from contact with your skin or hard objects. If you touch the glass, clean it with denatured alcohol and a clean cloth.

NOTICE

Halogen headlight bulbs get very hot when lit. Oil, perspiration, or a scratch on the glass can cause the bulb to overheat and shatter.



1. If you need to change a headlight bulb on the driver's side, remove the power steering reservoir tank by pulling it out of its holders.



2. Remove the electrical connector from the bulb by pulling the connector straight back.
3. Remove the rubber weather seal by pulling on the tab.
4. Unclip the end of the hold-down wire from its slot. Pivot it out of the way, and remove the bulb.

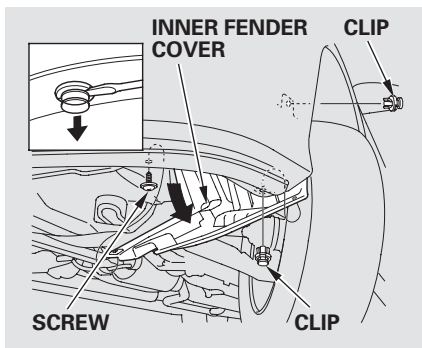
5. Insert the new bulb into the hole, making sure the tabs are in their slots. Pivot the hold-down wire back in place, and clip the end into the slot.
6. Install the rubber seal over the back of the headlight assembly. Make sure it is right side up; it is marked "TOP".
7. Push the electrical connector onto the new bulb. Make sure it is connected securely. Turn on the headlights to test the new bulb.
8. (Driver's side)
Reinstall the power steering reservoir.

Replacing Front Turn Signal Light and Fog Light Bulbs

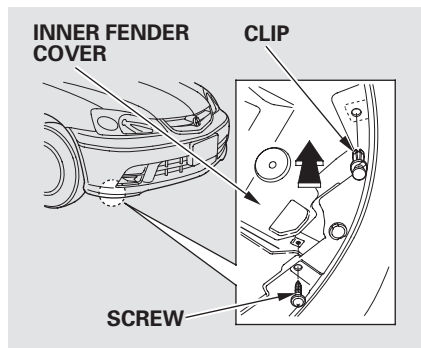
1. If you are changing the bulb on the driver's side, start the engine, turn the steering wheel all the way to the left, and turn off the engine. If you are changing the bulb on the passenger's side, turn the steering wheel to the right.

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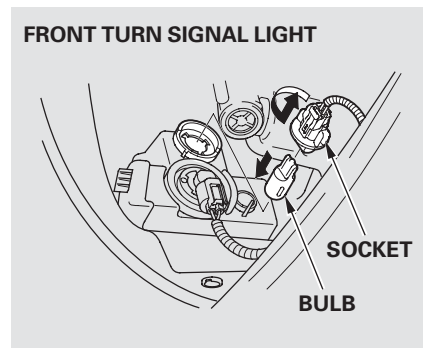
Lights



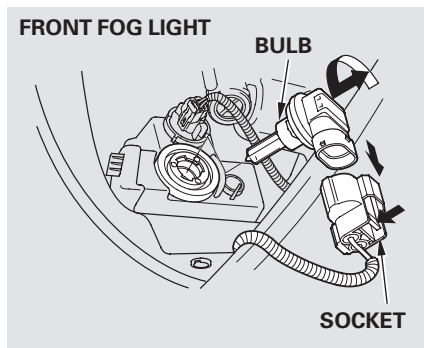
2. (Driver's side)
Remove the screw and use a flat tipped screwdriver to remove the holding clips from the inner fender. Pull down the inner fender cover.



- (Passenger's side)
Remove the screw and clip from the inner fender. Push up the inner fender cover.



3. Remove the socket by turning it one-quarter turn counterclockwise.
4. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.
5. Insert the socket. Turn it clockwise to lock it in place.



6. Remove the electrical connector from the bulb by pushing on the tab and pulling the connector down.
7. Remove the bulb by turning it one-quarter turn counterclockwise.
8. Replace the new bulb and install it by turning it clockwise until it lock.

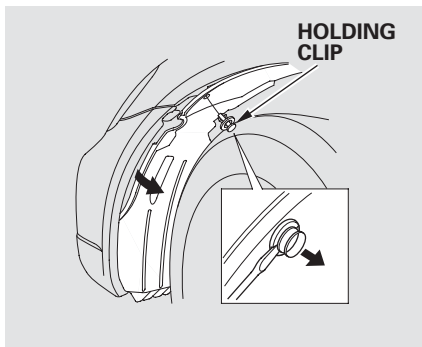
9. Connect the electrical connector.
10. Test the lights to make sure the new bulb is working.
11. Put the inner fender cover in place. Install the holding clips. Lock each one in place by pushing on the center.

Replacing Front Parking/Side Marker Light Bulbs

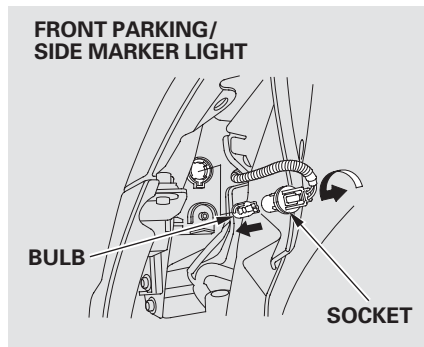
1. If you are changing the bulb on the driver's side, start the engine, turn the steering wheel all the way to the right, and turn off the engine. If you are changing the bulb on the passenger's side, turn the steering wheel to the left.

CONTINUED

Lights



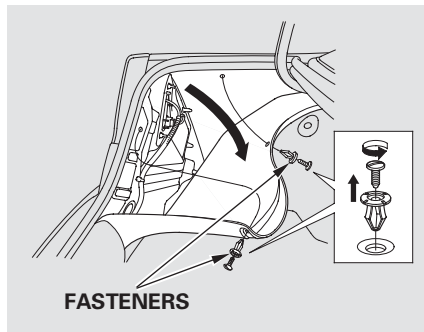
2. Use a flat-tipped screwdriver to remove the holding clip from the inner fender.
3. Pull the inner fender cover back.



4. Remove the socket from the headlight assembly by turning it one-quarter turn counterclockwise.
5. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.
6. Insert the socket back into the headlight assembly. Turn it clockwise to lock it in place.

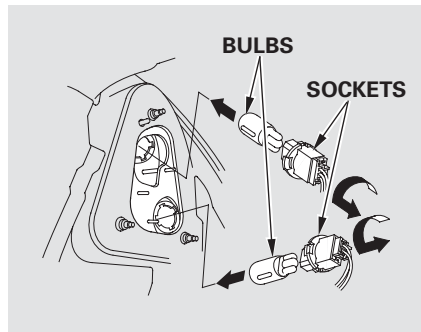
7. Test the lights to make sure the new bulb is working.
8. Put the inner fender cover in place. Install the holding clip. Lock each one in place by pushing on the center.

Replacing Rear Bulbs (in Fenders)



1. Open the trunk.

Remove the screws in the center of each of the two fasteners on the side of the trunk lining. Pull the lining back.



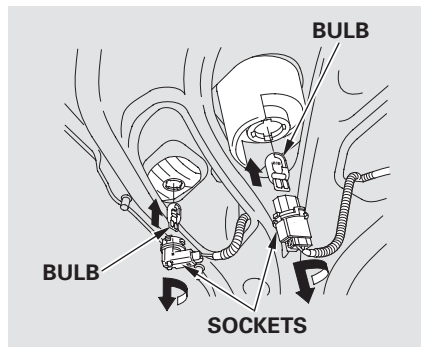
2. Determine which of the two bulbs is burned out: stop/taillight/side marker light or turn signal light.
3. Remove the socket by turning it one-quarter turn counterclockwise.

4. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.
5. Reinstall the socket into the light assembly by turning it clockwise until it locks.
6. Test the lights to make sure the new bulb is working.
7. Reinstall the trunk lining. Make sure it is installed under the edge of the trunk seal.
8. Put the fasteners into the holes on the side of the trunk lining. Reinstall the screws.

Lights

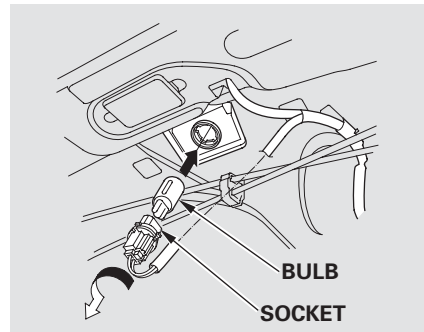
Replacing Rear Bulbs (in Trunk Lid)

1. Open the trunk.
2. Determine which of the two bulbs is burned out: taillight or back-up light.
3. Remove the socket by turning it one-quarter turn counterclockwise.



4. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.
5. Insert the socket back into the light assembly. Turn it clockwise to lock it in place.
6. Test the lights to make sure the new bulb is working.

Replacing a High-mount Brake Light Bulb

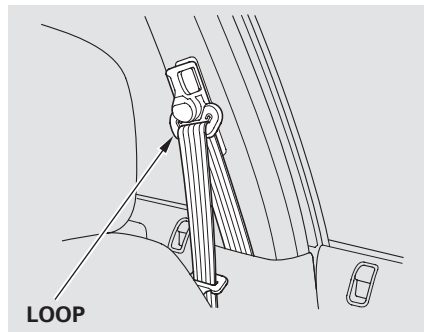


1. Open the trunk and remove the socket from the light assembly by turning it one-quarter turn counterclockwise.
2. Pull the bulb straight out of its socket. Push the new bulb straight into the socket until it bottoms.

Lights, Cleaning the Seat Belts, Floor Mats

3. Reinstall the socket. Turn it clockwise until it locks. Make sure the new bulb is working.

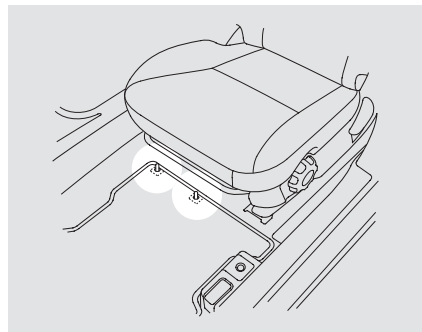
Cleaning Seat Belts



If your seat belts get dirty, use a soft brush with a mixture of mild soap and warm water to clean them. Do not use bleach, dye, or cleaning solvents. Let the belts air dry before you use the vehicle.

Dirt build-up in the loops of the seat belt anchors can cause the belts to retract slowly. Wipe the insides of the loops with a clean cloth dampened in mild soap and warm water or isopropyl alcohol.

Floor Mats



The driver's floor mat that came with your vehicle hooks over the floor mat anchor. This keeps the floor mat from sliding forward and possibly interfering with the pedals.

If you remove the driver's floor mat, make sure to re-anchor it when you put it back in your vehicle.

CONTINUED

Floor Mats, Dust and Pollen Filter, Wiper Blades

If you use an aftermarket floor mat, make sure it fits properly and that it can be used with the floor mat anchor. Do not put additional floor mats on top of the anchored mat.

Dust and Pollen Filter

This filter removes the dust and pollen that is brought in from the outside through the heating and cooling system.

Have your Acura replace this filter every 24,000 km (15,000 miles) if you drive primarily in urban areas that have high concentrations of soot in the air, or if the air flow from the climate control system becomes less than usual.

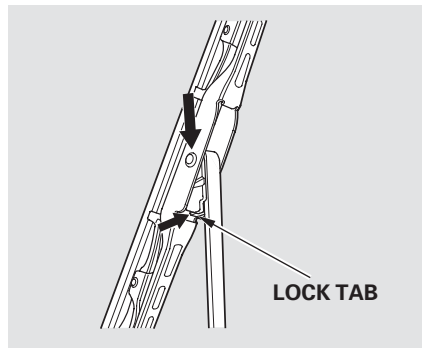
Wiper Blades

Check the condition of the wiper blades at least every six months. Replace them if you find signs of cracking in the rubber, areas that are getting hard, or if they leave streaks and unwiped areas when used.

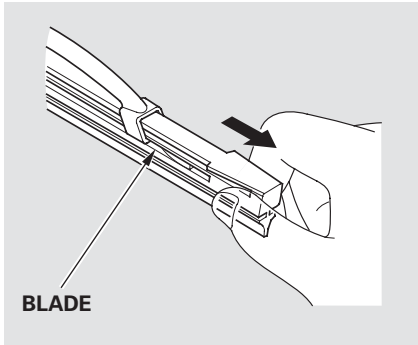
1. Raise the wiper arm off the windshield.

NOTICE

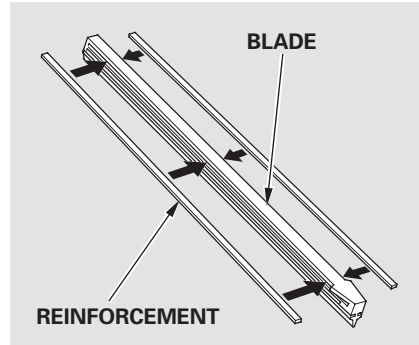
Do not open the hood when the wiper arms are raised, or you will damage the hood and wiper arms.



2. Disconnect the blade assembly from the wiper arm by pushing in the lock tab. Hold the lock tab in while you push the blade assembly toward the base of the arm.



3. Remove the blade from its holder by grasping the tabbed end of the blade. Pull firmly until the tabs come out of the holder.



4. Examine the new wiper blades. If they have no plastic or metal reinforcement along the back edge, remove the metal reinforcement strips from the old wiper blade, and install them in the slots along the edge of the new blade.

5. Slide the new wiper blade into the holder until the tabs lock.
6. Slide the wiper blade assembly onto the wiper arm. Make sure it locks in place.
7. Lower the wiper arm down against the windshield or rear window.

Tires

Tires

To safely operate your vehicle, your tires must be the proper type and size, in good condition with adequate tread, and correctly inflated.

The following pages give more detailed information on how to take care of your tires and what to do when they need to be replaced.

⚠ WARNING

Using tires that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding tire inflation and maintenance.

Inflation Guidelines

Keeping the tires properly inflated provides the best combination of handling, tread life, and riding comfort.

- Underinflated tires wear unevenly, adversely affect handling and fuel economy, and are more likely to fail from being overheated.
- Overinflated tires can make your vehicle ride more harshly, are more prone to damage from road hazards, and wear unevenly.

We recommend that you visually check your tires every day. If you think a tire might be low, check it immediately with a tire gauge.

Recommended Tire Pressures

The following chart shows the recommended cold tire pressures for most normal and high-speed driving conditions.

Tire Size	Cold Tire Pressure for Normal Driving
P195/60R15 87H	Front/Rear: 210 kPa (2.1 kgf/cm ² , 30 psi)

The compact spare tire pressure is: 420 kPa (4.2 kgf/cm², 60 psi)

For convenience, the recommended tire sizes and cold air pressures are on a label on the driver's doorjamb.

For additional information about your tires, see page 202 .

Use a gauge to measure the air pressure at least once a month. Even tires that are in good condition may lose 7 to 15 kPa (0.07 to 0.15 kgf/cm², 1 to 2 psi) per month. Remember to check the spare tire at the same time.

Check the air pressures when the tires are cold. This means the vehicle has been parked for at least three hours, or driven less than 1.6 km (1 mile). Add or release air, if needed, to match the recommended cold tire pressures on page 166 .

Tire pressure for high speed driving is the same as for normal driving.

If you check air pressure when the tires are hot (driven for several kilometers), you will see readings 30 to 40 kPa (0.3 to 0.4 kgf/cm², 4 to 6 psi) higher than the cold reading. This is normal. Do not let air to match the recommended cold air pressure. The tire will be underinflated.

While tubeless tires have some ability to self-seal if they are punctured, you should look closely for punctures if a tire starts losing pressure.

You should use your own tire pressure gauge whenever you check your tire pressures. This will make it easier for you to tell if a pressure loss is due to a tire problem and not due to a variation between gauges.

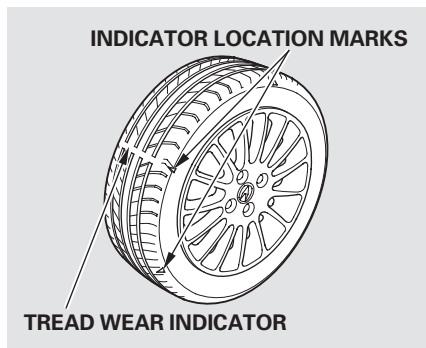
Tire Inspection

Every time you check inflation, you should also examine the tires for damage, foreign objects, and wear.

You should look for:

- Bumps or bulges in the tread or side of the tire. Replace the tire if you find either of these conditions.
- Cuts, splits, or cracks in the side of the tire. Replace the tire if you can see fabric or cord.
- Excessive tread wear.

Tires



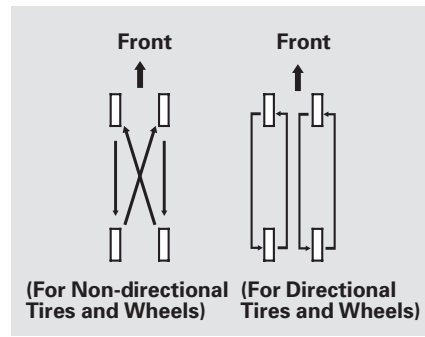
Your tires have wear indicators molded into the tread. When the tread wears down, you will see a band 12.7 mm (1/2 inch) wide running across the tread. This shows there is less than 1.6 mm (1/16 inch) of tread left on the tire. A tire this worn gives very little traction on wet roads. You should replace the tire if you can see three or more tread wear indicators.

Tire Maintenance

In addition to proper inflation, correct wheel alignment helps to decrease tire wear. If you find a tire is worn unevenly, have your dealer check the wheel alignment.

Have your dealer check the tires if you feel a consistent vibration while driving. A tire should always be rebalanced if it is removed from the wheel. When you have new tires installed, make sure they are balanced. This increases riding comfort and tire life. For best results, have the installer perform a dynamic balance.

Tire Rotation



To help increase tire life and distribute wear more evenly, rotate the tires every 16,000 km (10,000 miles). Move the tires to the positions shown in the chart each time they are rotated. If you purchase directional tires, rotate only front-to-back.

Replacing Tires and Wheels

Replace your tires with radial tires of the same size, load range, speed rating, and maximum cold tire pressure rating (as shown on the tire’s sidewall). Mixing radial and bias-ply tires on your vehicle can reduce braking ability, traction, and steering accuracy. Using tires of a different size or construction can cause the ABS to work inconsistently.

It is best to replace all four tires at the same time. If that is not possible or necessary, replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle’s handling.

If you ever replace a wheel, make sure that the wheel’s specifications match those of the original wheels. Replacement wheels are available at your dealer.

⚠ WARNING
<p>Installing improper tires on your vehicle can affect handling and stability. This can cause a crash in which you can be seriously hurt or killed.</p> <p>Always use the size and type of tires recommended in this owner’s manual.</p>

Wheel and Tire Specifications

Wheels:
15 x 6 JJ

Tires:
P195/60R15 87H

See page 202 for information about DOT Tire Quality Grading and page 204 for tire size explanation.

Winter Driving

Tires marked “M + S” or “All Season” on the sidewall have an all-weather tread design suitable for most winter driving conditions.

For the best performance in snowy or icy conditions, you should install snow tires or tire chains. They may be required by local laws under certain conditions.

Snow Tires

If you mount snow tires on your vehicle, make sure they are radial tires of the same size and load range as original tires. Mount snow tires on all four wheels. The traction provided by snow tires on dry roads may be lower than your original tires. Check with the tire dealer for maximum speed recommendations.

CONTINUED

Tires

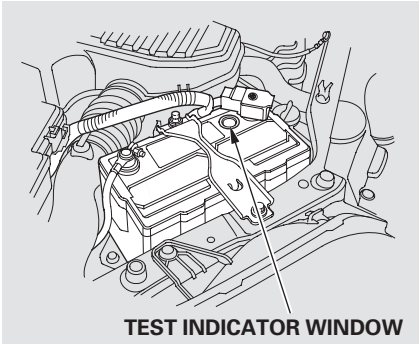
Tire Chains

Because your vehicle has limited tire clearance, mount only SAE Class “S” cable-type traction devices, with rubber chain tensioners on the front tires. Use traction devices only when required by driving conditions or local laws. Make sure they are the correct size for your tires. Make link-type “chains” should not be used.

When installing cables, follow the manufacturer’s instructions, and mount them as tight as you can. Make sure they are not contacting the brake lines or suspension. Drive slowly with them installed. If you hear them coming into contact with the body or chassis, stop and investigate. Remove them as soon as you begin driving on cleared roads.

NOTICE

Traction devices that are the wrong size or improperly installed can damage your vehicle’s brake lines, suspension, body, and wheels. Stop driving if they are hitting any part of the vehicle.



Check the condition of the battery monthly by looking at the test indicator window. The label on the battery explains the test indicator's colors.

Check the terminals for corrosion (a white or yellowish powder). To remove it, cover the terminals with a solution of baking soda and water. It will bubble up and turn brown. When this stops, wash it off with plain water. Dry off the battery with a cloth or paper towel. Coat the terminals with grease to help prevent further corrosion.

If additional battery maintenance is needed, see your dealer or a qualified technician.

WARNING: Battery posts, terminals, and related accessories contain lead and lead compounds. **Wash your hands after handling.**

If you need to connect the battery to a charger, disconnect both cables to prevent damaging your vehicle's electrical system. Always disconnect the negative (–) cable first, and reconnect it last.

▲ WARNING

The battery gives off explosive hydrogen gas during normal operation.

A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

Wear protective clothing and a face shield, or have a skilled mechanic do the battery maintenance.

Vehicle Storage

If you need to park your vehicle for an extended period (more than one month), there are several things you should do to prepare it for storage. Proper preparation helps prevent deterioration and makes it easier to get your vehicle back on the road. If possible, store your vehicle indoors.

- Fill the fuel tank.
- Change the engine oil and filter.
- Wash and dry the exterior completely.
- Clean the interior. Make sure the carpeting, floor mats, etc., are completely dry.
- Leave the parking brake off. Put the transmission in Reverse (manual) or Park (automatic).

- Block the rear wheels.
- If the vehicle is to be stored for a longer period, it should be supported on jackstands so the tires are off the ground.
- Leave one window open slightly (if the vehicle is being stored indoors).
- Disconnect the battery.
- Support the front wiper blade arms with a folded towel or rag so they do not touch the windshield.
- To minimize sticking, apply a silicone spray lubricant to all door and trunk seals. Also, apply a vehicle body wax to the painted surfaces that mate with the door and trunk seals.

- Cover the vehicle with a “breathable” cover, one made from a porous material such as cotton. Non-porous materials, such as plastic sheeting, trap moisture, which can damage the paint.
- If possible, periodically run the engine until it reaches full operating temperature (the cooling fan cycles twice). Preferably, do this once a month.

If you store your vehicle for 12 months or longer, have your dealer perform the inspections called for in the 24 months (208,000 km) maintenance schedule (Severe Conditions) as soon as you take it out of storage (see page 143). The replacements called for in the maintenance schedule are not needed unless the vehicle has actually reached that time or mileage.

This section covers the more common problems that motorists experience with their vehicles. It gives you information about how to safely evaluate the problem and what to do to correct it. If the problem has stranded you on the side of the road, you may be able to get going again. If not, you will also find instructions on getting your vehicle towed.

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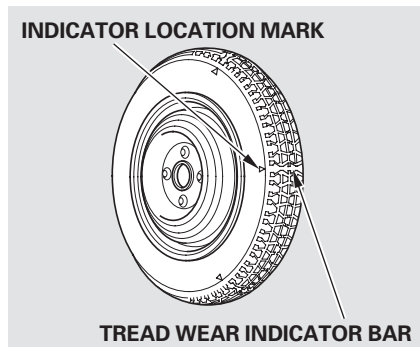
Compact Spare Tire

Use the compact spare tire as a temporary replacement only. Get your regular tire repaired or replaced, and put it back on your vehicle as soon as you can.

Check the inflation pressure of the compact spare tire every time you check the other tires. It should be inflated to:
420 kPa (4.2 kgf/cm² , 60 psi)

Follow these precautions:

- Never exceed 80 km/h (50 mph).
- This tire gives a harsher ride and less traction on some road surfaces. Use greater caution while driving.
- Do not mount snow chains on the compact spare tire.
- Do not use your compact spare tire on another vehicle unless it is the same make and model.



Replace the compact spare tire when you can see the tread wear indicator bars. The replacement should be the same size and design tire, mounted on the same wheel. The spare tire is not designed to be mounted on a regular wheel, and the spare wheel is not designed for mounting a regular tire.

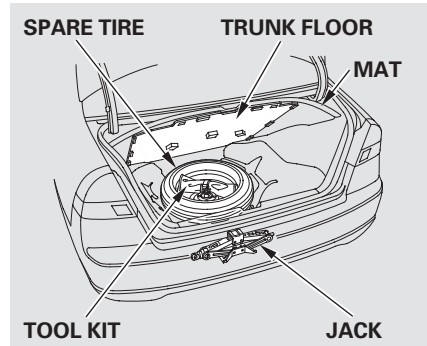
If you have a flat tire while driving, stop in a safe place to change it. Drive slowly along the shoulder until you get to an exit or an area to stop that is far away from the traffic lanes.

⚠ WARNING

The vehicle can easily roll off the jack, seriously injuring anyone underneath.

Follow the directions for changing a tire exactly, and never get under the vehicle when it is supported only by the jack.

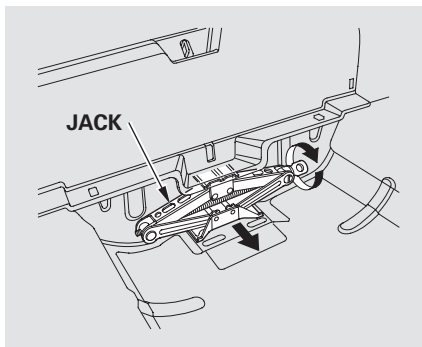
1. Park the vehicle on firm, level and non-slippery ground. Put the transmission in Park (automatic) or Reverse (manual). Apply the parking brake.
2. Turn on the hazard warning lights, and turn the ignition switch to LOCK (0). Have all the passengers get out of the vehicle while you change the tire.



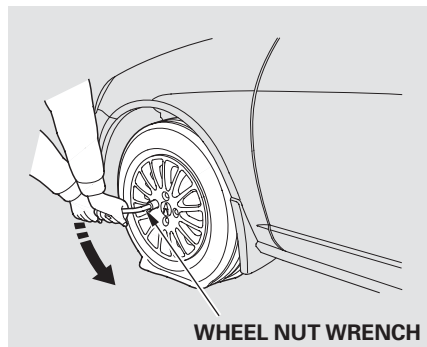
3. Open the trunk. Raise the trunk floor mat and the trunk floor by lifting up on the back edge.
4. Take the tool kit out of the trunk.
5. Unscrew the wing bolt and take the spare tire out of its well.

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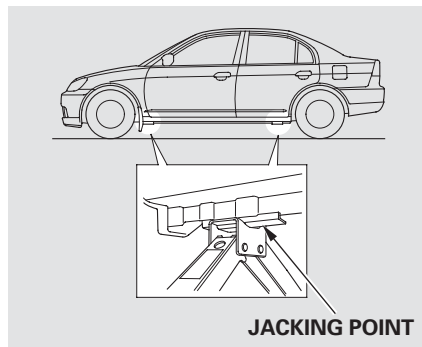
Changing a Flat Tire



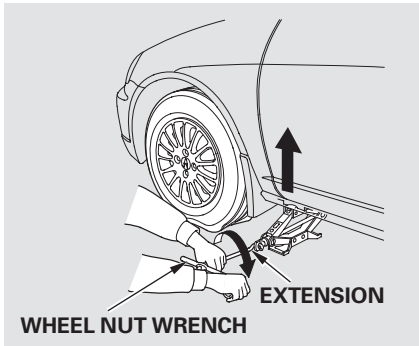
6. Turn the jack's end counter-clockwise to loosen it, then remove the jack.



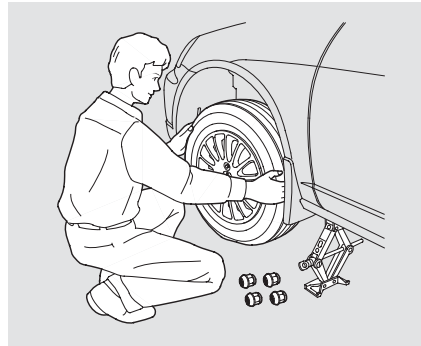
7. Loosen each wheel nut 1/2 turn with the wheel nut wrench.



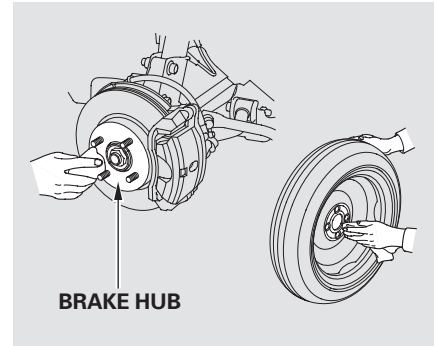
8. Place the jack under the jacking point. Turn the end bracket clockwise until the top of the jack contacts the jacking point. Make sure the jacking point tab is resting in the jack notch.



9. Use the extension and the wheel nut wrench as shown to raise the vehicle until the flat tire is off the ground.



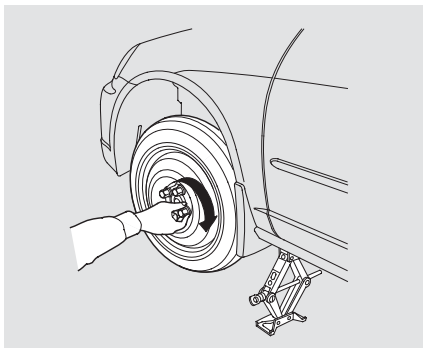
10. Remove the wheel nuts, then remove the flat tire. The wheel nuts will be very hot if you were recently driving. Place the flat tire on the ground with the outside surface facing up.



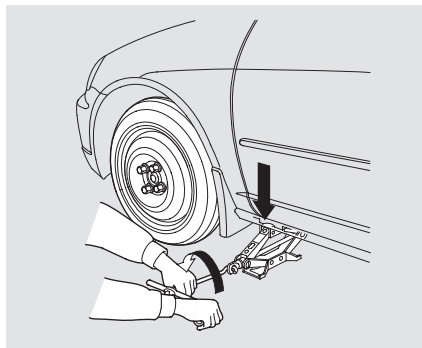
11. Before mounting the spare tire, wipe any dirt off the mounting surface of the wheel and hub with a clean cloth. Wipe the hub carefully; it may be hot from driving.

CONTINUED

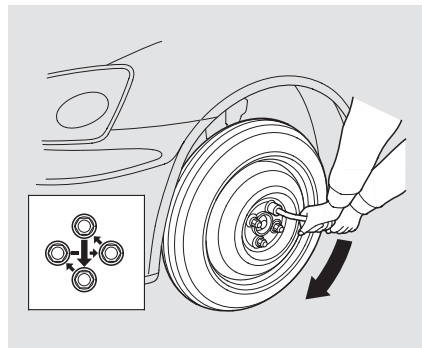
Changing a Flat Tire



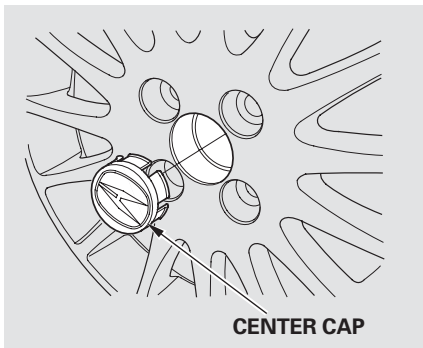
12. Put on the spare tire. Put the wheel nuts back on finger-tight, then tighten them in a crisscross pattern with the wheel wrench until the wheel is firmly against the hub. Do not try to tighten them fully.



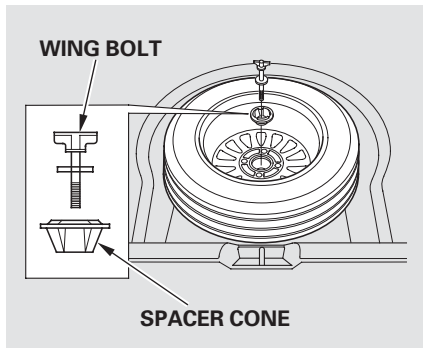
13. Lower the car to the ground and remove the jack.



14. Tighten the wheel nuts securely in the same crisscross pattern. Have the wheel nut torque checked at the nearest automotive service facility.
Tighten the wheel nuts to:
108 N·m (11 kgf·m , 80 lbf·ft)



15. Remove the center cap before storing the flat tire in the trunk well.



16. Place the flat tire face down in the spare tire well.
17. Remove the spacer cone from the wing bolt, turn it over, and put it back on the bolt.
18. Secure the flat tire by screwing the wing bolt back into its hole.

19. Store the jack in the trunk with the end bracket on the left side. Turn the jack's end bracket to lock it in place. Store the tool kit.

⚠ WARNING

Loose items can fly around the interior in a crash and could seriously injure the occupants.

Store the wheel, jack, and tools securely before driving.

20. Store the wheel cover or center cap in the trunk. Make sure it does not get scratched or damaged.
21. Lower the trunk floor and trunk floor mat, then close the trunk lid.

If the Engine Won't Start

Diagnosing why the engine won't start falls into two areas, depending on what you hear when you turn the key to START (III):

- You hear nothing, or almost nothing. The engine's starter motor does not operate at all, or operates very slowly.
- You can hear the starter motor operating normally, or the starter motor sounds like it is spinning faster than normal, but the engine does not start up and run.

Nothing Happens or the Starter Motor Operates Very Slowly

When you turn the ignition switch to START (III), you do not hear the normal noise of the engine trying to start. You may hear a clicking sound or series of clicks, or nothing at all. Check these things:

- Check the transmission interlock. If you have a manual transmission, the clutch pedal must be pushed all the way to the floor or the starter will not operate. With an automatic transmission, it must be in Park or Neutral.
- Turn the ignition switch to ON (II). Turn on the headlights, and check their brightness. If the headlights are very dim or do not come on at all, the battery is discharged. See **Jump Starting** on page 182 .

- Turn the ignition switch to START (III). If the headlights do not dim, check the condition of the fuses. If the fuses are OK, there is probably something wrong with the electrical circuit for the ignition switch or starter motor. You will need a qualified technician to determine the problem (see **Emergency Towing** on page 194).

If the headlights dim noticeably or go out when you try to start the engine, either the battery is discharged or the connections are corroded. Check the condition of the battery and terminal connections (see page 171). You can then try jump starting the vehicle from a booster battery (see page 182).

The Starter Operates Normally

In this case, the starter motor's speed sounds normal, or even faster than normal, when you turn the ignition switch to START (III), but the engine does not run.

- Are you using a properly coded key? An improperly coded key will cause the immobilizer system indicator in the instrument panel to blink rapidly (see page 68).
- Are you using the proper starting procedure? Refer to **Starting the Engine** on page 129.

- Do you have fuel? Check the fuel gauge; the low fuel indicator may not be working.
- There may be an electrical problem, such as no power to the fuel pump. Check all the fuses (see page 190).

If you find nothing wrong, you will need a qualified technician to find the problem. See **Emergency Towing** on page 194 .

Jump Starting

Although this seems like a simple procedure, you should take several precautions.

⚠ WARNING

A battery can explode if you do not follow the correct procedure, seriously injuring anyone nearby.

Keep all sparks, open flames, and smoking materials away from the battery.

You cannot start your vehicle with an automatic transmission by pushing or pulling it.

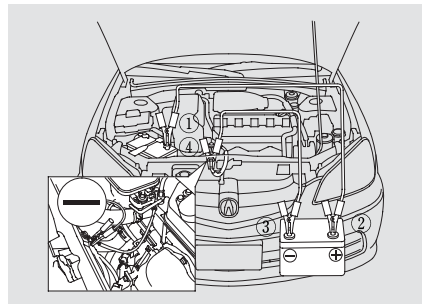
To jump start your vehicle:

1. Open the hood, and check the physical condition of the battery. In very cold weather, check the condition of the electrolyte. If it seems slushy or like ice, do not try jump starting until it thaws.

NOTICE

If a battery sits in extreme cold, the electrolyte inside can freeze. Attempting to jump start with a frozen battery can cause it to rupture.

2. Turn off all the electrical accessories: heater, A/C, stereo system, lights, etc. Put the transmission in Neutral or Park, and set the parking brake.



The numbers in the illustration show you the order to connect the jumper cables.

3. Connect one jumper cable to the positive (+) terminal on your battery. Connect the other end to the positive (+) terminal on the booster battery.

Jump Starting, If Your Engine Overheats

4. Connect the second jumper cable to the negative (–) terminal on the booster battery. Connect the other end to the grounding strap as shown. Do not connect this jumper cable to any other part of the engine.
5. If the booster battery is in another vehicle, have an assistant start that vehicle and run it at a fast idle.
6. Start the vehicle. If the starter motor still operates slowly, check that the jumper cables have good metal-to-metal contact.
7. Once the vehicle is running, disconnect the negative cable from your vehicle, then from the booster battery. Disconnect the positive cable from the vehicle, and then from the booster battery.

Keep the ends of the jumper cables away from each other and any metal on the vehicle until everything is disconnected. Otherwise, you may cause an electrical short.

If Your Engine Overheats

The pointer of the vehicle's temperature gauge should stay in the midrange. If it climbs to the red mark, you should determine the reason (hot day, driving up a steep hill, etc.).

If the vehicle overheats, you should take immediate action. The only indication may be the temperature gauge climbing to or above the red mark. Or you may see steam or spray coming from under the hood.

NOTICE

Driving with the temperature gauge pointer at the red mark can cause serious damage to your engine.

CONTINUED

If the Engine Overheats

▲ WARNING

Steam and spray from an overheated engine can seriously scald you.

Do not open the hood if steam is coming out.

1. Safely pull to the side of the road. Put the transmission in Neutral or Park, and set the parking brake. Turn off the all accessories, and turn on the hazard warning indicators.
2. If you see steam and/or spray coming from under the hood, turn off the engine. Wait until you see no more signs of steam or spray, then open the hood.
3. If you do not see steam or spray, leave the engine running, and watch the temperature gauge. If the high heat is due to overloading, the engine should start to cool down almost immediately. If it does, wait until the temperature gauge comes down to the midpoint, then continue driving.
4. If the temperature gauge stays at the red mark, turn off the engine.
5. Look for any obvious coolant leaks, such as a split radiator hose. Everything is still extremely hot, so use caution. If you find a leak, it must be repaired before you continue driving (see **Emergency Towing** on page 194).
6. If you do not find an obvious leak, check the coolant level in the radiator reserve tank. Add coolant if the level is below the MIN mark.

7. If there was no coolant in the reserve tank, you may need to add coolant to the radiator. Let the engine cool down until the pointer reaches the middle of the temperature gauge, or lower, before checking the radiator.

▲ WARNING

Removing the radiator cap while the engine is hot can cause the coolant to spray out, seriously scalding you.

Always let the engine and radiator cool down before removing the radiator cap.

8. Using gloves or a large heavy cloth, turn the radiator cap counterclockwise, without pushing down, to the first stop. After the pressure releases, push down on the cap, and turn it until it comes off.
9. Start the engine, and set the temperature control dial to maximum. Add coolant to the radiator up to the base of the filler neck. If you do not have the proper coolant mixture available, you can add plain water. Remember to have the cooling system drained and refilled with the proper mixture as soon as you can.
10. Put the radiator cap back on tightly. Run the engine, and watch the temperature gauge. If it goes back to the red mark, the engine needs repair (see **Emergency Towing** on page 194).
11. If the temperature stays normal, check the coolant level in the radiator reserve tank. If it has gone down, add coolant to the MAX mark. Put the cap back on tightly.

Low Oil Pressure Indicator, Charging System Indicator

Low Oil Pressure Indicator



This indicator should never come on when the engine is running. If it starts flashing or stays on, the oil pressure has dropped very low or lost pressure. Serious engine damage is possible and you should take immediate action.

NOTICE

Running the engine with low oil pressure can cause serious mechanical damage almost immediately. Turn off the engine as soon as you can safely get the vehicle stopped.

1. Safely pull off the road, and shut off the engine. Turn on the hazard warning indicators.
2. Let the vehicle sit for a minute. Open the hood, and check the oil level (see page 119). An engine very low on oil can lose pressure during cornering and other driving maneuvers.
3. If necessary, add oil to bring the level back to the full mark on the dipstick (see page 147).
4. Start the engine, and watch the oil pressure indicator. If it does not go out within 10 seconds, turn off the engine. There is a mechanical problem that needs to be repaired before you can continue driving (see **Emergency Towing** on page 194).

Charging System Indicator



If the charging system indicator comes on brightly when the engine is running, the battery is not being charged.

Immediately turn off all electrical accessories. Try not to use other electrically operated controls such as the power windows. Keep the engine running; starting the engine will discharge the battery rapidly.

Go to a service station or garage where you can get technical assistance.



If the indicator comes on while driving, it means one of the engine's emissions control systems may have a problem. Even though you may feel no difference in your vehicle's performance, it can reduce your fuel economy and cause increased emissions. Continued operation may cause serious damage.

If you have recently refueled your vehicle, the indicator coming on could be due to a loose or missing fuel fill cap. Tighten the cap until it clicks at least three times. Tightening the cap will not turn the indicator off immediately; it takes at least three days of normal driving.

If the indicator comes on repeatedly, even though it may turn off as you continue driving, have the vehicle checked by the dealer as soon as possible.

NOTICE

If you keep driving with the malfunction indicator lamp on, you can damage your vehicle's emissions controls and engine. Those repairs may not be covered by your vehicle's warranties.

Readiness Code

Your vehicle has certain "readiness codes" that are part of the on-board diagnostics for the emissions systems. In some states, part of the emissions testing is to make sure these codes are set. If they are not set, the test cannot be completed.

If your vehicle battery has been disconnected or gone dead, these codes are erased. It takes at least three days of driving under various conditions to set the codes again.

To check if they are set, turn the ignition to ON (II), without starting the engine. The Malfunction Indicator Lamp will come on for 20 seconds. If it then goes off, the readiness codes are set. If it blinks 5 times, the readiness codes are not set. If possible, do not take your vehicle for a state emissions test until the readiness codes are set. Refer to State Emissions Testing for more information (see page 210).

Brake System Indicator



The brake system indicator normally comes on when you turn the ignition switch to ON (II), and as a reminder to check the parking brake. It will stay on if you do not fully release the parking brake.

If the brake system indicator comes on while driving, the brake fluid level is probably low. Press lightly on the brake pedal to see if it feels normal. If it does, check the brake fluid level the next time you stop at a service station (see page 154).

If the fluid level is low, take your vehicle to a dealer, and have the brake system inspected for leaks or worn brake pads.

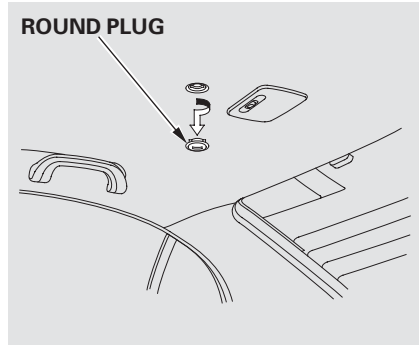
However, if the brake pedal does not feel normal, you should take immediate action. A problem in one part of the system's dual circuit design will still give you braking at two wheels. You will feel the brake pedal go down much farther before the vehicle begins to slow down, and you will have to press harder on the pedal.

Slow down by shifting to a lower gear, and pull to the side of the road when it is safe. Because of the long distance needed to stop, it is hazardous to drive the vehicle. You should have it towed and repaired as soon as possible (see **Emergency Towing** on page 194).

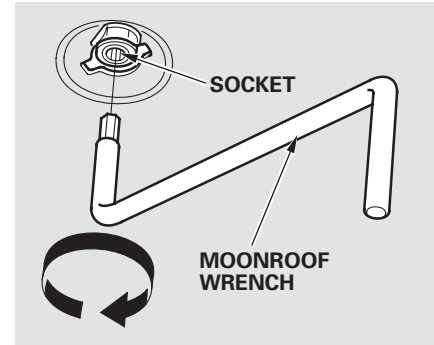
If you must drive the vehicle a short distance in this condition, drive slowly and carefully.

If the electric motor will not close the moonroof, do the following:

1. Check the fuse for the moonroof motor (see page 192). If the fuse is blown, replace it with one of the same or lower rating.
2. Try closing the moonroof. If the new fuse blows immediately or the moonroof motor still does not operate, you can close the moonroof manually.
3. Get the moonroof wrench out of the tool kit in the trunk.



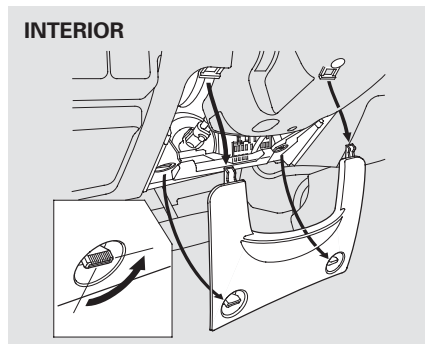
4. Use a screwdriver or coin to remove the round plug in the center of the headliner.



5. Insert the moonroof wrench into the socket behind this plug. Turn the wrench until the moonroof is fully closed.
6. Remove the wrench. Reinstall the round plug.

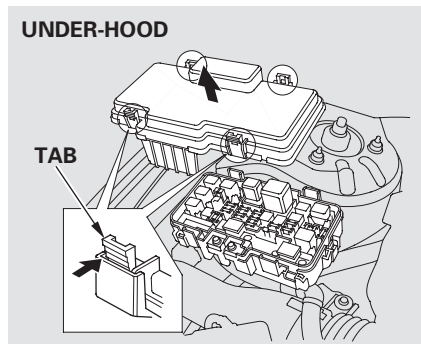
If you need to close the moonroof manually, it means the moonroof opening/closing function is developing a problem. Have your vehicle checked by your dealer.

Fuses



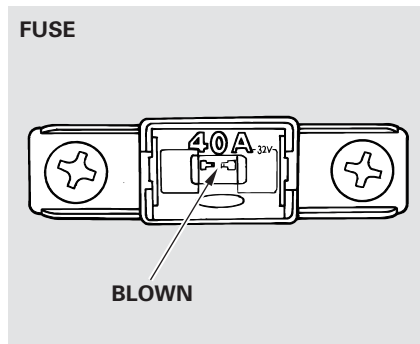
The vehicle's fuses are contained in two fuse boxes. The interior fuse box is located underneath the steering column. To open it, turn the knobs as shown.

The under-hood fuse box is located near the back of the engine compartment on the driver's side. To open it, push the tabs as shown.

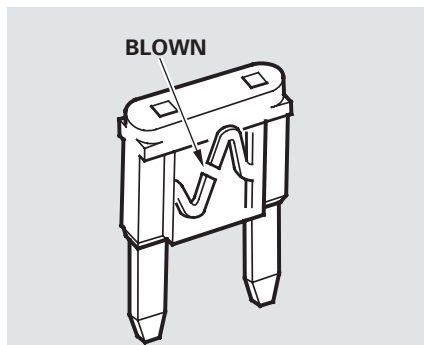


Checking and Replacing Fuses

If something electrical in your vehicle stops working, check for a blown fuse first. Determine from the chart on pages 192 and 193, or the diagram on the fuse box lid, which fuses control that device. Check those fuses first, but check all the fuses before deciding that a blown fuse is the cause. Replace any blown fuses, and check if the device works.



1. Turn the ignition switch to LOCK (0). Make sure the headlights and all other accessories are off.
2. Remove the cover from the fuse box.
3. Check each of the large fuses in the under-hood fuse box by looking through the top at the wire inside. Remove the screws with a phillips-head screwdriver.



4. Check the smaller fuses in the under-hood fuse box and all the fuses in the interior fuse box by pulling out each one with the fuse puller provided in the under-hood fuse box.
5. Look for a burned wire inside the fuse. If it is burned, replace it with one of the spare fuses of the same rating or lower.

If you cannot drive the vehicle without fixing the problem, and you do not have a spare fuse, take a fuse of the same rating or a lower rating from one of the other circuits. Make sure you can do without that circuit temporarily (such as the accessory power socket or radio).

If you replace the blown fuse with a spare fuse that has a lower rating, it might blow out again. This does not indicate anything wrong. Replace the fuse with one of the correct rating as soon as you can.

NOTICE

Replacing a fuse with one that has a higher rating greatly increases the chances of damaging the electrical system. If you do not have a replacement fuse with the proper rating for the circuit, install one with a lower rating.

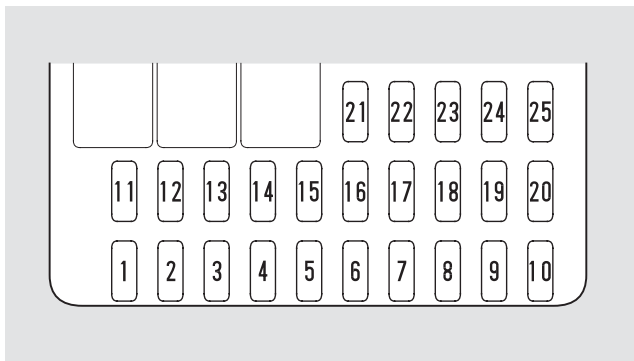
6. If the replacement fuse of the same rating blows in a short time, there is probably a serious electrical problem with your vehicle. Leave the blown fuse in that circuit, and have your vehicle checked by a qualified mechanic.

If the radio fuse is removed, the audio system will disable itself. The next time you turn on the radio you will see “ **CODE** ” in the frequency display. Use the preset buttons to enter the five-digit code (see page 109).

When the audio system is disabled, the clock setting in the audio system will be canceled. You will need to reset the clock according to the instructions in the audio system section on this owner’s manual.

Fuse Locations

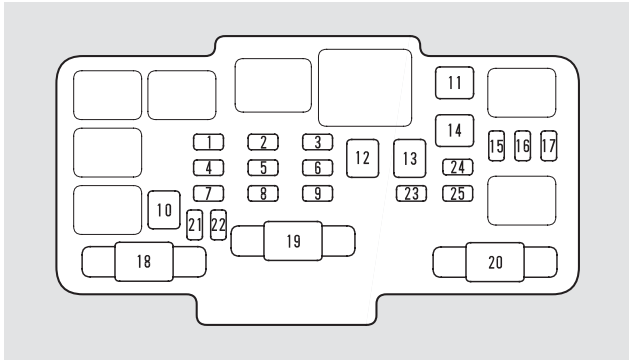
INTERIOR FUSE BOX



No.	Amps.	Circuits Protected
1	15 A	Ignition Coil
2	20 A	LAF Heater
3	10 A	Daytime Running Lights
4	10 A	Alternator
5	—	Not Used

No.	Amps.	Circuits Protected
6	7.5 A	Power Window Relay
7	20 A	Moonroof
8	7.5 A	Accessory, Radio
9	—	Not Used
10	7.5 A	Meter
11	7.5 A	ABS
12	7.5 A	Daytime Running Lights
13	10 A	SRS
14	10 A	Remote Control Mirrors
15	20 A	Front Fog Light
16	20 A	Heated Seat
17	15 A	Fuel Pump
18	15 A	Accessory Power Sockets
19	7.5 A	Turn Signal Lights
20	20 A	Front Wiper
21	—	Not Used
22	20 A	Front Right Power Window
23	20 A	Front Left Power Window
24	20 A	Rear Left Power Window
25	20 A	Rear Right Power Window

UNDER-HOOD FUSE BOX



No.	Amps.	Circuits Protected
1	20 A	Condenser Fan
2	15 A	Small Light
3	7.5 A	Interior Light
4	20 A	Cooling Fan
5	10 A	Hazard
6	15 A	FI ECU
7	15 A	Horn, Stop
8	20 A	ABS F/S
9	10 A	Back Up
10	40 A	ABS Motor
11	30 A	Rear Defroster
12	40 A	Heater Motor
13	40 A	Power Window
14	40 A	Option
15	15 A	Left Headlight
16	20 A	Door Lock
17	15 A	Right Headlight
18	—	Not Used
19	80 A	Battery
20	40 A	Ignition 1
21-25	7.5 A-30 A	Spare Fuses

Emergency Towing

If your vehicle needs to be towed, call a professional towing service or organization. Never tow your vehicle with just a rope or chain. It is very dangerous.

There are three popular types of professional towing equipment.

Flat-bed Equipment — The operator loads your vehicle on the back of a truck. **This is the best way to transport your vehicle.**

Wheel-lift Equipment — The tow truck uses two pivoting arms that go under the tires (front or rear) and lift them off the ground. The other two tires remain on the ground. **This is an acceptable way to tow your vehicle.**

Sling-type Equipment — The tow truck uses metal cables with hooks on the ends. These hooks go around parts of the frame or suspension and the cables lift that end of the vehicle off the ground. Your vehicle's suspension and body can be seriously damaged. **This method of towing is unacceptable.**

If, due to damage, your vehicle must be towed with the front wheels on the ground, do the following:

Manual Transmission:

- Release the parking brake.
- Shift the transmission to Neutral.

Automatic Transmission:

- Release the parking brake.
- Start the engine.
- Shift to D, then to N.
- Turn off the engine.

NOTICE

Improper towing preparation will damage the transmission. Follow the above procedure exactly. If you cannot shift the transmission or start the engine (automatic transmission), your vehicle must be transported with the front wheels off the ground.

With the front wheels on the ground, it is best to tow the vehicle no farther than 80 km (50 miles), and keep the speed below 55 km/h (35 mph).

If you decide to tow your vehicle with all four wheels on the ground, make sure you use a properly-designed and attached tow bar. Prepare the vehicle for towing as described above, and leave the ignition switch in Accessory (I) so the steering wheel does not lock. Make sure the radio and any items plugged into the accessory power socket are turned off so they do not run down the battery.

NOTICE

The steering system can be damaged if the steering wheel is locked. Leave the ignition switch in ACCESSORY (I), and make sure the steering wheel turns freely before you begin towing.

NOTICE

Trying to lift or tow your vehicle by the bumpers will cause serious damage. The bumpers are not designed to support the vehicle's weight.

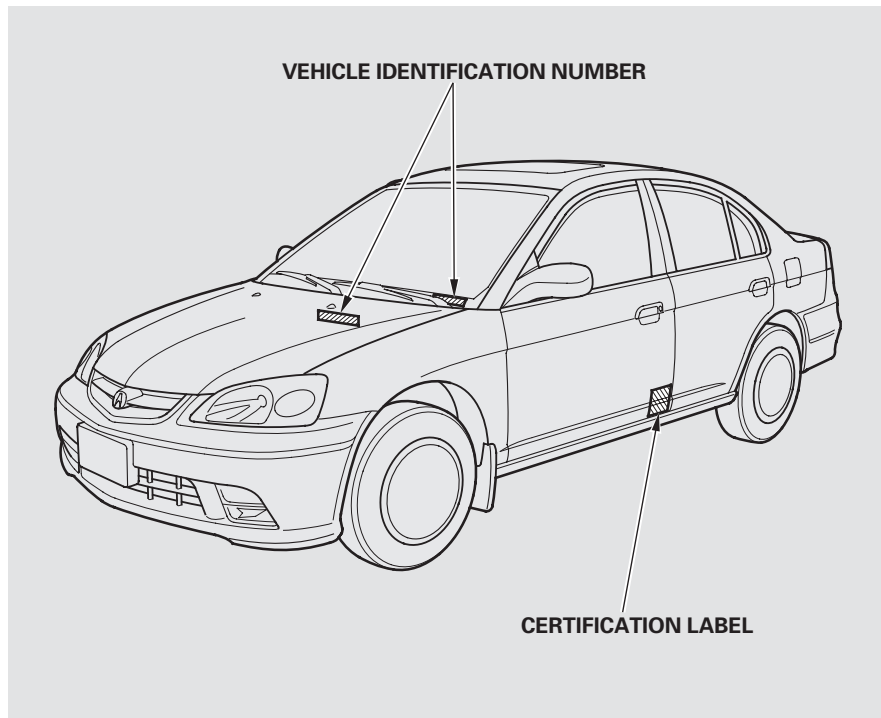
The diagrams in this section give you the dimensions and capacities of your vehicle, and the locations of the identification numbers. It also includes information you should know about your vehicle's tires and emissions control systems.

Identification Numbers.....	198	Emissions Controls.....	207
Specifications	200	Crankcase Emissions Control	
Dot Tire Quality Grading.....	202	System.....	207
Tire Quality Grading	202	Evaporative Emissions Control	
Treadwear	202	System.....	207
Traction	202	Onboard Refueling Vapor	
Temperature	203	Recovery	207
Tire Labeling	204	Exhaust Emissions Controls	208
Oxygenated Fuels.....	205	PGM-FI System	208
Driving in Foreign Countries	206	Ignition Timing Control	
		System.....	208
		Exhaust Gas Recirculation	
		System.....	208
		Three Way Catalytic	
		Converter.....	208
		Replacement Parts.....	208
		Three Way Catalytic Converter...	209
		Provincial Emissions Testing	210

Identification Numbers

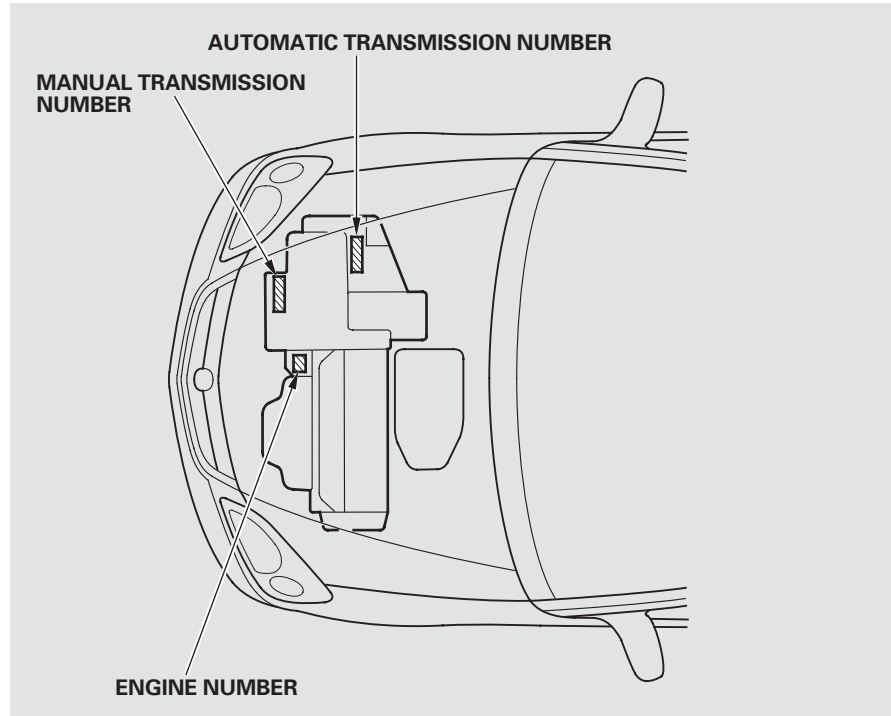
Your vehicle has several identifying numbers in various places.

The Vehicle Identification Number (VIN) is the 17-digit number your Acura dealer uses to register your vehicle for warranty purposes. It is also necessary for licensing and insuring your vehicle. The easiest place to find the VIN is on a plate fastened to the top of the dashboard. You can see it by looking through the windshield on the driver's side. It is also on the Certification label attached to the driver's doorjamb, and is stamped on the engine compartment bulkhead. The VIN is also provided in bar code on the Certification label.



The Engine Number is stamped into the engine block.

The Transmission Number is on a label on top of the transmission.



Specifications

Dimensions

Length		4,488 mm (176.7 in)
Width		1,717 mm (67.6 in)
Height		1,441 mm (56.7 in)
Wheelbase		2,620 mm (103.1 in)
Track	Front	1,468 mm (57.8 in)
	Rear	1,469 mm (57.8 in)

Weights

Gross vehicle weight rating	See the certification label attached to the driver's doorjamb.
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Engine

Type	Water cooled 4-stroke SOHC VTEC 4-cylinder gasoline engine
Bore x Stroke	75.0 x 94.4 mm (2.95 x 3.72 in)
Displacement	1,668 cm ³ (102 cu-in)
Compression ratio	9.9
Spark plugs	NGK: PZFR6F-11 DENSO: PKJ20CR-M11

Capacities

Fuel tank		Approx. 50 ℓ (13.2 US gal)
Engine coolant	Change* ¹	
	Manual	3.9 ℓ (1.03 US gal)
	Automatic	3.8 ℓ (1.00 US gal)
	Total	
	Manual	5.0 ℓ (1.32 US gal)
	Automatic	4.9 ℓ (1.29 US gal)
Engine oil	Change* ²	
	Including filter	3.5 ℓ (3.7 US qt)
	Without filter	3.3 ℓ (3.5 US qt)
	Total	4.2 ℓ (4.4 US qt)
Manual transmission fluid	Change	1.5 ℓ (1.6 US qt)
	Total	1.6 ℓ (1.7 US qt)
Automatic transmission fluid	Change	2.7 ℓ (2.9 US qt)
	Total	6.0 ℓ (6.3 US qt)
Windshield washer reservoir		4.5 ℓ (4.8 US qt)

* 1 : Including the coolant in the reserve tank and that remaining in the engine.

Reserve tank capacity: 0.4 ℓ (0.11 US gal)

* 2 : Excluding the oil remaining in the engine.

Air Conditioning

Refrigerant type	HFC-134a (R-134a)
Charge quantity	500–550 g (17.6– 19.4 oz)
Lubricant type	SP-10

Lights

Headlights (HI/LO)	12 V – 60/55 W (HB2)
Front fog Lights	12 V – 51 W
Front turn signal lights	12 V – 21 W
Front parking/side marker lights	12 V – 1.5 CP
Rear turn signal lights	12 V – 21 W
Stop/Taillights/Rear side marker lights	12 V – 21/5 W
Taillights	12 V – 3 CP
Back-up lights	12 V – 21 W
High-mount brake light	12 V – 21 W
License plate lights	12 V – 3 CP
Ceiling lights	Front* ¹ 12 V – 5 W
	Rear 12 V – 8 W
Spotlights	12 V – 5 W
Individual map lights* ²	12 V – 8 W
Trunk light	12 V – 5 W

* 1 : Premium Package

* 2 : Touring Package

Battery

Capacity	12 V – 38 AH/5 HR
	12 V – 47 AH/20 HR
	12 V – 36 AH/5 HR
	12 V – 45 AH/20 HR

Fuses

Interior	See page 192 or the fuse label attached to the inside of the fuse box door under the steering column.
Under-hood	See page 193 or the fuse box cover.

Alignment

Toe-in	Front	0.0 mm (0.00 in)
	Rear	2.0 mm (0.08 in)
Camber	Front	0°
	Rear	–0°45'
Caster	Front	2°14'

Tires

Size	Front/Rear	P195/60R15 87H
	Spare	T125/70D15 95M
Pressure	Front/Rear	210 kPa (2.1 kgf/cm ² , 30 psi)
	Spare	420 kPa (4.2 kgf/cm ² , 60 psi)

DOT Tire Quality Grading (U.S. Vehicles)

Tire Quality Grading

All tires are graded for treadwear, traction, and temperature performance according to U.S. Department of Transportation (DOT) standards. The following explains these gradings.

Uniform Tire Quality Grading

Quality grades can be found where applicable on the tire sidewall between the tread shoulder and the maximum section width. For example:

Treadwear 200
Traction AA
Temperature A

All passenger vehicle tires must conform to Federal Safety Requirements in addition to these grades.

Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction – AA, A, B, 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 this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

Temperature – A, B, C

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger vehicle tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel 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, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

Tire Labeling

Tire Labeling

The tires that came on your vehicle have a number of markings. Those you should be aware of are described below.

Tire Size

Whenever tires are replaced, they should be replaced with tires of the same size. Following is an example of tire size with an explanation of what each component means.

P225/55R16 94V

- P — Vehicle type (P indicates passenger vehicle).
- 225 — Tire width in millimeters.
- 55 — Aspect ratio (the tire's section height as a percentage of its width).
- R — Tire construction code (R indicates radial).

- 16 — Rim diameter in inches.
- 94 — Load index (a numerical code associated with the maximum load the tire can carry).
- V — Speed symbol (an alphabetical code indicating the maximum speed rating).

Tire Identification Number

Tire Identification Number (TIN) is a group of numbers and letters that look like the following example TIN.

DOT B97R FW6X 2202

- DOT — This indicates that the tire meets all requirements of the U.S. Department of Transportation.
- B97R — Manufacturer's identification mark.
- FW6X — Tire type code.

- 2202 — Date of manufacture.

Maximum Tire Pressure

Max Press — The maximum air pressure the tire can hold.

Maximum Tire Load

Max Load — The maximum load the tire can carry at maximum air pressure.

Some gasolines are being blended with alcohol or an ether compound. These gasolines, or oxygenated fuels are used to meet clean air standards in Canada and the United States use oxygenated fuels to help reduce emissions.

If you use an oxygenated fuel, be sure it is unleaded and meets the minimum octane rating requirement.

Try to confirm the fuel's contents. Some states/provinces require this information to be posted on the pump.

The following are the maximum approved (Canada CGSB approved) percentages of oxygenates:

ETHANOL (ethyl or grain alcohol)
You may use gasoline containing up to 10 percent ethanol by volume. Gasoline containing ethanol may be marketed under the name "Gasohol."

MTBE (Methyl Tertiary Butyl Ether)
You may use gasoline containing up to 15 percent MTBE by volume.

METHANOL (methyl or wood alcohol)
Your vehicle was not designed to use fuel that contains methanol. Methanol can corrode metal parts in the fuel system, and also damage plastic and rubber components. This damage would not be covered by your warranties.

If you notice any undesirable operating symptoms, try another service station or switch to another brand of gasoline.

Fuel system damage or performance problems resulting from the use of an oxygenated fuel containing more than the percentages of oxygenates given above are not covered under warranty.

Driving in Foreign Countries

If you are planning to take your Acura outside Canada or the U.S., contact the tourist bureaus in the areas you will be traveling in to find out about the availability of unleaded gasoline with the proper octane rating.

If unleaded gasoline is not available, be aware that using leaded gasoline in your Acura will affect performance and fuel mileage, and damage its emissions controls. It will no longer comply with Canadian and U.S. emissions regulations, and will be illegal to operate in North America. To bring your vehicle back into compliance will require the replacement of several components, such as the oxygen sensor and the three way catalytic converter. These replacements are not covered under warranty.

The burning of gasoline in your vehicle's engine produces several by-products. Some of these are carbon monoxide (CO), oxides of nitrogen (NOx) and hydrocarbons (HC). Gasoline evaporating from the tank also produces hydrocarbons. Controlling the production of NOx, CO, and HC is important to the environment. Under certain conditions of sunlight and climate, NOx and HC react to form photochemical "smog." Carbon monoxide does not contribute to smog creation, but it is a poisonous gas.

Acura vehicles comply with the Canadian Motor Vehicle Safety Standards (CMVSS) and all provincial emissions standards in effect at the time they are manufactured.

This section summarizes how the emission controls work. Scheduled maintenance is on page 141.

Crankcase Emissions Control System

Your vehicle has a positive crankcase ventilation system. This keeps gasses that build up in the engine's crankcase from going into the atmosphere. The positive crankcase ventilation valve routes them from the crankcase back to the intake manifold. They are then drawn into the engine and burned.

Evaporative Emissions Control System

As gasoline evaporates in the fuel tank, an evaporative emissions control canister filled with charcoal adsorbs the vapor. It is stored in this canister while the engine is off. After the engine is started and warmed up, the vapor is drawn into the engine and burned during driving.

Onboard Refueling Vapor Recovery

The onboard refueling vapor recovery (ORVR) system captures the fuel vapors during refueling. The vapors are adsorbed in a canister filled with activated carbon. While driving, the fuel vapors are drawn into the engine and burned off.

Emissions Controls

Exhaust Emissions Controls

The exhaust emissions controls include four systems: PGM-FI, ignition timing control, exhaust gas recirculation and three way catalytic converter. These four systems work together to control the engine's combustion and minimize the amount of HC, CO, and NOx that comes out the tailpipe. The exhaust emissions control systems are separate from the crankcase and evaporative emissions control systems.

PGM-FI System

The PGM-FI System uses sequential multiport fuel injection.

It has three subsystems: air intake, engine control, and fuel control. The powertrain control module (PCM) in automatic transmission vehicles or the engine control module (ECM) in manual transmission vehicles uses various sensors to determine how much air is going into the engine. It

then controls how much fuel to inject under all operating conditions.

Ignition Timing Control System

This system constantly adjusts the ignition timing, reducing the amount of HC, CO, and NOx produced.

Exhaust Gas Recirculation (EGR) System

The exhaust gas recirculation (EGR) system takes some of the exhaust gas and routes it back into the intake manifold. Adding exhaust gas to the air/fuel mixture reduces the amount of NOx produced when the fuel is burned.

Three Way Catalytic Converter

The three way catalytic converter is in the exhaust system. Through chemical reactions, it converts HC, CO, and NOx in the engine's exhaust to carbon dioxide (CO₂), nitrogen (N₂), and water vapor.

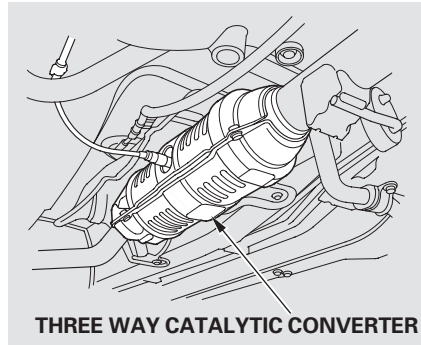
Replacement Parts

The emission control systems are designed and certified to work together in reducing emissions to levels that comply with the Canadian Motor Vehicle Safety Standards (CMVSS) and all provincial emissions standards. To make sure the emissions remain low, you should use only new genuine Acura replacement parts or their equivalent for repairs. Using lower quality parts may increase the emissions from your vehicle.

The emissions control systems are covered by warranties separate from the rest of your vehicle. Read your warranty manual for more information.

The three way catalytic converter contains precious metals that serve as catalysts, promoting chemical reactions to convert the exhaust gasses without affecting the metals. The catalytic converter is referred to as a three-way catalyst, since it acts on HC, CO, and NOx. A replacement unit must be an original Acura part or its equivalent.

The three way catalytic converter must operate at a high temperature for the chemical reactions to take place. It can set on fire any combustible materials that come near it. Park your vehicle away from high grass, dry leaves, or other flammables.



A defective three way catalytic converter contributes to air pollution, and can impair your engine's performance. Follow these guidelines to protect your vehicle's three way catalytic converter.

- Always use unleaded gasoline. Even a small amount of leaded gasoline can contaminate the catalyst metals, making the three way catalytic converter ineffective.

- Keep the engine tuned-up.
- Have your vehicle diagnosed and repaired if it is misfiring, back-firing, stalling, or otherwise not running properly.

Provincial Emissions Testing

Testing of Readiness Codes

If you take your vehicle for a state emissions test shortly after the battery has been disconnected or gone dead, it may not pass the test. This is because of certain “readiness codes” that must be set in the on-board diagnostics for the emissions systems. These codes are erased when the battery is disconnected, and set again only after several days of driving under a variety of conditions.

If the testing facility determines that the readiness codes are not set, you will be requested to return at a later date to complete the test. If you must get the vehicle re-tested within the next two or three days, you can condition the vehicle for retesting by doing the following.

- Make sure the gas tank is nearly, but not completely, full (around 3/4).
- Make sure the vehicle has been parked with the engine off for 8 hours or more.
- Make sure the ambient temperature is between -7° and 35°C (20° and 95°F).

- Without touching the accelerator pedal, start the engine, and let it idle for 20 seconds.
- Keep the vehicle in Park (automatic transmission) or Neutral (manual transmission). Increase the engine speed to 2,000 rpm, and hold it there until the temperature gauge rises to at least 1/4 of the scale (about 3 minutes).

- Select a nearby lightly traveled major highway where you can maintain a speed of 80 to 97 km/h (50 to 60 mph) for at least 20 minutes. Drive on the highway in D (A/T) or 5th (M/T). Do not use the cruise control. When traffic allows, drive for 90 seconds without moving the accelerator pedal. (Vehicle speed may vary slightly; this is okay.) If you cannot do this for a continuous 90 seconds because of traffic conditions, drive for at least 30 seconds, then repeat it two more times (for a total of 90 seconds).

- Then drive in city/suburban traffic for at least 10 minutes. When traffic conditions allow, let the vehicle coast for several seconds without using the accelerator pedal or the brake pedal.

If the testing facility determines the readiness codes are still not set, see your Acura dealer.

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Customer Service Information

Acura dealership personnel are trained professionals. They should be able to answer all your questions. If you encounter a problem that your dealership does not solve to your satisfaction, please discuss it with the dealership's management. The service manager or general manager can help. Almost all problems are solved in this way.

If you are dissatisfied with the decision made by the dealership's management, contact the Acura Customer Relations Office.

CUSTOMER RELATIONS RELATIONS AVEC LA CLIENTÉLE

Honda Canada Inc.
715 Milner Avenue
Toronto, ON
M1B 2K8

Tel: 1-888-9-ACURA-9
Fax: Toll-free 1-877-939-0909
Toronto (416) 287-4776

When you call or write, please give us this information:

- Vehicle Identification Number (see page 198)
- Name and address of the dealer who services your vehicle
- Date of purchase
- Mileage on your vehicle
- Your name, address, and telephone number
- A detailed description of the problem
- Name of the dealer who sold the vehicle to you

Please refer to the 2005 Warranty Manual that came with your vehicle.

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Service Information Summary

Gasoline:

Unleaded gasoline, pump octane number of 86 or higher.

Fuel Tank Capacity:

50 ℓ (13.2 US gal)

Recommended Engine Oil:

API Premium grade 5W-20 detergent oil (see page 147).

Oil change capacity (including filter):

3.5 ℓ (3.7 US qt)

Automatic Transmission Fluid:

Honda ATF-Z1 (Automatic Transmission Fluid) preferred, or a DEXRON® III ATF as a temporary replacement (see page 152).

Manual Transmission Fluid:

Honda Manual Transmission Fluid preferred, or an SAE 10W-30 or 10W-40 motor oil as a temporary replacement (see page 153).

Capacity:

1.5 ℓ (1.6 US qt)

Power Steering Fluid:

Honda Power Steering Fluid preferred, or another brand of power steering fluid as a temporary replacement. Do not use ATF (see page 155).

Brake Fluid:

Honda Heavy Duty Brake Fluid DOT 3 preferred, or a DOT 3 or DOT 4 brake fluid as a temporary replacement (see page 154).

Tire Pressure (measured cold):

Front/Rear:

210 kPa (2.1 kgf/cm² , 30 psi)

Spare Tire:

420 kPa (4.2 kgf/cm² , 60 psi)