2005 cadillac cts fuse box

Honda City helped make these videos. The video above shows how to replace blown fuses in the interior fuse box of your Cadillac CTS in addition to the fuse panel diagram location. Electrical components such as your map light, radio, heated seats, high beams, power windows all have fuses and if they suddenly stop working, chances are you have a fuse that has blown out. If your CTS is experiencing electrical problems, you should always check the fuses first, because they are relatively easy to check and cheap to change. Some Cadillacs have multiple interior fuse boxes including in the trunk - the video above will show you where the interior fuse box of your CTS is located. If your CTS has many options like a sunroof, navigation, heated seats, etc, the more fuses it has. Some components may have multiple fuses, so make sure you check all of the fuses that are linked to the component in question. If you need to replace a blown fuse in your CTS, make sure you replace it with one that has the same amperage as the blown fuse. If checking and replacing the fuse for the component in question doesn't work, we recommend seeking assistance from a trusted professional mechanic. They should be able to figure out if the component needs to be replaced or if there is a short or some other problem with your CTS. Hans Angermeier has produced over , videos showing drivers how to fix things on their cars. He has broad expertise on basic repair procedures covering the majority of cars on the road. The best way to fix leaking hoses is to replace them, but if you don't have time, a stop leak product might work for you. Don't send mixed signals - if your turn signal doesn't blink, or blinks rapidly, you likely have a burnt out bulb. Car companies often use the same engines in different cars. They also slightly alter the styling and sell the same car by two different names amongst other tricks to help offset development costs. Our system selects the most applicable video for your car based, in part, on these characteristics. The video displayed may not look exactly like your car, but may be relevant enough for you to get a good idea how to do it. Getting Started - Prepare for the repair. Share on. Full list of part and tools. Author Hans Angermeier has produced over , videos showing drivers how to fix things on their cars. Change your cabin air filter! Dirty cabin air filter cause undue wear on your car's heater and AC and can cause bad odors. Fix leaky hoses. Change a rear blinker. Change a burnt out headlight. Avoid tickets and accidents with both working headlights! New bulbs are much brighter too. See all videos for the Cadillac STS. We have a massive and growing video library, but we don't have everything These are good used and come as shown. Match part number, this is for underhood. See invoice for our toll free number. Our shipping system is automated. No exceptions. You must contact us prior to returning any items or having any warranty issues corrected. If product is defective, we will pay for return shipping and provide exchange. See my Payment page for additional details. Alaska, Hawaii, Puerto Rico and International buyers please email for additional rate information. Special packaging at additional expense may be required for certain overseas buyers. Insurance is included on all items. Pickup is available on all items with an appointment, a deposit may be required prior to pickup. Please email for details. Unless otherwise stated, we typically sell used parts because of this some wear should be expected. Brake pads, wiper blades, clutches and other wear items are never guaranteed and are usually included with auction items as a courtesy or for CORE purposes only. 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This manual includes the latest information at the time it was printed. We reserve the right to make changes after that time without notice. Page 3 Safety Warnings and Symbols There are a number of safety cautions in this book. A notice tells about something that can damage the vehicle. Page 5 These are some examples of symbols that may be found on the vehicle To adjust the seat, lift the bar under the front of the seat to unlock it. Slide the seat to where you want it and release the bar. Try to move the seat back and forth with your body to be sure the seat is locked in place. Page 9 Power Lumbar Your vehicle may have this feature. To increase or decrease support, hold the control forward or rearward. Keep in mind that as your seating position changes, as it may during long trips, so should the position of your lumbar support. Page Reclining Seatbacks Reclining Seatbacks Manual Recliner If your vehicle has manual reclining front seatbacks, the levers are located on the outboard sides of the front seats. Lift the lever to release the seatback, then move the seatback to where you want it. Release the lever to lock the seatback in place. Even if you buckle up, your safety belts can not do their job when you are reclined like this. The shoulder belt can not do its job. Page Rear Seats Head Restraints Adjust your head restraint so that the top of the restraint is closest to the top of your head. This position reduces the chance of a neck injury in a crash. The front seat head restraints move up and down. Press the button located at the bottom of the head restraint to raise or lower the head restraint. Page 13 Use the following steps to lower one or both of the rear seatbacks: 1. Insert a tool with a small tip into the slot as shown to unlatch the seatbelt buckle. Then move the belt to the side so it is not in your way. Page Safety Belts To return the seatback to the upright position, do the following: 1. Lift the seatback up and push it back into place. Reconnect the center safety belt latch plate to the buckle as shown. Make sure the seatback is locked into place by pushing and pulling on it. In a collision, people riding in these areas are more likely to be seriously injured or killed. Do not allow people to ride in any area of your vehicle that is not equipped with seats and safety belts. Put someone on it. Take the simplest vehicle. Suppose it is just a seat on wheels. Page 17 Get it up to speed. Then stop the vehicle. The rider does not stop. The person keeps going until stopped by something. In a real vehicle, it could be the windshield Page 18 or the instrument panel With safety belts, you slow down as the vehicle does. You get more time to stop. You stop over more distance, and your strongest bones take the forces. That is why safety belts make such good sense. You could be â€" whether you are wearing a safety belt or not. But you can unbuckle a safety belt, even if you are upside down. Be aware that there are special things to know about safety belts and children. And there are different rules for smaller children and babies. If a child will be riding in your vehicle, see Older Children on page or Infants and Young Children on page Page 21 5. To make the lap part tight, pull down on the buckle end of the belt as you pull up on the shoulder belt.

The lap part of the belt should be worn low and snug on the hips, just touching the thighs. In a crash, this applies force to the strong pelvic bones. Page 22 What is wrong with this? The shoulder belt is too loose. It will not give nearly as much protection this way. In a crash, you would move forward too much, which could increase injury. Page 23 What is wrong with this? The belt is buckled in the wrong place. In a crash, the belt would go up over your abdomen. The belt forces would be there, not at the pelvic bones. Page 24 What is wrong with this? The shoulder belt is worn under the arm. It should be worn over the shoulder at all times. In a crash, your body would move too far forward, which would increase the chance of head and neck injury. Page 25 What is wrong with this? The belt is twisted across the body. In a crash, you would not have the full width of the belt to spread impact forces. Page 26 To unlatch the belt, just push the button on the buckle. The belt should go back out of the way. Before you close the door, be sure the belt is out of the way. If you slam the door on it, you can damage both the belt and your vehicle. When a safety belt is worn properly, it is more likely that the fetus will not be hurt in a crash. For pregnant women, as for anyone, the key to making safety belts effective is wearing them properly. Accident statistics show that unbelted people in the rear seat are hurt more often in crashes than those who are wearing safety belts. Rear passengers who are not safety belted can be thrown out of the vehicle in a crash. Page 29 2. Push the latch plate into the buckle until it clicks. If the belt stops before it reaches the buckle, tilt the latch plate and keep pulling until you can buckle it. Pull up on the latch plate to make sure it is secure. If the belt is not long enough, see Safety Belt Extender on page Page 30 The lap part of the belt should be worn low and snug on the hips, just touching the thighs. And you would be less likely to slide under the lap belt. If you slid under it, the belt would apply force at your abdomen. Page 31 Rear Safety Belt Comfort Guides for Children and Small Adults Rear shoulder belt comfort guides will provide added safety belt comfort for older children who have outgrown booster seats and for small adults. When installed on a shoulder belt, the comfort guide better positions the belt away from the neck and head. Page 32 2. Slide the guide under and past the belt. The elastic cord must be under the belt. Then, place the guide over the belt, and insert the two edges of the belt into the slots of the guide. The elastic cord must be under the belt with the guide on top. Page Safety Belt Extender 4. Buckle, position and release the safety belt as described in Rear Seat Passengers on page Make sure that the shoulder belt crosses the shoulder. To remove and store the comfort guides, squeeze the belt edges together so that you can take them out of the guides. If possible, an older child should wear a lap-shoulder belt and get the additional restraint a shoulder belt can provide. Here two children are wearing the same belt. The belt can not properly spread the impact forces. In a crash, the two children can be crushed together and seriously injured. A belt must be used by only one person at a time. Here a child is sitting in a seat that has a lap-shoulder belt, but the shoulder part is behind the child. If the child wears the belt in this way, in a crash the child might slide under the belt. Page 37 Infants and Young Children Everyone in a vehicle needs protection! This includes infants and all other children. Neither the distance traveled nor the age and size of the traveler changes the need, for everyone, to use safety restraints. In fact, the law in every state in the United States and in every Canadian province says children up to some age must be restrained while in a vehicle. Airbags plus lap-shoulder belts offer protection for adults and older children, but not for young children and infants. Page 39 For most basic types of child restraints, there are many different models available. When purchasing a child restraint, be sure it is designed to be used in a motor vehicle. If it is, the restraint will have a label saying that it meets federal motor vehicle safety standards. A child restraint system is any device designed for use in a motor vehicle to restrain, seat, or position children. A built-in child restraint system is a permanent part of the motor vehicle. Page 44 In Canada, the law requires that forward-facing child restraints have a top strap, and that the strap be anchored. In the United States, some child restraints also have a top strap. If your child restraint has a top strap, it should be anchored. Anchor the top strap to one of the following anchor points. In order to access the anchors, you will have to open the covers. Page 46 A. Lower Anchorage B. Lower Anchorage C. Top Tether A. The labels are located near the base of rear outboard seating positions. See Top Strap on page if the child restraint has one. If your child restraint does not have the LATCH system, you will be using the lap-shoulder belt to secure the child restraint in this position. Page 49 3. Buckle the belt. Make sure the release button is positioned so you would be able to unbuckle the safety belt quickly if you ever had to. To tighten the belt, push down on the child restraint, pull the shoulder portion of the belt to tighten the lap portion of the belt and feed the shoulder belt back into the retractor. A rear seat is a safer place to secure a forward-facing child restraint. See Where to Put the Restraint on page In addition, your vehicle has a passenger sensing system. Do not secure a child seat in this position if a national or local law requires that the top strap be anchored, or if the instructions that come with the child restraint say that the top strap must be anchored. Page 52

4. Make sure the release button is positioned so you would be able to unbuckle the safety belt properly — whether or not there is an airbag for that person. The light tells you if there is an electrical problem. See Airbag Readiness Light on page for more information.

5. Pull the rest of the shoulder belt all the way out of the retractor to set the lock. Page 53

6. Everyone in your vehicle should wear a

Where Are the Airbags? Page 58 The roof-mounted side impact airbag for the driver and the passenger directly behind the driver is in the ceiling above the side windows. Do not put anything between an occupant and an airbag, and do not attach or put anything on the steering wheel hub or on or near any other Additional windshield breakage may also occur from the right front passenger airbag. Page **Passenger Sensing System**

Passenger Sensing System Your vehicle has a passenger sensing system for the right front passenger position. The words ON and OFF or the symbol for on and off, will be visible on the rearview mirror during the system check. Page 66 If a child restraint has been installed and the on indicator is lit, turn the vehicle off. Page 67 CAUTION: If the airbag readiness light in the instrument panel cluster ever comes on and stays on, it means that something may be wrong with the airbag system. There are parts of the airbag system in several places around your vehicle. Your dealer and the service manual have information about servicing your vehicle and the airbag system. To purchase a service manual, see Service Publications Ordering Information on page Page **Restraint System Check**

Restraint System Check Checking Your Restraint Systems Now and then, make sure the safety belt reminder light and all your belts, buckles, latch plates, retractors and anchorages are working properly. Look for any other loose or damaged safety belt system parts. If you see anything that might keep a safety belt system from doing its job, have it repaired. If belts are cut or damaged, replace them. Collision damage also may mean you will need to have LATCH system, safety belt or seat parts repaired or replaced. New parts and repairs may be necessary even if the belt or LATCH system was not being used at the time of the collision. Page 72 **Section 2 Mirrors** They could operate the power windows or other controls or even make the vehicle move. The children or others could be badly injured or even killed. In an emergency, contact Cadillac Roadside Assistance. See Roadside Service on page If your vehicle is equipped with the OnStar system with At times you may notice a decrease in range. This is normal for any remote keyless entry system. This also disarms the theft-deterrent system. Page 77 Notice: When replacing the battery, use care not to touch any of the circuitry. Static from your body transferred to these surfaces may damage the transmitter. Once the transmitter is separated, use a pencil or similar object to remove the old battery. When a door is locked, the handle will not open it. You increase the chance of being thrown out of the vehicle in a crash if the doors are not locked. Page **Programmable Automatic Door Locks**

Programmable Automatic Door Locks If your vehicle has an automatic transmission, your vehicle is programmed so that when the doors are closed, the ignition is on and the shift lever is moved out of PARK P , all the doors will lock. Page **Lockout Protection** The rear doors on your vehicle cannot be opened from the inside when this feature is in use. When you want to open a rear door when the security lock is on, do the following: 1. Unlock the door using the remote keyless entry transmitter, the front door power lock switch or by lifting the rear door manual lock. You cannot see or smell CO. It can cause unconsciousness and even death. If you must drive with the trunk lid open or if electrical wiring or other cable connections must pass through the seal between the body and the trunk lid Page 83 If your vehicle is equipped with the rear seat pass-through door, do the following: 1. Fold the rear armrest down and open the pass-through door. Reach upward through the opening to locate the emergency trunk release handle. Page **Windows Emergency Trunk Release Handle** Notice: Using the emergency trunk release handle as a tie-down or anchor point when securing items in the trunk may damage it. Use the emergency trunk release handle only to help you open the trunk lid. There is a glow-in-the-dark emergency trunk release handle located on the back wall of the trunk. Page **Power Windows Power Windows** The power window switches are located on the armrest near each window. Press the up or down arrows on the switches to raise or lower the windows. Your vehicle has Retained Accessory Power RAP that allows you to use the power windows once the ignition has been turned off for up to 10 minutes. Press the down arrow on the switch to the second position to activate the express-down feature. If you want to stop the window as it is lowering, press the down arrow on the switch again. **Express-Up Window** This feature is on both front power windows. Page **Sun Visors Express Window Override** A condition may exist that causes auto-reversal of the window due to weather or an obstruction. In an emergency, the anti-pinch feature can be overridden in a supervised mode. Hold the window switch all the way down in the express position. The window will rise for as long as the switch is held. Although your vehicle has a number of theft-deterrent features, we know that nothing we put on it can make it impossible to steal. **Theft-Deterrent System** If your vehicle has this feature, the security light is located on the instrument panel cluster. Page **Immobilizer Testing the Alarm**

1. From inside the vehicle, roll down the window, then get out of the vehicle, keeping the door open. From outside of the vehicle, with the door open, lock the vehicle using the power door lock switch or the remote keyless entry transmitter and close the door. Page Immobilizer Operation Immobilizer Operation Your vehicle is equipped with a passive theft-deterrent system. The system works when you turn the key to ON. The key uses a transponder that matches an immobilizer control unit in your vehicle. The correct key will start the vehicle. Page 91 The theft-deterrent system, however, is not working properly and must be serviced by your dealer. Your vehicle is not protected by the theft-deterrent system at this time. This position locks the ignition, steering wheel and transmission. It is a theft-deterrent feature. Page Retained Accessory Power Rap Steering Column Ignition Lock Release Automatic Transmission If your vehicle has a dead battery or a battery with low voltage, you can still release the ignition lock and remove the key. Use the following procedure to release the steering column: 1. Your engine will not start in any other position â€" that is a safety feature. Turn off the engine. Open the hood and unwrap the electrical cord. You must remove the plastic cap to access the plug. It is the best position to use when you start the engine because your vehicle cannot move easily. It can help control your speed as you go down steep mountain roads, but then you would also want to use your brakes off and on. Page Winter Driving Mode Button This light located on the instrument panel cluster will come on while the sport mode is active. When driving in sport mode, the transmission may remain in a gear longer than it would in normal driving mode. Page Manual Transmission Operation This light on the instrument panel cluster will come on when the winter driving mode is active. When you turn off the ignition while using this feature, winter mode is automatically turned off. The vehicle will return to normal driving mode. You must select the winter driving mode feature each time you restart the vehicle if you wish to use the feature. Press the clutch pedal back down. You could injure yourself or others. Notice: If you skip more than one gear when you downshift, or if you race the engine when you release the clutch pedal while downshifting, you could damage the engine, clutch, driveshaft or the Page Parking Brake Parking Brake The parking brake pedal is located on the lower portion of the instrument panel to the left of the steering wheel. To set the parking brake, hold the regular brake pedal down with your right foot and push the parking brake pedal down with your left foot. Your vehicle can roll. If you have left the engine running, the vehicle can move suddenly. See Automatic Transmission Operation on page for more information. Locate and remove the small oval cap near the forward, right side of the shifter mechanism. Using a narrow, pointed tool, press down on the mechanism under the cap so that you can move the shift lever. Do not park over papers, leaves, dry grass or other things that can burn. It contains the gas carbon monoxide CO , which you cannot see or smell. But if you ever have to, here are some things to know. When the ignition and the compass feature are on, the compass will show two character boxes for approximately two seconds. After two seconds, the mirror will display the current compass direction. Compass Calibration If after two seconds the display does not show a compass direction, N for North for example , there Page Cleaning The Mirror 2. If C appears in the compass window, the compass may need calibration. The center position turns the control off so that the mirrors will not move if the control pad is touched. Once a mirror is selected, use the arrows on the control pad to move the mirror to the correct direction. If you cut too sharply into the right lane, you could hit a vehicle on your right. Check your inside mirror or glance over your shoulder before changing lanes. Press the control with this symbol on the CTS steering wheel to make a phone call. This includes any garage door opener model manufactured before April 1, Similarly, some U. Press and hold the desired HomeLink Do not release the button. Page Sunroof Sunroof Your vehicle may have a power sunroof. The sunroof controls are located on the overhead console. Half Open : Turn the control clockwise to this position to open the glass panel half way. The sunshade will open with the glass panel, or it can be opened manually. Page If you would like the stored driving positions to be recalled when unlocking your vehicle with the remote keyless entry transmitter or when you place the key in the ignition, see DIC Vehicle Personalization on page To stop recall movement of the memory feature at any time, press one of the power seat or mirror controls. Page Section 3 Malfunction Indicator Lamp Page The main components of the instrument panel are the following: A. Air Outlets. See Outlet Adjustment on page They also let police know you have a problem. Then move the steering wheel to a comfortable position and release the lever to lock the wheel in place. Press the MAIN button located to the lower left of the display. Press the multi-function button next to the Setup prompt at the right of the display. See Turn and Lane-Change Signals on page See Headlamps on page Check the fuse and for burned-out bulbs if the arrow fails to work when signaling a turn. See Fuses and Circuit Breakers on page for more information. Turn Signal On Chime If the turn signal is left on for about 1 mile 1. Page Windshield Wipers Windshield Wipers The lever on the right side of the steering column operates the windshield wipers. Mist : Pull the lever down and

release it for a single wiping cycle. The lever will return to its original position. For more cycles, hold the lever down before releasing it. The windshield washer button is located at the end of the windshield wiper lever. Washer Fluid : Press the button with this symbol located at the end of the windshield washer lever to wash the windshield. Page Cruise Control Cts The headlamp washers are located on the inboard side of the headlamp lenses. The headlamps must be on in order to be washed. If the headlamps are off, only the windshield will be washed when the washer button is pressed. To wash the headlamps, press the washer button located at the end of the windshield wiper lever. This can really help on long trips. Page Cruise Control Cts-V This light on the instrument panel cluster will come on while cruise control is on. Resuming a Set Speed Suppose you set your cruise control at a desired speed and then you apply the brake. This, of course, disengages the cruise control. When you take your foot off the pedal, your vehicle will slow down to the cruise control speed you set earlier. Using Cruise Control on Hills How well your cruise control will work on hills depends upon your speed, load and the steepness of the hills. You could be startled and even lose control. Keep the cruise control switch off until you want to use cruise control. Press the set button, then release the button and the accelerator pedal. You will now cruise at the higher speed. Page Headlamps Using Cruise Control on Hills How well your cruise control will work on hills depends upon your speed, load and the steepness of the hills. When going up steep hills, you may have to step on the accelerator pedal to maintain your speed. When going downhill, you may have to brake or shift to a lower gear to keep your speed down. Page Wiper Activated Headlamps Headlamps : Turn the control to this position to turn on the headlamps, together with the previously listed lamps and lights. DRL can be helpful in many different driving conditions, but they can be especially helpful in the short periods after dawn and before sunset. If you cover the sensor, it will read dark, and the exterior lamps or the Headlamps Suggested message will appear on the DIC whenever the ignition is on. Fog Lamps Use the fog lamps for better vision in foggy or misty conditions. The band will return to its original position. Page Entry Lighting Entry Lighting The entry lighting system turns on the reading and dome lamps and the backlighting to the exterior lamp control when a door is opened or if you press the remote keyless entry transmitter unlock button. If activated by the transmitter, the lighting will remain active for about 25 seconds. Page Ashtrays And Cigarette Lighter The power outlets can be set to be powered all of the time or to turn off 10 minutes after your vehicle is shut off. If you desire a change from this setting, see your dealer for a fuse adjustment. Your vehicle may have a small cap that must be removed to access the accessory power outlet. Page Climate Controls Cigarette Lighter Notice: Holding a cigarette lighter in while it is heating will not allow the lighter to back away from the heating element when it is hot. Damage from overheating may occur to the lighter or heating element, or a fuse could be blown. Do not hold a cigarette lighter in while it is heating. Page Choosing the coldest or warmest temperature setting will not cause the system to heat or cool any faster. If you set the system at the warmest temperature setting, the system will remain in manual mode at that temperature and it will not go into automatic mode. The mode switch can also be used to select the defog mode. Page Sensors There is a solar sensor located on the instrument panel, near the windshield. These sensors monitor the solar radiation and the air inside your vehicle, then use the information to maintain the selected temperature by initiating needed adjustments to the temperature, the fan speed and Page Defogging And Defrosting Defogging and Defrosting Fog on the inside of windows is a result of high humidity moisture condensing on the cool window glass. This can be minimized if the climate control system is used properly. There are two modes to clear fog from your windshield. Page Outlet Adjustment The rear window defogger will turn off about 10 minutes after the button is pressed. The defogger can also be turned off by pressing the button again or by turning off the engine. The controls are located on the left side of the steering wheel. Page Instrument Panel Cluster Instrument Panel Cluster The instrument panel cluster is designed to let you know at a glance how your vehicle is running. The odometer shows how far your vehicle has been driven, in either miles used in the United States or kilometers used in Canada. You may wonder what happens if a vehicle has to have a new odometer installed. Page Tachometer Tachometer This gage indicates the engine speed in revolutions per minute rpm. Notice: If you operate the engine with the tachometer in the shaded warning area, your vehicle could be damaged, and the damages would not be covered by your warranty. Do not operate the engine with the tachometer in the shaded warning area. Page Airbag Readiness Light Airbag Readiness Light There is an airbag readiness light on the instrument panel, which shows the airbag symbol. The system check includes the airbag sensors, the airbag modules, the wiring and the diagnostic module. See Passenger Sensing System on page for more on this, including important safety information. If, after several seconds, all status indicator lights remain on, or if there are no lights at all, there may be a problem with the lights or the passenger sensing For good braking, though, you need both

parts working well. If the warning light comes on, there is a brake problem. Have your brake system inspected right away. If the ABS warning light comes on and stays on, there may be a problem with the antilock portion of the brake system. Page Engine Coolant Temperature Warning If the light still stays on or comes back on again while you are driving, your vehicle needs service. Have the traction control system inspected as soon as possible. This light will also come on for a bulb check when the vehicle is started. For more information on the proper tire pressure, see Loading Your Vehicle on page If so, reinstall the fuel cap, making sure to fully install the cap. See Filling Your Tank on page The diagnostic system can determine if the fuel cap has been left off or improperly installed. Page Maintenance Schedule This can happen if you have recently replaced your battery or if your battery has run down. The diagnostic system is designed to evaluate critical emission control systems during normal driving. This may take several days of routine driving. If you have done this and your vehicle still does not pass the inspection for lack of OBD system readiness, your GM dealer can prepare the vehicle for inspection. When you turn off the winter driving mode feature, the light will go out. If it stays on, your vehicle may need service. Fog Lamp Light This light will come on when the fog lamps are in use. The light will go out when the fog lamps are turned off. See Fog Lamps on page for more information. Fuel Gage The fuel gage shows approximately how much fuel is in the tank. It works only when the ignition is in ON. It also displays warning messages. There are two different areas where message center information will be displayed. Page Coolant Temperature When the coolant temperature is displayed you will see the coolant temperature symbol. The temperature will be displayed in degrees Fahrenheit or Celsius and there will be a graph at the bottom of the display. If the graph shows the temperature in the shaded area all the way on the right, then the coolant temperature is hot. Page Transmission Temperature When the transmission temperature is displayed you will see the transmission temperature symbol. If the graph shows the temperature in the shaded area all the way on the right, then the transmission temperature is hot. To acknowledge this warning, press either button on the outboard switch on the left spoke of the steering wheel. After you press this button, the warning will redisplay every 10 minutes until the temperature returns to the normal operating range. After you press this button, the warning will redisplay every 10 minutes until the pressure returns to the normal operating range. All messages will appear on the audio system display which is also the display for the Navigation system. Press the knob to select the menu item. Page Press the button again to turn the timer off. The timing feature will stop. To reset the timer, turn off the timer and then press and hold the CLR button. Turn the knob clockwise or counterclockwise to scroll through the menu items. Use LOCAL when you are in urban areas where there are several strong radio station signals and you want to limit the number of stations to those with the strongest signals only. Page Battery Voltage Low Turn off all unnecessary accessories to allow the battery to recharge. The normal battery voltage range is Battery Voltage High This message indicates that the electrical charging system is overcharging the battery. Engine Coolant Hot â€" Idle Engine This message will appear when the engine coolant temperature is too hot. A single chime will sound when this message is displayed. Headlamps Suggested This message will appear when the amount of available light outside the vehicle is low and the exterior lamp control is off. Page Service Fuel System Service AC Air Conditioning System This message appears when the electronic sensors that control the air conditioning and heating systems are no longer working. Have the climate control system serviced by your GM dealer if you notice a drop in heating and air conditioning efficiency. Service Air Bag There is a problem with the airbag system when this message appears. Slippery road conditions may exist when this message is displayed, so adjust your driving accordingly. Page Service Vehicle Soon Service Vehicle Soon This message is displayed when a non-emissions related powertrain malfunction occurs. Have your vehicle serviced by your GM dealer as soon as possible. Starting Disabled â€" Remove Key This message will appear when the vehicle theft-deterrent system detects that an improper ignition key is being used to try to start the vehicle. Page Dic Vehicle Personalization Trunk Open When this message appears on the display, it means that the trunk lid of your vehicle was not closed completely. You should make sure that the trunk lid is closed completely. Turn Signal On If you drive your vehicle for more than about 1 mile 1. Page Personalization Features 5. If the feature is turned on, a check mark will appear next to the feature name. Page The name you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, use the following procedure: 1. Page Auto Exit Seat The mode you selected is now set. Auto Exit Seat If your vehicle has the optional memory package, you will have this feature. Page Before your vehicle was shipped from the factory, it was programmed to Mode 1. The mode to which the vehicle was programmed may have been changed since the vehicle left

the factory. To determine the mode to which the vehicle is programmed or to program the vehicle to a different mode, use the following procedure: 1. Page Exterior Lights At Unlock To program the vehicle to a different mode, use the following procedure: 1. Page To program the vehicle to a different mode, use the following procedure: 1. The mode you selected is now set. The chime volume cannot be turned off, only adjusted. Page Audio System s Audio System s Notice: Before adding any sound equipment to your vehicle, like a tape player, CB radio, mobile telephone, or two-way radio, make sure that it can be added by checking with your dealer. Also, check federal rules covering mobile radio and telephone units. At loud listening levels there will be little or no effect. To turn AVC on and off, perform the following steps: 1. Turn the radio on. Page Using Dsp 3. When, an alert announcement comes on the current radio station or a related network station, ALERT will appear on the display. You will hear the announcement, even if the volume is low or a CD is playing. Page The radio will play traffic announcements if the volume is low. The radio will interrupt the play of a CD if the last tuned station broadcasts traffic announcements. To turn TA on or off, perform the following steps: 1. The player will pull it in. If the ignition and the radio are on the CD will begin playing. A CD may be loaded with the radio off but it will not start playing until the radio is on. Press this pushbutton again to remove the time of the track from the display. SCAN : Press this button to listen to each track for 10 seconds. Page To insert multiple CDs, do the following: 1. The ignition and the radio can be on or off. Press and hold the LOAD button for two seconds. Please Wait will appear on the display and you will hear a beep. Press the MODE pushbutton again to turn off random play. If the radio is moved to a different vehicle, it will not operate. If the radio is removed from your vehicle, the original VIN in the radio can be used to trace the radio back to your vehicle. Page Radio Reception If your vehicle has the navigation system, press this button to initiate voice recognition. See the OnStar manual provided with your vehicle for more information. Pick up CDs by grasping the outer edges or the edge of the hole and the outer edge. Please start with a very important safety device in your vehicle: Buckle up. Page Many adults â€" by some estimates, nearly half the adult population â€" choose never to drink alcohol, so they never drive after drinking. For persons under 21, it is against the law in every U. There are good medical, psychological and developmental reasons for these laws. Page There is a gender difference, too. Women generally have a lower relative percentage of body water than men. Since alcohol is carried in body water, this means that a woman generally will reach a higher BAC level than a man of her same body weight will when each has the same number of drinks. You can have a serious â€" or even fatal â€" collision if you drive after drinking. Please do not drink and drive or ride with a driver who has been drinking. Some people drive in spurts â€" heavy acceleration followed by heavy braking â€" rather than keeping pace with traffic. This is a mistake. Your brakes may not have time to cool between hard stops. Your brakes will wear out much faster if you do a lot of heavy braking. Page Let us say the road is wet and you are driving safely. Suddenly, an animal jumps out in front of you. You slam on the brakes and continue braking. Here is what happens with ABS: A computer senses that wheels are slowing down. If one of the wheels is about to stop rolling, the computer will separately work the brakes at each wheel. Page Braking In Emergencies Remember: Anti-lock does not change the time you need to get your foot up to the brake pedal or always decrease stopping distance. If you get too close to the vehicle in front of you, you will not have time to apply your brakes if that vehicle suddenly slows or stops. Page The traction control system automatically comes on whenever you start your vehicle. To limit wheel spin, especially in slippery road conditions, you should always leave the system on. But you can turn the traction control system off if you ever need to. You should turn the system off if your vehicle ever gets stuck in sand, mud or snow and rocking the vehicle is required. This is especially useful in slippery road conditions. The system operates only if it senses that one or both of the rear wheels are spinning or beginning to lose traction. When this message is displayed, the system is not operational. Driving should be adjusted accordingly. Page Steering Tips The amount of steering effort required is less at slower speeds to make the vehicle more maneuverable and easier to park. At faster speeds, the steering effort increases to provide a sport-like feel to the steering. This provides maximum control and stability. If your vehicle seems harder to steer than normal when parking or driving slowly, there may be a problem with the system. Page Steering In Emergencies Steering in Emergencies There are times when steering can be more effective than braking. If the level of the shoulder is only slightly below the pavement, recovery should be fairly easy. Ease off the accelerator and then, if there is nothing in the way, steer so that your vehicle straddles the edge of the pavement. For one thing, following too closely reduces your area of vision, especially if you are following a larger vehicle. Also, you will not have adequate space if the vehicle ahead suddenly slows or stops. Page Loss Of Control Loss of Control Let us review what driving experts say about what happens when the three control systems â€" brakes, steering, and acceleration â€"

section explains what kind of oil to use. However, not all synthetic oils will meet this GM standard. These numbers on an oil container show its viscosity, or thickness. Do not use other viscosity oils such as SAE 20W Oils meeting these requirements should also have the starburst symbol on the container. This is based on engine revolutions and engine temperature, and not on mileage. Based on driving conditions, the mileage at which an oil change will be indicated can vary considerably. Page Navigation System To reset the oil life indicator, use the following steps: 1. See Engine Compartment Overview on page for more information on location. How to Check Because this operation can be difficult, you may choose to have this done at your Cadillac dealership service department. If you do it yourself, be sure to follow all the instructions See Engine Compartment Overview on page for reservoir location. If you use this coolant mixture, you do not need to add anything else. Coolant contains ethylene glycol, and it will burn if the engine parts are hot enough. Stay away from the engine if you see or hear steam coming from it. Just turn it off and get everyone away from the vehicle until it cools down. Page Overheated Engine Protection If you get the overheat warning with no sign of steam, try this for a minute or so: 1. Page Cooling System Cooling System When you decide it is safe to lift the hood, here is what you will see: 3. Do not touch them. If you do, you can be burned. Do not run the engine if there is a leak. If you run the engine, it could lose all coolant. Coolant contains ethylene glycol and it will burn if the engine parts are hot enough. Do not spill coolant on a hot engine. If no coolant is visible in the surge tank, add coolant as follows: 1. Page 3. With the coolant surge tank pressure cap off, start the engine and let it run until you can feel the upper radiator hose getting hot. See Engine Compartment Overview on page for the location of the reservoir. See Recommended Fluids and Lubricants on page That could lead to an accident. When you hear the brake wear warning sound, have your vehicle serviced. Notice: Continuing to drive with worn-out brake pads could result in costly brake repair. Page Battery Battery Your vehicle has a maintenance free battery. We recommend an ACDelco battery. See Engine Compartment Overview on page for battery location. Warning: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause If you do not follow these steps exactly, some or all of these things can hurt you. See Engine Compartment Overview on page for more information on the location of the battery. Keep hands, clothing and tools away from any underhood electric fan. People have been hurt doing this, and some have been blinded. And do not connect the negative cable to the negative terminal on the dead battery because this can cause sparks. Page Notice: If the jumper cables are removed in the wrong order, electrical shorting may occur and damage the vehicle. The repairs would not be covered by your warranty. Remove the jumper cables in the correct order, making sure that the cables do not touch each other or other metal. Have it inspected and repaired. How to Check Lubricant To get an accurate reading, the vehicle should be on a For any bulb changing procedure not listed in this section, contact your dealer. Turn Signal Lamp B. Fog Lamp To replace a fog or turn signal lamp bulb, do the following: 1. Remove the protection shield located on the underside of the front of the vehicle by pulling out the push-pins located on the underside of the protection shield. Taillamps and Stoplamps B. Turn Signal Lamp C. Sidemarker Lamp 1. Open the trunk. See Trunk on page for more information. Remove the compact spare tire cover by turning the wing nut counterclockwise. Back-Up Lamps B. License Plate Lamps To replace a back-up or license plate bulb, do the following: 1. Remove the cloth cover on the trunk lid by pulling out the three push-pins located on the underside of the trunk lid. See Owner Checks and Services on page For proper windshield wiper blade length and type, see Normal Maintenance Replacement Parts on page Page Tires 7. Reinstall the wiper blade assembly by sliding it over the wiper arm to engage the J-hooked end. Pull up on the assembly to lock it into place. Repeat the steps for the other wiper. Keep tires at the recommended pressure. If your tread is badly worn, or if your tires have been damaged, replace them. The examples below show a typical passenger vehicle tire and a compact spare tire sidewall. Page Belt: A rubber coated layer of cords that is located between the plies and the tread. Cords may be made from steel or other reinforcing materials. Bead: The tire bead contains steel wires wrapped by steel cords that hold the tire onto the rim. Bias Ply Tire: A pneumatic tire in which the plies are laid at alternate angles less than 90 degrees to the centerline of the tread. Page Occupant Distribution: Designated seating positions. Outward Facing Sidewall: The side of an asymmetrical tire that has a particular side that faces outward when mounted on a vehicle. Your vehicle also has a Tire Pressure Monitor TPM which will alert you if there is a loss of tire pressure in any of the tires. See Roadside Service on page for details. Sustained high-speed driving, causes excessive heat build up and can cause sudden tire failure. You could have a crash and you or others could be killed. The TPM sensors transmit tire pressure readings to a receiver located in the vehicle once every 60 seconds while the vehicle is being driven, and once every 60 minutes if the vehicle is stationary for more than 15 minutes. See Tire Inspection

and Rotation on page and Tires on page Notice: Do not use a tire sealant if your vehicle is equipped with Tire Pressure Monitors. Page 9. Any time you notice unusual wear, rotate your tires as soon as possible and check wheel alignment. Also check for damaged tires or wheels. The wheel could come off and cause an accident. When you change a wheel, remove any rust or dirt from places where the wheel attaches to the vehicle. For more information about this label and its location on your vehicle, see Loading Your Vehicle on page Use only radial-ply tires with the wheels on your vehicle. Uniform Tire Quality Grading Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum Page Wheel Replacement Wheel Replacement Replace any wheel that is bent, cracked or badly rusted or corroded. If wheel nuts keep coming loose, the wheel, wheel bolts and wheel nuts should be replaced. If the wheel leaks air, replace it except some aluminum wheels, which can sometimes be repaired. See your dealer if any of these conditions exist. It could fail suddenly and cause a crash. If you have to replace a wheel, use a new GM original equipment wheel. See Tires on page The vehicle can slip off the jack and roll over or fall on you or other people. You and they could be badly injured or even killed. Find a level place to change your tire. To help prevent the vehicle from moving: 1. To gain access to the spare tire and jacking equipment, do the following: 1. Turn the center nut on the compact spare tire cover counterclockwise to remove it. Then remove the cover. Remove the compact spare tire. See Compact 4. Turn the wheel wrench clockwise to gently pry off the wheel cover. Page 1. Place the wheel wrench A securely over the wheel nut B. Turn the wheel wrench counterclockwise to loosen all the wheel nuts. Find the jacking location using the diagram above and corresponding hoisting notches located in the plastic molding. If the vehicle slips off the jack you could be badly injured or killed. Never get under a vehicle when it is supported only by a jack. When you change a wheel, remove any rust or dirt from the places where the wheel attaches to the vehicle. Page Put the wheel nuts back on with the rounded end of the nuts toward the wheel. Tighten each wheel nut by turning it clockwise with your hand until the wheel is held against the hub. Lower the vehicle by turning the wheel wrench counterclockwise. This could lead to an accident. Be sure to use the correct wheel nuts. If you have to replace them, be sure to get new GM original equipment wheel nuts. In a sudden stop or collision, loose equipment could strike someone. Store all these in the proper place. It should be 60 psi kPa. Page Vinyl Using Cleaner on Fabric 1. First, try the cleaner in an inconspicuous area to make sure the cleaner does not affect the color of the fabric. For liquids: blot the stain with a clean, soft white cloth. For solids: remove as much as possible and then vacuum or brush. Page Leather Leather Use a soft cloth with lukewarm water and a mild soap or saddle soap and wipe dry with a soft cloth. Then, let the leather dry naturally. Do not use heat to dry. If you do, it may severely weaken them. In a crash, they might not be able to provide adequate protection. Clean safety belts only with mild soap and lukewarm water. GM-approved cleaning products can be obtained from your dealer. The clearcoat gives more depth and gloss to the colored basecoat. Keep the wheels clean using a soft clean cloth with mild soap and water. Rinse with clean water. After rinsing thoroughly, dry with a soft clean towel. A wax may then be applied. Page Sheet Metal Damage Sheet Metal Damage If the vehicle is damaged and requires sheet metal repair or replacement, make sure the body repair shop applies anti-corrosion material to parts repaired or replaced to restore corrosion protection. Original manufacturer replacement parts will provide the corrosion protection while maintaining the warranty. Tar and Road Oil Removes tar, road oil, Remover and asphalt. Chrome Cleaner and Use on chrome or Polish stainless steel. You can see it if you look through the windshield from outside your vehicle. Page Windshield Wiper Fuses Your vehicle has an airbag system. Before attempting to add anything electrical to your vehicle, see Servicing Your Airbag-Equipped Vehicle on page Windshield Wiper Fuses The windshield wiper motor is protected by an internal circuit breaker. If the wiper motor overheats due to heavy snow, the wipers will stop until the motor cools and will then restart. If the safety belt has not been routed through the seat cushion at all, it will not be there to work for the next passenger. The rear seat cushion must be removed to access the rear fuse block. See Recommended Fluids and Lubricants on page for more information. Page Engine 2. Page Introduction Maintenance Schedule Introduction Important: Keep engine oil at the proper level and change as recommended. Have you purchased the GM Protection Plan? The Plan supplements your new vehicle warranties. See your Warranty and Owner Assistance booklet or your dealer for details. But we do not know exactly how you will drive it. You may drive very short distances only a few times a week. Or you may drive long distances all the time in very hot, dusty weather. Owner Checks and Services on page tells you what should be checked, when to check it and what you can easily do to help keep your vehicle in good condition. See Engine Oil on page Reset oil life system. See Engine Oil Life System on page An Emission Control Service. Visually check for any leaks or damage. See footnote k. Service and Miles Kilometers Inspect fuel system for damage or leaks. Inspect exhaust system

for loose or damaged components. We, however, urge that all recommended maintenance services be performed at the indicated intervals and the maintenance be recorded. Engine Oil Level Check Check the engine oil level and add the proper oil if necessary. See Engine Oil on page for further details. Before you start, be sure you have enough room around the vehicle. Firmly apply both the parking brake and the regular brake. See Parking Brake on page if necessary. Do not use the accelerator pedal, and be ready to turn off the engine immediately if it starts. The key should come out only in OFF. Page Maintenance Record Maintenance Record After the scheduled services are performed, record the date, odometer reading, who performed the service and the type of services performed in the boxes provided. See Maintenance Requirements on page in this section. Any additional information from Owner Checks and Services on page can be added on the following record pages. Also, you should retain all maintenance receipts. Sometimes, however, despite the best intentions of all concerned, misunderstandings can occur. Page Fax Number: From U. It provides every Cadillac owner with the advantage of contacting a Cadillac advisor and, where available, a Cadillac trained dealer technician who can provide on-site service. Any customer who has access to a TTY or a conventional teletypewriter can communicate with Cadillac by dialing from the United States or Canada â€" daily, 24 hours. Page Courtesy Transportation Transportation Options Warranty service can generally be completed while you wait. However, if you are unable to wait Cadillac helps minimize your inconvenience by providing several transportation options. Depending on the circumstances, Your vehicle uses on-b

nissan 240sx head lights

r1 2002

scion tc passenger window not working

oard vehicle computers to monitor emission control components to optimize fuel economy, to monitor conditions for air bag deployment and, if so equipped, to provide anti-lock braking and to help the driver control the vehicle Page Reporting Safety Defects Others, such as law enforcement, may have access to the special equipment that can read the information if they have access to the vehicle or the device that stores the data. Page Accessory Power Outlets Page Audio System s cont. Page Child Restraints cont. Page Customer Assistance Information cont. Customer Satisfaction Procedure Page Gage Engine Coolant Temperature Page Jump Starting Page Older Children, Restraints Page Rear Axle Page Safety Belts cont. Safety Belt Use During Pregnancy Page Sun Visors Page Transmission Fluid, Automatic Page Windows This manual is also suitable for: cts-v. Print page 1 Print document pages. Cancel Delete. Sign In OR. Don't have an account? Sign up! Restore password. Upload from disk. Upload from URL.