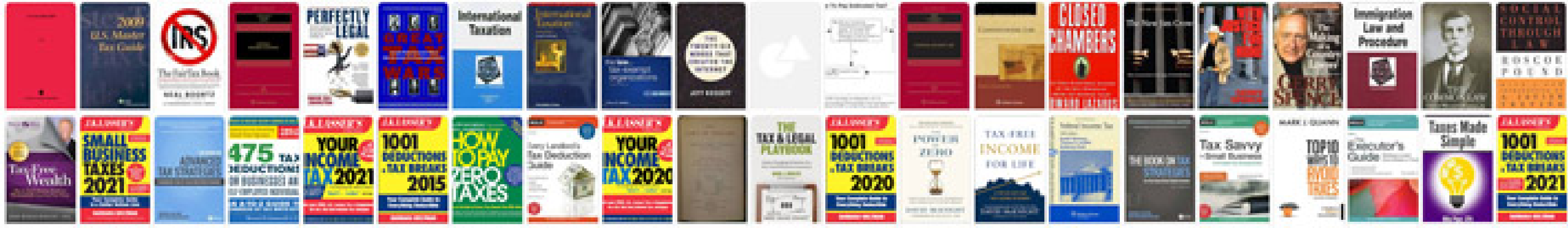

Saturn 2004 ion

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The Saturn Ion is a compact car sold by Saturn between the and model years. It used the GM Delta platform. Production of the Ion ended on March 29, The Ion was the last Saturn passenger car built at the Spring Hill, Tennessee plant which was originally linked to the company's branding, with Saturn owners attending "homecoming" events at the plant. The Level 1 trim, only offered as a four-door sedan, was the entry-level Ion trim. The Level 1 trim was discontinued in later model years of the Ion. The Level 2 trim was the entry-level Quad Coupe trim, and the upgraded trim for the four-door sedan. The Level 3 was the top-of-the-line trim for both the Quad Coupe and the four-door sedan. It featured a 2. The Ion came standard with a 2. The Ion sedan went on sale in mid-October , and the quad coupe went on sale in early The Ion is also available in sedan level 1, 2, or 3; level three signified a more user friendly setup with power windows and power locks, while lower levels included crank windows and plastic wheel covers. Other extras included fog lights, sunroof, and spoiler. The Saturn Ion Quad Coupe has half-sized rear clamshell doors while the sedan has conventionally hinged doors. The compact 5-speed automatic had several unique characteristics. The transmission lacked an overdrive, allowing for five forward gears to be packaged in the size of a typical four-speed manual gearbox, both providing close gear ratios for better acceleration and fuel efficiency while eliminating the heat and parasitic loss generated by the additional planetary gearset. The and Ion Coupes were available with the VTi continuously variable transmission or a Getrag F23 5-speed manual. For , Saturn also re-calibrated the electric power steering, as well as upgraded interior materials, and offered new sound systems. In , the Aisin 5-speed automatic transmission was discontinued. GM's 4-speed 4TE replaced both transmissions, becoming the only available automatic transmission option. The Ion sedan models also received a new steering wheel, the same one used in the Ion coupe models. In the middle of the model year, the seats in the base Ion1 model received upgraded fabrics and a height adjustment feature. Cosmetic changes included an upgraded fascia with a larger grille opening Ion sedan models and redesigned wheel covers and redesigned alloy wheel offerings. Under the hood, an acoustic engine cover was added to the engine bay to reduce noise emissions. Along with that, the Ion was discontinued after the model year. The 2. The new engine was fitted with the ECU from the 2. An "Appearance Package" was offered for the Ion 3 Quad Coupe, including redesigned front and rear bumpers, side moldings, elliptical fog lamps , and a chrome exhaust tip. The Recaro seats in the Red Line version were replaced with black leather-appointed seats, which featured a passenger -sensing system. The Ion was discontinued after the model year, and replaced in Saturn's lineup by the Saturn Astra hatchback , a rebadged Opel Astra H imported from Belgium. The Ion Red Line features most interior features from the standard Ion Coupe, including its rear clamshell doors , to allow accessibility to the rear seat. Introduced for the model year was the optional Competition Package. This exceeded the previous record of General Motors decided to discontinue the Ion after the model year. It was replaced by the Astra. The Astra shares the Delta platform with the Ion, but is a captive import from Opel. While Opel offered the Astra in multiple body types, and with other performance options, Saturn did not import any of them â€" the Astra was only offered with a single base engine, and in 3-door and 5-door hatchback bodystyles only, in two trim levels. The Ion was the last Saturn to have brand-specific design cues originating with the S-Series such as plastic body panels. In February , the Ion was added to a list of General Motors cars recalled due to a faulty ignition switch. From Wikipedia, the free encyclopedia. Model of American car made Motor vehicle. Car and Driver. Retrieved 26 March Detroit Free Press. Retrieved San Francisco Chronicle. GM Media Online. John Phillips, Caranddriver. September Admin, leftlanenews. Saturn automobile timeline, â€" Hidden categories: Articles with short description Short description matches Wikidata Short description is different from Wikidata Commons category link is on Wikidata. Namespaces Article Talk. Views Read Edit View history. Help Learn to edit Community portal Recent changes Upload file. Download as PDF Printable version. Wikimedia Commons. Spring Hill, Tennessee , United States. Transverse front-engine, front-wheel drive. Compact car. S series. Mid-size car. L series. Compact SUV. Mid-size SUV. Concept car. Cobalt SS Supercharged Coupe. Cobalt SS. Cobalt Sport. Pontiac Pursuit GT Canada only. Pontiac G5 GT. Cobalt SS Turbo Coupe. Cobalt SS Turbo Sedan. Make Model Year. Vehicle History. Vehicle Listing Details. That is what makes us the best place in michiana to buy your next pre owned car truck or SUV. Check out all of our inventory at HeadersAuto. Mishawaka Indiana. Odometer is miles below market average! Sheehan has become the fastest-growing Internet Car Dealer in the United States with our virtual car dealership. We have a dedicated and trained staff to give you a top notch and seamless Internet experience. We pledge to do whatever it takes to earn your business and will always sell vehicles below our competitors prices. If that sounds too good to be true, come and see for yourself why Visit us at Gary's has been a member of the BBB for over 20 years!! We do business in an up-front personal manner with no hassles. We provide airport pickup service or we can help you arrange to have your car transported to you anywhere in the U. You'll like the way we do business at Gary's!!! Call Today! Come in and bid to get crazy deals! Come during the week or early Saturday to sit in, start up, and inspect the vehicles before you bid. Gates open at 9AM. You can even test drive this car to your own mechanic for inspection on weekdays Mon-Fri. Its Automatic transmission and Gas I4 2. Visit our website at New Price! Clean history report! Come take a test drive today! Why spend more money than you have to? This Saturn Ion will help you keep the extra money you'd normally spend on gas. In addition to being well-cared for, this Saturn Ion has very low mileage making it a rare find. You've found the one you've been looking for. Your dream car. Beautiful color combination with Pacific Blue exterior over Grey interior making this the one to own! We are not responsible for any online errors or omissions. All prices are subject to change without notice Whether you're looking for a new truck, SUV or car we have what you need! We sell more than just Buick and GMC! We even carry specialty products like Porsche and Range Rover. If you're looking for something a little more custom, we have a selection of built and customized trucks that will fit your budget! This Blue Saturn Ion 2 might be just the sedan for you. Want a sedan you can rely on? This one has a crash test rating of 4 out of 5 stars! The exterior is a sleek blue. Call today to take this vehicle for a spin! Good or Bad credit we can help. The number one used car dealer in the new Downtown district - Stop in and see why! Popular searches. My notifications My Account. Save Search. Enter your ZIP code to show only relevant vehicles for sale nearby. Search radius. Home delivery available. Only show local listings. Year s. Type Sedan 38 Coupe 6. Engine Details Transmission Automatic 33 Manual 5. Engine Type Gas Drivetrain Front Wheel Drive Cylinders 4 cylinders Fuel Economy. Vehicle Listing Details Recently added listings. Listings with recent price drops. Are You Getting a Good Deal? No accidents. New Listing. Know The Deal. Title issue. Showing 1 - 18 out of 44 listings. Overall Consumer Rating. I purchased my Saturn Ion Quad Coupe brand-new in I previously drove '93 and '99 Saturn SC2 coupes and had no major problems. I kept my Ion much longer than my other 2 Saturns for various reasons. I was sorry that GM discontinued the Saturn line in ; the brand had high customer loyalty. If the Saturn brand hadn't been closed, I'd have bought another one. After 11 years and K miles, my husband and I felt it was time to move on; we just bought a Ford Focus, my first non-GM car. Even at this age and mileage, the engine and transmission are still in excellent condition. The air conditioning still runs as cold as it did back in I really will miss the unique design of the 2 rear half doors; they functioned better than a standard sedan since it was easier to open both doors and have a large space in which to load groceries and other items. I wish other car manufacturers caught on to this concept the only other vehicle like that is my husband's Honda Element, which also has 2 rear half-doors. I am selling my car this weekend and will really hate to see it go, but it's time for a newer, more updated, and more dependable vehicle. Read more. Read less. Sign Up. Quick Links. Table of Contents. Seats and Restraint Systems Front Seats. Rear Seats. Safety Belts. Child Restraints. Air Bag Systems. Restraint System Check. Features and Controls Doors and Locks. Theft-Deterrent Systems. Starting and Operating Your Vehicle. Storage Areas. Instrument Panel Warning Lights, Gages, and Indicators. Driving Your Vehicle Your Driving, the Road, and Your Vehicle. Service and Appearance Care Checking Things Under the Hood. Maintenance Schedule Maintenance Schedule. Customer Assistance and Information Automobile Saturn Outlook Owner's Manual Saturn outlook automobile owner's manual pages. Saturn vue hybrid automobile owner's manual pages. This manual includes the latest information at the time it was printed. A notice tells about something that can damage your vehicle. Page 5 These are some examples of symbols that may be found on the vehicle The sudden movement could startle and confuse you, or make you push a pedal when you do not want to. To raise the seat, ratchet the lever upward until the seat is at the desired height. To lower the seat, ratchet the lever downward until the seat is at the desired height. 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 because it will not be against your body. Page Head Restraints Head Restraints Press the button on the side of the head restraint to adjust it. 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. To fold the seatback, do the following: 1. Lift the bar under the seat to unlock it. Slide the seat as far back as it will go and release the bar. To lower the rear seatback, follow these steps: 1. If you have a sedan and it is equipped with this feature, open the trunk and pull one or both of the small handles located in the center of the trunk. Page Safety Belts To raise the rear seatback, lift it up and rearward until you hear a click. Push and pull on the seat back to be sure it is locked into place. 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. Page 17 Get it up to speed. Then stop the vehicle. 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. 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 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 Make sure the release button on the buckle is positioned so you would be able to unbuckle the safety belt quickly if you ever had to. Adjust the height so that the shoulder portion of the belt is centered on your shoulder. The belt should be away from your face and neck, but not falling off your shoulder. 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. 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. 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. The belt is twisted across the body. 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. Page 29 Lap-Shoulder Belt All rear seating positions have lap-shoulder belts. Here is how to wear one properly. Pick up the latch plate and pull the belt across you. Do not let it get twisted. The shoulder belt may lock if you pull the belt across you very quickly. Page 30 3. To make the lap part tight, pull down on the buckle The lap part of the belt should be worn low and snug on end of the belt as you pull up on the shoulder part. In a crash this applies force to the strong pelvic bones. Page 31 The safety belt locks if there is a sudden stop or a crash, or if you pull the belt very quickly out of the retractor. When installed on a shoulder belt, the comfort guide better positions the belt away from the neck and head. Page 33 3. Return the rear seatback to its upright position and make sure it is latched into place. 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. Page Safety Belt Pretensioners 6. 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. What is the proper way to wear safety belts? 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. 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. A baby should be secured in an appropriate restraint. Page 40 What are the different types of add-on child restraints? Page 42 A rear-facing infant seat B provides restraint with the seating surface against the back of the infant. The harness system holds the infant in place and, in a crash, acts to keep the infant positioned in the restraint. A booster seat can also help a child to see out the window. Page Where To Put The Restraint When choosing a child restraint, be sure the child restraint is designed to be used in a vehicle. If it is, it will have a label saying that it meets federal motor vehicle safety standards. Then follow the instructions for the restraint. It is better to secure the child restraint in a rear seat. Wherever you install it, be sure to secure the child restraint properly. Page 46 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. Page 49 A. Lower Anchorage B. To assist you in locating the lower anchors for this child restraint system, each seating position with the LATCH system has a label on the seatback at each lower anchor position. Find the LATCH anchorages for the seating position you want to use, where the bottom of the seatback meets the back of the seat cushion. Be sure to follow the instructions that came with the child restraint. Secure the child in the child restraint when and as the instructions say. Page 52 4. Pull the rest of shoulder belt all the way out of the retractor to set the lock. 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. The safety belt will move freely again and be ready to work for an adult or larger child passenger. Page 54 A rear seat is a safer place to secure a forward-facing child restraint. If you need to secure a forward-facing child restraint in the right front seat, you will be using the lap-shoulder belt to secure the child restraint. Page 55 5. Pull the rest of the shoulder belt all the way out of the retractor to set the lock. Your vehicle has a frontal air bag for the driver and another frontal air bag for the right front passenger. Your vehicle may also have roof mounted side impact air bags. Roof mounted side impact air bags are available for the driver and the passenger seated directly behind the driver and for the right front passenger and the passenger seated directly behind that Everyone in your vehicle should wear a safety belt properly â€” Page Where Are The Air Bags There is an air bag readiness light on the instrument panel cluster, which shows the air bag symbol. The system checks the air bag electrical system for malfunctions. The light tells you if there is an electrical problem. See Air Bag Readiness Light on page for more information. If your vehicle has a side impact air bag for the driver and the person seated directly behind the driver, it is in the ceiling above the side windows. Page 60 If your vehicle has a side impact air bag for the right front passenger and the person seated directly behind that passenger, it is in the ceiling above the side windows. In an impact of sufficient severity, the air bag sensing system detects that the vehicle is in a crash. This dust could cause breathing problems for people with a history of asthma or other breathing trouble. To avoid this, everyone in the vehicle should get out as soon as it is safe to do so. Your retailer and the Saturn Service Manual have information about servicing your vehicle and the air bag systems. 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 68 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. Do not leave the keys in a vehicle with children. The valet key only works in the doors and ignition. Notice: If you ever lock your keys in your vehicle, you may have to damage the vehicle to get in. Be sure you have spare keys. This is normal for any remote keyless entry system. This also disarms the theft-deterrent system. Press the button again to unlock the rest of the doors. You must complete one of the following within three seconds to change the mode. Page Battery Replacement Battery Replacement Under normal use, the battery in your remote keyless entry transmitter should last about four years. 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 76 Power Door Locks From the inside of the vehicle, push the top of the switch to unlock the door. Press the bottom of the switch to lock all of the doors at once. Page Lockout Protection Rear Door Security Locks Your vehicle has rear door security locks that prevent passengers from opening the rear doors from the inside. The rear door security locks are located on the inside edge of each rear door. You must open the rear doors to access them. Then use the handle located on the front edge of the rear door to open it. Page Remote Trunk Release Remote Trunk Release Press the remote trunk release button, located on the lower left side of the instrument panel, to release the trunk lid. Make sure the remote trunk release lockout feature is not activated. 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 inside of the trunk lid of your vehicle. Page Power Windows Manual Windows On a vehicle with manual windows, use the window crank to open and close each window. This switch is labeled AUTO. If the rear of the switch is fully pressed, the window will go all the way down. Although your vehicle has a number of theft-deterrent features, we know that nothing we put on it can make it impossible to steal. It is a theft-deterrent feature. You will only be able to remove your key when the ignition is turned to LOCK. You will get easier starting and better fuel economy during engine warm-up. Usually, the coolant heater should be plugged in a minimum of four hours prior to starting your vehicle. There are several different positions for the automatic transaxle. Page 93 3. Remove the key. Have your vehicle serviced at your retailer as soon as possible. Then, slowly let up on the clutch pedal as you press the accelerator pedal. You could injure yourself or others. Up-Shift Light If you have a manual transaxle, you may have an up-shift light. If the ignition is on, the brake system warning light will come on. To release the parking brake, hold the brake pedal down. Your vehicle can roll. If you have left the engine running, the vehicle can move suddenly. See Automatic Transaxle Operation on page Do not park over papers, leaves, dry grass or other things that can burn. It contains the gas carbon monoxide CO , which you can not see or smell. But if you ever have to, here are some things to know. Page Mirrors Mirrors Manual Rearview Mirror When you are sitting in a comfortable driving position, adjust the mirror so you can see clearly behind your vehicle. Grip the mirror in the center to move it up or down and side to side. When on, an automatic dimming mirror automatically dims to the proper level to minimize glare from lights behind you after dark. The mirror also includes a dual display in the upper right corner of the mirror face. Page Automatic Dimming Mirror Operation Automatic Dimming Mirror Operation The automatic dimming mirror function is turned on automatically each time the ignition is started. To operate the automatic dimming mirror do the following: 1. Page To adjust for compass variance do the following: 1. Find your current location and variance zone number on the following zone map. The compass is now in zone mode. Page Compass Operation Automatic Dimming Rearview Mirror with Compass and Temperature Display If your vehicle is equipped with an automatic dimming mirror it will automatically dim to the proper level to minimize glare from lights behind you after dark. The mirror also includes a display in the upper right corner of the mirror face. Page To adjust for compass variance: 1. Press the COMP button on the bottom of the mirror until the new zone number appears in the display. Page Outside Remote Control Mirror The outside rearview mirror should be adjusted so you can see a little of the side of your vehicle when you are sitting in a comfortable driving position. OnStar global positioning system GPS satellite technology, wireless communications, and state of the art call centers to provide you with a wide range of safety, security, information and convenience services. You can place calls nationwide using voice-activated dialing with no contracts and no additional roaming charges. Page Sunroof Roof Rack System If your vehicle has a roof rack, you can load things on top of your vehicle. Notice: Loading cargo on the luggage carrier that weighs more than lbs. Page Section 3 Message Center Page The main components of the instrument panel are the following: A. Air Outlets. See Outlet Adjustment on page Outlet Adjustment. See Horn on page They also let police know you have a problem. Horn You can sound the horn by pressing the center of your steering wheel. Tilt Wheel Your vehicle may have a tilt wheel which allows you to adjust the steering wheel before you drive. Turn and Lane-Change Signals The turn signal has two upward for right and two downward for left positions. If a bulb is burned out, replace it to help avoid an accident. Exterior Lamp Control : Turn the control with this symbol on it to operate the exterior lamps. The exterior lamp control has the following four positions: Off : Turning the control to this position turns off all lamps except the Daytime Running Lamps DRL. Page Windshield Wiper Lever Windshield Wiper Lever 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. Washer Fluid : Pull the windshield wiper lever toward you to operate the windshield wipers. This can really help on long trips. If you apply your brakes or the clutch, the cruise control will shut off. Page 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. Page Exterior Lamps 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. When you turn the exterior lamp band to the headlamp position, your low-beam headlamps will come on. Page Interior Lamps Fog Lamps If your vehicle has this feature, use your fog lamps for better visibility in foggy or misty conditions. The button for your fog lamps is located next to the instrument panel brightness control. Push the button to turn the fog lamps on. Push the button again to turn the fog lamps off. In addition, the light will come on when the remote keyless entry unlock button is pressed. It will stay on for 20 seconds or until a door is opened. Page Ashtrays And Cigarette Lighter Certain electrical accessories may not be compatible with the accessory power outlet and could result in blown vehicle or adapter fuses. If you experience a problem, see your dealer for additional information on the accessory power outlet. Notice: Adding any electrical equipment to your vehicle may damage it or keep other components from working as they should. 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 or frost from your windshield and side windows. Operation To change the current mode, select one of the following: Vent : This mode directs air to the instrument panel outlets. Page The air-conditioning compressor also comes on. Operation in this mode during periods of high humidity and cool outside temperatures may result in increased window fogging. If window fogging is experienced, select the defrost mode. Air Conditioning : Press this button to turn the air-conditioning system on or off. Page Outlet

Adjustment Rear Window Defogger The rear window defogger uses a warming grid to remove fog from the rear window. The rear window defogger will only work when the ignition is in RUN. Page 4. The pictures will help you locate them. Warning lights and gages can signal that something is wrong before it becomes serious enough to cause an expensive repair or replacement. Page Instrument Panel Cluster Instrument Panel Cluster Your instrument cluster is designed to let you know at a glance how your vehicle is running. Your odometer is located in your message center, and shows how far your vehicle has been driven, in either miles used in the United States or kilometers used in Canada. To help avoid injury to yourself or others, have your vehicle serviced right away if the air bag readiness light stays on after you start your When this light comes on, you should shift to the next higher gear if weather, road, and traffic conditions allow you to. This light is located in your instrument panel cluster to the left of the speedometer. A chime will also sound if the parking brake is not fully released and the vehicle is moving. If the pointer moves into the shaded area, your engine is too hot! Page Malfunction Indicator Lamp Malfunction Indicator Lamp Service Engine Soon Light Your vehicle is equipped with a computer which monitors operation of the fuel, ignition and emission control systems. This system is called OBD II On-Board Diagnostics- Second Generation and is intended to assure that emissions are at acceptable levels for the life of the vehicle, helping to produce a cleaner environment. If so, be sure to fuel your vehicle with quality fuel. See Gasoline Octane on page Poor fuel quality will cause your engine not to run as efficiently as designed. Page Maintenance Schedule Oil Pressure Light If you have a low engine oil pressure problem, this light will stay on after you start your engine, or come on when you are driving. This indicates that your engine is not receiving enough oil. The engine could be low on oil, or could have some other oil problem. Page Message Center Here are four things that some owners ask about. Let the engine run for a few minutes until this message is no longer displayed. A chime will also sound to alert you to this message. If this message is displayed, check your engine coolant temperature gage. If the needle is in the red area, your engine may be overheating. You should refuel your vehicle immediately. 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. You will hear a beep indicating that you can change the time. The display will show the selection. TUNE : Press either arrow to select radio stations. SEEK : Press the up or down arrow to go to the next or to the previous station and stay there. Page Using Automatic Set Use this feature to automatically save the radio preset pushbuttons with the stations with the strongest radio signals. VOL Volume : Turn this knob to increase or to decrease volume. RCL Recall : Press this knob to switch the display between the radio station frequency and the time. Page Setting Preset Stations The six numbered pushbuttons let you return to your favorite stations. Turn the radio on. Press the plus or minus buttons to increase or to decrease. The display will show the bass or the treble level. If a station is weak or noisy, you may want to decrease the treble. When the temperature returns to normal, the CD should play. When the road becomes smooth, the CD should play. The display will show your selection. Press either CAT arrow to select different categories. Turn this knob to increase or to decrease. You will hear the announcement, even if the volume is muted or a CD is playing. If a CD is playing, play will stop during the announcement. The player will pull it in and the CD should begin playing. The CD symbol will appear on the display. You can insert a CD with the ignition off. Release it to play the passage. The elapsed time of the track will appear on the display. Forward : Press and hold the right arrow to advance quickly within a track. When you turn on the ignition or radio, the CD will start playing where it stopped, if it was the last selected audio source. Page To load all CDs, do the following: 1. Turn the ignition on. Press and hold the load button for more than three seconds. Loading will continue until all six CDs are loaded or load is stopped by pressing any other radio button. The CD player can play the smaller 8 cm or 3 inch single CDs with an adapter ring. It works by using a secret code to disable all radio functions whenever battery power is interrupted. Page 6. OFF will appear on the display indicating the theft deterrent feature is off. Store them in their original cases or other protective cases and away from direct sunlight and dust. If the surface of a CD is soiled, dampen a clean, soft cloth in a mild, neutral detergent solution and clean it, wiping from the center to the 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.

Page Control Of A Vehicle There is something else about drinking and driving that many people do not know. This means that when anyone who has been drinking â€" Page Braking Braking Braking action involves perception time and reaction time. First, you have to decide to push on the brake pedal. That is perception time. Then you have to bring up your foot and do it. That is reaction time. But that is only an average. Page When you start your engine, or when you begin to drive away, your anti-lock brake system will check itself. You may hear a momentary motor or clicking noise while this test is going on, and you may even notice that your brake pedal moves or pulses a little. 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 Steering If your vehicle is in cruise control when the traction control system begins to limit wheel spin, the cruise control will automatically disengage. When road conditions allow you to safely use it again, you may reengage the cruise control. Here is why: Experienced driver or beginner, each of us is subject to the same laws of physics when driving on curves. 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 brakes, steering and acceleration do not have enough friction where the tires meet the road to do what the driver has asked. In any emergency, do not give up. Page Driving At Night While driving on a surface with reduced traction, try your best to avoid sudden steering, acceleration or braking including engine braking by shifting to a lower gear. Any sudden changes could cause the tires to slide. You may not realize the surface is slippery until your vehicle is skidding. Page Here are some tips on night driving. On a wet road, you can not stop, accelerate or turn as well because your tire-to-road traction is not as good as on dry roads. And, if your tires do not have much tread left, you will get even less traction. Page Driving too fast through large water puddles or even going through some car washes can cause problems, too. The water may affect your brakes. Try to avoid puddles. But if you can not, try to slow down before you hit them. So much water can build up under your tires that they can actually ride on the water. This can happen if the road is wet enough and you are going fast enough. When your vehicle is hydroplaning, it has little or no contact with the road. Page City Driving City Driving One of the biggest problems with city streets is the amount of traffic on them. You will want to watch out for what the other drivers are doing and pay attention to traffic signals. Page Freeway Driving Freeway Driving Mile for mile, freeways also called thruways, parkways, expressways, turnpikes or superhighways are the safest of all roads. But they have their own special rules. The most important advice on freeway driving is: Keep up with traffic and keep to the right. Drive at the same speed most of the other drivers are driving. They will be ready and willing to help if you need it. Are all windows clean inside and outside? Your brakes will have to do all the work of slowing down. They could get so hot that they would not work well. You would then have poor braking or even none going down a hill. Also see Tires on page However, if there is snow or ice between your tires and the road, you can have a very slippery situation. If you do have anti-lock, see Braking on page Whether you have the anti-lock braking system or not, you will want to begin stopping sooner than you would on dry pavement. You can run the engine to keep warm, but be careful. Start the engine again and repeat this only when you feel really uncomfortable from the cold. But do it as little as possible. Preserve the fuel as long as you can. To help keep warm, you can get out of the vehicle and do some fairly vigorous exercises every half hour or so until help comes. If this happens, release the accelerator pedal, then shift to the gear you want. Towing Towing Your Vehicle Consult your dealer or a professional towing service if Set the parking brake. Turn the ignition key to ACC. Put the front wheels on a dolly. Vehicle Capacity Weight Example 2 A. Vehicle Capacity Weight The Tire and Loading Information label shows the seating capacity and the total weight your vehicle can properly carry. This weight is called the vehicle capacity weight. Page If you do have a heavy load, spread it out. If you do, parts on your vehicle can break, and it can change the way your vehicle handles. For example, if the trailer is too heavy, the brakes may not work well â€" or even at all. It should never weigh more than 1, lbs. But even that can be too heavy. It depends on how you plan to use your rig. For example, speed, altitude, road grades, outside temperature and how much your vehicle is used to pull a trailer are all important. Acquaint yourself with the feel of handling and braking with the added weight of the trailer. And always keep in mind that the vehicle you are driving is now a good deal longer and not nearly as responsive as your vehicle is by itself. See your retailer if you need information. If something goes wrong, your rig could start to move. People can be injured, and both your vehicle and the trailer can be damaged. See Scheduled Maintenance on page for more information. Page Section 5 Service Page Service You will get genuine Saturn parts and Saturn-trained and supported service people. We hope you will want to keep your Saturn vehicle all Saturn. Genuine Saturn parts have one of these marks. California Proposition 65 Warning It tells you much more about how to service your vehicle than this manual can. To order the proper service manual, see Service Publications Ordering Information on page Page Fuel Otherwise, you might damage your engine. Page California Fuel see Malfunction Indicator Lamp on page and your vehicle may fail a smog-check test. If this occurs, return to your authorized Saturn retailer for diagnosis. If it is determined that the condition is caused by the type of fuel used, repairs may not be covered by your warranty. Page Fuels In Foreign Countries MMT can reduce the life of spark plugs and the performance of the emission control system may be affected. The malfunction indicator lamp may turn on. If this occurs, return to your authorized Saturn retailer for service. Fuels in Foreign Countries To help avoid injuries to you and others, read and follow all the instructions on the pump island. Fuel can spray out on you if you open the fuel cap too quickly. This spray can happen if your tank is nearly full, and is more likely in hot weather. Keep hands, clothing and tools away from any underhood electric fan. Page 2. Then go to the front of the vehicle and push the hood release latch to the side. Lift the hood, release the hood prop from its retainer and put the hood prop into the slot in the hood. Page A. Engine Oil Fill Location. See Engine Oil on page Engine Oil Dipstick Location. Brake Master Cylinder. See Brakes on page and Hydraulic Clutch on page Page When you open the hood on 2. Page Engine Oil A. Electric Cooling Fan. See Cooling System on page Radiator Pressure Cap. See Engine Coolant on page But you must use the right kind. This section explains what kind of oil to use. These numbers on an oil container show its viscosity, or thickness. Page GM Goodwrench oil meets all the requirements for your vehicle. Both will provide easier cold starting and better protection for your engine at extremely low temperatures. Page When To Change Engine Oil Your retailer has trained service people who will perform this work using genuine Saturn parts and reset the system. It is also important to check your oil regularly and keep it at the proper level. Inspect the condition of the O-ring and replace if damaged. See your Saturn retailer for additional information. What to Do with Used Oil Used engine oil contains certain elements that may be unhealthy for your skin and could even cause cancer. Page Automatic Transaxle Fluid 3. If the element is dirty, you should replace it. If the element is only dusty, it may be cleaned by blowing compressed air through it from the clean side. With plain water or the wrong mixture, your engine could get too hot but you would not get the overheat warning. See Engine Compartment Overview on page for more information on location. If you replace your coolant surge tank pressure cap, a Saturn cap is required. 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. If you get an engine overheat warning with no warning messages, but see or hear no steam, the problem may not be too serious. Electric Engine Fan B. 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. Watch out for the engine cooling fan. See Engine Compartment Overview on page for the location of the reservoir. The rear drum brakes do not have wear indicators, but if you ever hear a rear brake rubbing noise, have the rear brake linings inspected immediately. Page Battery â€" be sure you get new approved Saturn replacement parts. If you do not, your brakes may no longer work properly. For example, if someone puts in brake linings that are wrong for your vehicle, the balance between your front and rear brakes can change â€" Page Jump Starting Jump Starting If your battery has run down, you may want to use another vehicle and some jumper cables to start your vehicle. Be sure to follow the steps below to do it safely. Open the hoods and locate the batteries. You will not need to access your battery for jump starting. Keep your hands away from moving parts once the engine is running. If they do, you could get a shock. Page 7. Connect the other end of the negative cable at 8. Page Now start the vehicle with the good battery and run the engine for a while. Try to start the vehicle that had the dead battery. Page Headlamp Aiming To disconnect the jumper cables from both vehicles, do the following: 1. Disconnect the black negative cable from the vehicle that had the dead battery. Disconnect the black negative cable from the vehicle with the good battery. For any bulb changing procedure not listed in this section, contact your retailer. You or others could be injured. To access the headlamp bulb, turn the dust cap 5. Raise the lock tab and pull the connector from the counter-clockwise to remove it. Page Headlamps Coupe 6. To remove the bulb retaining nut, turn it counter-clockwise. Remove the bulb and replace it with the appropriate bulb. Turn the ignition and headlamp switch off. After allowing the bulb to cool, open the hood. See Hood Release on page Remove the retaining nut. Front Turn Signal Lamps Sedan 1. Gently remove the bulb and replace it with the appropriate bulb.

Open the hood. Reach behind the headlamp from inside the hood. Rotate the bulb socket counter-clockwise to remove it from the housing. Gently pull the bulb from the socket and replace it with the appropriate bulb. Pull up on the headlamp retaining pins to remove them, gently pull the headlamp assembly away from the vehicle and remove the electrical connector. Twist the sockets out of the stop lamp and remove the bulbs. Replace with the appropriate bulbs. Taillamps, Stoplamps and Back-up Lamps 1. Page Replacement Bulbs For any bulb not listed here contact your retailer. Replacement blades come in different types and are removed in different ways. Page Tires Tires Your new vehicle comes with high-quality tires made by a leading tire manufacturer. If you ever have questions about your tire warranty and where to obtain service, see your GM Warranty booklet for details. These tires are designed for very responsive driving on wet or dry pavement. Page Tire Size Tire Size The following illustration shows an example of a typical passenger car tire size. Air pressure is expressed in pounds per square inch psi or kilopascal kPa. Accessory Weight: This means the combined weight of optional accessories. Intended Outboard Sidewall: The side of an asymmetrical tire that must always face outward when mounted on a vehicle. Kilopascal kPa : The metric unit for air pressure. There are 6. Page Rim: A metal support for a tire and upon which the tire beads are seated. Sidewall: The portion of a tire between the tread and the bead. Speed Rating: An alphanumeric code assigned to a tire indicating the maximum speed at which a tire can operate. It is not. Cold means your vehicle has been sitting for at least three hours or driven no more than 1 mile 1. Any time you notice unusual wear, rotate your tires as soon as possible and check wheel alignment. Also check for damaged tires or wheels. Make certain that all wheel nuts are properly tightened. For more information about this label and its location on your vehicle, see Loading Your Vehicle on page Page Uniform Tire Quality Grading Uniform Tire Quality Grading Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width. 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. Page Used Replacement Wheels If you need to replace any of your wheels, wheel bolts or wheel nuts, replace them only with new Saturn original equipment parts. This way, you will be sure to have the right wheel, wheel bolts and wheel nuts for your vehicle. Tire chains used on a vehicle without the proper amount of clearance can cause damage to the brakes, suspension or other vehicle parts. The vehicle can slip off the jack and roll over or fall on you or other people. Lift the trunk liner and place the plastic hook in the lip of the trunk lid. Remove the nut that holds down the spare tire. See Compact Spare Tire on page 3. Gently pull it up and out of the trunk. For vehicles equipped with the 2. If your vehicle is equipped with plastic wheel covers, use the wheel wrench to loosening the plastic wheel nut caps. The front location is about 7 inches The rear location is about 2 inches 5. Remove all of the wheel nuts. Remove any rust or dirt from the wheel bolts, mounting surfaces and spare wheel. This could lead to an accident. Be sure to use the correct wheel nuts. In a sudden stop or collision, loose equipment could strike someone. Store all these in the proper place. Remove the stow bolt extension rod and sleeve from the jack. Reattach the wheel wrench to the jack. Screw the stow bolt extension rod and the sleeve into the existing spare tire hold-down bolt. It should be 60 psi kPa. Some are toxic. Some are dangerous if you breathe their fumes in a closed space. You may have to do this more than once. Use a clean cloth and vinyl cleaner. Page Weatherstrips Weatherstrips Silicone grease on weatherstrips will make them last longer, seal better, and not stick or squeak. Apply silicone grease with a clean cloth. During very cold, damp weather frequent applications may be required. See Recommended Fluids and Lubricants on page Page Cleaning Aluminum Wheels Foreign materials such as calcium chloride and other salts, ice melting agents, road oil and tar, tree sap, bird droppings, chemicals from industrial chimneys, etc. Wash the vehicle as soon as possible. When applying a tire dressing, always wipe off any overspray from all painted surfaces on your vehicle. Tar and Road Removes tar, road oil Oil Remover and asphalt. Chrome Cleaner You can see it if you look through the windshield from outside your vehicle. Some add-on electrical equipment can keep other components from working as they should. Loosen the screw on the cover and remove the cover. Page Engine Compartment Fuse Block 2. See Recommended Fluids and Lubricants on page for more information. Page Section 6 Maintenance Schedule But we do not know exactly how you will drive it. You may drive very short distances only a few times a week. Page Saturn retailer do these jobs. When you go to your Saturn retailer for your service needs, you will know that Saturn-trained and supported service technicians will perform the work using genuine Saturn parts. Your Saturn retailer has Saturn-trained service technicians who will perform this work using genuine Saturn parts and reset the system. Reset oil life system. An Emission Control Service. Visually check for any leaks or damage. See footnote j. Service and Miles Kilometers Inspect fuel system for damage or leaks. Inspect exhaust system for loose or damaged components. To help ensure proper operation, a pressure test of the cooling system and pressure cap and cleaning the outside of the radiator and air conditioning condenser is recommended at least once a year. Your Saturn retailer can assist you with these checks and services. Be sure any necessary repairs are completed at once. Engine Oil Level Check Check the engine oil level and add the proper oil if necessary. See Engine Oil on page for further details. On automatic transaxle vehicles, try to start the engine in each gear. If the starter works in any other position, contact your Saturn retailer for service. On manual transaxle vehicles, put the shift lever in Neutral N , push the clutch pedal down halfway and try to start the engine. The key should come out only in OFF. Contact your Saturn retailer if service is required. Then release the parking brake followed by the regular brake. Page GM Part No. 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. Page Saturn vehicle. For vehicles purchased in Canada call As the proud owner of a new Saturn vehicle, you are automatically enrolled in the Saturn Roadside Assistance Program. This value-added service is intended to provide you with peace of mind as you drive in the city or travel the open road. Page Delivery of the replacement key will be covered within 10 miles. Assistance when the vehicle is mired in sand, mud or snow. Roadside Assistance is not part of or included in the coverage provided by the New Vehicle Limited Warranty. Page This information has been used to improve vehicle crash performance and may be used to improve crash performance of future vehicles and driving safety. Unlike the data recorders on many airplanes, these on-board systems do not record sounds, such as conversation of vehicle occupants. Saturn service manuals are written for trained technicians, and in some cases, specialized tools and equipment are necessary to complete certain repairs. However, the manuals are available to owners who either have the training, or wish to gain a greater understanding of the technical aspect of their Saturn. Page Accessory Power Outlets Page Automatic Headlamp System Page Change Engine Oil Message Page Driving cont. Page Filter Engine Air Cleaner Page Hazard Warning Flashers Page Jump Starting Page New Vehicle Break-In Page Power cont. Steering Message Page Service Page Theft-Deterrent System Page Understanding Radio Reception Page Windows 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. A majority of all used US imports have either been in accidents, been stolen, been flooded, salvaged and rebuilt and shipped to Europe or are subject to open recalls. For 30 years, CARFAX has been collecting data on US vehicles from thousands of sources and has helped millions of used car shoppers reduce their risk of getting stuck with a vehicle that has costly hidden problems. For more than 30 years, CARFAX has been helping millions of used car shoppers make better purchase decisions and avoid expensive hidden problems. In addition, CARFAX has helped used car dealers around the world to build trust with their customers and sell their American cars with confidence. With more than 14 billion records, CARFAX has built up its database with the help of its partners and sources, including government offices, law enforcement agencies, service and repair shops, car dealerships, insurance companies and many more. In addition to publicly available information, CARFAX has collected information from many independent reliable sources. Thanks for the service, the price was absolutely worth. Immediately to the Internet, paid with credit card and in 10 minutes I had the report. Vehicle imported from California to Lithuania. For some weeks "Babs" is now with us and we have a lot of fun with the car. Buying Used American Cars? Search by VIN. Instant Access. We offer you unique vehicle history to help you make better purchase decisions. Trusted by millions of users. Worldwide market leader. The most popular blog articles How to detect mileage rollback? Mileage rollback is one of the most occurring types of fraud in the selling process of used cars. However, there are ways to detect mileage fraud. Even though odometer fraud is difficult to detect for the untrained eye, it is not an impossible task. Import a car from the USA. There are a few advantages to buying a American used car. Check the Service History of a Car. How important is the service history of a car? CARFAX takes a look at these questions and explains the importance of the service history of a car, as well as where you can find the complete history of service records. Make a VIN Search. Popular searches. My notifications My Account. View Photos. Year Select Year Don't know your type? Type Select Type. Don't know your trim? Trim Select Trim. Don't know your style? Style Select Style. Exceptional mechanical, exterior and interior condition with no visible wear; no reconditioning required. Minimal wear and tear with no major mechanical or cosmetic problems; may require limited reconditioning. Normal wear and tear. Has the vehicle ever been in an accident? Does the vehicle have any flood damage? Are there any mechanical issues or warning lights displayed on the dashboard? Are there any panels in need of paint or body work? Yes, 1. Yes, 2. Yes, 3 or more. Are any interior parts broken or inoperable? Do any tires need to be replaced? Yes, 1 or 2. Yes, 3 or 4. How many keys do you have? Does the vehicle have any aftermarket modifications? Are there any other issues with the vehicle? Get the Edmunds Appraisal, so you know what it's worth Get an instant, no obligation offer from CarMax to see how it compares No contact info needed, no annoying calls. Enter VIN. Generate My Offer. Don't have your VIN? License Plate. State Select State. Don't have your license plate? Estimated values for the Saturn ION. See more. Did you know? Style Select Style 1 4dr Sedan 2. The term "Blue Book Value" might refer to the Kelley Blue Book value, but is often used as a generic expression for a given vehicle's market value. You'll need to know some basic facts about your vehicle, such as the mileage, condition, option packages and trim level. If the vehicle is in worse shape, you'll want to deduct a couple thousand dollars for each of the lower two condition levels. Learn more. A number of factors will affect how much a Saturn ION is worth. For starters, you'll need information such as the ye

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ar, mileage, condition level, options and trim level. If you need a more accurate number, head to Edmunds, input your vehicle's details and you'll get an accurate appraisal. The value of a Saturn ION, or any vehicle, is determined by its age, mileage, condition, trim level and installed options. Head to Edmunds for a more detailed appraisal, where you can see its estimated dealer retail value along with the values for other condition levels. There is no one perfect vehicle for everyone, so it is difficult to make a broad assessment of the Saturn ION. We recommend you read Edmunds expert reviews and consumer reviews to make that buying decision for yourself. When in doubt, ask to test-drive the Saturn ION and see how it feels. Get a free appraisal here. To understand if the Saturn ION is a good vehicle for you, check out Edmunds' expert and consumer reviews and ratings. To see if it's priced right, check out Edmunds' free appraisal calculator. Sponsored cars related to the ION. Sign Up.