

GM SERVICE AND PARTS OPERATIONS
DCS1359
URGENT - DISTRIBUTE IMMEDIATELY

DATE: March 8, 2005

SUBJECT: 05018 / Noncompliance Recall
Electronic Throttle Control (ETC) Pedal Assembly

MODELS: 2004 Cadillac SRX, XLR
2004 Pontiac Grand Prix

TO: All Cadillac and Pontiac Dealers

ATTENTION: Service Manager, Parts Manager and
Warranty Administrator

PRODUCT FIELD ACTION ANNOUNCEMENT

General Motors is announcing Noncompliance Recall 05018 today. The total number of vehicles involved is 21,885. Please see the attached bulletin for details.

Mailing Information

Customer notification letter mailing will begin on March 15, 2005.

GM Vehicle Inquiry System (GMVIS)

GMVIS information will be available on March 9, 2005.

Service Information System (SI)

Bulletin 05018 is scheduled to be available in SI on March 9, 2005.

Campaign Initiation Detail Report (CIDR)

The CIDR will be available in GM DealerWorld on March 8, 2005.

PLEASE DOUBLE CLICK ON THE ICON BELOW
THEN SINGLE CLICK ON THE LAUNCH BUTTON
TO VIEW OR PRINT THE BULLETIN

(See attached file: 05018 bulletin.pdf)

END OF MESSAGE

GM SERVICE AND PARTS OPERATIONS



Recall Bulletin



F/CMVSS NONCOMPLIANCE RECALL

SUBJECT: ELECTRONIC THROTTLE CONTROL (ETC) PEDAL ASSEMBLY

**MODELS: 2004 CADILLAC SRX, XLR
 2004 PONTIAC GRAND PRIX**

CONDITION

General Motors has decided that **certain** 2004 model year Cadillac SRX and XLR, and Pontiac Grand Prix vehicles fail to conform to Federal/Canada Motor Vehicle Safety Standard 124, Accelerator Control Systems. If one of the two accelerator pedal return springs fails, and the temperature is -30° C to -40° C (-22° F to -40° F) for the Cadillac XLR and Pontiac Grand Prix, or -10° C to -40° C (14° F to -40° F) for the Cadillac SRX, the engine may not return to idle within three seconds as required. If this were to occur, greater brake pedal force and a longer distance may be required to stop the vehicle. If stopping distance is limited, a vehicle crash could occur.

If you encounter higher than expected engine speed after you remove your foot from the accelerator pedal, shift to Neutral and apply the brake firmly to stop in a safe location.

CORRECTION

Dealers are to replace the electronic control pedal assembly.

VEHICLES INVOLVED

Involved are **certain** 2004 model year Cadillac SRX and XLR, and Pontiac Grand Prix vehicles built within these VIN breakpoints:

YEAR	DIVISION	MODEL	FROM	THROUGH
2004	Cadillac	SRX	40129421	40143951
2004	Cadillac	XLR	45600234	45601410
2004	Pontiac	Grand Prix	41229970	41257604

IMPORTANT: Dealers should confirm vehicle eligibility through **GMVIS** (GM Vehicle Inquiry System) prior to beginning recall repairs. [Not all vehicles within the above breakpoints may be involved.]

For US: For dealers with involved vehicles, a Campaign Initiation Detail Report containing the complete Vehicle Identification Number, customer name and address data has been prepared

and will be loaded to the GM DealerWorld, Recall Information website. Dealers that have no involved vehicles currently assigned, will not have a report available in GM DealerWorld.

For Canada: For dealers with involved vehicles, a Campaign Initiation Detail Report containing the complete Vehicle Identification Number, customer name and address data has been prepared, and is being furnished to involved dealers. Dealers that have no involved vehicles currently assigned, will not receive a Campaign Initiation Detail Report.

For IPC: For dealers with involved vehicles, a Campaign Initiation Detail Report containing the complete Vehicle Identification Number, customer name and address data has been prepared, and is being furnished to involved dealers. Dealers that have no involved vehicles currently assigned, will not receive a report with the recall bulletin.

The Campaign Initiation Detail Report may contain customer names and addresses obtained from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this recall is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this recall.

PARTS INFORMATION

Parts required to complete this recall are to be obtained from General Motors Service Parts Operations (GMSPO). Please refer to your "involved vehicles listing" before ordering parts. Normal orders should be placed on a DRO = Daily Replenishment Order. In an emergency situation, parts should be ordered on a CSO = Customer Special Order.

Part Number	Description	Quantity/Vehicle
10345632	Pedal, Accel (Grand Prix)	1
15263218	Pedal, Accel (SRX - Non-Adjustable Pedal)	1
15263220	Pedal, Accel (SRX - Adjustable Pedal)	1
10351941	Pedal, Accel (XLR)	1

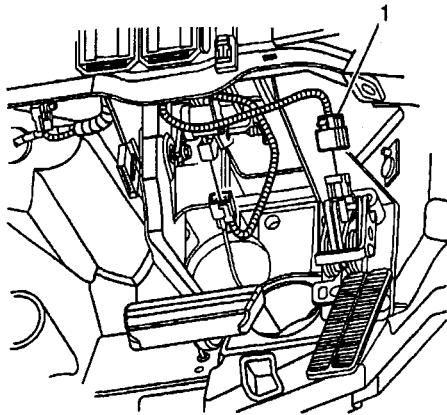
SERVICE PROCEDURE

Cadillac XLR

Removal

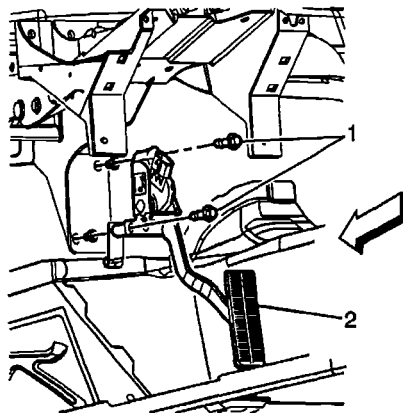
Notice: Handle the electronic throttle control components carefully. Use cleanliness in order to prevent damage. Do not drop the electronic throttle control components. Do not roughly handle the electronic throttle control components. Do not immerse the electronic throttle control components in cleaning solvents of any type.

1. Using a flat-bladed tool, carefully pry the I/P courtesy lamp assembly from the left lower closeout panel.
2. Remove the push-on retaining nut from the steering column bracket stud.
3. Release the push-in retainers to the left lower closeout panel from the I/P lower support beam.
4. Insert the I/P courtesy lamp assembly up through the opening in the closeout panel.
5. Lower and remove the closeout panel. Release the notch in the right forward edge of the closeout panel from the tab on the accelerator pedal bracket.



1252542

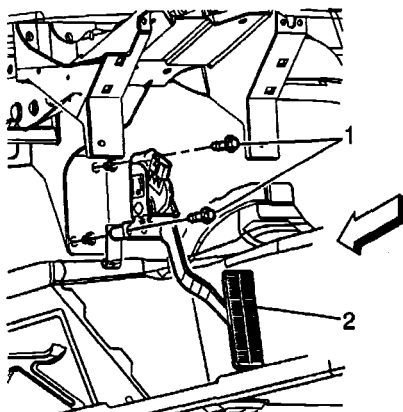
6. Disconnect the electrical connector (1) from the accelerator pedal sensor module.



931700

7. Remove the accelerator pedal mounting bolts (1).
8. Remove the accelerator pedal (2).

Installation



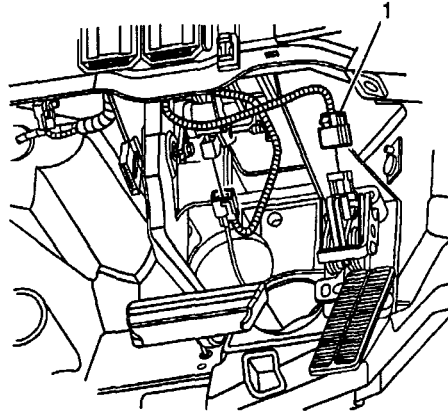
931700

1. Position the new accelerator pedal (2) to the vehicle.

2. Install the accelerator pedal bolts (1).

Tighten

Tighten the accelerator pedal bolts to 10 N·m (89 lb in).



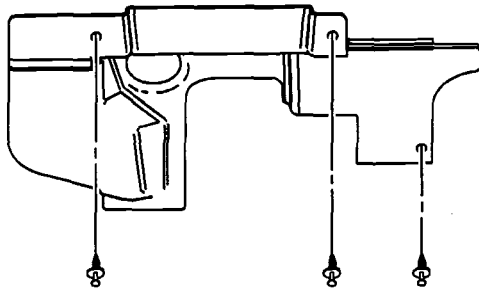
1252542

3. Connect the accelerator pedal electrical connector (1).
4. Check for complete throttle opening, and throttle closing positions by operating the accelerator pedal. Monitor the throttle angles using a scan tool. The accelerator pedal should operate freely without binding between full closed throttle and wide-open throttle.
5. Check for an incorrect carpet fit under the accelerator pedal.
6. Insert the I/P courtesy lamp down through the opening in the closeout panel.
7. Install the closeout panel into position.
8. Secure the closeout panel push-in retainers to the I/P lower support beam.
9. Secure the notch in the right forward edge of the closeout panel to the tab on the accelerator pedal bracket. Align, and then push up to secure the panel.
10. Install the push-on retaining nut to the steering column bracket stud.
11. Align the I/P courtesy lamp to the closeout panel opening, and then push to secure the lamp.

Pontiac Grand Prix

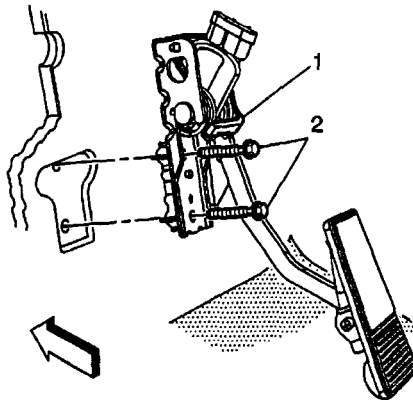
Removal

Notice: Handle the electronic throttle control components carefully. Use cleanliness in order to prevent damage. Do not drop the electronic throttle control components. Do not roughly handle the electronic throttle control components. Do not immerse the electronic throttle control components in cleaning solvents of any type.



1202960

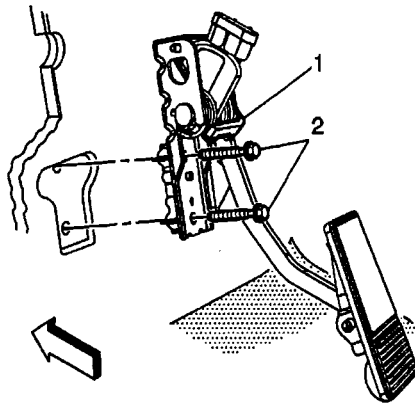
1. Remove the 3 closeout panel fasteners.
2. Rotate the lamp. Remove the lamp from the panel.
3. Remove the closeout panel.



910941

4. Disconnect the accelerator pedal electrical connector.
5. Remove the accelerator pedal bolts (2).
6. Remove the accelerator pedal (1) from the vehicle.

Installation



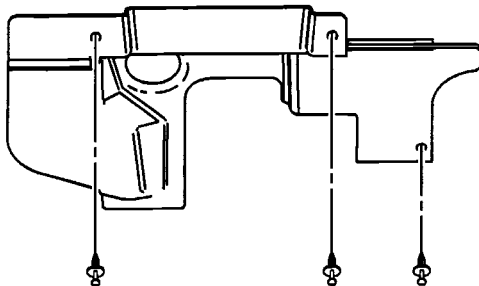
910941

1. Position the new accelerator pedal (1) to the vehicle.
2. Install the accelerator pedal bolts (2).

Tighten

Tighten the accelerator pedal bolts to 5 N·m (44 lb in).

3. Connect the accelerator pedal electrical connector.

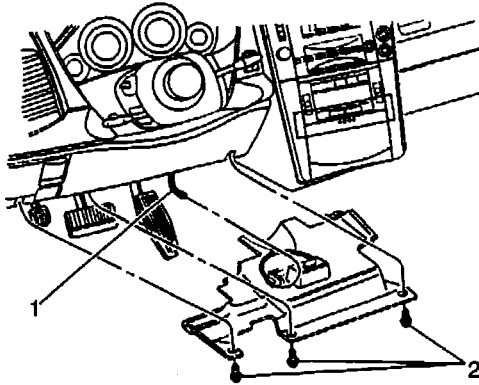


1202960

4. Position the lamp to the insulator opening. Rotate the lamp.
5. Align the insulator to the lower instrument panel.
6. Install the 3 fasteners.
7. Operate the accelerator pedal and observe the APP sensor percentage using a scan tool. The accelerator pedal should operate freely, without binding between the closed throttle and wide-open throttle.

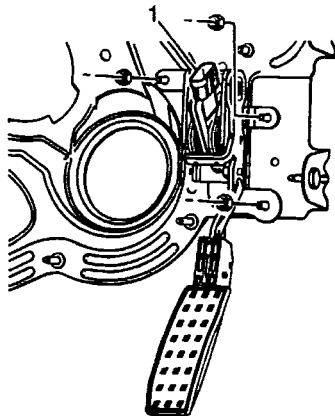
Cadillac SRX – Without Adjustable Pedals**Removal**

Notice: Handle the electronic throttle control components carefully. Use cleanliness in order to prevent damage. Do not drop the electronic throttle control components. Do not roughly handle the electronic throttle control components. Do not immerse the electronic throttle control components in cleaning solvents of any type.



713951

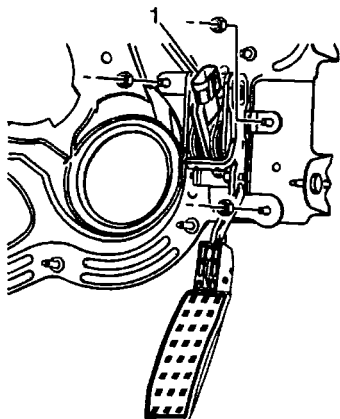
1. Remove the screws (2) securing the closeout panel to the I/P.
2. Disconnect the courtesy lamp electrical connector (1).
3. Remove the closeout panel from the I/P.



1407620

4. Disconnect the accelerator pedal position (APP) sensor electrical connector from the accelerator pedal module.
5. Remove the APP sensor mounting bolts.
6. Remove the APP sensor from the vehicle.

Installation



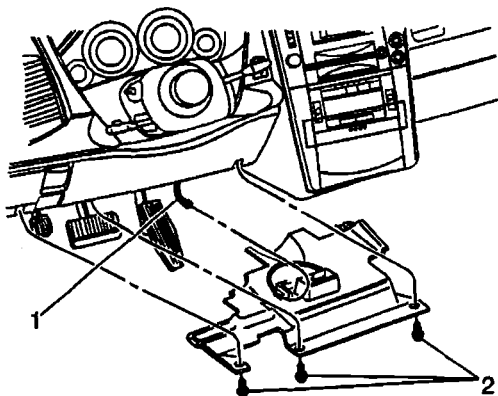
1407620

1. Position the APP sensor to the mounting plate.
2. Install the APP sensor mounting bolts.

Tighten

Tighten the APP sensor mounting bolts to 9 N·m (80 lb in).

3. Connect the APP sensor electrical connector.
4. Operate the accelerator pedal and observe the APP angles using a scan tool. The accelerator pedal should operate freely, without binding between closed throttle and wide open throttle.



713951

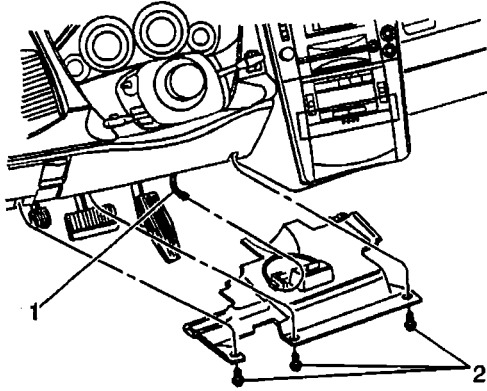
5. Connect the courtesy lamp electrical connector (1).
6. Align the closeout panel on the I/P.
7. Install the closeout retaining fastener (2).

Tighten

Tighten the fasteners to 2 N·m (18 lb in).

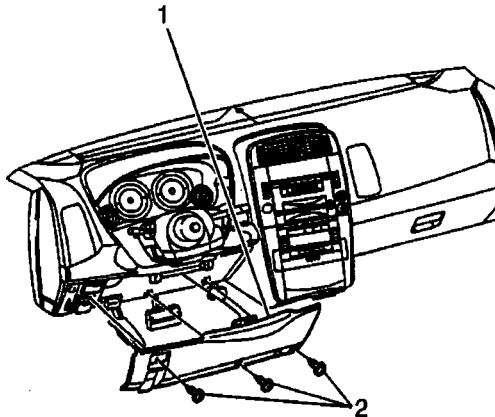
SRX – With Adjustable Pedals**Removal**

Notice: Handle the electronic throttle control components carefully. Use cleanliness in order to prevent damage. Do not drop the electronic throttle control components. Do not roughly handle the electronic throttle control components. Do not immerse the electronic throttle control components in cleaning solvents of any type.



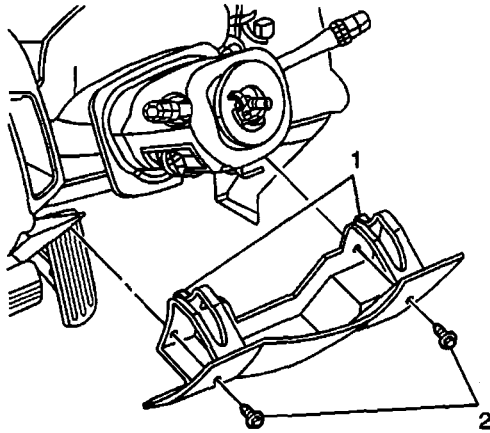
713951

1. Remove the screws (2) securing the closeout panel to the I/P.
2. Disconnect the courtesy lamp electrical connector (1).
3. Remove the closeout panel from the I/P.



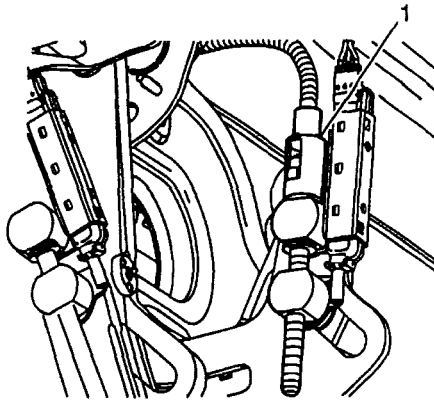
714046

4. Remove the screws (2) securing the knee bolster trim (1) to the knee bolster bracket.
5. Remove the knee bolster trim (1).



714033

6. Remove the screws (2) securing the knee bolster bracket to the I/P.
7. Remove the knee bolster bracket.
8. Remove the accelerator pedal assembly mounting nuts.
9. Remove the pedal assembly from the studs.
10. Disconnect the electrical connector from the electronic throttle control sensor.



1206242

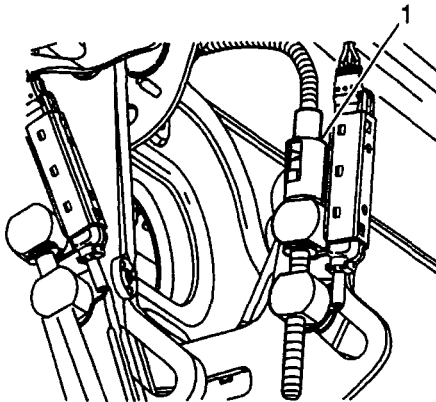
11. Disconnect the electrical connector from the linear position sensor. This connector is located between the brake pedal assembly and the steering column. Removal of the connector retainer from the bracket allows the connector to be gently pulled down and disconnected.
12. Carefully lift the retaining tabs on the end of the accelerator pedal cable (1) using 2 thin-bladed tools.
13. Disconnect the adjustable accelerator pedal cable (1) from the pedal assembly.
14. Remove the accelerator pedal assembly from the vehicle.

Installation

Important: Ensure that the adjustable accelerator pedal and adjustable brake pedal are synchronized in the full forward, front of vehicle position.

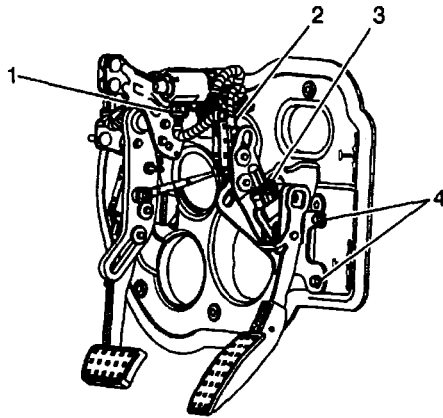
Important: During the synchronization procedure, do not exceed 0.5 N·m (4.43 lb in) of torque while adjusting the pedals with the use of the cable, or the square drive.

1. Synchronize the pedals to the full forward (front of vehicle) position.
2. Synchronize the brake pedal to the full forward position. Use the instrument panel switch, the Tech II, or manually move the brake pedal as follows:
 - a. Use an adjustable wrench on the accelerator pedal end of the accelerator pedal cable (1).
 - b. Slowly rotate the accelerator cable to move the brake pedal to the full forward, front of vehicle position.
 - c. Remove the wrench from the vehicle.
3. The new accelerator pedal assembly should already be synchronized to the full forward position. If the pedal is not synchronized, proceed as follows before installation:
 - a. Install a square drive tool into the accelerator pedal where the cable attaches.
 - b. Carefully rotate the tool to move the adjustable pedal to the full forward position.
 - c. Remove the square drive tool.



1206242

4. Connect the adjustable accelerator pedal cable (1) to the pedal assembly.
5. Ensure that the adjustable accelerator pedal cable retaining feature is locked in place by carefully pulling on the cable.
6. Connect the electrical connector to the linear position sensor. Be sure the connector retainer is reinstalled into the appropriate hole in the bracket.



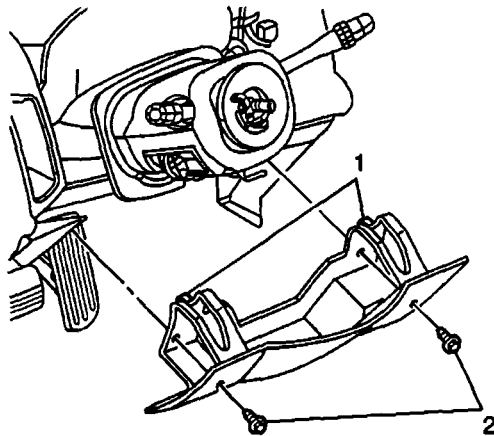
1206251

7. Connect the electrical connector to the electronic throttle control sensor (3).
8. Install the accelerator pedal assembly to the mounting studs.
9. Install the accelerator pedal assembly mounting nuts (4).

Tighten

Tighten the accelerator pedal assembly mounting nuts to 9 N·m (80 lb in).

10. Operate the accelerator pedal and observe the APP angles using a scan tool. The accelerator pedal should operate freely, without binding between closed throttle and wide open throttle.

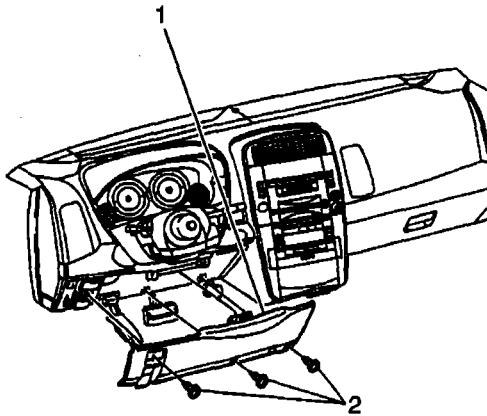


714033

11. Align the tabs (1) to the I/P carrier in order to install the knee bolster bracket.
12. Install the screws (2) securing the knee bolster bracket to the I/P.

Tighten

Tighten the fasteners to 9 N·m (80 lb in).

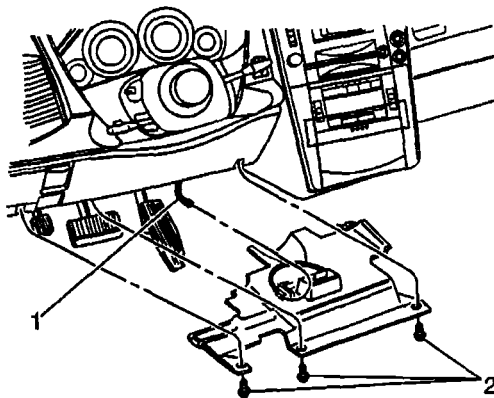


714046

13. Install the knee bolster trim (1).
14. Install the retaining screws (2).

Tighten

Tighten the fasteners to 2 N·m (18 lb in).



713951

15. Connect the courtesy lamp electrical connector (1).
16. Align the closeout panel on the I/P.
17. Install the closeout retaining fasteners (2).

Tighten

Tighten the fasteners to 2 N·m (18 lb in).

18. Install a scan tool.
19. Go to the Memory Seat Module, Special Functions Menu.
20. Using the scan tool Output Controls, operate the pedals to the full forward position.
21. Select the Adjustable Pedal Calibration and verify that the accelerator and brake pedal position sensors are within 23 counts of one another.
22. Start the calibration procedure and allow the memory seat module to operate the pedals to the rearward stop and return to the forward stop without activating any switch inputs.

COURTESY TRANSPORTATION

The General Motors Courtesy Transportation program is intended to minimize customer inconvenience when a vehicle requires a repair that is covered by the New Vehicle Limited Warranty. The availability of courtesy transportation to customers whose vehicles are within the warranty coverage period and involved in a product recall is very important in maintaining customer satisfaction. Dealers are to ensure that these customers understand that shuttle service or some other form of courtesy transportation is available and will be provided at no charge. Dealers should refer to the General Motors Service Policies and Procedures Manual for Courtesy Transportation guidelines.

CLAIM INFORMATION

Submit a Product Recall Claim with the information indicated below:

REPAIR PERFORMED	PART COUNT	PART NO.	PARTS ALLOW	CC-FC	LABOR OP	LABOR HOURS
Install Accelerator Pedal Asm.	1	---	*	MA-96	V1318	
- XLR						0.3
- Grand Prix						0.2
- SRX-With Adjustable Pedals						0.6
- SRX-Without Adjustable Pedals						0.3
Courtesy Transportation	N/A	N/A	N/A	MA-96	**	N/A

* The "Parts Allowance" should be the sum total of the current GMSPD Dealer net price plus applicable Mark-Up or Landed Cost Mark-Up (for IPC) for the accelerator pedal needed to complete the repair.

** Submit courtesy transportation using normal labor operations for courtesy transportation as indicated in the GM Service Policies and Procedures Manual.

Refer to the General Motors WINS Claims Processing Manual for details on Product Recall Claim Submission.

CUSTOMER NOTIFICATION – For US and CANADA

General Motors will notify customers of this recall on their vehicle (see copy of customer letter included with this bulletin).

CUSTOMER NOTIFICATION – For IPC

Letters will be sent to known owners of record located within areas covered by the US National Traffic and Motor Vehicle Safety Act. For owners outside these areas, dealers should notify customers using the attached sample letter.

DEALER RECALL RESPONSIBILITY – For US and IPC (US States, Territories, and Possessions)

The US National Traffic and Motor Vehicle Safety Act provides that each vehicle that is subject to a recall of this type must be adequately repaired within a reasonable time after the customer has tendered it for repair. A failure to repair within sixty days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the customer may be entitled to an identical or reasonably

equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation. To avoid having to provide these burdensome remedies, every effort must be made to promptly schedule an appointment with each customer and to repair their vehicle as soon as possible. In the recall notification letters, customers are told how to contact the US National Highway Traffic Safety Administration if the recall is not completed within a reasonable time.

This bulletin is notice to you that the new motor vehicles included in this recall may not comply with the standard identified above. Under Title 49, Section 30112 of the United States Code, it is illegal for a dealer to sell a new motor vehicle which the dealer knows does not comply with an applicable Federal Motor Vehicle Safety Standard. As a consequence, if you sell any of these motor vehicles without first performing the recall correction, your dealership may be subject to a civil penalty for each such sale.

DEALER RECALL RESPONSIBILITY - ALL

All unsold new vehicles in dealers' possession and subject to this recall must be held and inspected/repared per the service procedure of this recall bulletin before customers take possession of these vehicles.

Dealers are to service all vehicles subject to this recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward.

Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Recall follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this recall enters your vehicle inventory, or is in your dealership for service in the future, you must take the steps necessary to be sure the recall correction has been made before selling or releasing the vehicle.



March 2005

Dear General Motors Customer:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Reason For This Recall: General Motors has decided that certain 2004 model year Cadillac SRX and XLR, and Pontiac Grand Prix vehicles fail to conform to Federal/Canada Motor Vehicle Safety Standard 124, Accelerator Control Systems. If one of the two accelerator pedal return springs fails, and the temperature is -30° C to -40° C (-22° F to -40° F) for the Cadillac XLR and Pontiac Grand Prix, or -10° C to -40° C (14° F to -40° F) for the Cadillac SRX, the engine may not return to idle within three seconds as required. If this were to occur, greater brake pedal force and a longer distance may be required to stop the vehicle. If stopping distance is limited, a vehicle crash could occur.

What Will Be Done: Your dealer will replace the electronic control pedal assembly. This service will be performed for you at **no charge**.

How Long Will The Repair Take? This service correction will take approximately 15 to 40 minutes. However, due to service scheduling requirements, your dealer may need your vehicle for a longer period of time.

Contacting Your Dealer: To limit any possible inconvenience, we recommend that you contact your dealer as soon as possible to schedule an appointment for this repair. By scheduling an appointment, your dealer can ensure that the necessary parts will be available on your scheduled appointment date. Should your dealer be unable to schedule a service date within a reasonable time, you should contact the appropriate Customer Assistance Center at the listed number below. The Customer Assistance Center's hours of operation are from 8:00 AM to 11:00 PM, EST, Monday through Friday.

Division	Number	Text Telephones (TTY)
Cadillac	1-866-982-2339	1-800-833-2622
Pontiac	1-800-620-7668	1-800-833-7668
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

If, after contacting the appropriate Customer Assistance Center, you are still not satisfied that we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW, Washington, DC 20590 or call 1-888-327-4236.

Customer Reply Form: The enclosed customer reply form identifies your vehicle. Presentation of this form to your dealer will assist in making the necessary correction in the shortest possible time. If you no longer own this vehicle, please let us know by completing the form and mailing it back to us.

Courtesy Transportation: If your vehicle is within the New Vehicle Limited Warranty your dealer may provide you with shuttle service or some other form of courtesy transportation while your vehicle is at the dealership for this repair. Please refer to your Owner's Manual and your dealer for details on Courtesy Transportation.

Recall Information Online: Information about this recall (including answers to frequently asked questions) is available online at the Owner Center at My GMLink. This free online service offers vehicle and ownership related information and tools tailored to your specific vehicle. To join, visit www.mygmlink.com, and enter your vehicle's 17-character vehicle identification number (VIN) shown on the enclosed form to get the most personalized information for your vehicle.

We are sorry to cause you this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products.

General Motors Corporation

Enclosure
05018