



DAEWOO MOTOR AMERICA, INC.

1055 W. Victoria St., Compton, CA 90220 / Tel: (310) 223-5900 Fax: (310) 669-2000

July 12, 2004

Mr. Kenneth N. Weinstein
Associate Administrator for Safety Assurance
National Highway Traffic Safety Administration
400 Seventh Street, S.W., Room 5321
Washington, D.C. 20590

Dear Mr. Weinstein:

The following information is submitted in accordance with the defect reporting regulation in Title 49 of the Code of Federal Regulations, Part 573 – Defect and Non-compliance Responsibility and Reports.

Sincerely,

A handwritten signature in black ink, appearing to read "Ben Rainwater".

Ben Rainwater
Vice President
(310) 884-3332

Daewoo Motor America, Inc.
573 REPORT

MANUFACTURER: Daewoo Motor Company Limited (DWMC)

IMPORTER: Daewoo Motor America, Inc. (DMA)

IDENTIFICATION
OF MOTOR
VEHICLES
INVOLVED:

Certain 1998/1999/2000/2001/2002 model years Daewoo Lanos passenger cars produced in Korea from October 19, 1997 through November 13, 2001

Certain ~~1998~~/1999/2000/2001/2002 model years Daewoo Nubira passenger cars produced in Korea from November 11, 1997 through November 23, 2001

Certain 1998/1999/2000/2001/2002 model years Daewoo Leganza passenger cars produced in Korea from November 13, 1997 through November 27, 2001

NUMBER
OF AFFECTED
VEHICLES:

A total of 28,596 vehicles are believed to have suspect Camshaft Position Sensors:

- 284 vehicles installed with suspect sensors in the manufacturing plant.
- 11,312 vehicles installed with suspect sensors through normal warranty repairs ,and
- 15,000 vehicles installed with suspect sensors sold in retail outside warranty repair processes.

With respect to the 15,000 suspect sensors installed in the aftermarket, Daewoo has no information as to the identity of those customers. As a result, Daewoo plans to notify all owners of vehicles that could have been repaired with a suspect sensor, which is a population of approximately 173,300 vehicles. Daewoo plans to notify these owners of the need for an inspection of their vehicle, if they had repair work done that might have involved the sensor since October 2001.

**PERCENTAGE OF
MOTOR VEHICLES
ESTIMATED TO
CONTAIN THE
DEFECT:**

Daewoo does not know how many motor vehicles actually contain suspect sensors, so this campaign will include all vehicles known to have suspect sensors, or which could have received suspect sensors during a repair.

**DESCRIPTION
OF DEFECT:**

Due to a possible crack in the C2 capacitor attached to the Camshaft Position Sensor PC board, the Malfunction Indicator Lamp (MIL) may illuminate. Additionally, the Camshaft Position Sensor may melt resulting in a burning smell and visible smoke, which may subsequently lead to the melting of the camshaft cover and the camshaft position sensor wire harness, and potentially an engine compartment fire.

The suspect Camshaft Position Sensors were supplied for assembly and service repair by Delphi since October 2001.

**CHRONOLOGY
OF PRINCIPAL
EVENTS:**

Over the past several years, Daewoo has received claims of sensor failure, a small number of which have reportedly involved melting or other evidence of overheating or risk of fire. Daewoo has determined that it is appropriate to conduct a safety recall to replace these sensors.

Delphi started production of improved camshaft sensors (third generation) at its manufacturing facilities in Mexico on November 18, 2002.

GM Daewoo Auto & Technology started to apply the improved camshaft sensors in the production of vehicles on January 21, 2003 in Korea.

The number of reports with a field problem related to the suspect Camshaft Position Sensors are primarily related to the vehicles sold in Puerto Rico.

**DESCRIPTION
OF CORRECTIVE
ACTION:**

GM-Daewoo Auto & Technology, supported by administrative responsibilities from Daewoo Motor America will conduct a safety-related recall campaign to replace the suspect Camshaft Position Sensors and install an additional in-line 5A fuse in the vehicles known to be affected. An additional 173,352 vehicles will be inspected to determine if the vehicles are affected by this corrective action and corrected with the same remedial work if determined within the recall population.

**COPY OF
NOTICES:**

Copies of the notification letters and service bulletin to be sent to vehicles owners and dealer shops respectively are enclosed.

PLAN FOR

REIMBURSEMENT: Owners of Daewoo vehicles who had the suspect sensors repaired at their own expense within the past twelve months will be reimbursed for the cost of the repair, consistent with 49 C.F.R. 573.13. Daewoo will require owners claiming reimbursement to provide a receipt for the work performed, which must show the date on which the work was done, describe the work performed and identify the amount spent for the work. Daewoo will also require a statement from the owner that he or she owned the vehicle at the time the repair work was performed.

**DMA CAMPAIGN
NUMBER:**

RSB-001-04



DAEWOO MOTOR AMERICA, INC.

1055 W. Victoria St., Compton, CA 90220 / Tel: (310) 223-6900 Fax: (310) 669-2000

August, 2004

**Recall Campaign
Lanos, Nubira, Leganza**

DRAFT

Dear Dealer Principal, General Manager, Service Manager, Parts Manager:

In extremely rare instances, the Camshaft Position Sensor ("CMP") in certain Daewoo vehicles may have a crack in the C2 capacitor attached to the printed circuit board, making it possible for a high heat condition where the Camshaft Position Sensor and related wiring melts resulting in a burning smell and/or visible smoke and potentially an underhood fire. For this reason, we are announcing a voluntary recall of all potentially affected vehicles, effective August 16, 2004.

Affected Daewoo vehicles are grouped into two (2) categories as follows:

Group 1: Customers whose vehicles were produced with suspect CMP Sensors during vehicle assembly or serviced since October, 2001 because the instrument panel Check Engine Light was on as a warranty repair. All those vehicles must be inspected / repaired. These customers will receive a Type I letter explaining their vehicle will be inspected and the CMP Sensor will be replaced and the fuse will be installed in the CMP Sensor wiring.

The affected vehicles are:

- Lanos (VIN numbers 158465 to 715658)
- Nubira (VIN numbers 157058 to 778128)
- Leganza (VIN numbers 105594 to 332662)

Group 2: Customers whose vehicles were serviced since October, 2001 because the instrument panel Check Engine Light was on as a "customer pay" service. Here again, these customers will receive a Type II letter urging them to contact you for inspection/repair. Please inspect the CMP Sensor LOT Number. If the LOT Number is in the range of 1267 to 2321, you will replace the CMP Sensor and add a fuse into the CMP Sensor wiring. However, do not replace the CMP sensor if it is not within the specified range. The VIN List of effected vehicles serviced under warranty should be included in the following VIN ranges.

- Lanos (VIN* numbers 158465 to 715080)
- Nubira (VIN* numbers 157058 to 771572 and 998142 to 998146)
- Leganza (VIN* numbers 105594 to 331911)

*VIN= Vehicle Identification Number

Dealers are to service all vehicles subject to this recall campaign at no charge to customers beginning with your receipt of parts, regardless of mileage, age of vehicle or ownership. However, even though customers present their Daewoo vehicle to you with the customer letter or the enclosed Owner Reply Card, you should check the repair history of the vehicle and should check the Camshaft Position Sensor using the identification method described in the Recall Service Bulletin (RSB-001-04) to confirm that the vehicle is subject to this recall action.

A Recall Service Bulletin has been enclosed for your reference, which describes the process, in detail, for completing the Camshaft Position Sensor Inspection / Replacement. A copy of the Customer Notification Letter is also included for your reference.

Please use the enclosed customer notification to begin contacting your customers about this campaign as soon as parts have been received at your dealership.

Additionally, an initial supply of ten (10) Camshaft Position Sensors (7 Leganza/Nubira, and 3 Lanos) along with ten (10) In-Line Fuse Kits has been forwarded to you under separate cover, which will allow you to complete your first ten (10) vehicles. Additional Camshaft Position Sensors and In-Line Fuse Kits are available through the Daewoo Parts Distribution Center and should be ordered using normal parts ordering procedures.

The safety recall should be performed as described in the Recall Service Bulletin for all vehicles listed. Also, repaired vehicles should be properly identified as described in the Recall Service Bulletin. Please forward the names and last known addresses/contact information of all owners who are unreachable to DMA's Customer Relations Department immediately at (877) 362-1234 option 6.

IMPORTANT: It is imperative that all warranty claims be submitted in a timely manner, which will allow us to properly track and report the completion of this recall action. Timely claim submission will also ensure you receive prompt payment for all Camshaft Position Sensor Inspection / replacements that you perform.

If you have any questions regarding this procedure, please contact the Daewoo Technical Assistance Center toll free at (877) 362-1234, selection 1.

Thank you for your attention to this important matter and for sharing our goal of making every Daewoo customer's ownership experience the safest and most positive possible.

Sincerely,

Daewoo National Parts & Service Division



DAEWOO MOTOR AMERICA, INC.

1056 W. Victoria St., Compton, CA 90220 / Tel: (310) 223-5900 Fax: (310) 669-2000

August, 2004

(1)

DRAFT

Safety Recall Notice Lanos, Nubira, Leganza

Dear Lanos, Nubira, and Leganza Owner,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Daewoo has decided that a defect which relates to motor vehicle safety exists in certain Lanos, Nubira and Leganza model vehicles.

The problem is with the Camshaft Position (CMP) Sensor that is installed in your Daewoo vehicle. The CMP sensor sends a signal to the engine control module (ECM). The ECM uses this signal as "sync pulse" to trigger the fuel injectors in the proper sequence. In rare instances, due to a possible crack in the C2 capacitor attached to the Camshaft Position Sensor PC board, the Camshaft Position Sensor may malfunction, which will cause the Check Engine Warning Light in your instrument panel to illuminate. Additionally, the Camshaft Position Sensor and wiring may melt resulting in a burning smell and/or visible smoke and possibly an underhood fire.

The following Lanos, Nubira, and Leganza vehicles are included in this recall:

- Lanos (VIN* numbers 158465 to 715658)
 - Nubira (VIN* numbers 157058 to 778128)
 - Leganza (VIN* numbers 105594 to 332662)
- * VIN=Vehicle Identification Number

Because your safety is Daewoo's utmost priority, we urge you to have your vehicle repaired immediately. Your Daewoo dealer or Authorized Service Center (ASC) will replace the Camshaft Position Sensor and add an in-line fuse to the Camshaft Position Sensor wiring.

This service will be performed for you at no charge and should take about one hour. Thus, to minimize waiting time, you are advised to make an appointment with your Daewoo dealer or Authorized Service Center (ASC), in advance. If, however, you take your vehicle to your Daewoo dealer or Authorized Service Center (ASC) on the scheduled service date and you have a problem with obtaining the corrective service on that date, please contact the Daewoo Customer Assistance Center toll-free at (877) 362-1234, option 6. A Daewoo representative will assist you with arranging prompt service for your vehicle.

The enclosed Owner Reply Card identifies your vehicle. Presenting the card at the time of your service will assist your Daewoo Dealer in completing this procedure in the shortest time possible. If you have sold or traded your vehicle, please let us know by completing the enclosed postage-paid reply card and returning it to us.

If you incurred expenditures to repair the defect identified in this letter within the past twelve months, Daewoo will reimburse you for your reasonable expenses, which include our suggested retail cost for related parts and reasonable labor time / amount for the labor that was performed. To claim your reimbursement, send a copy of your receipt for the work performed on your vehicle. Your receipt must identify the date on which the work was performed, describe the work in enough detail to show that it was done to address the defect identified in this letter, and show the amount of the charges for the work. Send your claim to Daewoo Motor America, 1055 W. Victoria St., Compton, CA 90220, Attention: Daewoo Customer Relations Department. You must include a letter affirming that you were the owner of the vehicle at the time the repair was made, and identifying where the reimbursement check should be sent.

If you are the owner of the subject vehicle, but have leased it to another person, you are required by federal law to forward a copy of this notice to your lessee by first class mail within ten days of your receipt of this letter. See 49 C.F.R. 577.7(a)(2)(iv).

If you believe that Daewoo has failed or is unable to remedy the defect described in this letter without charge within a reasonable time, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, D.C. 20590 or call the toll-free Auto Safety Hotline at 800-424-9393 (Washington D.C. area residents may call 202-366-0123).

We apologize for any inconvenience this may cause you. We have taken this initiative in the interest of your safety and continued satisfaction.

Sincerely,

Daewoo Customer Relations Department



DAEWOO MOTOR AMERICA, INC.

1055 W. Victoria St., Compton, CA 90220 / Tel: (310) 223-5900 Fax: (310) 669-2000

August 16, 2004

(II)

DRAFT

**Safety Recall Notice
Lanos, Nubira, Leganza**

Dear Lanos, Nubira, and Leganza Owner,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Daewoo has decided that a defect which relates to motor vehicle safety exists in certain Lanos, Nubira and Leganza model vehicles.

The problem is with the Camshaft Position (CMP) Sensor that may be installed in your Daewoo vehicle. The CMP sensor sends a signal to the engine control module (ECM). The ECM uses this signal as "sync pulse" to trigger the fuel injectors in the proper sequence. In rare instances, due to a possible crack in the C2 capacitor attached to the CMP Sensor PC Board, the CMP Sensor may malfunction, which will cause the Check Engine Warning Light in your instrument panel to illuminate. Additionally, the Camshaft Position Sensor and wiring may melt resulting in a burning smell and/or visible smoke and possibly an underhood fire.

If you have taken your Daewoo in for service since October, 2001 when the CMP Sensor was used in vehicle production, because the instrument panel Check Engine Warning Light was on, you should immediately contact your Daewoo Dealer or Authorized Service Center (ASC) for replacement of the Camshaft Position Sensor. Additionally, if you are not the first owner of your Daewoo vehicle and/or are not sure if you have received service/repair for an illuminated Check Engine Light, you should also immediately contact your Daewoo Dealer or Authorized Service Center (ASC) to determine if your vehicle is effected by this recall.

Additionally, the following VIN* ranges are indicative of Daewoo vehicles needing inspection/repair.

- Lanos (VIN* numbers: 158465 to 715060)
- Nubira (VIN* numbers: 157058 to 778128, 998142 to 998146)
- Leganza (VIN* numbers: 105594 to 331911)

*VIN=Vehicle Identification Number

If it is determined your vehicle is affected by this recall and you incurred expenditures to repair the defect explained in the third paragraph above within the past twelve months, Daewoo will reimburse you for your reasonable expenses, which include our suggested retail cost for related parts and reasonable labor time / amount for the labor that was performed. To claim your reimbursement, send a copy of your receipt for the work

performed on your vehicle. Your receipt must identify the date on which the work was performed, describe the work in enough detail to show that it was done to address the defect identified in this letter, and show the amount of the charges for the work. Send your claim to Daewoo Motor America, 1055 W. Victoria St., Compton, CA 90220, Attention: Daewoo Customer Relations Department. You must include a letter affirming that you were the owner of the vehicle at the time the repair was made, and identifying where the reimbursement check should be sent.

If you are the owner of the subject vehicle, but have leased it to another person, you are required by federal law to forward a copy of this notice to your lessee by first class mail within ten days of your receipt of this letter. See 49 C.F.R. 577.7(a)(2)(iv).

If you believe that Daewoo has failed or is unable to remedy the defect described in this letter without charge within a reasonable time, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, D.C. 20590 or call the toll-free Auto Safety Hotline at 800-424-9393 (Washington D.C. area residents may call 202-366-0123).

Because your safety is Daewoo's utmost priority, we urge you to have your vehicle inspected and repaired immediately. Your Daewoo dealer or Authorized Service Center (ASC) will inspect your vehicle and determine if it is involved in this recall. If your Daewoo is involved in this recall, your dealer will replace the Camshaft Position Sensor and add an in-line fuse to the Camshaft Position Sensor wiring.

This service will be performed for you at no charge and should take about one hour. Thus, to minimize waiting time, you are advised to make an appointment with your Daewoo dealer or Authorized Service Center (ASC), in advance. If, however, you take your vehicle to your Daewoo dealer or Authorized Service Center (ASC) on the scheduled service date and you have a problem with obtaining the corrective service on that date, please contact the Daewoo Customer Assistance Center toll-free at (877) 362-1234, option 6. A Daewoo representative will assist you with arranging prompt service for your vehicle.

The enclosed Owner Reply Card identifies your vehicle. Presenting the card at the time of your service will assist your Daewoo Dealer in completing this procedure in the shortest time possible. If you have sold or traded your vehicle, please let us know by completing the enclosed postage-paid reply card and returning it to us.

We apologize for any inconvenience this may cause you. We have taken this initiative in the interest of your safety and continued satisfaction.

Sincerely,

Daewoo Customer Relations Department



RECALL SERVICE BULLETIN

| | | | |
|-----------------|------------------------|----------|--------------------------|
| Bulletin No. | RSB-001-04 | Subject | Camshaft Position Sensor |
| Affected Models | Lanos, Nubira, Leganza | Campaign | |
| Effective Date | August 16, 2004 | OSB No. | OSB04-1F-035 |
| VIN Range | N/A | Notes | N/A |

DRAFT

GM-Daewoo Auto & Technology (GM-DAT) has determined that a defect related to motor vehicle safety exists in certain Lanos, Nubira and Leganza models. In extremely rare instances, the Camshaft Position Sensor in certain Daewoo vehicles may experience a crack in the C2 capacitor attached to the printed circuit board, causing the MIL to illuminate and, in some instances the Camshaft Position Sensor and related wiring may melt resulting in a burning smell and / or visible smoke and potentially an engine compartment fire.

To eliminate the possibility of this occurring, GM-DAT is implementing a recall action where Daewoo Dealers and Authorized Service Centers (ASC) will inspect / replace the Camshaft Position Sensor as required in this Recall Service Bulletin.

All affected vehicles in a Daewoo Dealer's possession (which includes Dealer Inventory and vehicles in for service) that are subject to this campaign, must be held and repaired per the service procedure provided in this campaign bulletin before the vehicles are sold/delivered or returned to a service customer.

Daewoo Dealers are to provide this service to all customer owned (fleet and retail) vehicles subject to this campaign at "No Charge" to the owners, regardless of mileage, age of vehicle, ownership, or original purchase/delivery location from this time forward.

Note: Dealers should verify whether a particular vehicle has had the recall campaign completed previously by performing a "Campaign Inquiry" in the Daewoo Data-Link System (DDS).

Current affected Daewoo owners will be notified in writing and will be calling to schedule an appointment to have this inspection / replacement performed to their vehicle.

In summary, all Daewoo vehicles effected by this campaign that are in your vehicle inventory, or that are in your Dealership for service in the future, must receive this campaign modification before being sold or prior to returning the vehicle to the customer after service.

| | | | |
|--|--|--|--|
| <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Service Manager | <input checked="" type="checkbox"/> Technician(s) <input checked="" type="checkbox"/> Service Advisor | <input checked="" type="checkbox"/> Body Shop Manager <input checked="" type="checkbox"/> Parts Manager | <input type="checkbox"/> <input type="checkbox"/> |
|--|--|--|--|

Camshaft Position Sensor Inspection (all models):

1. Remove the Camshaft Position Sensor (CMP). Refer to Service Manual, Section 1F, Engine Controls.
2. Inspect the CMP Sensors Lot Number (1267-2321) to determine if CMP Sensor is involved in this recall.
3. If CMP Sensor is **NOT** in the Lot Number Range, reinstall CMP Sensor, and go to steps 28 and 29 on Page 7.
4. If CMP Sensor is within the Lot Number Range, replace the CMP Sensor, and continue to In-Line Fuse Holder Installation Procedures.

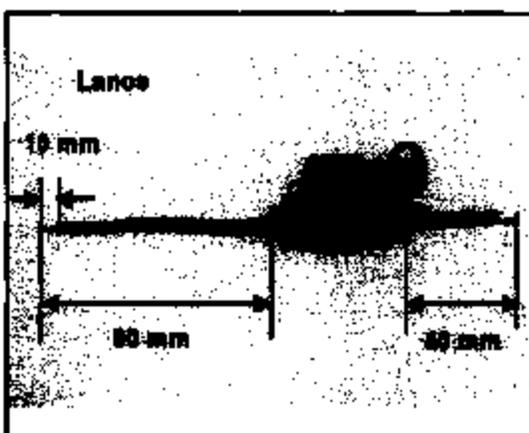
Lanos - Page 2

Nubira / Leganza - Page 5

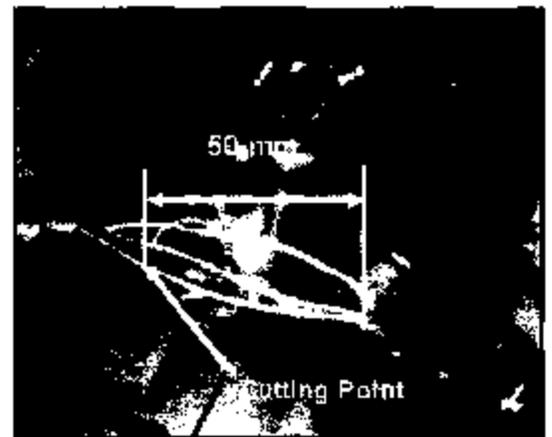
* The effected Lot No. Range:
1267 to 2321

**In-line Fuse Holder Installation Procedures (Lanos Only)**

1. Insert 5A fuse (P/N 96234926) into In-line fuse holder (P/N 96418901) and install the fuse cover.
2. Cut In-line fuse holder wires to length shown in illustration (80 mm on one side, 40 mm on the other side).
3. Strip back wire insulation approximately 10mm on both sides of fuse holder.



4. Disconnect CMP Sensor Wiring Harness from the CMP Sensor.
5. Cut the number three (3) terminal (pink wire) 50mm from the CMP connector.
6. Strip back 3mm or less of wiring insulation on both ends of the cut wire.

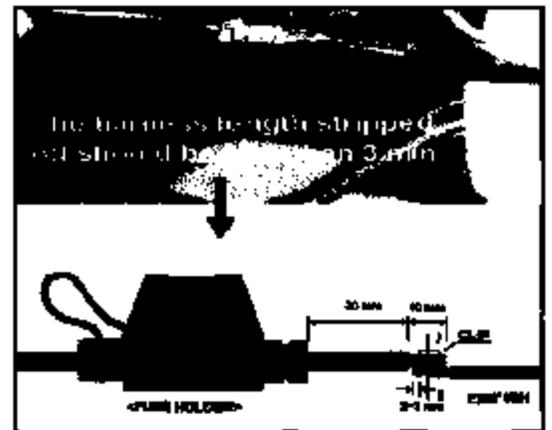


7. Slide shrink tube (P/N 98418909) over cut pink wire.
8. Overlap the fuse holder wire & pink wire.
9. Position splice clip (P/N 98418908) on overlapped wires.
10. Crimp both wires together using specific crimping tool.



Note:

The exposed wire length must be less than 3 mm on either side of the crimp as shown in illustration.



Note:

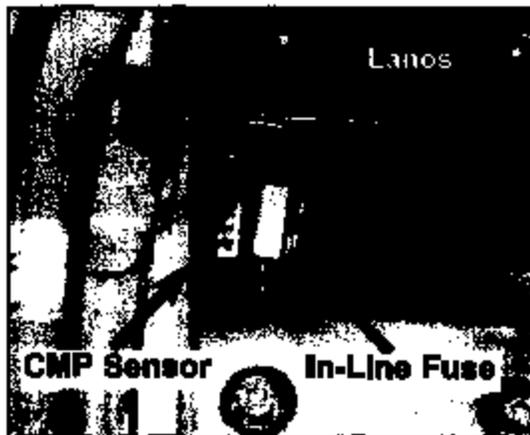
Tug on wires to confirm secure wire connection.



11. Position the shrink tube over the crimped wires.
12. Using a suitable heat gun, apply heat to melt the shrink tube over the crimped wires.
13. Repeat steps 7-12 for the remaining wire.
14. Wrap black electrical tape over wiring harness from the Engine Harness to the CMP Connector.



15. Re-Connect CMP Sensor Wiring Harness Connector to CMP Sensor.
16. Position the In-Line fuse behind the CMP Sensor (cylinder head side).



Note:

Ensure that the Engine Harness is properly routed in the Lower Camshaft Cover.

17. Reinstall Upper Camshaft Cover then tighten the four (4) bolts.

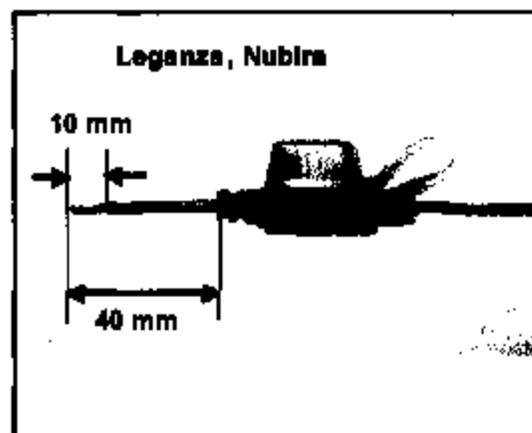


18. Re-Connect the Negative Battery Cable.
19. Start Engine.
20. Input the Audio Security Code.
21. Start the Engine.
22. Go to steps 30 and 31 on Page 7.



In-line Fuse Holder Installation Procedures (Nubira / Leganza)

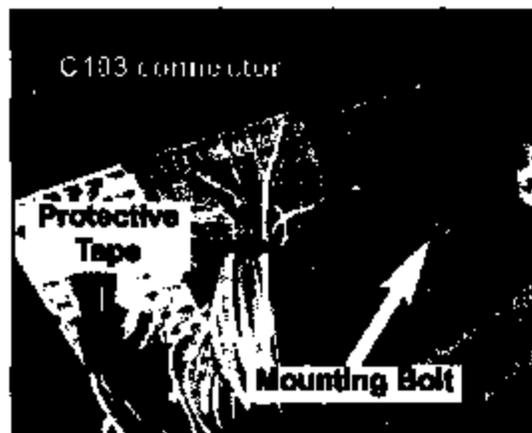
1. Insert 5A fuse (P/N 96234926) into fuse holder (P/N 96418901).
2. Cut 40mm off both sides of the fuse holder.
3. Strip back wire insulation approximately 10mm on both sides of fuse holder.
4. Disconnect Negative Battery Cable.



5. Remove three (3) Engine Fuse Box Mounting Bolts / Nuts.
6. Remove the Engine Fuse Box Assembly from the Fuse Box Lower Cover.



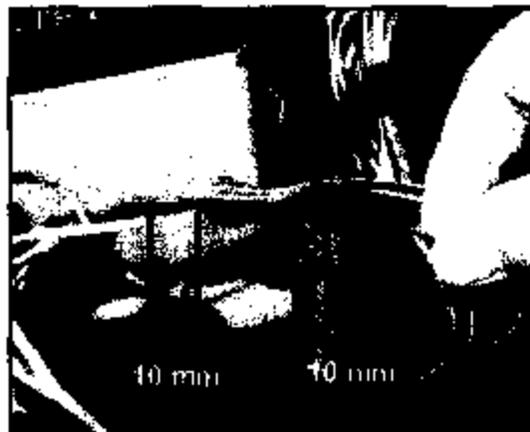
7. Remove Connector C103 mounting bolt.
8. Disconnect C103 from the Engine Fuse Box.
9. Remove wire harness protective tape.



10. To make space to splice in the In-Line Fuse Holder, remove a 40mm section of wire from the correct C103 terminal (see application below) 50 mm from the connector end.
 - a. Leganza: F9 Pink / Blue Wire
 - b. 1998-2001 Nubira: F9 Pink Wire
 - c. 2002 Nubira (LEV): D4 Pink Wire
 - d. 2002 Nubira (ULEV): D3 Pink / Black Wire



11. Strip back 10mm or less of wiring insulation on both ends of the cut wire.
12. Slide shrink tub onto one side of the cut wire at C103 connector.



13. Overlap the in-line fuse holder wire and the cut C103 wire.
14. Position the splice clip on the overlapped wires.
15. Crimp both wires together using specific crimping tool.



16. Position the shrink tub over the crimped wires.
17. Using suitable heat gun, apply heat to melt the shrink tub over the crimped wires.
18. Repeat steps 12-17 for the remaining wire.



19. Fold the excess wire to prevent the wire harness from drooping as shown, then wrap black electrical tape over wiring harness.



20. Re-Connect the C103 connector Into the Engine Fuse Box.
21. Re-Install and tighten the C103 mounting bolt.
22. Re-Position the wiring harness in the Lower Fuse Box Cover, then reinstall the Engine Fuse Box Assembly onto the Lower Cover.



23. Re-Install and tighten two (2) Engine Fuse Box Mounting Bolts.
24. Reconnect the Negative Battery Cable.
25. Start the Engine.
26. Input the Audio Security Code.
27. Turn off the Engine.



28. Using a suitable Center Punch, carefully punch a small mark approximately ¼ inch below the 10th digit of the Vehicle Identification Number (VIN) located in the center area of the bulkhead.

Caution:

Please ensure that you do not damage, deface or, in any way, alter the VIN stamped into the bulkhead.

29. Close the Hood and ensure that it is properly secure.



Parts Information:

| <u>Part Name</u> | <u>Part Number</u> | <u>Qty. Req'd</u> |
|--------------------------|---------------------------|-------------------|
| Sensor A-CM/SHF Position | 10456506 (Nubira/Leganza) | 1 |
| Sensor A-CM/SHF Position | 10456508 (Lanos) | 1 |
| Fuse Kit-CMP Sensor | 93742507 | 1 |

Warranty Claim Information:

| <u>Operation Code</u> | <u>Operation Description</u> | <u>Labor Time</u> |
|-----------------------|---------------------------------------|-------------------|
| R413015 | Camshaft Sensor Inspection-Only | 0.6 hr / veh. |
| R413016 | Replace CMP Sensor & Add In-Line Fuse | 0.9 hr / veh. |

Claim Type: 51 - In-Service Vehicles
53 - Stock Vehicles

Campaign Number:

Nature Code: N65

Cause Code: R17

Causal Part Number: 10456506, 10456508

Part Type: N (Normal)

VIN Range: See Information Provided Below

Inspection:

Lanos (VIN numbers 158465 to 715658)

Nubira (VIN numbers 157058 to 778128)

Leganza (VIN numbers 105594 to 332662)

Replacement:

Lanos (VIN numbers 158465 to 715060)

Nubira (VIN numbers 157058 to 778128, 998142 to 998146)

Leganza (VIN numbers 105594 to 331911)

If additional information is needed regarding this procedure, please contact the Daewoo Technical Assistance Center toll free at (877) 362-1234, selection 1.