



PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001

**SAFETY
RECALL**

Sr05-07



DATE : March 2005	SECTION : 14
SUBJECT : INSPECTION & REPLACEMENT OF POWER STEERING PRESSURE HOSE	

APPLICATION

Model	VIN
XLII-45 Entertainer Model Year : 2001 – 2005	From 2PCY3349311027428 up to 2PCY3349X51028369 incl.
XLII-45 Coaches Model Year : 2001 – 2005	From 2PCX3349911027493 up to 2PCX3349851028513 incl.
H3-41 & H3-45 Coaches Model Year : 2002 – 2005	From 2PCH3349821014403 up to 2PCH3349X51010094 incl.
H3-45 VIP Entertainer Model Year : 2002 – 2004	2PCV3349131014442 – 2PCV3349431014449 – 2PCV3349431014452 2PCV3349131014456 – 2PCV3349531014458 – 2PCV3349331014460 2PCV3349931014463 – 2PCV3349231014465 – 2PCV3349231014479 2PCV3349031014481 – 2PCV3349631014484 – 2PCV3349X31014486 2PCV3349331014491 – 2PCV3349431014497 – 2PCV3349631014503 2PCV3349X31014505 – 2PCV3349X31014519 – 2PCV3349031014531 2PCV3349831014535 – 2PCV3349331014541 – 2PCV3349031014545 2PCV3349331014555 – 2PCV3349031014559 – 2PCV3349231014563 2PCV3349631014565 – 2PCV3349331014572 – 2PCV3349831014583 2PCV3349031014593 – 2PCV3349131014604 – 2PCV3349831014616 2PCV3349031014643 – 2PCV3349231014644 – 2PCV3349131014683 2PCV3349031014688 – 2PCV3349031014691 – 2PCV3349831014695 2PCV3349731014719 – 2PCV3349731014722 – 2PCV3349631014727 2PCV3349231014742 – 2PCV3349431014743 – 2PCV3349X31014746 2PCV3349531014749 – 2PCV3349331014751 – 2PCV3349441014758 2PCV3349541014767 – 2PCV3349041014787 – 2PCV3349441014789 2PCV3349841014794 – 2PCV3349741014804 – 2PCV3349041014806 2PCV3349241014807 – 2PCV3349641014809 – 2PCV3349041014823 2PCV3349141014829

This Safety Recall does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this recall will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.

DESCRIPTION

It has come to the attention of Prevost Car Inc. that on the previously mentioned vehicles, premature power steering hose wear located in the engine compartment, baggage compartments and in the front service compartment might occur and thus in the long term cause power steering break down. Inspect the hoses mentioned below and replace them if there is evidence of wear.

PART A – HOSE INSPECTION

PROCEDURE

⚠ WARNING ⚠

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Open the front electrical and service compartment; inspect the power steering pressure hose in order to detect any signs of wear.
2. Open the baggage compartment door(s). Inspect the power steering pressure hose in order to detect any signs of wear.
3. Open the engine compartment door(s). Inspect the power steering pressure hose in order to detect any signs of wear. Mainly inspect the hose near the pump and near the starter motor cable assembly.
4. If no signs of wear are detected, close the door(s), the inspection is finished.
5. If premature power steering hose wear is detected, proceed with part b.

PART B – HOSE REPLACEMENT

MATERIAL

Part No.	Description	Qty
161027	Hose, Replacement, XLII Rear Section, XLII-45 Entertainer	1
161137	Hose, Replacement, XLII Rear Section, XLII-45 Coaches	1
161197	Kit, Hose Replacement, XLII Front Section	1
161136	Hose, Entire, Replacement, (9195 mm) XLII-45 Coaches & Entertainer	1
161198	Kit, Hose Replacement, H3 Front Section	1
161199	Kit, Hose Replacement, H3 Rear Section	1
161164	Hose, Entire, Replacement, (14550 mm) H3	1

NOTE

Material can be obtained through regular channels.

H3 SERIES VEHICLES PROCEDURE

BAGGAGE COMPARTMENTS

1. Fix pressure hose to supports using nylon ties (Refer to figure 1).

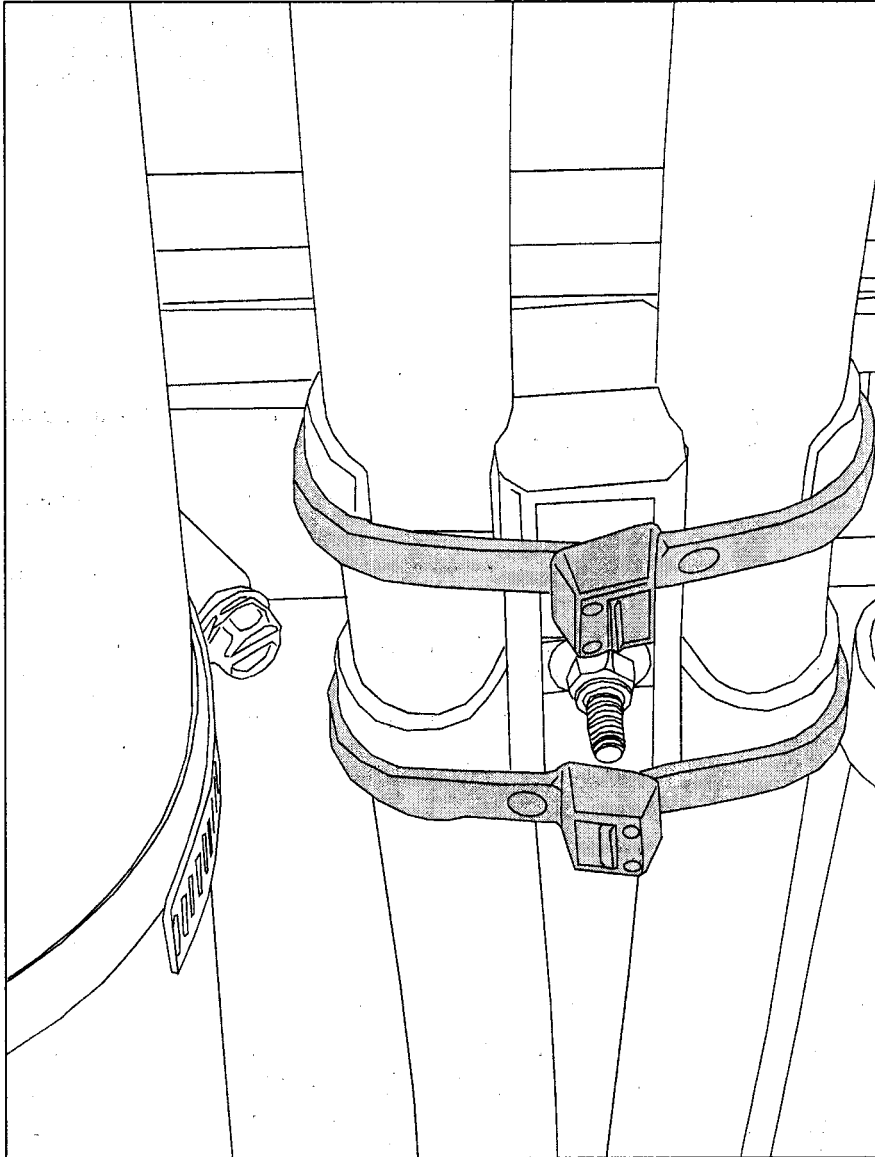


FIGURE 1: INSTALLATION OF NYLON TIES (TYPICAL)

2. If the pressure hose oozes with oil or premature hose wear has reached the wire reinforcement, replace the entire power steering pressure hose (161164).

FRONT SECTION

1. Put a container into place below the power steering gear, and then disconnect the pressure hose from the power steering gear. Cover fittings to prevent fluid contamination.
2. Measure the new hose length (161196) supplied in kit #161198. Cut and remove the corresponding length of hose from the installed hose.
3. Install the male connector (501456) to the end of the cut hose.
4. Install the new hose between the male connector and the power steering gear.
5. Bleed air from the system as indicated in section 14 of Maintenance Manual.

REAR SECTION

1. Open the engine compartment door then put a container into place below the power steering pump, and then disconnect the pressure hose from the power steering pump. Cover fittings to prevent fluid contamination.
2. Measure the new hose length (161194) supplied in kit #161199. Cut and remove the corresponding length of hose from the installed hose.
3. Install the male connector (501456) to the end of the cut hose.
4. Install the new hose between the male connector and the power steering pump.
5. Bleed air from the system as indicated in section 14 of Maintenance Manual.

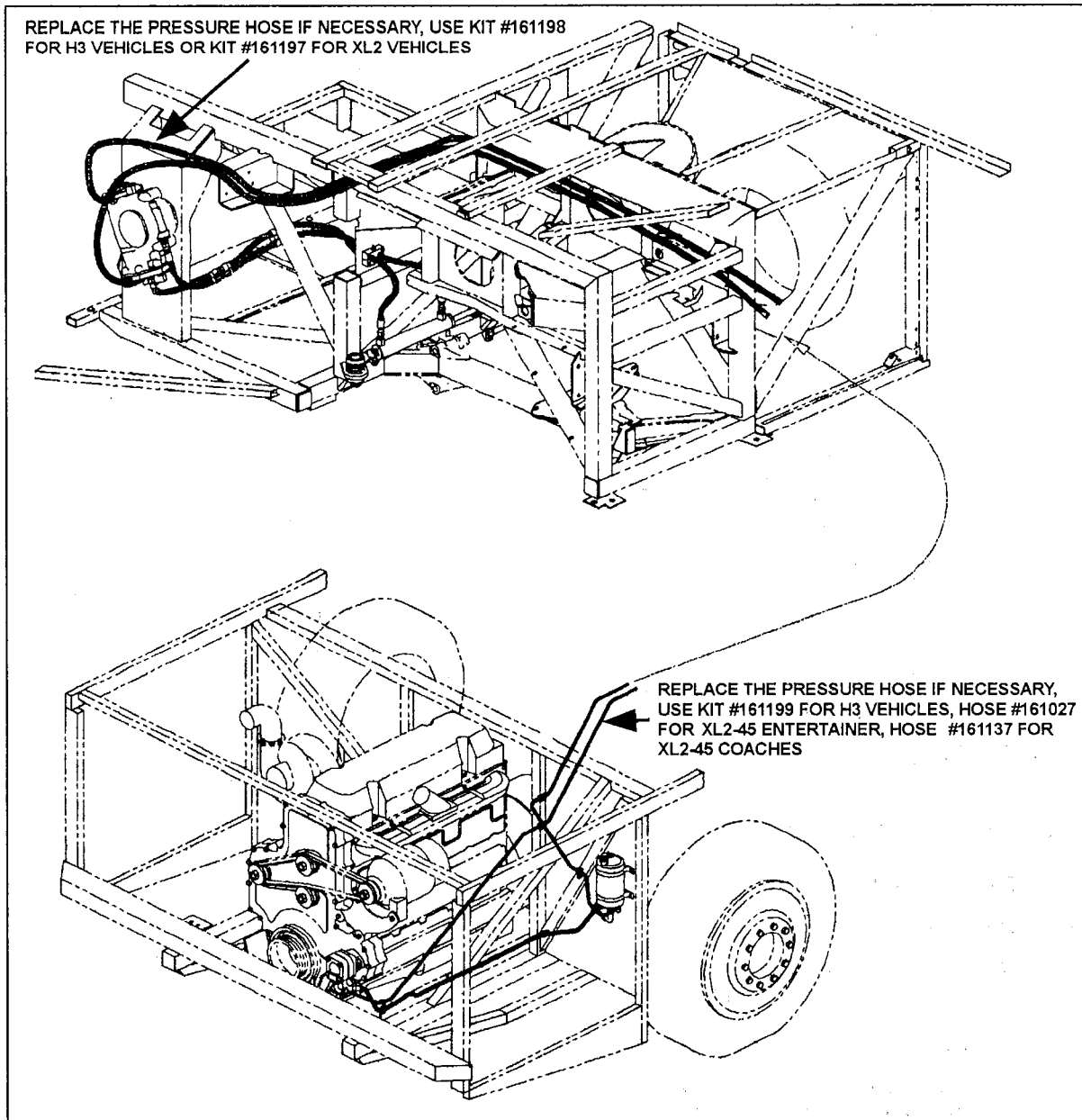


FIGURE 2: H3 OR XLII VEHICLES

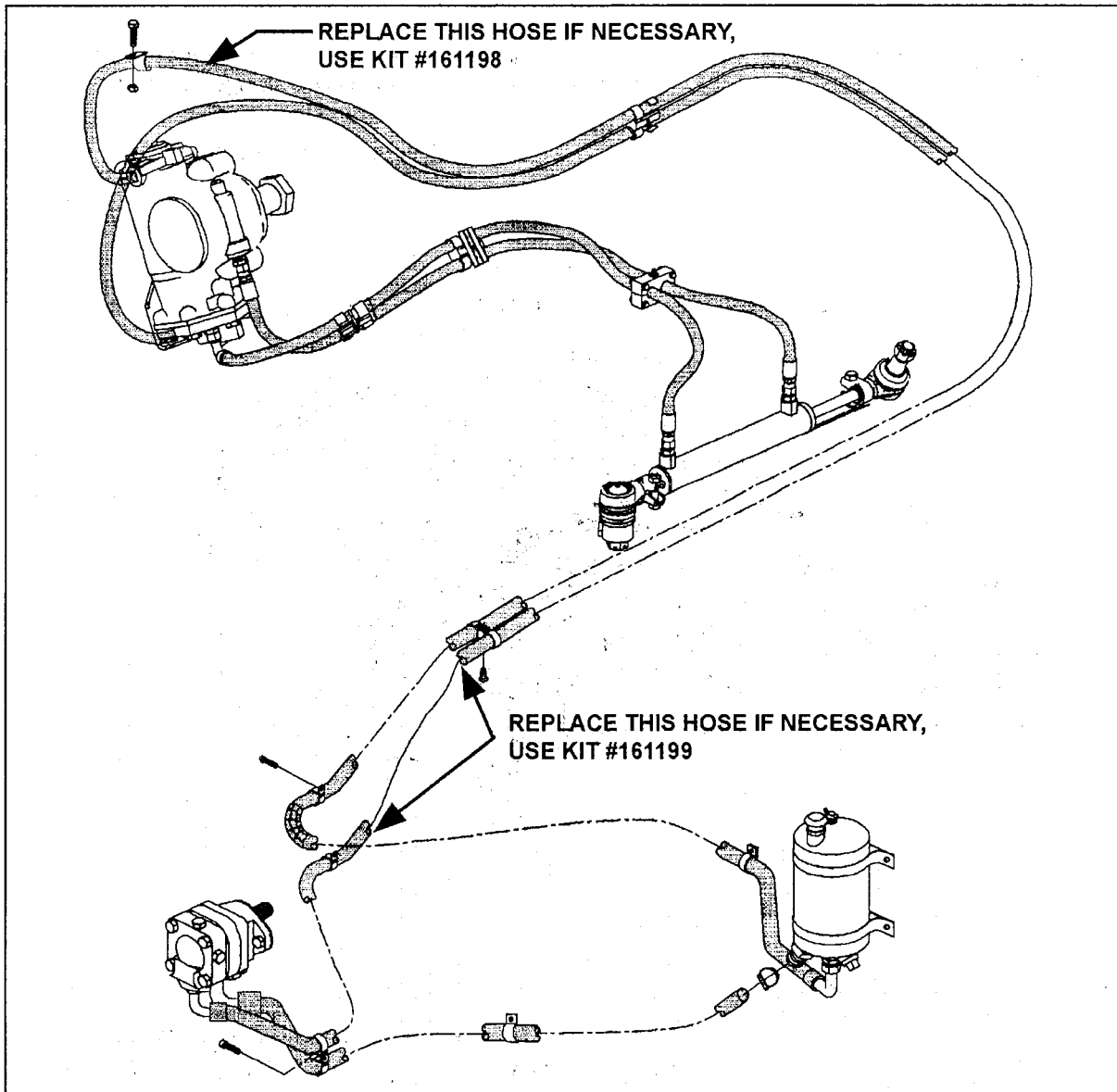


FIGURE 3: H3 VEHICLES

XLII SERIES VEHICLES PROCEDURE

BAGGAGE COMPARTMENTS

1. Fix pressure hose to supports using nylon ties (Refer to figure 1).
2. If the pressure hose oozes with oil or premature hose wear has reached the wire reinforcement, replace the entire power steering pressure hose (161136).

FRONT SECTION

1. Put a container into place below the power steering gear, and then disconnect the pressure hose from the power steering gear. Cover fittings to prevent fluid contamination.

2. Measure the new hose length (161195) supplied in kit #161197. Cut and remove the corresponding length of hose from the installed hose.
3. Install the male connector (501456) to the end of the cut hose.
4. Install the new hose between the male connector and the power steering gear.
5. Bleed air from the system as indicated in section 14 of Maintenance Manual.

REAR SECTION

1. Open the engine compartment doors then put a container into place below the power steering pump.
2. Disconnect the pressure hose located between the power steering pump and the bulkhead connector. Cover fittings to prevent fluid contamination.
3. Install the new hose (161027 or 161137) between the bulkhead connector and the power steering pump.
4. Bleed air from the system as indicated in section 14 of Maintenance Manual.

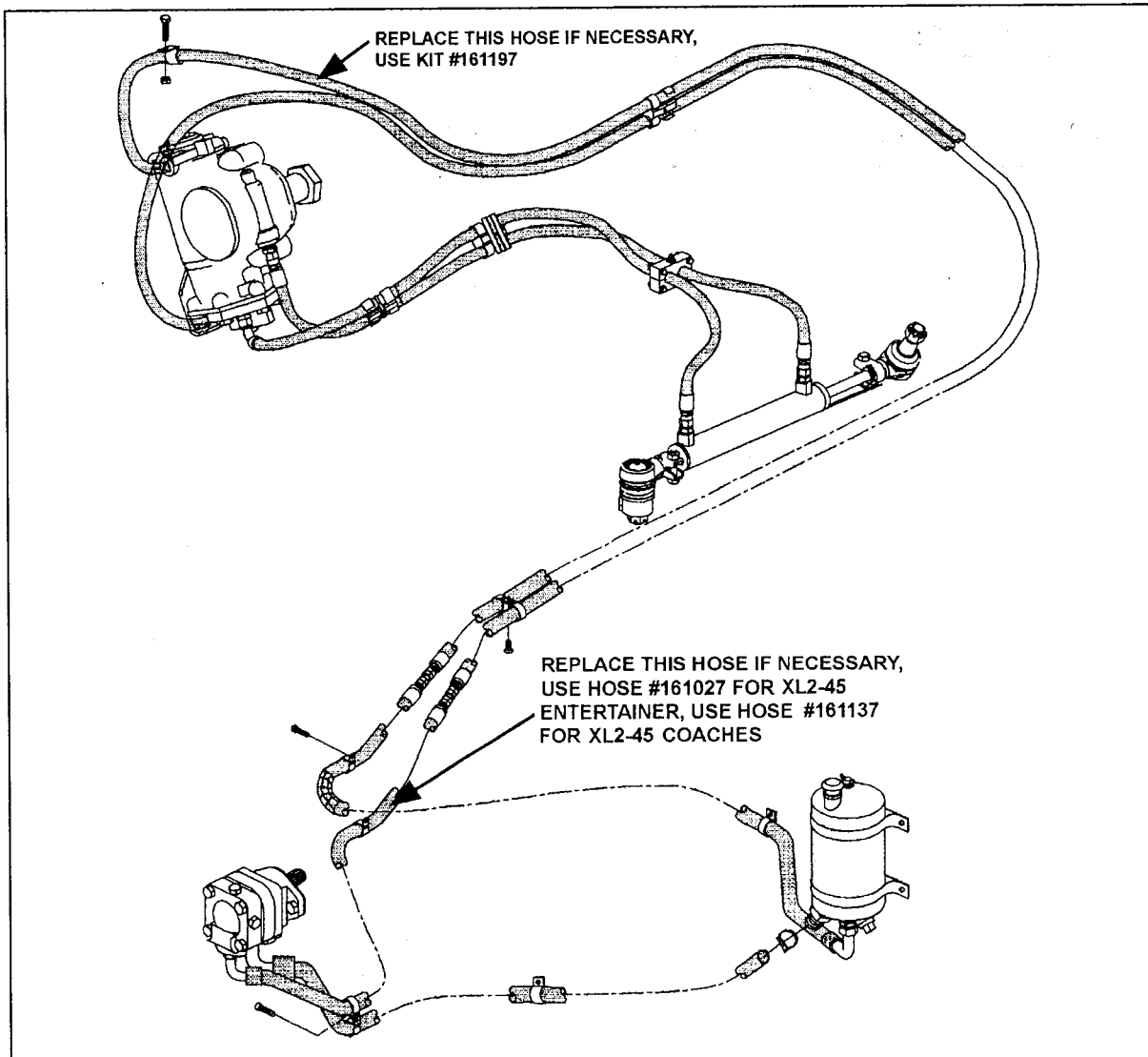


FIGURE 4: XLII VEHICLES

WARRANTY

This modification is covered by Prevost Car's normal warranty.

PART A – HOSE INSPECTION

We will reimburse you one quarter hour (0.25) of labor for performing the inspection.

PART B – HOSE REPLACEMENT

We will reimburse you the parts and **two hours (2.0) of labor per replaced hose** upon receipt of the replaced parts and a completed A.F.A. form on which you must specify as per "Safety Recall 05-07". **You also have to fill the "Safety Recall Certification Sheet" provided with this bulletin and return it with your A.F.A. form to be reimbursed.**

We will reimburse you the parts and **four hours (4.0) of labor for the replacement of the entire hose** upon receipt of the replaced parts and a completed A.F.A. form on which you must specify as per "Safety Recall 05-07". **You also have to fill the "Safety Recall Certification Sheet" provided with this bulletin and return it with your A.F.A. form to be reimbursed.**

Parts / Waste disposal:

Return replaced parts to Prevost Car with A.F.A. for full reimbursement.

Reimbursement is subject to parts inspection by Prevost Car.



PREVOST

**Safety Recall
Certification Sheet
(Ref: Sr05-07)**

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001



SERIAL NUMBER: _____

PERFORMED BY		OWNER/OPERATOR	
We hereby certify that Safety Recall Instructions with regard to Safety Recall #05-07 have been performed.			
Name: _____		Name: _____	
Addr: _____		Addr: _____	
Phone: _____		Phone: _____	
Fax: _____		Fax: _____	
Signature : _____	_____	Signature : _____	_____
Date: _____	_____	Date: _____	_____

If the information mentioned above is incorrect or you are not the owner of this vehicle anymore, please fill this section and return to sender.

NEW OWNER: _____

BUSINESS: _____

ADDRESS (including County): _____

TELEPHONE: _____ **FAX:** _____

**Please return this completed document with your
A.F.A. form**

**GM SERVICE AND PARTS OPERATIONS
DCS1388
URGENT - DISTRIBUTE IMMEDIATELY**

DATE: April 20, 2005
SUBJECT: 05038/Product Safety Recall
Brake Pedal Pushrod Retainer
MODELS: 2005 Buick Allure, LaCrosse
TO: All Buick Dealers
ATTENTION: Service Manager, Parts Manager and
Warranty Administrator

PRODUCT FIELD ACTION ANNOUNCEMENT

General Motors is announcing Product Safety Recall 05038 today. The total number of vehicles involved is 69,037. Please see the attached bulletin for details.

Mailing Information

Customer notification letter mailing will begin on April 26, 2005.

GM Vehicle Inquiry System (GMVIS)

GMVIS information will be available on April 21, 2005.

Service Information System (SI)

Bulletin 05038 is scheduled to be available in SI on April 21, 2005.

Campaign Initiation Detail Report (CIDR)

The CIDR will be available in GM DealerWorld on April 20, 2005.

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

(See attached file: 05038 bulletin.pdf)

END OF MESSAGE
GM SERVICE AND PARTS OPERATIONS



Recall Bulletin



PRODUCT SAFETY RECALL

SUBJECT: BRAKE PEDAL PUSHROD RETAINER

MODELS: 2005 BUICK ALLURE, LACROSSE

CONDITION

General Motors has decided that a defect, which relates to motor vehicle safety, exists in **certain** 2005 Buick Allure and LaCrosse vehicles. The clip that secures the brake pushrod to the brake pedal arm pin could have been bent when it was installed. A bent clip may come off, allowing the brake booster pushrod to separate from the brake pedal. If this happens, pushing on the pedal will not apply the brakes and a vehicle crash could occur without prior warning.

CORRECTION

Dealers are to install a new brake pedal pushrod bushing and retaining clip and, if the clip was missing, a new brake pedal arm assembly.

VEHICLES INVOLVED

Involved are **certain** 2005 Buick Allure and LaCrosse vehicles built within these VIN breakpoints:

YEAR	DIVISION	MODEL	FROM	THROUGH
2005	Buick	Allure	51117076	51306368
2005	Buick	LaCrosse	51117043	51306383

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 and 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 will be loaded to the GM DealerWorld (US) Recall Information, GMinfoNet (Canada) Recall Reports. Dealers will not have a report available if they have no involved vehicles currently assigned.

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
11588251	Retainer, Brk Ped Push Rod	1
10434956	Bushing, Brk Ped Push Rod	1
89047685	Sensor Kit, Brk Ped Posn	1

SERVICE PROCEDURE

Inspection Procedure

1. Remove the insulator panel on left side.
2. Inspect for the presence of the brake rod retaining clip.
 - If the clip is present, the bushing between the brake pedal and the activation rod must be replaced, along with the retaining clip and brake pedal position sensor. Proceed to the Brake Bushing Replacement Procedure.
 - If the clip is missing, the brake pedal assembly, retaining clip, and the brake pedal position sensor must be replaced. Proceed to the Brake Pedal Assembly Replacement Procedure (very few vehicles will require brake pedal assembly replacement).

Brake Bushing Replacement Procedure

1. Unplug and remove the brake pedal position sensor.
2. Remove the brake pedal pushrod retaining clip from the brake pedal.
3. Remove the brake pedal pushrod and bushing from the brake pedal.
4. Coat the new bushing with white lithium grease (P/N 12345996) before installation.
5. Install a new bushing into the brake pedal pushrod from the outboard side.

Important: This is opposite the way that the original bushing was installed. The retaining flange should be on the retaining clip side of the brake pedal pushrod.

6. Install the brake pedal pushrod and bushing to the brake pedal.
7. Install a new brake pedal pushrod retaining clip to the brake pedal.
8. Install a new brake pedal position sensor.

Tighten

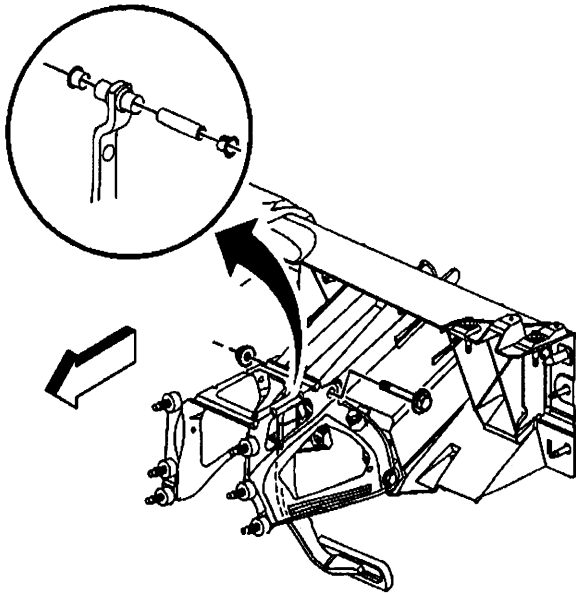
Tighten the screw to 2.0 N·m (18 lb in).

9. Install the insulator panel.
10. Calibrate the new brake pedal position sensor by turning ON the ignition, with the engine OFF.
11. Install a scan tool, select the proper vehicle and options.
12. Navigate to the BCM menu.

13. Select Special Functions menu item.
14. Select the BPPS sensor calibration procedure and follow the directions displayed on the screen.

Brake Pedal Assembly Replacement Procedure

1. Unplug and remove the brake pedal position sensor.
2. Remove the brake pedal pushrod and bushing from the brake pedal.



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3. Remove the brake pedal nut and bolt.

Important: It is not necessary to completely remove the bolt from the bracket. Leaving the bolt slightly engaged will assist in re-assembly.

4. Remove the brake pedal and bushings.
5. Install the new brake pedal and bushings.
6. Install the brake pedal nut and bolt.

Tighten

Tighten the brake pedal nut and bolt to 40 N·m (30 lb ft).

7. Coat the new bushing with white lithium grease (P/N 12345996) before installation.
8. Install a new bushing into the brake pedal pushrod from the outboard side.

Important: This is opposite the way that the original bushing was installed. The retaining flange should be on the retaining clip side of the brake pedal pushrod.

9. Install the brake pedal pushrod and bushing to the brake pedal.
10. Install a new brake pedal pushrod retaining clip to the brake pedal.

11. Install a new brake pedal position sensor.

Tighten

Tighten the screw to 2.0 Nm (18 lb in).

12. Install the insulator panel
13. Calibrate the new brake pedal position sensor by turning ON the ignition, with the engine OFF.
15. Install a scan tool, select the proper vehicle and options.
16. Navigate to the BCM menu.
17. Select Special Functions menu item.
18. Select the BPPS sensor calibration procedure and follow the directions displayed on the screen.

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
Replace Clip, Bushing, & BAS Sensor (includes inspection)	3	---	*	MA-96	V1347	0.3
Add: Replace Brake Pedal Asm.	1					0.6
Courtesy Transportation for Vehicles Within the New Vehicle Limited Warranty (US & Canadian Dealers)	N/A	N/A	N/A	MA-96	**	N/A

* The "Parts Allowance" should be the sum total of the current GMSPO Dealer net price plus applicable Mark-Up for the retaining clip and bushing, and if required, the brake pedal assembly 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 for vehicles within the New Vehicle Limited Warranty.

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

CUSTOMER NOTIFICATION

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

DEALER RECALL RESPONSIBILITY – For US (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.

DEALER RECALL RESPONSIBILITY - ALL

All unsold new vehicles in dealers' possession and subject to this recall must be held and inspected/repaired 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.



April 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.

Reason For This Recall: General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2005 Buick Allure and LaCrosse vehicles. The clip that secures the brake pushrod to the brake pedal arm pin could have been bent when it was installed. A bent clip may come off, allowing the brake booster pushrod to separate from the brake pedal. If this happens, pushing on the pedal will not apply the brakes and a vehicle crash could occur without prior warning.

What Will Be Done: Your GM dealer will install a new brake pedal pushrod bushing and retaining clip and, if the clip was missing, a new brake pedal arm assembly. This service will be performed for you at **no charge**.

How Long Will The Repair Take? It will take approximately 20 minutes to install the bushing and retaining clip. If the brake pedal arm assembly requires replacement, another 40 minutes will be necessary. 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)
Buick	1-866-608-8080	1-800-832-8425
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	
Guam	1-671-648-8650	

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.

Owner Center Online: This free online service offers vehicle and ownership related information and tools tailored to your specific vehicle. To get the most personalized information for your vehicle, visit www.mygmlink.com, and enter your vehicle's 17-character vehicle identification number (VIN) shown on the enclosed customer reply form.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

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
05038