

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Report⁽¹⁾

05V-107
(12 pages)

On March, 2005, Prevost Car decided that a defect which relates to motor vehicle safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

Date this report was prepared: March 9th, 2005

Furnish the manufacturer's identification code for this recall (if applicable): SR05-07

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Prevost Car Inc.

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

Telephone Number: 418 831-5432 ext : 247 Fax No.: 418 831-9301

Name and Title of Person who prepared this report.

Josyane Côté Eng.

Prevost Publication Manager and Technical Representative

Signed:



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2005 MAR 23 P 3:20
U.S. DEPARTMENT OF TRANSPORTATION

I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

- XL2-45 Entertainer Model Year : 2001 – 2005
- XL2-45 Coaches Model Year : 2001 – 2005
- H3-41 & H3-45 Coaches Model Year : 2002 – 2005
- H3-45 VIP Entertainer Model Year : 2002 – 2004

Make(s): Model Years Involved: Model(s):
Production Dates: Beginning:2001 Ending: 2005

Vehicle VIN numbers

Carrosseries XL2-45 Entertainer Année modèle: 2001 - 2005	Du 2PCY3349311027428 jusqu'au 2PCY3349X51028389 incl.
Autocars XL2-45 Année modèle: 2001 - 2005	Du 2PCX3349911027493 jusqu'au 2PCX3349851028513 incl.
Autocars H3-41 et H3-45, Année modèle: 2002 - 2005	Du 2PCH3349821014403 jusqu'au 2PCH3349X51010094 incl.
H3-45 VIP Entertainer Année modèle: 2003 - 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

Vehicle Type: All types

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall: All vehicles produced in that period are included in the recall.

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with certain items of equipment from

January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

100 %

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

Number of Vehicles 943

Model Year Potentially Involved 2001 to 2005

Total Number Potentially Affected by the Recall: 943

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance:

2 %

Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

It was based on customers complaints and warranty records. All vehicles were included, no selection was made.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

Refer to Warranty Bulletin WB04-10 included

Describe the cause(s) of the defect or noncompliance condition.

Deviation of assembly procedure.

Describe the consequence(s) of the defect or noncompliance condition.

It would lead to a lost of power steering.

Identify any warning which can (a) precede or (b) occur.

Oil leaks and/or low oil level may be observed at inspection.

Eventually noise from the starving pump and harder steering effort.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

N/A

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

N/A

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

The reason why we decided to do a Warranty Bulletin is at the end of 2004 and early 2005 we receive many complaints from local operators about finding hoses rubbing in the engine compartment, and in the spare tire compartments. In many of the cases, the problem was found before having the failure because oil leaking out of the hoses and was cut up during the inspection process

The amount of failures in respect to the amount of coaches in the field is very minimal

The failure will give warning that can be caught up in fairly simple routine inspection

The failure mode is mostly to happen at reduce speed in tight maneuver situations because this is where the pressure is at it's highest in the system and the fail safe mode is reverting to non assist steering.

The rate at which a failure can occur is directly proportional with the climate and the type of operation the coach is put in.

No accidents were reported.

We are now converting the warranty Bulletin in a Safety Recall after discussion with ODI.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

N/A

V. Identify the Remedy

8. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

See Warranty Bulletin WB04-10

VI. Identify the Recall Schedule

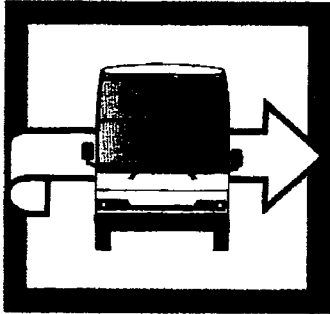
Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

September 30, 2004, the decision was taken to issue a Warranty Bulletin.

December 13, 2004, the document was mailed to customers.

March 6th, the Warranty Bulletin was changed to a Safety Recall.

March 30, 2005, the safety recall will be sent to customers.



PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001

**WARRANTY
BULLETIN**

Wb04-10A



DATE : FEBRUARY 2005	SECTION : 14 - Steering
EXPIRATION: FEBRUARY 2007	
SUBJECT : INSPECTION & REPLACEMENT OF POWER STEERING PRESSURE HOSE	

REVISION : A

Addition of part numbers in the case of the entire hose replacement

APPLICATION

XL2-45 Entertainer Model Year : 2001 – 2005	From 2PCY3349311027428 up to 2PCY3349X51028369 incl.
XL2-45 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 – 2PCV3349331014480 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

This bulletin 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 bulletin 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

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

161027	Hose, Replacement, XL2 Rear Section, XL2-45 Entertainer	1
161137	Hose, Replacement, XL2 Rear Section, XL2-45 Coaches	1
161197	Kit, Hose Replacement, XL2 Front Section	1
161136	Hose, Entire, Replacement, (9195 mm) XL2-45 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).

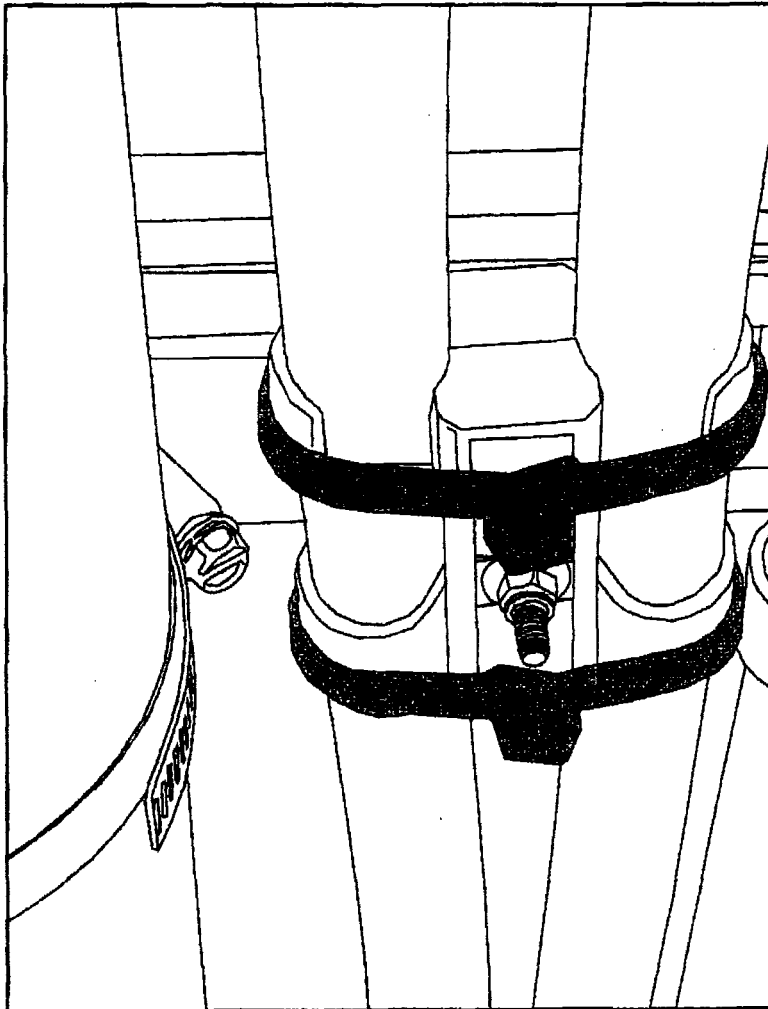


FIGURE 1: INSTALLATION OF NYLON TIES (TYPICAL)

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

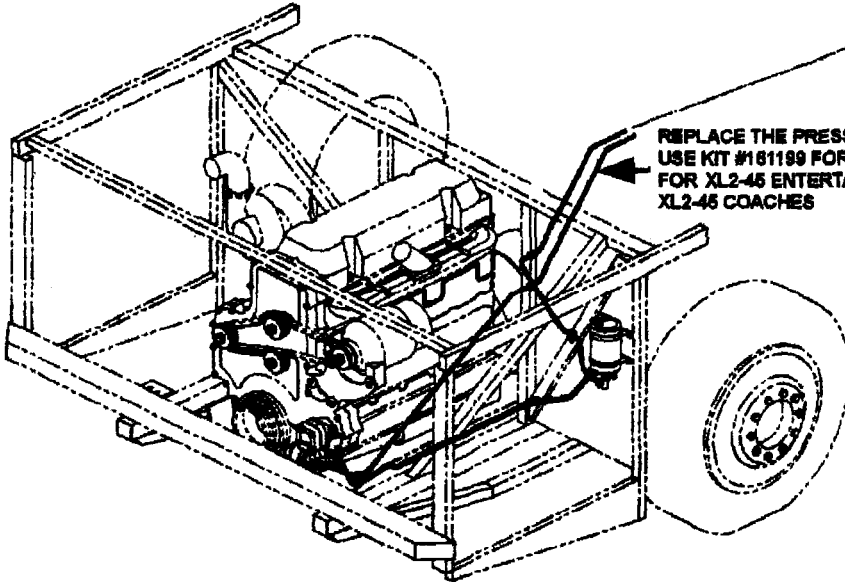
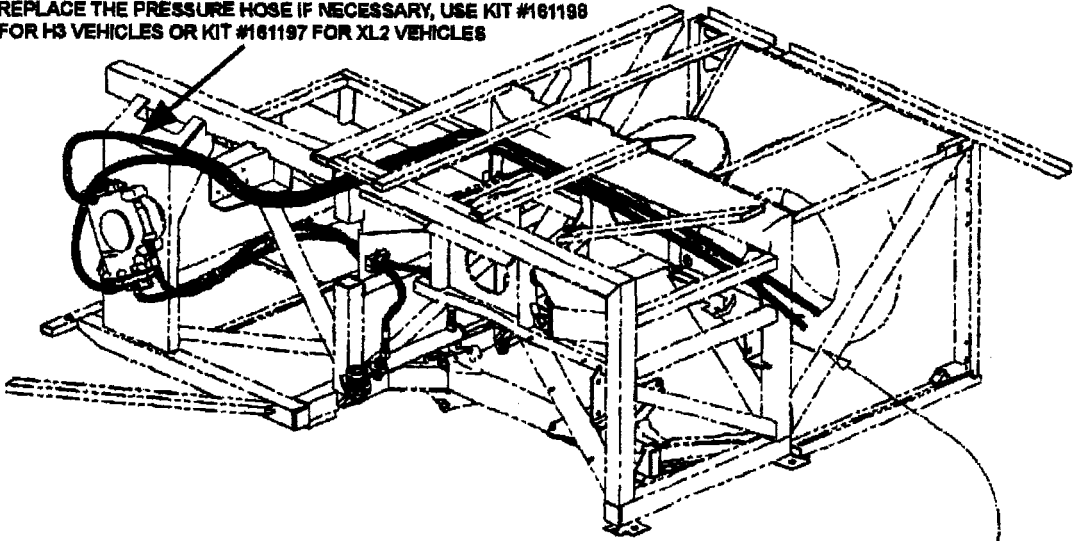
1. Put a container into place below the power steering gear, and then disconnect the pressure hose from the power steering gear. Cover fittings to prevent fluid contamination.
2. Measure the new hose length (161196) supplied in kit #161198. Cut and remove the corresponding length of hose from the installed 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.

REPLACE THE PRESSURE HOSE IF NECESSARY, USE KIT #161198 FOR H3 VEHICLES OR KIT #161197 FOR XL2 VEHICLES



REPLACE THE PRESSURE HOSE IF NECESSARY, USE KIT #161199 FOR H3 VEHICLES, HOSE #161027 FOR XL2-45 ENTERTAINER, HOSE #161137 FOR XL2-45 COACHES

FIGURE 2: H3 OR XL2 VEHICLES

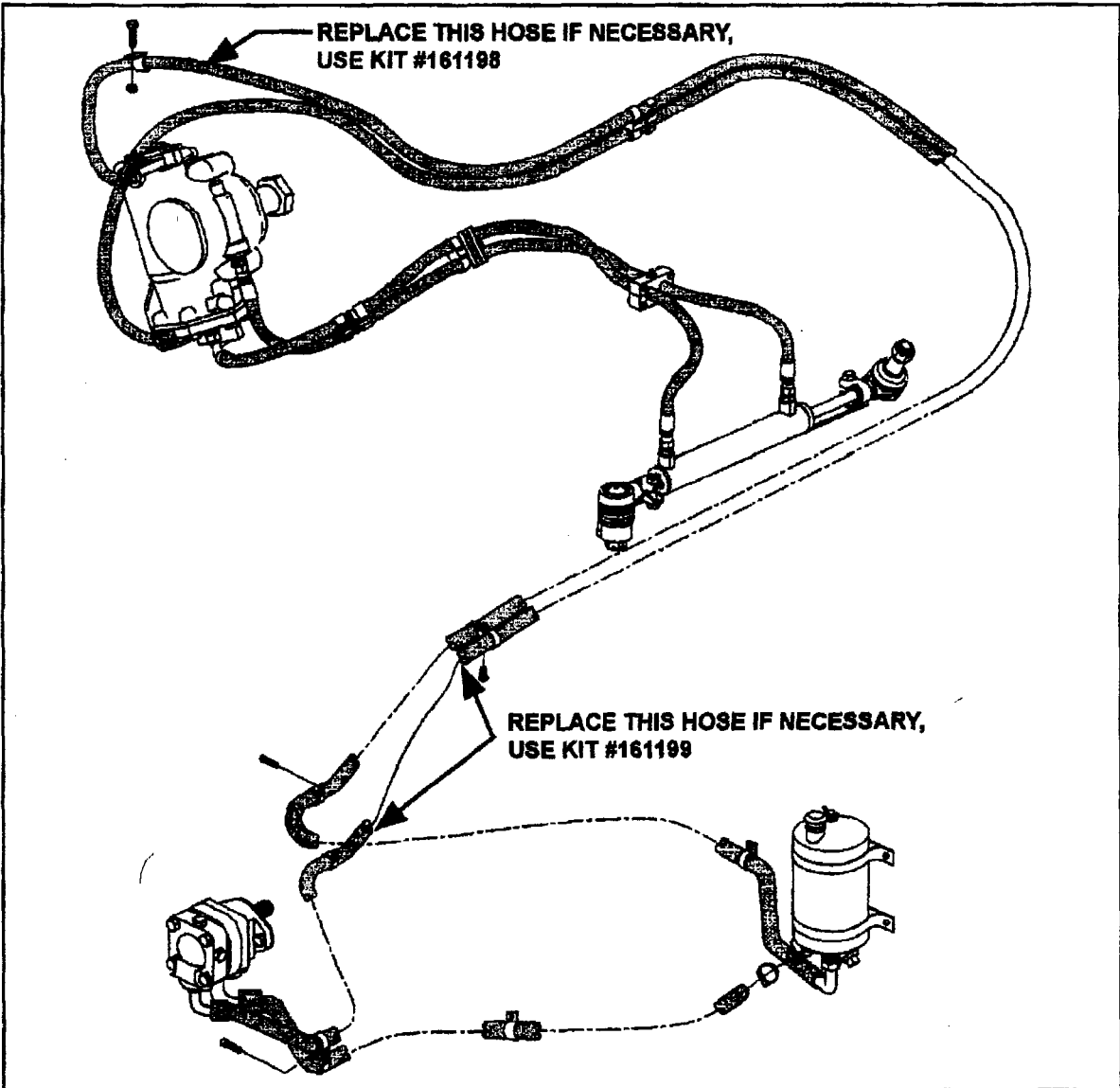


FIGURE 3: H3 VEHICLES

XL2 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.

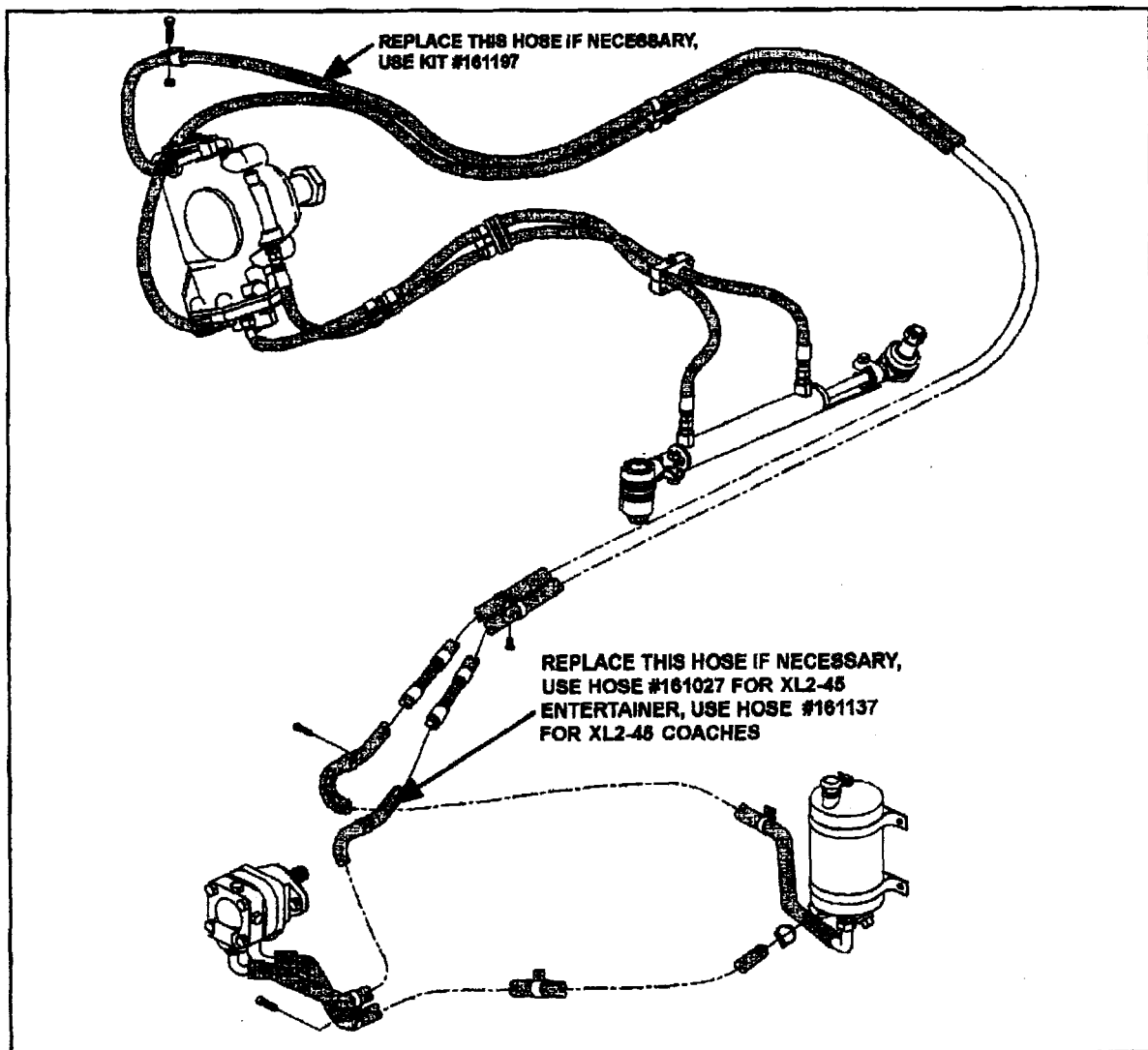


FIGURE 4: XL2 VEHICLES

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 "Warranty Bulletin 04-10".

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 "Warranty Bulletin 04-10".

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.