

PREVOST

Warranty Bulletin

96-31

Date: December 1996

Section: 16

Subject: AIR SPRINGS ON VEHICLES WITH INDEPENDENT FRONT SUSPENSIONS

Application:

Model	VIN
XL-40, XL-45 and XL-45E Shells Model Year: 1996	From 2PCM33496I1025873 until 2PCM33499I1025894 incl. Except 2PCL3340XI1025884 and 2PCL33497I1025890



VAL REPARTES ET SERVICES
PREVOST CAR INC.
410-CLINE COMMERCIAL, Q.B., CANADA



DESCRIPTION

On the above mentioned vehicles, improper air springs were installed on independent front suspensions. In fact, air springs installed on independent suspension are different than ones installed on regular suspensions. The following procedure explains how to replace the air springs on your independent suspension vehicle(s).

MATERIAL

Part No.	Description	Qty
630151	Air spring	2

Note: Material can be obtained through regular channels.

PROCEDURE

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

- Lift vehicle at the recommended body jacking points as outlined in the independent suspension addendum found in section 16 (page 24, Fig. 18) of your maintenance manual.
- Place safety supports underneath body.
- Locate air springs on independent suspension on front wheels (Fig. 1).
- For each air spring complete the following steps:
 - Remove air inside air spring by opening the exhaust valve located on tank (Fig. 1 and 2).
 - Remove the 90° elbow #1 and the extension from the air spring pipe.
 - Remove the three air spring retaining nuts and remove the air spring.
 - Remove 90° elbow #2 from removed air spring.
 - Apply Teflon sealant (Prévost #680098) on the threads of 90° elbow #2 and install it on new air spring (Prévost #630151).
 - To facilitate the air spring installation, stretch the air spring as much as possible.
 - Reinstall air spring nuts with a tightening torque of 20 lb.·ft (27.2 N·m).

H. Apply Teflon sealant (Prévost #680098) on the threads of 90° elbow #1 and the threads of extension and install them as previously.

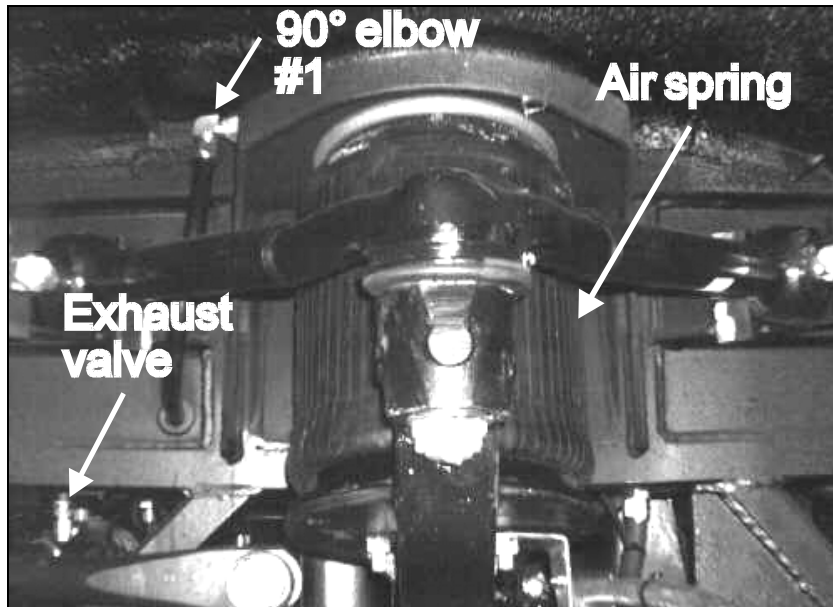


FIGURE 1: AIR SPRING AND EXHAUST VALVE (RIGHT SIDE)

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Note: On R.H. side, exhaust valve is to the left of the air spring. On L.H. side, exhaust valve is to the right of the air spring.

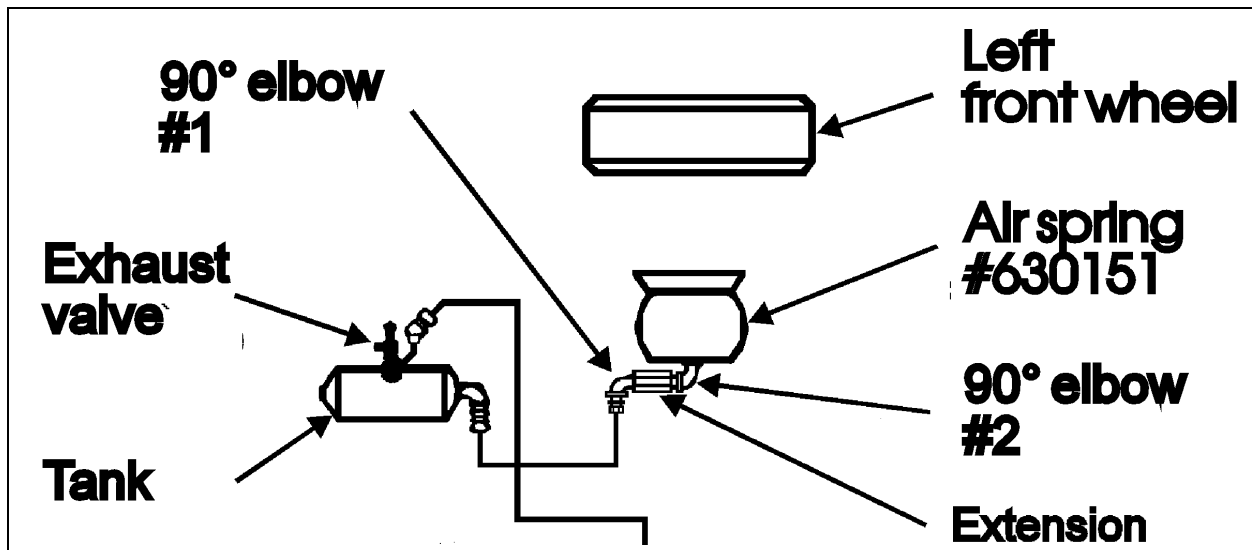


FIGURE 2: TOP VIEW OF AIR SPRING AND TANK (LEFT SIDE)

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WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and an hour and a half (1,5) of labor upon receipt a completed A.F.A. form on which you must specify as per "Warranty Bulletin 96-31".

Parts disposition:

- Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

Expiration date: December 1997