

Authorized Field Change

AFC G-06910R

Date: January, 2007

Subject File: BRAKES

Subject: Remove Check Valve Components from Meritor Wabco Pressure Protection Valve (PPV) used in conjunction with the System Saver 1200 Air Dryer

Model: 4200

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 4300

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 4400

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 5500i

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 5600i

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 5900i

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 7300

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 7400

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 7500

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 7600

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 7700

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 8500

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 8600

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 9200i

Start Date: 03/04/2001 End Date: 04/27/2006

Model: 9900i

Start Date: 03/04/2001 End Date: 04/27/2006

DESCRIPTION

The Meritor Wabco System Saver 1200 with a pressure protection valve (PPV) does not allow enough air volume to effectively purge the dryer desiccant cartridge during the purge cycle. (*Note that suspect units are VIN specific. Not all units in the date range are involved.)

SERVICE PROCEDURE

! WARNING – To avoid personal injury or death, shift transmission to park or neutral, set parking brake, and block wheels before doing diagnostic or service procedures.

1. Drain the supply (wet tank) and secondary air tanks until all the air has escaped from all drain valves.
2. Remove the air line and the pressure protection check valve from the air dryer (Figure 1).

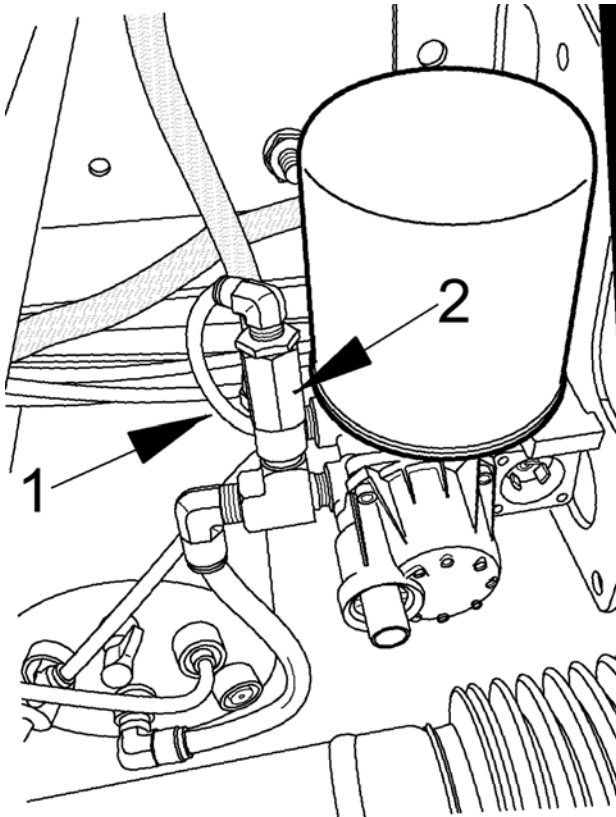


Figure 1 Air Dryer

1. Air Line
2. Pressure Protection Check Valve

3. Remove check valve parts from the valve (Figure 2) by removing the snap ring.

SERVICE PROCEDURE (CONT.)

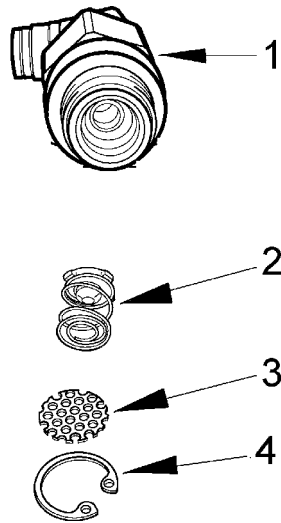


Figure 2 Remove Check Valve Parts

1. Valve
2. Check Valve
3. Screen
4. Snap Ring

4. Discard the check valve, screen and snap ring (Figure 2, Items 2, 3 and 4)
5. Apply thread sealant to the valve external threads and re-install the valve to the air dryer.
6. Reconnect the air line to the valve and close the reservoir draincocks.
7. Start the engine to charge the air system and check for leaks.

Operation number must appear on all claims.

Table 1 Labor Information

Operation No.	Description	Time
A40-06910-1	Remove Check Valve	0.5Hr.

ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number G-06910.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7-1. Special attention should be given to Items 39 through 44.

To assure this important improvement is made in a timely manner, all claims for G-06910 activity must be submitted by October 31, 2007 or within the normal warranty period for the vehicle, if after October 31, 2007.

	GROUP	NOUN	C	WARR.	TP	PAD
GROUP Enter number G—						
NOUN Leave blank						
C (CAUSE) Enter either 1, 2, 3. (see below)						
1. Inspected (No repair required).						
2. Inspected and repaired.						
3. Defective part from parts stock.						
WARRANTY (Warranty Code) Enter 40.						
TYPE PART Enter P for type part causing failure.						
PAD Enter 100						

Distribution: All except J-81

Reproduction: Not required.