



Technical Service Bulletin

No.A206-05v4
17 January 2006

Reissue

Please replace the previous edition of this bulletin.

This bulletin supersedes TSB A206-05v3/2004 dated 05 July, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page).

Subject/Concern: Brake Booster Vacuum Hose Non-Return Valve Deterioration		
Models:		
X-TYPE	2.0L, 2.5L and 3.0L V6	2.0L, 2.5L and 3.0L V6 VIN-range: C00294 Onwards

Markets: All

Section: 206-07

Summary:
This bulletin addresses customer concerns of gradual reduction in brake booster performance over time.
Version 4 of this Bulletin has been issued due to the addition of 2.0L and Parts Required.
Cause: Brake booster vacuum valve deterioration.
Action: Customers may express a concern of a gradual reduction in the brake booster performance over time. In hot climates, under extreme temperatures the heat may cause the brake booster vacuum hose non-return valve exterior to deteriorate (corrode/crumble) which may in turn lead to a gradual reduction in the brake booster performance over time. To inspect and install a new brake booster vacuum hose, follow the Service Instruction outlined below.

Parts Required:		
Description	Part Number	Quantity
Brake booster vacuum hose 2.0L	C2S 40465	1
Brake booster vacuum hose 2.5L, 3.0L	C2S 17552	1

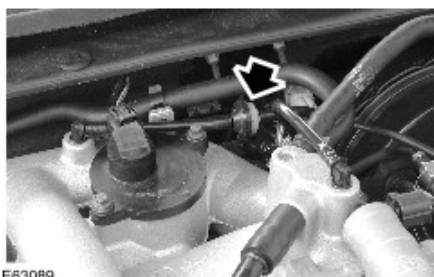
Labour Time:		
Operation Description	Operation No.	Time
Install a new brake booster vacuum hose	70.50.16	0.2 hours

Repair/Claim Coding:	
Causal Part:	2.0L C2S 40465, 2.5L, 3.0L C2S 17552
ACES Condition Code:	N/A
Defect Code:	

Service Instruction

1. Open hood and install fender protection covers.
2. **NOTE:** Deterioration will be seen as white deposits on the exterior of the non-return valve. If deterioration is seen continue from step 3. If no deterioration is seen investigate brake vacuum system for fault, and any repairs are to be carried out as a separate Warranty Claim.

Inspect the brake booster vacuum hose non-return valve for deterioration.



- 3 . Displace and remove the vacuum sensor tube from the brake booster vacuum hose if installed.
- 4 . Disconnect the brake booster vacuum hose at the intake manifold by pressing down to release the securing clip.
- 5 . Displace and reposition the brake booster vacuum hose from the intake manifold.
- 6 . Displace and reposition the brake booster vacuum hose securing clip at the vacuum assist pump if installed.
- 7 . Displace and remove the brake booster vacuum hose from the vacuum assist pump if installed.
- 8 . Displace and reposition the brake booster vacuum hose from the brake booster.
- 9 . Install and fully seat the new brake booster vacuum hose to the brake booster.
- 10 . Install and fully seat the new brake booster vacuum hose to the vacuum assist pump and install the securing clip if installed.
- 11 . Install and fully seat the new brake booster vacuum hose to the intake manifold.
- 12 . Install and fully seat the vacuum sensor tube to the brake booster vacuum hose if installed.
- 13 . Remove fender protection covers and close hood.

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