

**Brake Booster Performance –  
Check Valve Deterioration –  
Inspect & Repair**

MODEL 2002 MY-ON  
X-TYPE

VIN C00001-ON

**Issue:**

Some 2002 MY-ON X-TYPE vehicles may exhibit a gradual reduction in brake booster performance over time.

In hot climates, under extreme temperatures, the heat may cause the brake booster vacuum hose check valve exterior to deteriorate (corrode/crumble) which may in turn lead to a gradual reduction in the brake booster performance over time.

**Action:**

In case of a customer complaint of the above condition on an X-TYPE vehicle, inspect the check valve and, if necessary, install a new brake booster vacuum hose, by following the workshop procedure outlined below.

WORKSHOP PROCEDURE

1. Open hood and install fender protection covers.
2. Inspect the brake booster vacuum hose check valve for deterioration (Illustration 1).

**CHECK VALVE**

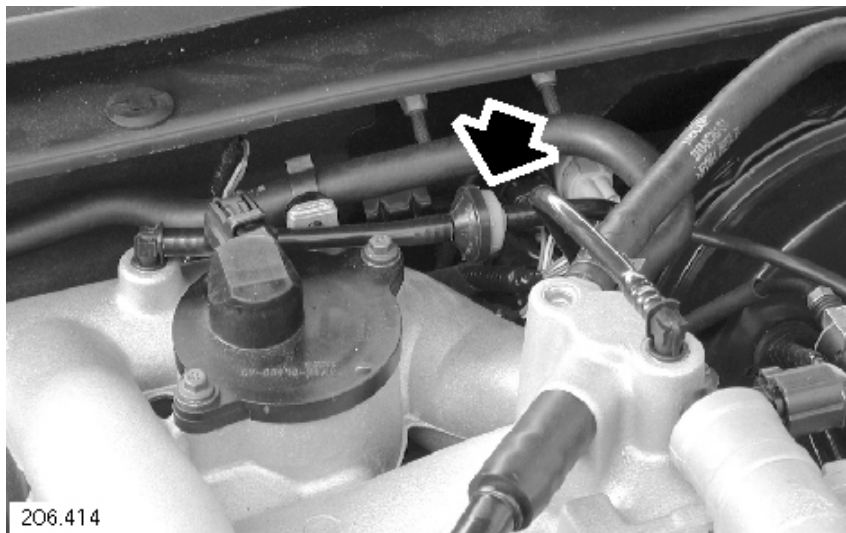


ILLUSTRATION 1

**NOTE: THE INFORMATION IN TECHNICAL BULLETINS IS INTENDED FOR USE BY TRAINED, PROFESSIONAL TECHNICIANS WITH THE KNOWLEDGE, TOOLS, AND EQUIPMENT TO DO THE JOB PROPERLY AND SAFELY. IT INFORMS THESE TECHNICIANS OF CONDITIONS THAT MAY OCCUR ON SOME VEHICLES, OR PROVIDES INFORMATION THAT COULD ASSIST IN PROPER VEHICLE SERVICE. THE PROCEDURES SHOULD NOT BE PERFORMED BY "DO-IT-YOURSELFERS." DO NOT ASSUME THAT A CONDITION DESCRIBED AFFECTS YOUR CAR. CONTACT A JAGUAR RETAILER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.**

**Note:** Deterioration will be seen as white deposits on the exterior of the check 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.

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.

### Global Technical Reference (GTR) Workshop Manual Information:

Dealer Access: <https://hub.franchise.jaguar.com>

Internet access: <http://www.jaguartechno.com>

### Parts Information:

<b>DESCRIPTION</b>	<b>PART NUMBER</b>	<b>QTY</b>
Brake booster vacuum hose	C2S 39610	1

### Warranty Information:

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

Description	SRO	Time	Causal Part Number
Install a new brake booster vacuum hose	70.50.16	0.2 hrs.	C2S 39610