



S-TYPE

DATE 03/04
Amended 07/04

S100-10

SERVICE

TECHNICAL BULLETIN

Thump From Rear Of Vehicle –
Differential Mount Bushings –
Install Bushing Inserts

MODEL 2003-04 MY
S-TYPE

VIN M44998-**N30694**

Remove and destroy Bulletin S100-10, dated 03/04.
Replace with this Bulletin.
An ending VIN has been added.

Issue:

On some 2003-04 MY S-TYPE vehicles within the above VIN range, customers may have concerns of the following:

- On manual transmission vehicles, a thump from the rear of the vehicle when changing gear.
- On automatic transmission vehicles, thump from the rear when accelerating after a period of deceleration.

To address this concern, two inserts have been released to restrict mounting bushing movement. These inserts fit into the bushings that support the rear of the differential in the subframe.

Action:

In case of a verified customer complaint of the above condition, install the two inserts following the procedure below.

WORKSHOP PROCEDURE

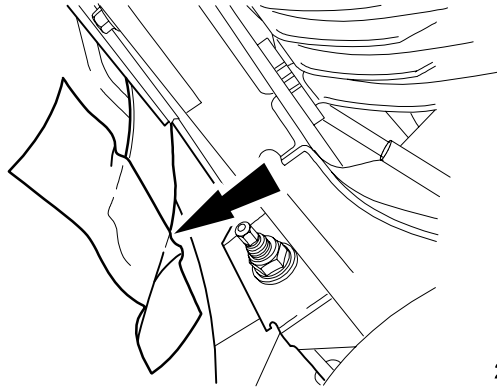
1. Raise vehicle on 'four-post' lift.

Working on the left-side rear differential mounting bushing:

2. Place a suitable protective material on the front face of the spare wheel well behind the left-side bushing, to prevent damage to the spare wheel well while it is being levered against.

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.

PROTECTIVE MATERIAL SECURED TO SPARE TIRE WELL



204.742

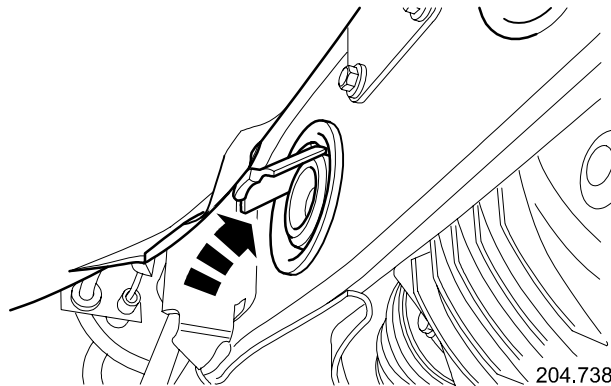
ILLUSTRATION 1

3. Use a suitable adhesive tape to secure the protective material into position (Illustration 1).

⚠ Caution: Do not use any other lubricant as this can cause damage to the rubber bushing material.

4. Lubricate upper void of left bushing with suitable tire lubricant. If this is not available, water can be used.

POSITION INSERT IN BUSHING VOID



204.738

ILLUSTRATION 2

5. Position insert into upper void of left bushing (Illustration 2).

INSTALL INSERT IN BUSHING VOID

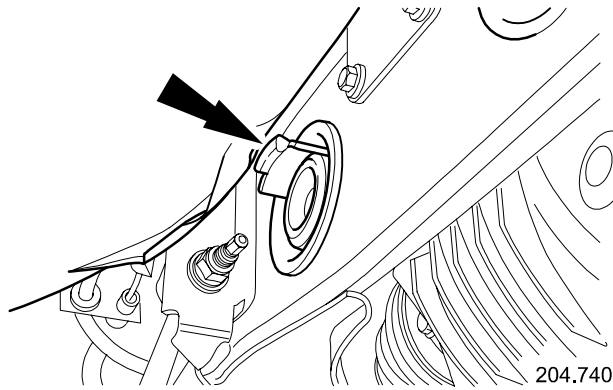


ILLUSTRATION 3

6. Using a suitable tool, force insert part way into upper void of left bushing (Illustration 3).

INSERT FULLY POSITIONED IN BUSHING VOID

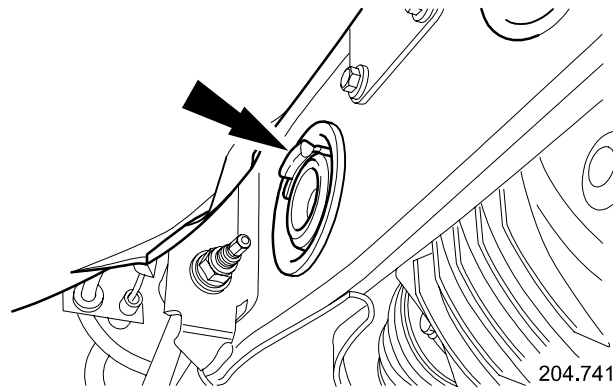


ILLUSTRATION 4

7. Using a suitable lever positioned against the front face of the spare wheel well protection, lever insert fully into position (Illustration 4).
8. Place a suitable jacking device under the rear drive axle/differential.
9. Place a suitable block of wood on the jack.

INSTALL INSERT IN BUSHING VOID

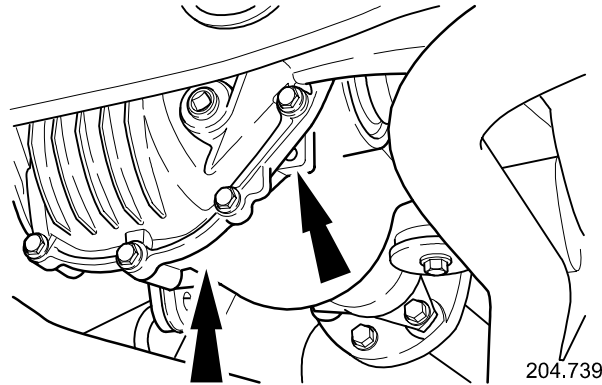


ILLUSTRATION 5

10. Operate the jack to raise the rear drive axle/differential and open up the lower void of left bushing.

Note: Jack under the center of the rear drive axle/differential to install the left-side rear bushing lower void insert. Jack under the right-hand side lug to install the right-side rear bushing lower void insert (Illustration 5).

⚠ Caution: Do not use any other lubricant as this can cause damage to the rubber bushing material.

11. Lubricate the lower void of left bushing with a suitable tire lubricant. If this is not available, use water.
12. Position insert into lower void of left bushing.
13. Using a suitable tool, force insert part way into lower void of left bushing.
14. Using a suitable lever positioned against the front face of the spare wheel well protection, lever insert fully into position.
15. Lower jack.
16. Remove protective material, and transfer to the front face of the spare wheel well behind the right-side bushing.
17. Carry out steps 3 to 15 to install inserts into the voids of the right-side differential bushing.
18. Remove block of wood from jack and place aside.
19. Remove jacking device.
20. Remove adhesive tape and protective material.
21. Lower vehicle on lift.

Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Rear drive axle/differential rear mounting bushing void inserts	XR8 51446	4

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
Rear drive axle/differential rear mounting bushing service fix	64.91.15	0.3 hrs.	XR8 42787