



S-TYPE

DATE 11/99
Amended 11/04

S307-03

SERVICE

TECHNICAL BULLETIN

DTC P0741 –
Torque Converter Clutch Does Not Lock Up –
Missing Seal Ring

MODEL 2000-02 MY
S-TYPE
VIN L00001-M44997

Remove and destroy Bulletin S307-03, dated 11/99.
Replace with this Bulletin.
Revisions are marked with a bar and in **bold text**.

Issue:

Some 2000-**02** MY S-TYPE vehicles may experience a MIL illumination with diagnostic trouble code (DTC) P0741 stored in the PCM. This condition is most likely to result from the omission of an oil seal on the transmission stator shaft during assembly of the unit. The function of the oil seal is to complete a hydraulic circuit intended to allow transmission fluid under pressure to actuate the lock-up clutch under certain conditions. Omission of the seal allows fluid to by-pass the intended circuit. This fluid then recirculates in the torque converter without actuating the lock-up clutch. The condition will be confirmed by the presence of DTC P0741.

The concern may be overcome by installing a seal at the correct location.

Action:

On a 2000-**02** MY S-TYPE vehicle, with the MIL illuminated and DTC P0741 stored, proceed as follows:

1. Remove the automatic transmission (see Global Technical Reference GTR Workshop Manual, section: 307-01, SRO 44.20.01).
2. Remove the torque converter.

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.

3. Inspect the stator shaft and determine if the seal is damaged or if no seal is present at the location shown in illustration 1.

LOCATION OF OIL SEAL ON STATOR SHAFT

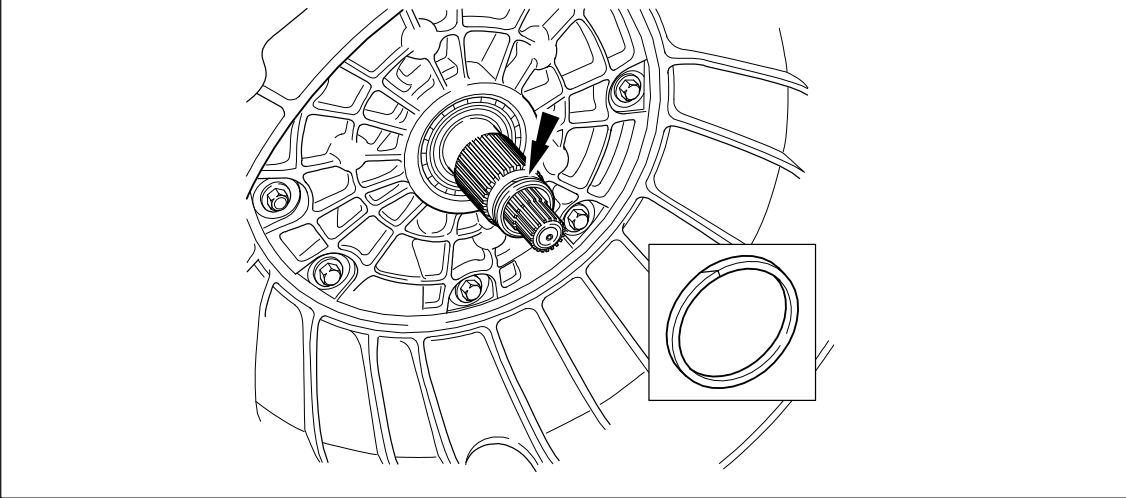


ILLUSTRATION 1

4. If no transmission input shaft seal is installed, install a new seal.
5. Install the transmission torque converter.
6. Install the automatic transmission (see Global Technical Reference GTR Workshop Manual, section: 307-01, SRO 44.20.01).
7. Use WDS to carry out a transmission fluid level check (see Global Technical Reference GTR Workshop Manual, section: 307-01, General Procedures).
8. With WDS already connected, clear all DTCs from the Transmission Control Module (TCM).

Note: Any time an automatic transmission is removed from a S-TYPE vehicle, check that this seal is in place before reinstalling the transmission in the vehicle. If a seal is present and is undamaged contact the Technical Helpline at 1-800-JAG-DLRS for repair guidance.

5R55N DRAIN PLUG/FLUID LEVEL PLUG

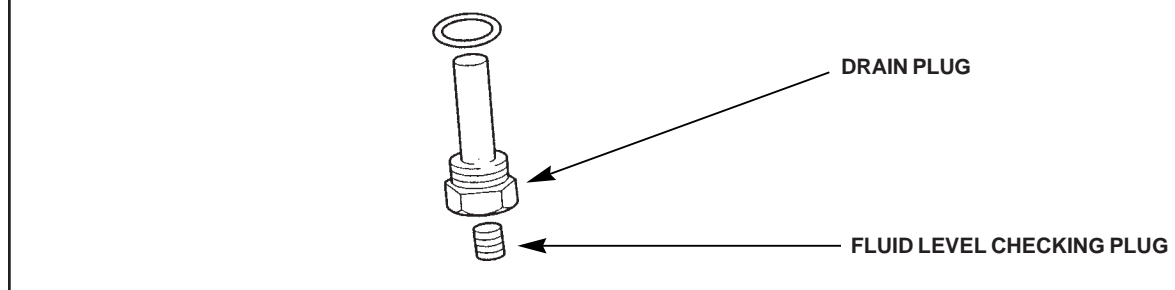


ILLUSTRATION 1

Global Technical Reference (GTR) Workshop Manual Information:Dealer access: <https://hub.franchise.jaguar.com>Internet access: <http://www.jaguartechno.com>**Parts Information:**

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Seal	XR8 5601	1
Automatic Transmission Oil - 1 liter	JLM 21044	As required

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 new transmission seal (3.0L)	44.91.22	3.1 hrs.	XR8 5601
Install new transmission seal (4.0L)	44.91.22	3.2 hrs.	XR8 5601