



S-TYPE

DATE 02/05

S206-03

SERVICE

TECHNICAL BULLETIN

Vibration When Braking (Comeback Visits) – Brembo Brakes – Disc/Hub Optimization Procedure

MODEL 2003 MY-ON
S-TYPE R

VIN M44998-ON

Issue:

Some 2003 MY-on S-TYPE R vehicles may exhibit vibration when the brakes (Brembo) are applied, even after the front brake discs have been replaced. To remedy this condition on a repeat repair, install new front brake discs on the hub flange in a position that minimizes the lateral run-out of the brake disc.

Action:

In case of a repeat customer complaint of vibration when braking, follow the procedure below to install new front brake discs with minimum lateral run-out.

BRAKE DISC OPTIMIZATION PROCEDURE

1. Remove front brake discs (see Global Technical Reference GTR Workshop Manual, section 206-03, SRO 70.10.10).
2. Clean brake calipers and mating faces on hubs.
3. Install the new brake disc on the hub.
4. Install wheel nuts and tighten to 20 Nm (15 lbf.ft).
5. Install a dial indicator gauge and fixture on a suitable mounting point.
6. Position dial indicator gauge 5 mm in from outer edge of disc.
7. Rotate disc one complete revolution and record brake disc run-out.
8. Remove wheel nuts.
9. Carry out steps 3 to 8 to check disc run-out by repositioning the brake disc on the wheel studs in the four remaining possible positions.
10. Install brake disc in the position with the minimum recorded run-out (see Global Technical Reference GTR Workshop Manual, section 206-03, SRO 70.10.10).
11. Carry out steps 1 to 10 for the opposite side brake disc.

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 DEALER TO DETERMINE WHETHER THE BULLETIN APPLIES TO YOUR VEHICLE.

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> |
|--------------------|--------------------|------------|
| N/A | - | - |

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 brake discs to achieve minimum run-out | 70.91.32 | 1.3 hrs. | C2C 8355 |