

TECHNICAL BULLETIN



Oil Leak – Generator Bracket Bolts – Seal With Loctite 545

**12-50
Amended
11/94**

MODEL AJ6 Engine All

DATE 7/94

Remove and destroy Bulletin 12-50, Date 7/94.
Replace with this Amended Bulletin.
Revisions are marked with a bar and indicated in Bold Text.

ISSUE:

Oil leakage from the front left side of the engine sump may originate from the generator mounting bracket bolts. Two of the four mounting bolts are threaded into the sump housing, the other two thread through the sump.

Beginning with VINs listed below, sealer has been applied to all generator mounting bracket bolt threads in order to prevent leaks in this area.

Sedan Range (4.0L)

From VIN 686340

XJS Range (4.0L)

From VIN 189532

ACTION:

On vehicles with oil leaking from the generator bracket bolts, seal all bolts with Loctite Thread Sealer #545 (Jaguar P/N 54531) using the following procedure:

1. Ensure that the radio code is available. Record all preset radio stations (including X-mem) and disconnect the negative cable of the battery.
2. Remove the generator following the procedures in Service Manual section 86.10.12

CAUTION: Do not allow the generator cables to support the weight of the generator.

3. Remove the bolts holding the lower generator mounting bracket to the engine sump.
4. Remove the mounting bracket.
5. Using solvent and a brush, thoroughly clean the four generator mounting bracket holes on the engine. Blow out the holes with compressed air.
6. Using a clean cloth and brush, apply Loctite Primer. Allow to dry.

CAUTION: The holes must be thoroughly degreased or the sealer will not cure and leaks will reoccur.

7. Thoroughly clean and dry the lower generator mounting bracket and the sump mating face.
8. Thoroughly clean and degrease the original bolts and apply Loctite to the first five threads of the bolts.
9. Install the mounting bracket and tighten the bolts to 29 - 39 lb ft (21.5 - 28.5 Nm).
10. Install the generator following the instructions in the Service Manual.

GENERATOR DRIVE BELT TENSION

NEW BELT

135 lbs. LOAD

IN-SERVICE BELT

115 lbs. LOAD

11. Recode the radio and reset all radio stations and the clock.

PARTS INFORMATION:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>
Loctite 545	54531

WARRANTY INFORMATION:

<u>FAULT CODE</u>	<u>R.O. NUMBER</u>	<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
AQ DB HJ	12.91.14	Oil leak - generator bracket bolts	0.70 hrs.

NOTE: Four vehicles can be serviced with one bottle of Loctite #545 (Jaguar P/N 54531).

Claim reimbursement as follows:

Dealers with DCS version 6 release JG14

Claim P/N 54531 and a 25% parts prorate. The dealer will be reimbursed 25% of the part cost plus handling.

Dealers with DCS version 5 or non-DCS dealers.

Claim a sublet amount of \$9.00