



This Service Information bulletin supersedes SI B24 04 12 **dated June 2012**.

NEW designates changes to this revision

SUBJECT

ZF Automatic Transmission Oil Leaks, Diagnosis and Scope of Repairs

MODEL

All with ZF 5-, 6-, or 8-speed Automatic Transmissions

NEW SITUATION

An oil leak has been found and verified as coming from the vehicle's ZF automatic transmission.

NEW PROCEDURE

8HP Transmissions:

- **No 8HP transmission repairs of any kind are to be carried out without prior ZF specialist consultation via a TC PuMA case; refer to SI B24 05 12.**

5HP and 6HP Transmissions:

Any leaking **external** seal may be replaced; refer to the following list of components that can be repaired in the event of an oil leak:

- Oil pan gasket
- Radial seals (torque converter, selector shaft, and output seal)
- Oil pump screw sealing washers
- Extension housing O-ring (5HP models only)
- Electrical connector O-rings or Mechatronic sealing sleeve
- Screw plugs
- Cooler line seals

All other ZF automatic transmission repairs for an oil leak are **not approved** to be performed, regardless of whether a repair procedure exists for it in ISTA.

The exceptions to this policy are any specific repairs procedures which are published in a Service Information bulletin.

Important!

Under no circumstances should the oil pump assembly ever be removed from any ZF transmission.

Specific questions relating to leak diagnosis and repair can be addressed via a TC PuMA case. The ZF team will provide a recommendation for the proper approved repair.

If an oil leak repair is carried out and the ZF transmission is subsequently still leaking, a TC PuMA case submission is strongly encouraged.

PARTS INFORMATION

The EPC part description “supplement” information for ZF transmissions will contain the letters “HP” and end with the letter “Z.” For example: GA6HP26Z.

WARRANTY INFORMATION

Approved ZF Transmission Repairs

NEW Claims for ZF transmission repairs **with TC PuMA case approval**, as described above, are covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

Non-Approved ZF Transmission Repairs

NEW Claims for ZF transmission repairs without TC PuMA case approval, including consequential repairs, will not be accepted.

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