

- Intermittently No Connection in Reverse (power Interruption)
- Transmission Slips When in Reverse

A. Complaint Description:

- Intermittently no connection in Reverse when engine speed is below 1000 rpm.
- When engine speed exceeds 1000 rpm, Reverse engages with harsh engagement quality.

A. Cause:

Extremely high Reverse engagement pressures leaking between Bore 92 of large intermediate plate and Drain valve KS (103) in transmission case due to:

1. Bore 92 is too large (4 mm diameter).
2. Graphite gasket material of original large intermediate plate gasket not sealing properly.
3. Steel cover plate (2, Figure 2) on upper side of large intermediate plate becoming loose or of uneven tightness.

A. Remedy:

1. Replace large intermediate plate, part no. 129 277 15 14. Ensure Bore 92 of replacement plate is 2 mm diameter (Figure 1).
Tightening torque: 8 Nm
2. Replace large intermediate plate gasket, part no. 129 277 09 80.
3. Replace or retorque steel cover plate (2, Figure 2), part no. 129 277 19 94. Tightening torque: 4 Nm.



- ▶ Steel cover plate (2) is not flat, but is manufactured with a curve or bow to its facing surface.
- ▶ It is critical that the center of the steel cover plate curved arc contacts the gasket first, and is flattened as the fastening screws are tightened.

B. Complaint Description:

Transmission slips when in Reverse.

Note: This condition is not intermittent.

B. Cause:

Pressure leakage at teflon seal rings for Clutch KS on transmission support flange and/or intermediate shaft.

B. Remedy:

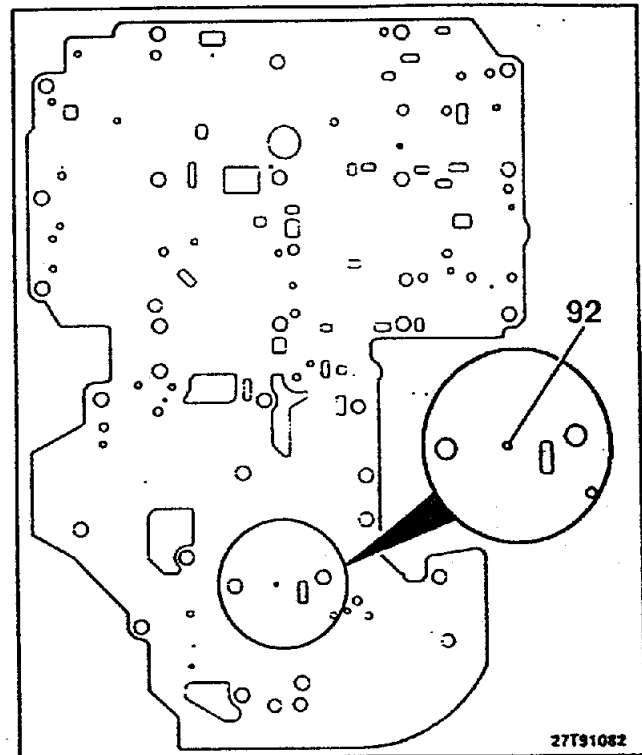
Replace teflon seal rings for Clutch KS on support flange.

B.1

If slipping still exists, disassemble transmission and replace teflon seal rings on Clutch KS intermediate shaft.

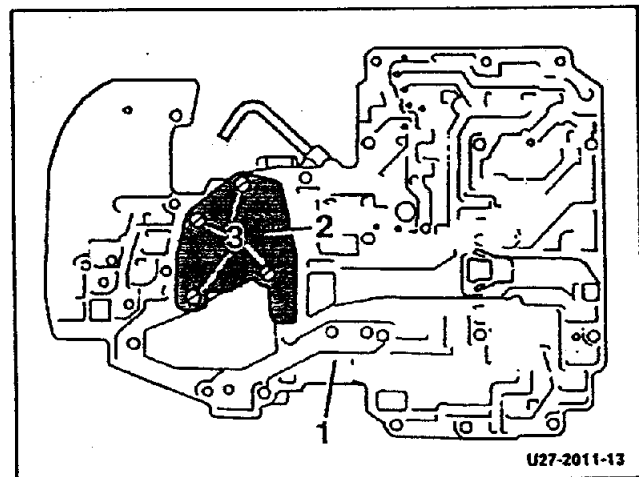
Note:

- Above listed remedies A and B can be performed with transmission installed in vehicle.
- Remedy B.1 requires transmission removal and disassembly.

**Figure 1**

722.5 large intermediate plate.

Correct diameter of Bore 92 = 2.0 mm

**Figure 2**

Upper side of 722.5 large intermediate plate (1) showing steel cover plate (2, shaded).

Fastening screw (3) tightening torque: 4 Nm