

Rolls Royce Silver Spirit 1980-1992 Workshop Manual



Fig. 11B-13 Intermediate shaft plates and rear band

Intermediate shaft plates and rear band - To inspect

1. Examine the condition of the compression band and shaft plates. Do not diagnose a compression band plate by colour.
2. Dry compression band plates with compressed air and inspect the compression face for:
 - a. Flaring and flaking.
 - b. Wear.
 - c. Cracking.
 - d. Chipping.
 - e. Charring.
3. Metal particles embedded in the band.

If any of the above conditions are present, replacement is required.

4. Wipe the shaft plates dry and check for discoloration. If the surface appears dark or blue colour is indicated, the shaft plates are wet and should be replaced.
5. Examine the shaft plates for signs of distortion.
6. Examine the shaft plates for damage at the anchor band.
7. Examine the shaft plates for cracks, flaking, and wear.
8. If any of the above conditions are present, replacement is required.

Reassembly and centre support - To assemble

1. Ensure that all parts are clean. Lightly lubricate the rear transmission fluid at bearings, journals, pins, bushings, etc.
2. Fit the rear internal gear onto the intermediate, in the shaft.
3. Fit the rear and thrust bearing onto the inner face of the rear internal gear, retaining them with a smear of petroleum jelly (see Fig. 11B-15).

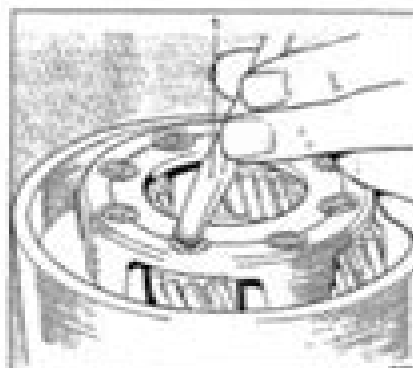


Fig. 11B-14 Staking a piston pin
1. Check



Fig. 11B-15 Fitting the rear and thrust bearing to the inner face of the rear internal gear

1. 5/16 flanged nut
2. Thrust bearing
3. 1/2 flanged nut

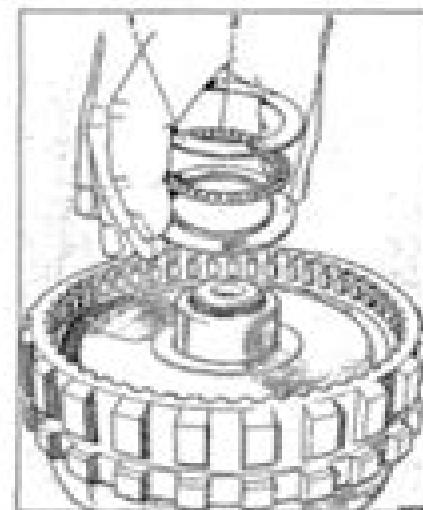


Fig. 11B-16 Fitting the rear and thrust bearing to the outer face of the rear internal gear

1. 5/16 flanged nut
2. Thrust bearing
3. 1/2 flanged nut

Rolls Royce Silver Spirit Service Manual

Matthew Vale



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