

Limora central warehouse
 Industriepark Nord 21
 D - 53567 Buchholz
 Tel: 49 (0) 26 83 - 97 99 0
 E-Mail: Limora@Limora.com
 Internet: Limora.com

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Fitting instruction for modified rear hub seal (UR70222) and retainer (UR70221)

Rear hub seal

Applicable to

| | |
|------------------------------|-----------------|
| Rolls-Royce | Bentley |
| Silver Shadow | T Series |
| Silver Shadow Long Wheelbase | T2 |
| Silver Shadow II | Mulsanne |
| Silver Wraith II | Mulsanne L |
| Silver Spirit | Mulsanne Turbo |
| Silver Spur | Turbo R |
| Silver Spur | Limousine Eight |
| Corniche Continental | |
| Camarague | |

Introduction

A PTFE lip seal has been introduced from vehicle identification numbers (VIN)

Rolls-Royce

Silver Spirit
 SCAZS42AXCHX15804
 Silver Spur
 *SCAZN42A9GCX15820 including
 SCAZN0007GCH15773
 SCAZN42A6GCX15774
 Silver Spur Limousine
 SCAZN42A3HCX15944
 Corniche
 SCAZD0008GCX15734

Bentley

Turbo R
 SCBZSOT01GCX15619
 Eight
 SCBZS8005GCX15836

Description

A PTFE lip seal which offers improved grease retention is fitted to the above motor cars. The seal is now supplied for all motor cars listed under the heading Applicable to.

Note: The seals are stored on a mandrel and should only be removed immediately prior to assembly.

Procedure

- Remove the hub assembly from the motor car.
- Dismantle the hub assembly sufficiently to enable the grease retainer and disc shield to be removed and discarded.
- Wash out and dry the hub and bearings. Check the condition of the bearings and if serviceable, repack with recommended grease.
- With the inner bearing in position, press in the seal retainer with the counterbore uppermost until it contacts the bearing.
- Carefully remove the seal from the mandrel and with the lip facing the hub, press the seal into the counterbore in the retainer.
 Ensure that the seal does not contact any oil or grease. The seal must be fitted dry.
- Degrease and clean the shaft diameter on which the seal will run. Do not lubricate the seal or shaft.
- Re-build the hub.
- Re-fit to the motor car.

Defect code manual

2109050021

Repair code manual

| Number | Description | Time |
|----------|---------------------|------------|
| 2100500R | Oil seal - Rear hub | 4.25 hours |

Parts affected

| Displaced part number | Description | Quantity | New Part number |
|-----------------------|------------------------------|----------|-----------------|
| UG 12013 | Grease retainer - left hand | 1 | |
| UG 12012 | Grease retainer - right hand | 1 | |
| UG 12260 | Disc shield - right hand | 1 | |
| UG 12261 | Disc shield - left hand | 1 | |
| | Oil seal | 2 | UR 70222 |
| | Seal retainer | 2 | UR 70221 |

