

EXCESSIVE LEAKAGE OF OIL AT THE CENTRE STEERINGLEVER AND STUB AXLES(CENTRALISED CHASSIS LUBRICATION SYSTEM).FOR INFORMATION:

The information contained in this Bulletin will be of assistance to Retailers, in the event of complaint being received of excessive leakage of oil at the centre steering lever pivot assembly and the stub axles, leaving a pool of oil on the ground after the car has stood for several hours or overnight.

CAUSE:

When the pedal of the chassis oil pump is operated, a relatively large quantity of air is trapped in the three ball joints connected to the centre steering lever and compressed. During the next few hours, the trapped air expands, pushing the oil along until it escapes past the fulcrum pin bearings of the centre steering lever pivot assembly and the bearings of the stub axles.

REMEDY:

The cure lies in packing the four joints of the cross steering tubes and the ball joint at the front end of the side steering tube with a soft type of grease such as Duckham's HBB grease in order to displace the air.

It should be noted that the Chassis Oil Pump develops sufficient pressure to clear the oil feed pipe on the centre steering lever clear of grease.

TO REMOVE THE BALL JOINT AT THE FRONT END OF THE SIDE STEERING TUBE FROM THE CENTRE STEERING LEVER, PACK WITH GREASE AND REFIT.

- (i ) Remove the front right-hand undershield. Jack up front wheels and turn wheels to full right-hand lock.
- (ii ) Remove split pin and nut from ball pin.
- (iii) Place a substantial steady block in contact with the lever near the ball pin to be removed, in order to provide a solid re-action point, and then with the aid of a large steel drift and hammer, give the eye of the lever (adjacent to the ball pin) one or more sharp blows which will release the tapered shank of the pin from its location in the lever. NOTE: The above method applies to all the ball joints to be removed.
- (iv ) Collect the pressure spring and the sealing disc.
- (v ) Remove the cap nut of the joint (see Fig.1) and completely pack the joint with grease.