

REAR AXLE, DIFFERENTIAL AND AXLE SHAFTS

Proceed as per Rear Axle - Differential (Except **Spider 1.6**) - Reassembly - Adjusting the Ring Gear and Pinion Gear Play.

CONCLUDING REASSEMBLY

1. Proceed as per Rear Axle - Differential (Except **Spider 1.6**) - Reassembly - Concluding reassembly - steps 1-5.
2. Using tool **A.2.0144**, slip the propeller shaft coupling flange on to the end of the pinion, then add the tab washer and screw on the ring nut, locking it to the specified torque with the aid of a torque wrench equipped with extension **A.5.0104**.

T : Tightening torque

Ring nut securing the propeller shaft coupling flange

78 thru 137 N·m
(8 thru 14 kg·m)
(58 thru 101 ft·lb)

3. Bend back tabs and remove tool **A.2.0144**.

4. Proceed with the complete assembly of the rear axle-differential unit by carrying out the disassembly operations in reverse order and adhering to the following instructions:

- Using tool **A.3.0160**, assemble the two new seal rings on the right and lefthand pipes, having lubricated as instructed.

Seal rings of the axle shafts

- Sealing lip and work area on the axle shafts.

Grease:

ISECO Molykote BR2

- External surface of the seal ring.

Oil:

AGIP Rotra SX 75W90

IP Pontiax HDS 75W90

SHELL Spirax HD 80W90

- Observe the following tightening torques:

T : Tightening torques

Nuts securing the shoe holders to the axle pipe

47 thru 54 N·m
(4.8 thru 5.5 kg·m)
(34.7 thru 39.8 ft·lb)

Screws clamping the brake caliper to the shoe holders.

44 thru 54 N·m
(4.5 thru 5.5 kg·m)
(32.4 thru 39.8 ft·lb)

INSTALLATION

Work as per Rear Axle Differential (Except **Spider 1.6**) - Installation.

