



REAR AXLE

Service repair no - 51.25.01

Remove



WARNING: Remove and refit of axle requires a further two persons to steady the axle when lowering or repositioning axle.

1. Drain brake system.
2. Support chassis rear.
3. Remove road wheels.
4. Support axle weight with hydraulic jack.
5. Disconnect ABS wiring harness multi-plug at jump hose bracket, if applicable.
6. Disconnect shock absorbers.
7. Disconnect flexible brake hose at connection under floor.
8. Disconnect lower links at axle.
9. Mark differential and propeller shaft flanges with identification marks for assembly. Remove four nuts and bolts. Lower propeller shaft and tie to one side.

10. Disconnect pivot bracket ball joint at axle bracket.
11. Release bolts and remove coil spring retaining plates.
12. Lower axle and remove road springs.
13. Disconnect anti-roll[sway] bar links to axle. **See REAR SUSPENSION, Repair, Anti-Roll[Sway] Bar Ball Joint Links**
14. Remove axle assembly.

Refit

15. Position axle and fit lower links. Tighten to **176 Nm**
16. Reverse removal procedure.
17. Tighten pivot bracket ball joint to axle to **176 Nm**.
18. Tighten propeller shaft to differential drive flange to **47 Nm**
19. Bleed brake system. **See BRAKES, Repair, Brake System Bleed**

