



DESCRIPTION

The welded steel rear axle casing houses a separate spiral bevel type differential unit, which is off set to the right of the vehicle centre line. The differential unit drives the rear wheels via the axle shafts and fully floating hubs which are mounted on tapered roller bearings.

Lubrication

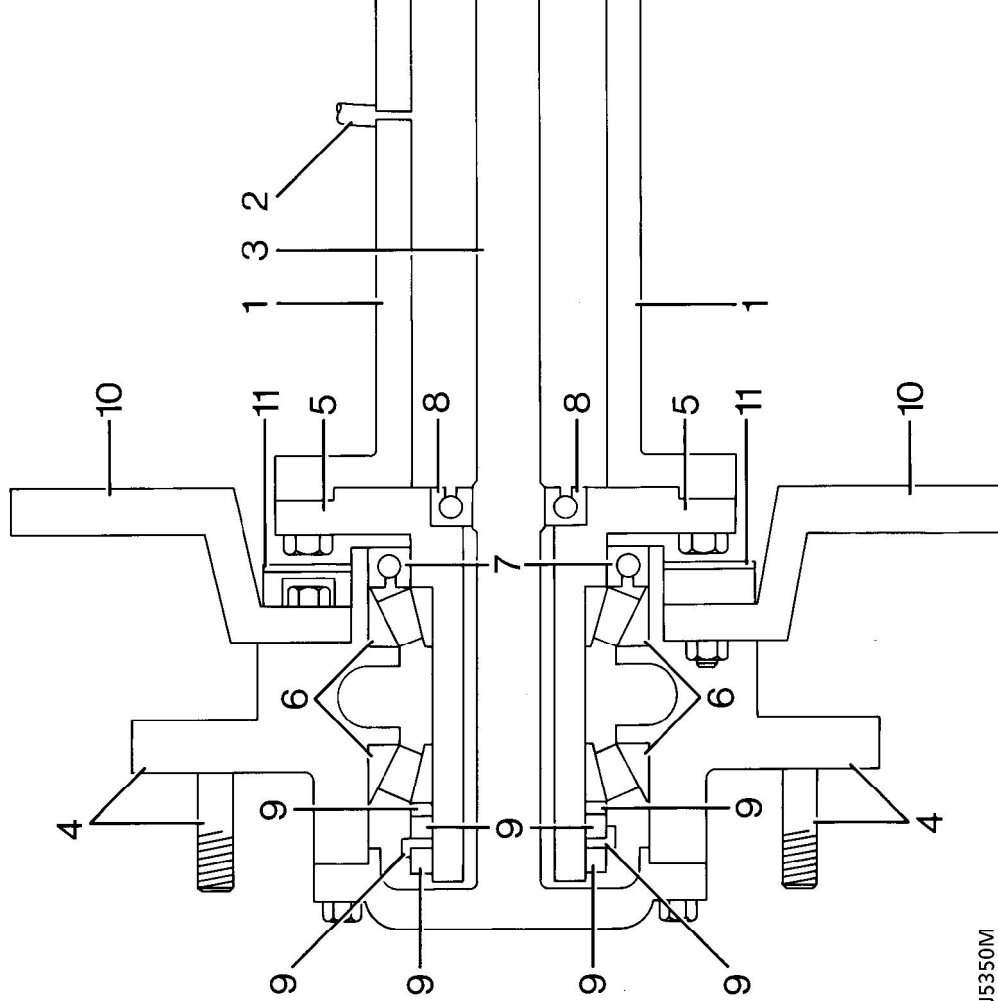
The differential is lubricated with oil and the hub bearings with grease. The hub bearings are fitted

with inner and outer seals. The outer seals prevent the differential oil mixing with the hub grease and the inner seals prevent dirt ingress into the hub.

Ventilation

Ventilation of the hub bearings is through the outer oil seals and the differential ventilation pipe, which terminates at a high level.

The wheel hubs on axles with ABS brakes share the same construction to non ABS axles except for the addition of a sensor ring 11 on the brake disc 10.



J5350M

Rear axle hub

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|----------------------------|---|
| 1. Axle casing | 7. Inner hub seal |
| 2. Ventilation pipe | 8. Outer hub/axle shaft seal |
| 3. Axle shaft | 9. Hub lock plate, thrust washer and nuts (2) |
| 4. Wheel studs and hub | 10. Brake disc |
| 5. Wheel bearing stub axle | 11. Sensor ring, ABS |
| 6. Wheel bearings (2) | |