

CHASSIS INSPECTION

MA04V-01

1. INSPECT STEERING LINKAGE

- (a) Check the steering linkage for looseness or damage.
 - Check that the tie rod ends do not have excessive play.
 - Check that the boot clamps are not loose.
- (b) Inspect the dust cover for damage.

2. INSPECT SRS AIRBAG

(Driver airbag: See page [RS-9](#))

(Front passenger airbag: See page [RS-23](#))

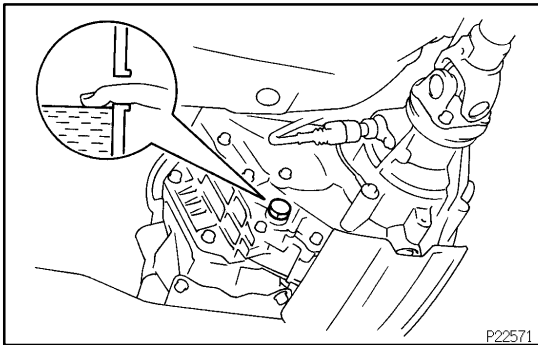
3. INSPECT STEERING GEAR HOUSING OIL

Check the steering gear housing for oil leakage.

If leakage is found, check for cause and repair.

4. INSPECT OIL LEVEL IN AUTOMATIC TRANSMISSION

(See page [DI-131](#))



5. INSPECT OIL LEVEL IN TRANSFER AND DIFFERENTIAL

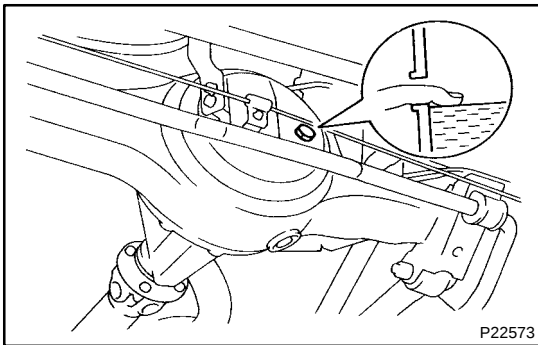
(a) Transfer:

Remove the filler plug and feel inside the hole with your finger. Check that the oil comes to within 5 mm (0.20 in.) of the bottom edge of the hole.

If the level is low, add oil until it begins to run out of the filler hole.

Oil grade: API GL-4 or GL-5

Viscosity: 75W-90



(b) Differential:

Remove the filler plug and feel inside the hole with your finger. Check that the oil comes to within 5 mm (0.20 in.) of the bottom edge of the hole.

If the level is low, add oil until it begins to run out of the filler hole.

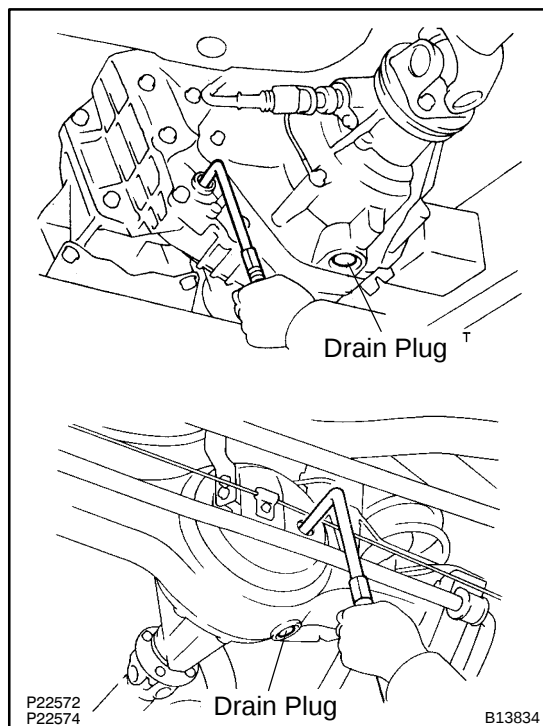
Oil grade: Hypoid gear oil API GL-5

Viscosity:

Above -18°C (0°F) SAE 90

Below -18°C (0°F) SAE 80W-90 or 80W

6. REPLACE AUTOMATIC TRANSMISSION FLUID (See page [DI-3](#))



7. REPLACE TRANSFER AND DIFFERENTIAL OIL

- Remove the drain plug and drain the oil.
- Reinstall the drain plug securely.
- Add new oil until it begins to run out of the filler hole.

Oil grade and viscosity: See step 5.

Oil capacity:

Transfer oil

1.7 liters (1.8 US qts, 1.5 Imp. qts)

Front differential oil (w/o Differential lock)

2.8 liters (3.0 US qts, 2.5 Imp. qts)

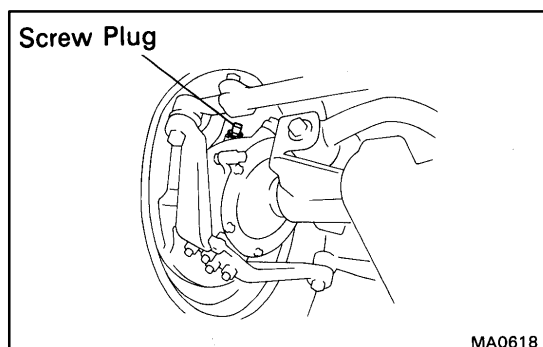
Front differential oil (w/ Differential lock)

2.65 liters (2.8 US qts, 2.3 Imp. qts)

Rear differential oil

3.25 liters (3.4 US qts, 2.9 Imp. qts)

8. REPACK FRONT WHEEL BEARINGS (See pages SA-7 and SA-9)



9. LUBE STEERING KNUCKLE CHASSIS AND PROPELLER SHAFT

- Remove the screw plug from each steering knuckle and repack with lubricant.

Steering knuckle grease:

Molybdenum disulfide lithium base chassis grease (NLGI No. 2)

- Reinstall the 2 screw plugs.
- Lubricate chassis components, referring to the lubrication chart. Before pumping in grease, wipe off any mud and dust on the grease fitting.

Grease grade:

Lithium base chassis grease (NLGI No. 2)

