

# 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](#))

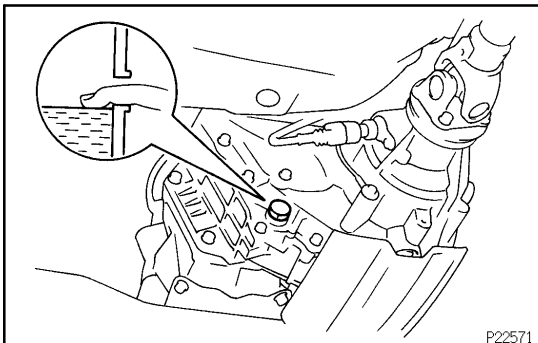
## 3. INSPECT STEERING GEAR HOUSING OIL

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

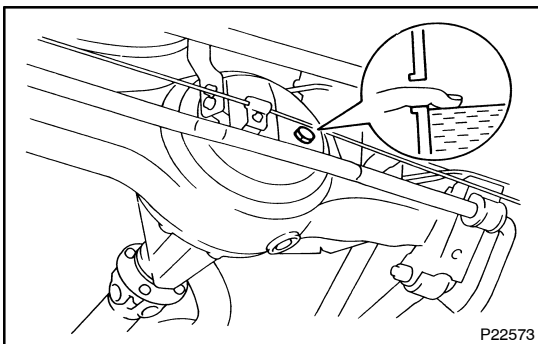
- (a) Transfer:

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**

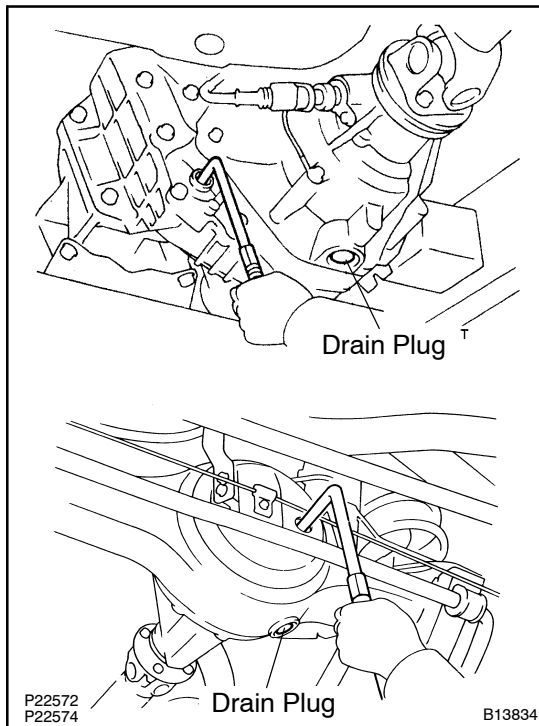
**Viscosity:**

**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)

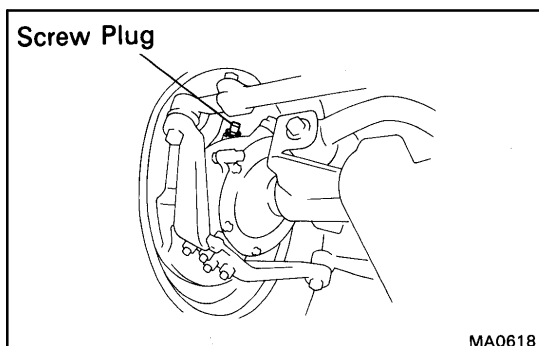
**Front differential oil (w/ Differential lock)**

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)**

