

# CHASSIS

## GENERAL MAINTENANCE

### 1. INSPECT STEERING LINKAGE

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

### 2. INSPECT STEERING GEAR HOUSING OIL

- (a) Check the steering gear housing for oil leakage. If leakage is found, check for the cause and repair it.

### 3. INSPECT BALL JOINT AND DUST COVER

- (a) Jack up the front of the vehicle and support it with stands.
- (b) Make sure the front wheels are in a straight-ahead position, and depress the brake pedal.
- (c) Jack up the lower suspension arm until there is about half a load on the front suspension.
- (d) Inspect the dust cover for damage.

### 4. INSPECT DRIVE SHAFT BOOTS (for 4WD)

- (a) Inspect the drive shaft boots for clamp looseness, grease leakage or damage.

### 5. INSPECT TRANSFER OIL (for 4WD)

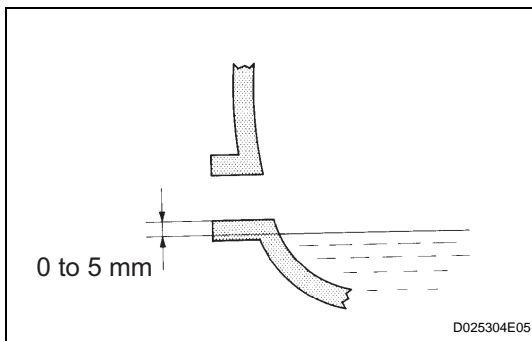
- (a) Remove the filler plug and feel inside the hole with your finger. Check that the oil comes to within 5 mm (0.20 in.) of the bottom edge of the hole. If the level is low, add oil until it begins to run out of the filler hole.

### 6. INSPECT DIFFERENTIAL OIL

- (a) 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.

### 7. REPLACE AUTOMATIC TRANSMISSION FLUID LEVEL

- (a) Check the level of the automatic transmission fluid.



Type	See Procedure
A750E	See page <a href="#">AT-141</a>
A750F	See page <a href="#">AT-148</a>

**8. LUBRICATE PROPELLER SHAFT AND TIGHTEN BOLTS**

(a) 4WD:

- (1) Lubricate propeller shaft, referring to the lubrication chart. Before pumping in grease, wipe off any mud and dust on the grease fitting.

**Grease grade:**

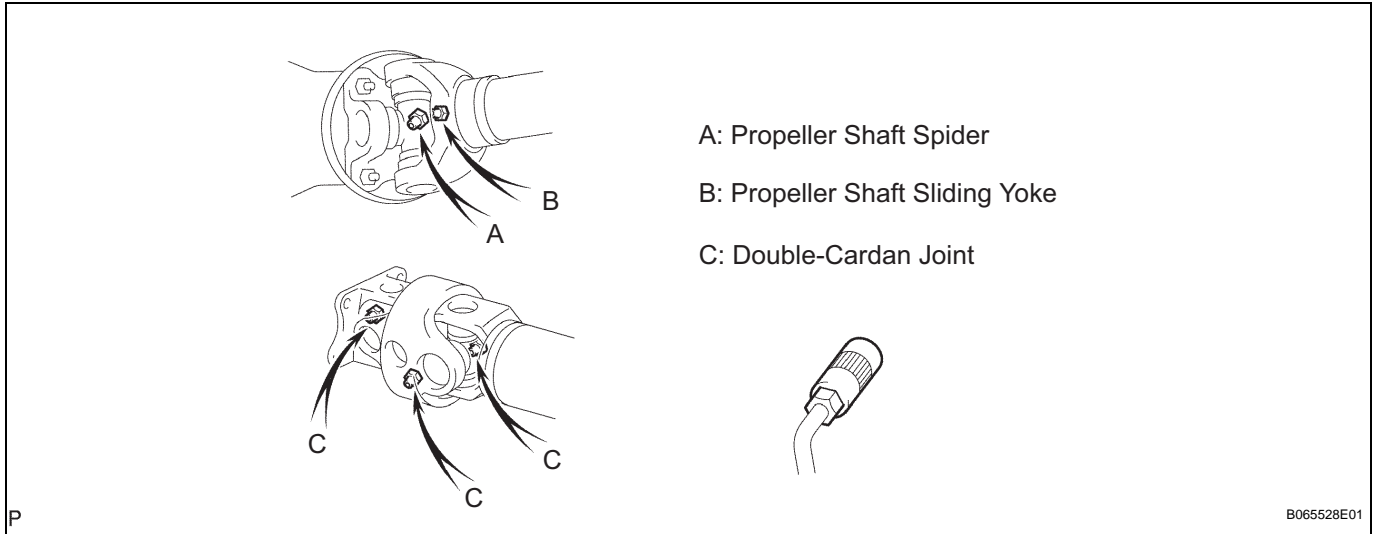
**Spider:**

**Lithium base chassis grease (NLGI No.2)**

**Slide yoke and double-cardan joint:**

**Molybdenum dialulphide lithium base chassis grease (NLGI No.2)**

**MA**



(b) Tighten the bolts of the propeller shaft.

Type	See Procedure
Front propeller shaft	See page <a href="#">PR-6</a>
Rear propeller shaft (for 2WD)	See page <a href="#">PR-14</a>
Rear propeller shaft (for 4WD)	See page <a href="#">PR-14</a>

**9. INSPECT MANUAL TRANSMISSION OIL (See page [MT-2](#))**