

CHASSIS

9901N-06

ON-VEHICLE INSPECTION

1. INSPECT STEERING LINKAGE

- (a) Check the steering wheel freeplay (see page 51-3).
- (b) 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.

2. INSPECT STEERING GEAR HOUSING OIL

- (a) Check the steering gear housing for oil leakage.

If leakage is found, check and repair the cause.

3. INSPECT BALL JOINTS AND DUST COVERS

- (a) Inspect the ball joints for excessive looseness.
- (b) Check the dust cover for damage.

4. 4WD:

INSPECT DRIVE SHAFT BOOTS

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

5. CHECK OIL LEVEL IN TRANSFER (4WD) AND DIFFERENTIAL

- (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.) from the bottom edge of the hole.

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

6. CHECK FLUID LEVEL IN AUTOMATIC TRANSMISSION (See page 40-2)

7. LUBRICATE PROPELLER SHAFT AND TIGHTEN BOLTS

- (a) 4WD:

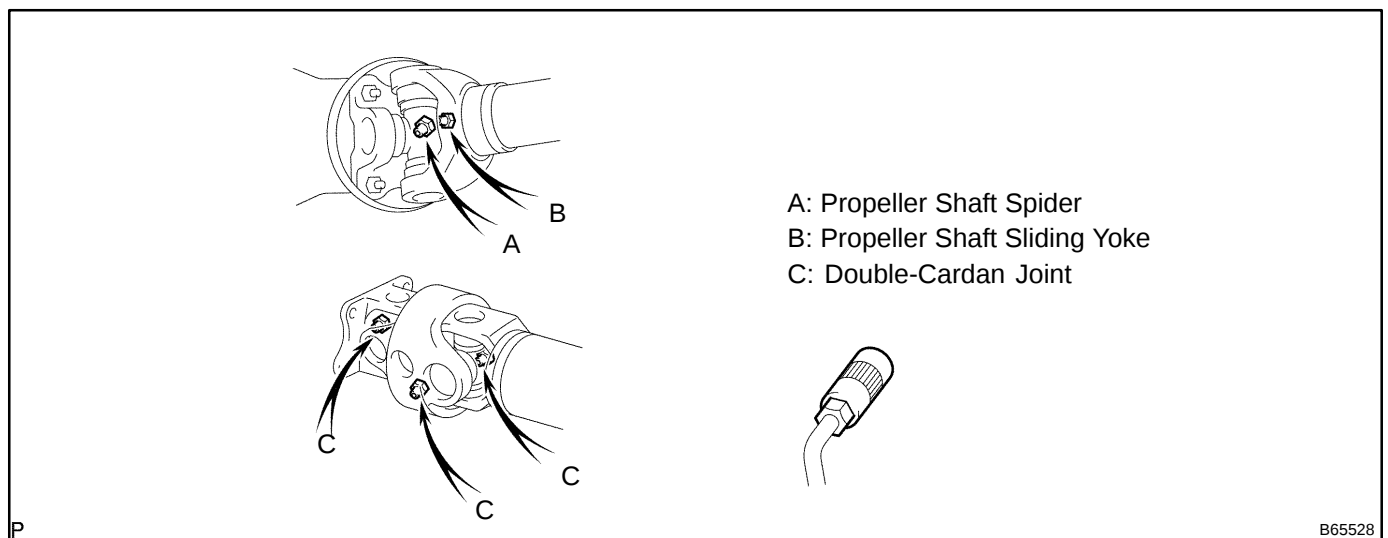
Lubricate propeller shaft, referring to the lubrication chart. Before pumping in grease, wipe off any mud and dust on the grease fitting.

Grease grade:

Spider: Lithium base chassis grease NLGI No. 2

Slide yoke and double-cardan joint:

Molybdenum disulphide lithium base chassis grease NLGI No. 2



- (b) Tighten the bolts for propeller shaft.
(2WD: See page 30-1 1) (4WD: See pages 30-4 and 30-1 1)

8. ROTATE TIRES (See page 28-1)