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.

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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 diaulphide lithium base chassis grease (NLGI No.2)
   (b) Tighten the bolts of the propeller shaft.

<table>
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9. INSPECT MANUAL TRANSMISSION OIL (See page MT-2)