

# CHASSIS

9901A-03

## ON-VEHICLE INSPECTION

### 1. INSPECT STEERING LINKAGE

- (a) Check the steering wheel freeplay (See page 50-3 ).
- (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.
  - (1) Jack up the front of the vehicle and place wooden blocks with a height of 180 – 200 mm (7.09 – 7.87 in.) under the front tires.
  - (2) Lower the jack until there becomes about half a load on the front coil spring. Place stands under the vehicle for safety.
  - (3) Check that the front wheels are pointing straight ahead, and block them with chocks.
  - (4) Using a lever, pry up the end of the lower arm, and check the amount of play.

**Maximum ball joint vertical play: 0 mm (0 in.)**

If there is any play, replace the ball joint.

- (b) Check the dust cover for damage.

### 4. INSPECT DRIVE SHAFT BOOTS

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

### 5. CHECK TRANSAXLE OIL (FLUID)

- (a) Visually check the transaxle for oil (fluid) leakage.

If leakage is found, check and repair the cause.

### 6. 4WD:

**CHECK AND REPLACE TRANSFER OIL (See page 31-3)**

### 7. 4WD:

**CHECK AND REPLACE DIFFERENTIAL OIL (See page 29-7)**

### 8. ROTATE TIRES (See page 28-1)