

# CHASSIS

9901A-15

## ON-VEHICLE INSPECTION

### 1. INSPECT STEERING LINKAGE

- (a) Check the steering wheel free play. (see page 50-3)
- (b) Check the steering linkage for looseness or damage.
  - (1) Check if the tie rod ends do not have excessive play.
  - (2) Check if the dust seals and boots are not damaged.
  - (3) Check if the boot clamps are not loose.

### 2. INSPECT STEERING GEAR HOUSING OIL

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

If oil is leaking, find the cause and repair it.

### 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 to 200 mm (7.09 to 7.87 in.) under the front tires.
  - (2) Lower the vehicle until the front coil spring has about half its ordinary load. Place stands under the vehicle for safety.
  - (3) Check that the front wheels are pointing straight ahead. Use chocks.
  - (4) Using a lever, pry up the end of the lower arm. 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 loose clamps, grease leakage, kink or damage.

### 5. CHECK TRANSAXLE OIL (FLUID)

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

If oil is leaking, find the cause and repair it.

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