

CHASSIS

GENERAL MAINTENANCE

1. INSPECT STEERING LINKAGE AND GEAR HOUSING

- (a) Check the steering wheel free play.
- (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.
 - (4) Check that the steering gear housing is not damaged.
 - (5) Check that the connectors are properly connected to the steering gear housing.

2. 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 wheel chocks on all 4 wheels.
 - (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.

3. INSPECT DRIVE SHAFT BOOTS

- (a) Check the drive shaft boots for loose clamps, grease leakage, kinks or damage.

4. INSPECT AUTOMATIC TRANSAXLE FLUID LEVEL (See page [AX-83](#))

5. INSPECT MANUAL TRANSAXLE OIL (See page [MX-2](#))

6. ROTATE TIRES (See page [TW-3](#))