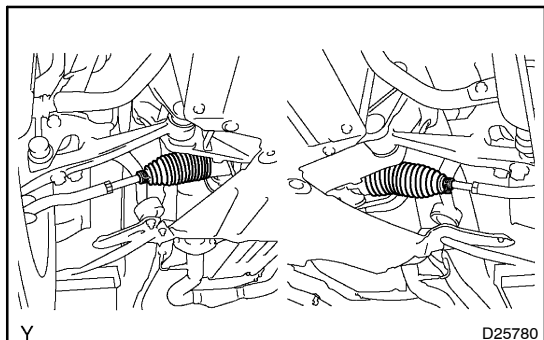


CHASSIS

ON-VEHICLE INSPECTION

9902K-01



1. INSPECT STEERING LINKAGE

- (a) Check the steering wheel free play. ([see page 51-4](#))
- (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. AUTOMATIC TRANSMISSION FLUID LEVEL ([See page 40-2](#))

- (a) Park the vehicle on a level surface.
- (b) With the engine idling and the parking brake applied, shift the selector into all the positions from "P" to "L", and then shift into the "P" position.
- (c) Perform this check with the fluid at the normal driving temperature: 70 to 80°C (158 to 176°F).

HINT:

Wait until the engine cools down (approx. 30 min.) before checking the fluid level after extended driving at high speed, in hot weather, in heavy traffic or pulling a trailer.

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