

# CHASSIS

## GENERAL MAINTENANCE

(2005/11-2006/01)

### 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

- (a) Visually check the transmission for fluid leakage. If oil is leaking, find the cause and repair it.

Type	See procedures
U140F	See page <a href="#">AX-102</a>
U241E	See page <a href="#">AX-102</a>

### 5. INSPECT TRANSFER OIL (for 4WD)

- (a) Visually check the transfer for oil leakage. If oil is leaking, find the cause and repair it.

Type	See procedures
Front Oil	See page <a href="#">TF-45</a>
Rear Oil	See page <a href="#">TF-45</a>

6. **INSPECT REAR DIFFERENTIAL OIL (for 4WD)**
  - (a) For the rear differential oil inspection, refer to the following procedures (see page [DF-3](#)).
7. **ROTATE TIRES (See page [TW-1](#))**