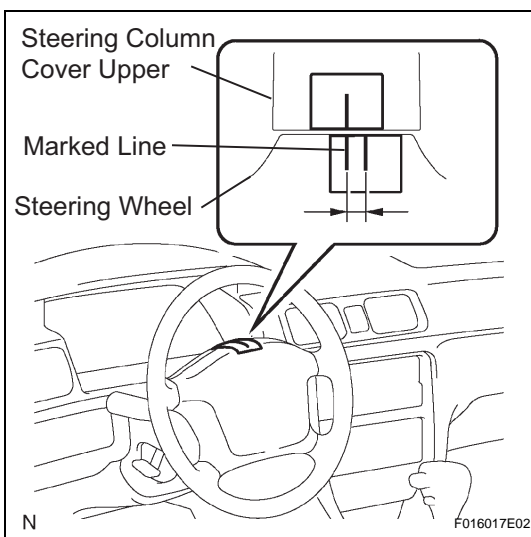
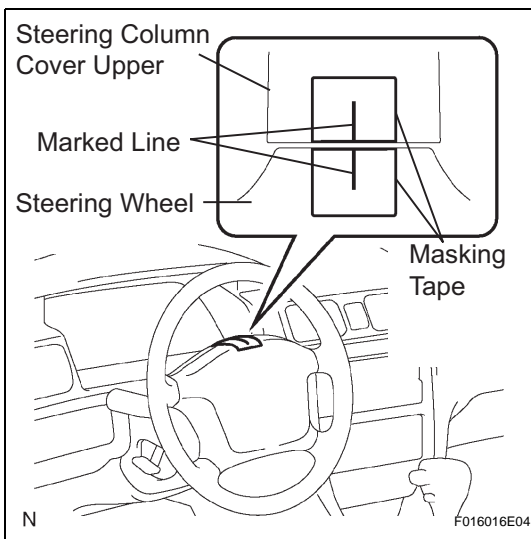
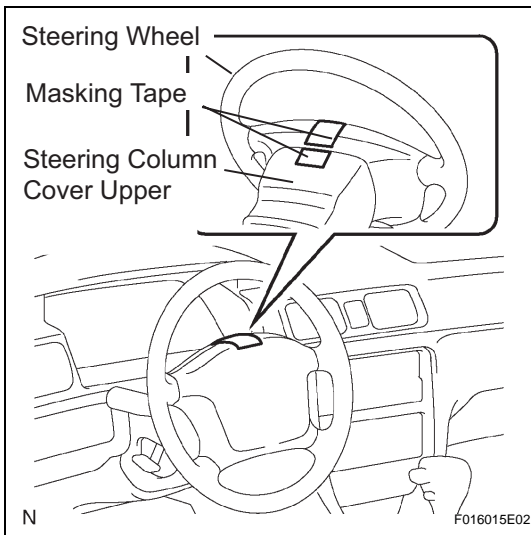


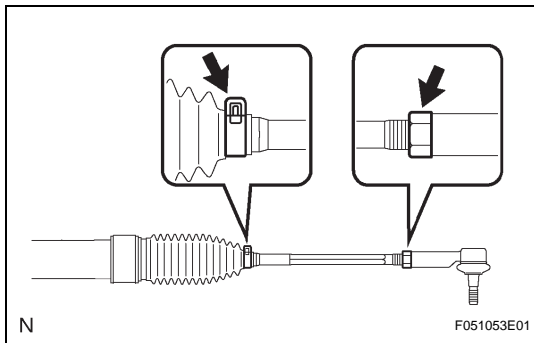
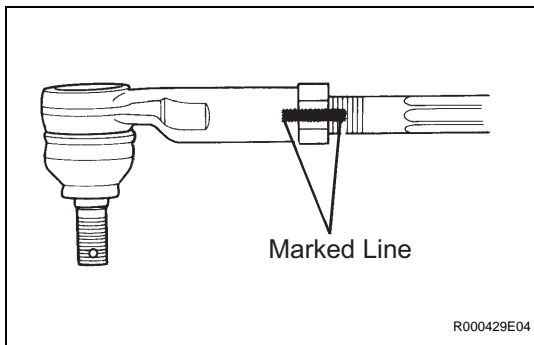
REPAIR

1. INSPECT STEERING POSITION

- (a) Apply masking tape on the top center of the steering wheel and steering column cover upper.
- (b) Drive the vehicle in a straight line for 100 m (3.28 ft.) at a constant speed of 56 km/h (35 mph), and hold the steering wheel to maintain the course.



- (c) Draw a line on the masking tape as shown in the illustration.
- (d) Rotate the steering wheel to the center position.
HINT:
Locate the center position by looking at: 1) the upper surface of the steering wheel, 2) the cover upper, and 3) the horizontal line of the "SRS Airbag" symbol imprinted on the steering pad.
- (e) Draw a new line on the masking tape of the steering wheel as shown in the illustration.
- (f) Measure the distance between the 2 lines on the masking tape of the steering wheel.
- (g) Calculate the measured distance in terms of steering angle.
Reference:
 $1 \text{ mm (0.004 in.)} = 1^\circ$
HINT:
Make a note of the steering angle.



2. ADJUST STEERING ANGLE

- (a) Draw a line on the RH and LH tie rod and rack ends respectively, where it can be easily seen.
- (b) Using a paper gauge, measure the distance from the RH and LH tie rod ends to the rack end screws.

HINT:

- Measure both the RH and LH sides.
- Make a note of the measured values.

- (c) Remove the RH and LH boot clips from the rack boots.
- (d) Loosen the RH and LH lock nuts.
- (e) Turn the RH and LH rack ends equally in different directions according to the steering angle.

Reference:

One 360° turn of rack end (1.5 mm (0.059 in.) horizontal movement) is equal to 12° of steering angle.

- (f) Tighten the RH and LH lock nuts.
Torque: 74 N*m (755 kgf*cm, 55 ft.*lbf)

NOTICE:

Make sure that the difference in length between the RH and LH tie rod ends and rack end screws is within 1.5 mm (0.059 in.).

- (g) Install the RH and LH boot clips.