Removal and Installation

Column Shift Model

1. Driver air bag module
2. Steering wheel
3. Steering wheel side cover
4. Combination switch and spiral cable
5. Steering column assembly
6. Collar
7. Hole cover seal
8. Clamp
9. Hole cover mounting plate
10. Hole cover
11. Upper joint
12. Upper shaft
13. Boot clamp
14. Lower joint shaft
15. Boot and clips (plastic)

Floor Shift Model

1. Driver air bag module
2. Steering wheel
3. Steering wheel side cover
CAUTION:
• Care must be taken not to give axial impact to steering column assembly during removal and installation.
• Care must be taken not to move steering gear during removal of steering column assembly.

REMOVAL
1. Remove spiral cable from steering column assembly with combination switches attached. Refer to SRS-35, "Removal and Installation".
2. Remove tilt lever knob from tilt lever by inserting a suitable tool into slot of tilt lever knob, then depress tab and withdraw tilt lever knob.

3. Remove lower driver instrument panel. Refer to IP-10, "Removal and Installation".
4. Remove steering column cover and ignition key finisher. Refer to IP-10, "Removal and Installation".
5. Remove knee protector screws, then remove knee protector from vehicle.

6. On models equipped with column shift, disconnect shift cable from steering column. Refer to AT-214.

7. Remove lock nut and bolt, then separate lower joint from upper joint.

8. Remove steering member nuts, then remove steering column assembly from steering member.

9. Remove hole cover seal and clamp.
10. Remove nuts, then remove hole cover from dash panel.
11. Raise vehicle, then remove bolt (lower side) of lower joint and remove lower joint from vehicle.

**INSPECTION AFTER REMOVAL**
- Check for damage to steering column jacket tube. If damage is found, replace steering column with new one.
• If vehicle has been in a collision, check column length "L₁" or "L₂" as shown. If out of specification, replace steering column with new one.

<table>
<thead>
<tr>
<th>Steering column length</th>
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<tr>
<td>L₁ : 158 mm (6.22 in)</td>
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<tr>
<td>L₂ : 262 mm (10.31 in)</td>
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• Check for proper lubrication, apply grease as necessary.

INSTALLATION
Installation is in the reverse order of removal.

CAUTION:
When installing the steering column, finger-tighten all of the lower bracket and joint retaining bolts; then tighten them to specification. Do not apply undue stress to the steering column.

NOTE:
Align slit of the coupling joint with projection on dust cover. Insert the joint until surface "A" contacts surface "B".
• After installation, turn steering wheel to make sure it moves smoothly. Make sure the number of turns are the same from the straight-forward position to left and right locks. Make sure that the steering wheel is in a neutral position when driving straight ahead.
• When installing steering column to steering member, install nut from front side of vehicle.

INSPECTION AFTER INSTALLATION
• After installing steering column to vehicle, check tilt device and its operation range is as specified.

  Range "A" : 61.3 mm (2.41 in)

• Check if steering wheel operation can turn to the end of the left and right stops smoothly.