

## 1. Suspension

### 1. IMPROPER VEHICLE POSTURE OR IMPROPER WHEEL ARCH HEIGHT

| Possible causes                                     | Countermeasures            |
|---|----------------------------|
| (1) Permanent distortion or breakage of coil spring | Replace.                   |
| (2) Unsmooth operation of damper strut              | Replace.                   |
| (3) Installation of wrong strut                     | Replace with proper parts. |
| (4) Installation of wrong coil spring               | Replace with proper parts. |

### 2. POOR RIDE COMFORT

- 1) Large rebound shock
- 2) Rocking of vehicle continues too long after running over bump and/or hump.
- 3) Large shock in bumping

| Possible causes  | Countermeasures                               |
|--|---|
| (1) Breakage of coil spring  | Replace.                                      |
| (2) Over-inflation pressure of tire                                | Adjust.                                       |
| (3) Improper wheel arch height                                     | Adjust or replace coil springs with new ones. |
| (4) Fault in operation of damper strut                             | Replace.                                      |
| (5) Damage or deformation of strut mount                           | Replace.                                      |
| (6) Unsuitability of maximum and/or minimum length of damper strut | Replace with proper parts.                    |
| (7) Deformation or loss of bushing                                 | Replace.                                      |
| (8) Deformation or damage of helper in strut assembly              | Replace.                                      |
| (9) Oil leakage of damper strut                                    | Replace.                                      |

### 3. NOISE

| Possible causes  | Countermeasures                    |
|--|------------------------------------|
| (1) Wear or damage of damper strut component parts                 | Replace.                           |
| (2) Loosening of suspension link installing bolt and/or nut        | Retighten to the specified torque. |
| (3) Deformation or loss of bushing                                 | Replace.                           |
| (4) Unsuitability of maximum and/or minimum length of damper strut | Replace with proper parts.         |
| (5) Breakage of coil spring  | Replace.                           |
| (6) Wear or damage of ball joint                                   | Replace.                           |
| (7) Deformation of stabilizer clamp                                | Replace.                           |