

8. General Diagnostic Table S202121

A: INSPECTION S202121A10

1. IMPROPER VEHICLE POSTURE OR IMPROPER WHEEL ARCH HEIGHT S202121A1001

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

2. POOR RIDE COMFORT S202121A1002

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

3. NOISE S202121A1003

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

GENERAL DIAGNOSTIC TABLE

Front Suspension

MEMO: