

9. General Diagnostic Table

A: INSPECTION

1. IMPROPER VEHICLE POSTURE OR IMPROPER WHEEL ARCH HEIGHT

Possible cause	Corrective action
(1) Permanent distortion or damage of the coil spring	Replace.
(2) Rough operation of the damper strut or shock absorber	Replace.
(3) Installation of non-compatible strut or shock absorbers	Replace with appropriate parts.
(4) Installation of non-compatible coil spring	Replace with appropriate parts.

2. POOR RIDE COMFORT

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

Possible cause	Corrective action
(1) Broken coil spring	Replace.
(2) Tire is overinflated.	Adjust.
(3) Improper wheel arch height	Adjust or replace coil springs with new parts.
(4) Improper operation of the damper strut or shock absorber.	Replace.
(5) Abnormal damage or deformation of strut mount or shock absorber mount	Replace.
(6) Improper length (maximum or minimum) of damper strut or shock absorber	Replace with proper parts.
(7) Abnormal damage or deformation of bushing	Replace.
(8) Deformation or damage of the helper in the shock absorber or the strut assembly	Replace.
(9) Oil leakage from the damper strut or shock absorber	Replace.

3. NOISE

Possible cause	Corrective action
(1) Damper strut wear or damage	Replace.
(2) Shock absorber component wear or damage	Replace.
(3) Loosening of the suspension link attachment bolts.	Tighten to the specified torque.
(4) Loss or abnormal deformation of bushing	Replace.
(5) Improper length (maximum or minimum) of damper strut or shock absorber	Replace with proper parts.
(6) Broken coil spring	Replace.
(7) Ball joint wear or damage	Replace.
(8) Stabilizer clamp deformation	Replace.

General Diagnostic Table

FRONT SUSPENSION

REAR SUSPENSION

RS

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