

Note:

Condition of shock absorbers can only be checked with a shock tester or shock absorber testing machine.

Fault	Cause	Remedy
Shock absorbers knocking (bottoming)	a) Rubber damper faulty b) Shock absorber faulty	a) Check/replace rubber damper b) Replace shock absorbers
Shock absorber noise	a) Shock absorber loose b) Installed new shock absorber was stored horizontally with retracted piston rod c) Shock absorber faulty	a) Tighten shock absorbers b) Store shock absorbers standing upright with piston rods run out at room temperature for 24 hours c) Replace shock absorbers
Rattling noise	a) Shock absorber loose b) Upper shock absorber rubber mount faulty c) Lower shock absorber rubber mount faulty d) Stabilizer bracket loose e) Stabilizer rubber mount faulty f) Stabilizer broken	a) Tighten shock absorbers b) Replace rubber mount c) Replace shock absorbers d) Tighten bracket e) Replace rubber mount f) Replace stabilizer
Worn down areas (flattened areas) on tire profile	Shock absorber faulty	Replace shock absorbers
Long after-swinging of body after driving over rough road	Shock absorber effect insufficient	Replace shock absorbers
Whipping of body when driving over successive rough road surfaces	Shock absorber effect insufficient	Replace shock absorbers
Body dipping while accelerating	Shock absorber effect insufficient	Replace shock absorbers
Wheels jumping even on normal road surfaces	Shock absorber effect insufficient	Replace shock absorbers
Braking out of car while braking	Shock absorber effect insufficient	Replace shock absorbers