5100G–07

PROBLEM SYMPTOMS TABLE

Symptom	Inspection Area	See page
Steering is heavy.	• Front tires (improperly inflated, unevenly worn)	28–1
	• Front wheel alignment (Incorrect)	26–5
	• Front suspension (Lower ball joint)	26–21
	• Steering gear assy	51–7
	• Torque sensor (built into steering column)	50–8
	• Steering column assy	50–8
	• Power steering motor	50–8
	• Battery and power source system	–
	• Power steering ECU	50–17
Steering effort differs between right and left or is uneven.	• Steering center point (zero point) (not recorded completely)	05–981
	• Front tires (improperly inflated, unevenly worn)	28–1
	• Front wheel alignment (Incorrect)	26–5
	• Front suspension (Lower ball joint)	26–21
	• Steering gear assy	51–7
	• Torque sensor (built into steering column)	50–8
	• Steering column assy	50–8
	• Power steering motor	50–8
	• Power steering ECU	50–17
While driving, steering effort does not change in accordance with vehicle speed or steering wheel does not return properly.	• Front suspension	26–5
	• Speed sensor	–
	• Skid control ECU	32–82 32–81
	• Combination meter	–
	• Engine speed detection circuit	–
	• Torque sensor (built into steering column)	50–8
	• Power steering motor	50–8
	• Power steering ECU	50–17
Knocking (or clunking) sound occurs when turning steering wheel back and forth while power steering is in operation.	• Front suspension	26–5
	• Steering intermediate shaft	–
	• Steering gear assy	50–8
Friction sound occurs when turning steering wheel during low speed driving.	• Power steering motor	50–8
	• Steering column assy	50–8
High–pitched sound (squeaking) occurs when turning steering wheel slowly with vehicle stopped.	• Power steering motor	50–8
Steering wheel vibrates and noise occurs when turning steering wheel from lock to lock.	• Power steering motor	50–8
	• Steering column assy	50–8