8. General Diagnostic Table

A: INSPECTION

1. IMPROPER VEHICLE POSTURE OR IMPROPER WHEEL ARCH HEIGHT

Possible cause	Corrective action
(1) Permanent distortion or damaged coil spring	Replace.
(2) Rough operation of damper strut or shock absorber	Replace.
(3) Improper installation of strut or shock absorber	Replace with proper parts.
(4) Installation of the 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) Excessive shock in bumping

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

3. NOISE

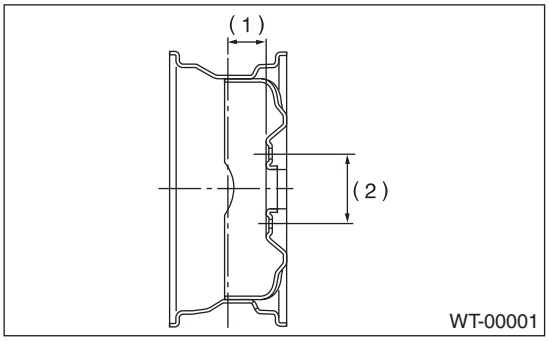
Possible cause	Corrective action
(1) Worn or damaged damper strut	Replace.
(2) Wear or damage of shock absorber components	Replace.
(3) Loosening of the suspension link installing bolt	Tighten to the specified torque.
(4) Damage or deformation of bushing	Replace.
(5) Improper length (maximum or minimum) of damper strut or shock absorber	Replace with proper parts.
(6) Damaged coil spring	Replace.
(7) Wear or damage of the ball joint	Replace.
(8) Deformation of the stabilizer clamp	Replace.

WHEEL AND TIRE SYSTEM

WT

1. General Description

A: SPECIFICATION



(1) Offset
(2) P.C.D.

	Model	Tire size	Rim size	Rim offset mm (in)	P.C.D. mm (in)
Front and rear	X	P215/60 R16 94H	16 × 61/2JJ, 16 × 61/2J	48 (1.89)	100 (3.94) Dia.
	XS		16 × 61/2JJ		
	XT	P215/60 R16 94H			
		P215/55 R17 93H	17 × 7JJ		
	L.L. Bean	P215/60 R16 94H	16 × 61/2JJ		
Spare tire	X, XS, XT L.L. Bean	T135/80 D16	16 × 4T	50 (1.97)	100 (3.94) Dia.
		*1 T135/90 D16			
	*2 X, *2 XS, *2 L.L. Bean	Equipped with a spare tire of the same size as the front and rear tire.			

*1: VDC option equipped vehicle
*2: Vehicle for Canada

NOTE:
Vehicles for Canada excluding non-turbo model are supplied with “T type” spare tires for temporary use.

	Model	Tire size	Tire inflation pressure kPa (kgf/cm^2, psi)	
			Low load	Full load
Front and rear	X, XS, L.L. Bean	P215/60 R16 94H	Front: 200 (2.0, 29) Rear: 190 (1.9, 28)	Front: 200 (2.0, 29) Rear: 250 (2.5, 36)
	XT	P215/60 R16 94H	Front: 200 (2.0, 29) Rear: 190 (1.9, 28)	Front: 200 (2.0, 29) Rear: 250 (2.5, 36)
		P215/55 R17 93H	Front: 220 (2.2, 32) Rear: 210 (2.1, 30)	Front: 220 (2.2, 32) Rear: 220 (2.2, 32)
“T-type” Tire	XT	T135/80 D16	420 (4.2, 60)	—
		* T135/90 D16		

*: VDC option equipped vehicle

NOTE:
Rear tire inflation pressure when towing a trailer

16-inch tire	280 kPa (2.8 kg/cm^2, 41 psi)
17-inch tire	250 kPa (2.5 kg/cm^2, 36 psi)