1. Brakes

A: SPECIFICATIONS

1. MODELS WITH ABS OR ABS/TCS

Model		Sedan			Wagon		
Engine (cc)		2200			2200		
Driving system		FWD	AWD		FWD	AWD	
		L	L	LS	L	L	LS
Front brake	Type	Disc (Floating type, ventilated)					
	Effective disc diameter mm (in)	210 (8.27)					
	Disc thickness x Outer diameter mm (in)	24 x 260 (0.94 x 10.24)					
	Effective cylinder diameter mm (in)	57.2 (2.252)					
	Pad dimensions (length x width x thickness) mm (in)	112.4 x 44.3 x 11.0 (4.43 x 1.744 x 0.433)					
	Clearance adjustment	Automatic adjustment					
Rear brake	Type	Disc (Floating type)					
	Effective disc diameter mm (in)	230 (9.06)					
	Disc thickness x Outer diameter mm (in)	10 x 266 (0.39 x 10.47)					
	Effective cylinder diameter mm (in)	34.9 (1.374)			38.1 (1.500)		
	Pad dimensions (length x width x thickness) mm (in)	92.4 x 33.7 x 10.0 (3.638 x 1.327 x 0.394)					
	Clearance adjustment	Automatic adjustment					

SPECIFICATIONS AND SERVICE DATA

Model		4 Door Sedan			Wagon		
Engine (cc)		2200			2200		
Driving system		FWD	AWD		FWD	AWD	
		L	L	LS	L	L	LS
Hill holder		—	★	—	—	★	—
Parking brake	Type	Mechanical on rear brakes, drum in disc					
	Effective drum diameter mm (in)	170 (6.69)					
	Lining dimensions (length x width x thickness) mm (in)	162.6 x 30.0 x 3.2 (6.40 x 1.181 x 0.126)					
	Clearance adjustment	Manual adjustment					
Master cylinder	Type	Tandem					
	Effective diameter mm (in)	26.99 (1-1/16)					
	Reservoir type	Sealed type					
	Brake fluid reservoir capacity cm^3 (cu in)	190 (11.59)					
Brake booster	Type	Vacuum suspended					
	Effective diameter mm (in)	205 + 230 (8.07 + 9.06)					
Proportioning valve	Split point kPa (kg/cm^2, psi)	2,942 (30.0, 427)					
	Reducing ratio	0.3					
Brake line		Dual circuit system					
ABS		—	OP	STD	—	OP	STD
ABS/TCS		OP	—		OP	—	

★: Equipped on manual transmission vehicle. (Except TCS model)

2. MODELS WITHOUT ABS OR ABS/TCS

Model		Sedan		Wagon			
Engine (cc)		2200					
Driving system		FWD	AWD	FWD	AWD		
		L	L	L	POST	BRIGHTON	L
Front brake	Type	Disc (Floating type, ventilated)					
	Effective disc diameter mm (in)	210 (8.27)					
	Disc thickness x Outer diameter mm (in)	24 x 260 (0.94 x 10.24)					
	Effective cylinder diameter mm (in)	57.2 (2.252)					
	Pad dimensions (length x width x thickness) mm (in)	112.4 x 44.3 x 11.0 (4.43 x 1.744 x 0.433)					
	Clearance adjustment	Automatic adjustment					
Rear brake	Type	Drum (Leading-Trailing type)					
	Effective drum diameter mm (in)	228.6 (9)					
	Effective cylinder diameter mm (in)	17.4 (0.685)		19.0 (0.748)			
	Lining dimensions (length x width x thickness) mm (in)	218.8 x 35.0 x 4.1 (8.61 x 1.378 x 0.161)					
	Clearance adjustment	Automatic adjustment					

SPECIFICATIONS AND SERVICE DATA

Model		Sedan		Wagon			
Engine (cc)		2200					
Driving system		FWD	AWD	FWD	AWD		
		L	L	L	POST	BRIGHTON	L
Hill holder		★	★	—	—	—	★
Parking brake	Type	Mechanical on rear brakes, drum in disc					
	Effective drum diameter mm (in)	228.6 (9)					
	Lining dimensions (length x width x thickness) mm (in)	218.8 x 35.0 x 4.1 (8.61 x 1.378 x 0.161)					
	Clearance adjustment	Automatic adjustment					
Master cylinder	Type	Tandem					
	Effective diameter mm (in)	23.81 (15/16)					
	Reservoir type	Sealed type					
	Brake fluid reservoir capacity cm^3 (cu in)	190 (11.59)					
Brake booster	Type	Vacuum suspended					
	Effective diameter mm (in)	230 (9.06)					
Proportioning valve	Split point kPa (kg/cm^2, psi)	3,678 (37.5, 533)					
	Reducing ratio	0.3					
Brake line		Dual circuit system					

★: Equipped on manual transmission vehicle.

3. 2500 cc MODEL

Model		Sedan		Wagon		
Engine (cc)		2500				
Driving system		AWD				
		GT	LSi	GT	LSi	OUTBACK
Front brake	Type	Disc (Floating type, ventilated)				
	Effective disc diameter mm (in)	228 (8.98)				
	Disc thickness x Outer diameter mm (in)	24 x 277 (0.94 x 10.91)				
	Effective cylinder diameter mm (in)	42.8 (1.687) x 2				
	Pad dimensions (length x width x thickness) mm (in)	112.3 x 50.0 x 11.0 (4.42 x 1.969 x 0.433)				
	Clearance adjustment	Automatic adjustment				
Rear brake	Type	Disc (Floating type)				
	Effective disc diameter mm (in)	230 (9.06)				
	Disc thickness x Outer diameter mm (in)	10 x 266 (0.39 x 10.47)				
	Effective cylinder diameter mm (in)	38.1 (1.500)				
	Pad dimensions (length x width x thickness) mm (in)	92.4 x 33.7 x 10.0 (3.638 x 1.327 x 0.394)				
	Clearance adjustment	Automatic adjustment				

SPECIFICATIONS AND SERVICE DATA

Model		Sedan		Wagon		
Engine (cc)		2500				
Driving system		AWD				
		GT	LSi	GT	LSi	OUTBACK
Hill holder		—	—	—	—	—
Parking brake	Type	Mechanical on rear brakes, drum in disc				
	Effective drum diameter mm (in)	170 (6.69)				
	Lining dimensions (length x width x thickness) mm (in)	162.6 x 30.0 x 3.2 (6.40 x 1.181 x 0.126)				
	Clearance adjustment	Manual adjustment				
Master cylinder	Type	Tandem				
	Effective diameter mm (in)	26.99 (1-1/16)				
	Reservoir type	Sealed type				
	Brake fluid reservoir capacity cm^3 (cu in)	190 (11.59)				
Brake booster	Type	Vacuum suspended				
	Effective diameter mm (in)	205 + 230 (8.07 + 9.06)				
Proportioning valve	Split point kPa (kg/cm^2, psi)	3,678 (37.5, 533)				
	Reducing ratio	0.3				
Brake line		Dual circuit system				
ABS		STD				

B: SERVICE DATA

ITEM		STANDARD	SERVICE LIMIT
Front brake	Pad thickness (including back metal)	17 mm (0.67 in)	7.5 mm (0.295 in)
	Disc thickness	24 mm (0.94 in)	22 mm (0.87 in)
	Disc runout	—	0.075 mm (0.0030 in)
Rear brake (Disc type)	Pad thickness (including back metal)	15 mm (0.59 in)	6.5 mm (0.256 in)
	Disc thickness	10 mm (0.39 in)	8.5 mm (0.335 in)
	Disc runout	—	0.10 mm (0.0039 in)
Rear brake (Drum type)	Inside diameter	228.6 mm (9 in)	230.6 mm (9.08 in)
	Lining thickness	4.1 mm (0.161 in)	1.5 mm (0.059 in)
Rear brake (Disc type parking)	Inside diameter	170 mm (6.69 in)	171 mm (6.73 in)
	Lining thickness	3.2 mm (0.126 in)	1.5 mm (0.059 in)
Parking brake	Lever stroke	7 to 8 notches/196N (20 kg, 44 lb)	

			Without ABS and TCS	With ABS and TCS
Brake booster		Brake pedal force	Fluid pressure	
	Brake fluid pressure without engine running	147 N (15 kg, 33 lb)	785 kPa (8 kg/cm^2, 114 psi)	588 kPa (6 kg/cm^2, 85 psi)
		294 N (30kg, 66 lb)	2,158 kPa (22 kg/cm^2, 313 psi)	1,667 kPa (17 kg/cm^2, 242 psi)
	Brake fluid pressure with engine running and vacuum at 66.7 kPa (500 mmHg, 19.69 inHg)	147 N (15 kg, 33 lb)	5,492 kPa (56 kg/cm^2, 796 psi)	5,394 kPa (55 kg/cm^2, 782 psi)
		294 N (30kg, 66 lb)	8,434 kPa (86 kg/cm^2, 1,223 psi)	10,003 kPa (102 kg/cm^2, 1,450 psi)

C: RECOMMENDED BRAKE FLUID

FMVSS No. 116, fresh DOT3 or 4 brake fluid

CAUTION:

- **Avoid mixing brake fluid of different brands to prevent the fluid performance from degrading.**
- **When brake fluid is supplemented, be careful not to allow any dust into the reservoir.**
- **Use fresh DOT3 or 4 brake fluid when replacing or refilling the fluid.**

D: BRAKE FLUID LEVEL INDICATOR

Reserve tank with level indicator:
Residual fluid quantity at light ON
Approx. 80 cm^3 (4.88 cu in)
Tank capacity
190 cm^3 (11.59 cu in)