BRAKE

SERVICE DATA

0314W–02

Brake pedal height (from dash panel)	LHD: RHD:	181.6 – 191.6 mm (7.150 – 7.543 in.) 180.6 – 190.6 mm (7.110 – 7.504 in.)
Rod operating adapter length	w/o VSC: w/ VSC:	237.0 – 238.0 mm (9.331 – 9.370 in.) 220.2 – 221.2 mm (8.669 – 8.709 in.)
Brake pedal free play		1 – 6 mm (0.04 – 0.24 in.)
Stop light switch clearance		0.5 – 2.5 mm (0.020 – 0.098 in.)
Pedal reserve distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf)		
Gasoline engine	w/o ABS: w/ ABS: w/ VSC:	More than 55 mm (2.17 in.) More than 52 mm (2.05 in.) More than 55 mm (2.17 in.)
Diesel engine	w/o ABS: w/ ABS: w/ VSC:	More than 44 mm (1.73 in.) More than 44 mm (1.73 in.) More than 55 mm (2.17 in.)
Brake booster push rod clearance		0 mm (0 in.)
Vacuum pump standard value (1KD–FTV/1KZ–TE)		More than 650 mmHg (86.7 kPa)
Vacuum pump standard value (5L–E)		More than 650 mmHg (86.7 kPa)
Front pad lining thickness		Standard thickness: 11.5 mm (0.453 in.) Minimum thickness: 1.0 mm (0.039 in.)
Front disc thickness		Standard thickness: 28.0 mm (1.102 in.) Minimum thickness: 26.0 mm (1.024 in.)
Front disc runout		Maximum disc runout: 0.05 mm (0.0020 in.)
Rear pad lining thickness		Standard thickness: 10.0 mm (0.394 in.) Minimum thickness: 1.0 mm (0.039 in.)
Rear disc thickness		Standard thickness: 18.0 mm (0.709 in.) Minimum thickness: 16.0 mm (0.630 in.)
Rear disc runout		Maximum disc runout: 0.20 mm (0.0079 in.)
Load sensing w/ spring valve rear brake fluid pressure	3 door: 5 door:	3,400 ± 600 kPa (34.7 ± 6.1 kgf/cm^2, 493 ± 87 psi) 4,400 ± 600 kPa (44.9 ± 6.1 kgf/cm^2, 638 ± 87 psi)