

2008 Mazda CX-9 Grand Touring

2008 BRAKES Technical Data (Brakes) - Mazda CX-9

2008 BRAKES**Technical Data (Brakes) - Mazda CX-9****BRAKES TECHNICAL DATA****BRAKES TECHNICAL DATA SPECIFICATION**

Item	Specification
Brake fluid type	SAE J1703, FMVSS 116 DOT-3
Brake pedal height (reference value)	206.3 mm {8.122 in}
Brake pedal play	2-5 mm {0.08-0.19 in}
Brake pedal-to-floor clearance (Brake pedal when depressed at 147 N {15.0 kgf, 33.0 lbf})	97.6 mm {3.84 in} or more
Front disc plate runout limit	0.05 mm {0.002 in}
Minimum front disc plate thickness	26 mm {1.03 in}
Minimum front disc plate thickness after machining using a brake lathe on-vehicle	26.8 mm {1.06 in}
Minimum front disc pad thickness	2.0 mm {0.08 in}
Rear disc plate runout limit	0.05 mm {0.002 in}
Minimum rear disc plate thickness	16 mm {0.63 in}
Minimum rear disc plate thickness after machining using a brake lathe on-vehicle	16.8 mm {0.66 in}
Minimum rear disc pad thickness	2.0 mm {0.08 in}
Parking brake pedal stroke when depressed at 180 N {18.4 kgf, 40.5 lbf}	1-3 notches
Minimum parking brake shoe thickness	1.0 mm {0.04 in}
Maximum rear disc plate inner diameter	191.0 mm {7.52 in}

Master cylinder fluid pressure**MASTER CYLINDER FLUID PRESSURE REFERENCE CHART**

Vacuum amount at 0 kPa (0 mmHg, 0 inHg)	
Pedal force	Fluid pressure
200 N {20.4 kgf, 44.9 lbt}	520 kPa {5.31 kgf/cm ² , 75.5 psi} or more

Master cylinder fluid pressure**MASTER CYLINDER FLUID PRESSURE REFERENCE CHART**

Vacuum amount at 66.7 kPa {500 mmHg, 19.7 inHg}	
Pedal force	Fluid pressure
200 N {20.4 kgf, 44.9 lbt}	9,000 kPa {91.78 kgf/cm ² , 1,306 psi} or more