



2008 MITSUBISHI LANCER EVOLUTION

TECHNICAL AND MECHANICAL SPECIFICATIONS

ENGINE		GSR/MR	
Engine Type	2.0L MIVEC I4 turbocharged/intercooled		
Engine Code	4B11 T/C		
Valve Train	DOHC, 16-valve, Mitsubishi Innovative Valve-timing Electronic Control system (MIVEC)		
Displacement (cu in./cc)	122/1998		
Bore x Stroke (in./mm)	3.4 x 3.4 / 86.0 x 86.0		
Compression Ratio	9.0:1		
Horsepower @ RPM (BHP) (Fed./Cal.)	291 @ 6500		
Torque @ RPM (lb.-ft.) (Fed./Cal.)	300 lb.-ft. @ 4400		
Engine Block	Aluminum		
Cylinder Heads	Aluminum		
Redline RPM	7,000		
Fuel System	MPI		
Emissions	Fed: Tier 2 bin 5		
Recommended Fuel	Premium Unleaded, 91 AKI min.		
Radiator Core size (mm)	700 x 408 x 27		
Engine Oil Type	5W-30		
Engine Oil Capacity (qt./l)	5.0/4.8 (filter + 0.3 qt; cooler + 0.5 qt.)		
TRANSMISSION		GSR	MR
Type		5-speed manual	6-speed TC-SST
	Ratios		
	1 st	2.857	3.655
	2 nd	1.950	2.368
	3 rd	1.444	1.754
	4 th	1.096	1.322
	5 th	0.761	1.008
	6 th	--	0.775
	Reverse	2.892	4.011
	Final Drive	4.687	4.062
SUSPENSION		GSR/MR	
Front	MacPherson strut (inverted strut) with forged aluminum control arms MR model: Eibach springs and Bilstein shock absorbers		
Front Stabilizer Bar Diameter (mm)	25		
Rear	Multi-link with forged aluminum control arms MR model: Eibach springs and Bilstein shock absorbers		
Rear Stabilizer Bar Diameter (mm)	23		
EXTERIOR DIMENSIONS		GSR/MR	
Wheelbase (in./mm)	104.3/2650		
Length (in./mm)	177.0/4495 (Canada: 178.9/4545)		
Width (in./mm)	71.3/1810		
Height (in./mm)	58.3/1480		
Track, Front (in./mm)	60.8/1545		
Track, Rear (in./mm)	60.8/1545		
Min. Ground Clearance (in./mm)	5.3/135		
INTERIOR DIMENSIONS		GSR/MR	
Passenger Seating Capacity	5		
Passenger Volume (cu. ft.)	TBD		
Luggage volume (cu ft)	TBD		

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PASSENGER SPACE		GSR/MR
Front Head Room (in./mm)		39.6/1005
Front Shoulder Room (in./mm)		54.7/1390
Front Hip Room (in./mm)		53.3/1355
Front Leg Room (in./mm)		42.2/1070
Rear Head Room (in./mm)		36.9/935
Rear Shoulder Room (in./mm)		54.3/1380
Rear Hip Room (in./mm)		54.1/1375
Rear Leg Room (in./mm)		36.1/915
WEIGHTS		GSR/MR
GVWR (lbs/kg)		4542/2060
Curb Weight (lbs./kg) GSR		GSR: 3517/ 1595 MR: 3594/ 1630
Weight Distribution (% f/r) GSR		GSR: TBD MR: TBD
WHEELS & TIRES		GSR/MR
Wheel Type		GSR: Enkei cast aluminum alloy MR: BBS® forged aluminum alloy
Wheel Size		18 x 8.5 in. 5JJ
Tire Type		Yokohama ADVAN asymmetrical performance tread
Tire Size		P245/40R18 93Y
Spare Tire		T145/70R18 107M
STEERING		GSR/MR
Type		Rack-and-pinion, Hydraulic Power Assist
Ratio		13.3:1
Turn Circle – Curb to Curb (ft/m)		38.7 / 11.8
Turns – Lock to Lock		2.27
BRAKES		GSR/MR
Front Brake Type		Ventilated disc with 4-piston caliper [MR: Two-piece rotor for weight reduction]
Front Brake Diameter (in/m)		13.8/350
Rear Brake Type		Ventilated disc with 2-piston caliper]
Rear Brake Diameter (in/m)		13.0/330
Anti-Lock Brakes		4 sensor, 4 channel Sports ABS with EBD
Swept Area – front (sq in)		341.6
Swept Area – rear (sq in)		267.2
Total Swept Area (sq in)		608.8
ELECTRICAL		GSR/MR
Battery		65D26L
Alternator (Amps)		130A
FUEL CAPACITY		GSR/MR
Fuel Tank Capacity (gal./l)		14.5 / 55
EPA ESTIMATED FUEL ECONOMY *		GSR/MR
GSR: 5MT City / Highway (mpg)		TBD
MR: TC-SST City / Highway (mpg)		TBD
WARRANTIES		
Basic		3 years or 36,000 miles
Powertrain		5 years or 60,000 miles
Anti-corrosion		7 years or 100,000 miles

Technical specifications are based on the latest information available at the time of printing and are subject to change without notice. 8/20/07