

		Technical Data		R55	USA	2008
		MINI Cooper Shooting Brake	MINI Cooper Shooting Brake	MINI Cooper S Shooting Brake	MINI Cooper S Shooting Brake	
Engine-Plattform		N12B16	N12B16	N14B16	N14B16	
Transmission		M6	A6	M6	A6	
No. of doors / seats	-	3 / 4	3 / 4	3 / 4	3 / 4	
Vehicle length	mm / inch	3937 / 155,0	3937 / 155,0	3958 / 155,8	3958 / 155,8	
Vehicle width	mm / inch	1683 / 66,3	1683 / 66,3	1683 / 66,3	1683 / 66,3	
Vehicle height, unloaded incl. antenna	mm / inch	1426 / 56,1	1426 / 56,1	1432 / 56,4	1432 / 56,4	
Wheelbase	mm / inch	2547 / 100,3	2547 / 100,3	2547 / 100,3	2547 / 100,3	
Turning circle	m / ft	11,0 / 36,1	11,0 / 36,1	11,0 / 36,1	11,0 / 36,1	
Track, front	mm / inch	1459 / 57,4	1459 / 57,4	1453 / 57,2	1453 / 57,2	
Track, rear	mm / inch	1467 / 57,8	1467 / 57,8	1461 / 57,5	1461 / 57,5	
Width at shoulderheight, front	mm / inch	1278 / 50,3	1278 / 50,3	1278 / 50,3	1278 / 50,3	
Width at shoulderheight, rear	mm / inch	1165 / 45,9	1165 / 45,9	1165 / 45,9	1165 / 45,9	
Eff. leg room, front	mm / inch	1052 / 41,4	1052 / 41,4	1052 / 41,4	1052 / 41,4	
Eff. leg room, rear	mm / inch	820 / 32,3	820 / 32,3	820 / 32,3	820 / 32,3	
Eff. Head room, front	mm / inch	990 / 39,0	990 / 39,0	990 / 39,0	990 / 39,0	
Eff. Head room, rear	mm / inch	958 / 37,7	958 / 37,7	958 / 37,7	958 / 37,7	
Trunk volume acc. to ISO3832 method	ltr / ft³	260-930 / 9,2-32,8	260-930 / 9,2-32,8	260-930 / 9,2-32,8	260-930 / 9,2-32,8	
Approx. tank capacity	ltr / gal	50 / 13,2	50 / 13,2	50 / 13,2	50 / 13,2	
Unladen weight	kg / lbs	1235 / 2723	1270 / 2800	1295 / 2855	1315 / 2900	
Axle load ratio, rear (unladen)	%	43,3	42,1	41,7	41,1	
Gross vehicle weight	kg / lbs	1605 / 3539	1640 / 3616	1665 / 3671	1685 / 3715	
Payload	kg / lbs	370 / 816	370 / 816	370 / 816	370 / 816	
Axle load limit, front	kg / lbs	830 / 1830	865 / 1907	870 / 1918	890 / 1962	
Axle load limit, rear	kg / lbs	830 / 1830	830 / 1830	835 / 1841	835 / 1841	
Roof load limit	kg / lbs	75 / 165	75 / 165	75 / 165	75 / 165	
Engine / No. of cylinders / valves p. cyl.	-	In Line / 4 / 4	In Line / 4 / 4	In Line / 4 / 4	In Line / 4 / 4	
Fuel management	-	MEV 17.2	MEV 17.2	MED 17.2	MED 17.2	
Displacement, acc. to ECE Reg.	cm³ / inch³	1598 / 97,5	1598 / 97,5	1598 / 97,5	1598 / 97,5	
Stroke	mm / inch	85,8 / 3,38	85,8 / 3,38	85,8 / 3,38	85,8 / 3,38	
Bore	mm / inch	77 / 3,03	77 / 3,03	77 / 3,03	77 / 3,03	
Nom. power output / Eng. speed	SAE hp / min⁻¹	118 / 6000	118 / 6000	172 / 5500	172 / 5500	
Max. torque / Engine speed	ft lbs(Nm) / min⁻¹	114 (155) / 4250	114 (155) / 4250	177(240) / 1600-5000 **	177(240) / 1600-5000 **	
Compression ratio / Fuel type	-	11,0 / 91-98 ROZ	11,0 / 91-98 ROZ	10,5 / 91-98 ROZ	10,5 / 91-98 ROZ	
Transmission type	-	G255	F6 21	G253	F6 21	
Gear ratio 1st / 2nd / 3rd	-	3,214 / 1,792 / 1,194	4,148 / 2,370 / 1,556	3,308 / 2,130 / 1,483	4,044 / 2,371 / 1,556	
Gear ratio 4th / 5th / 6th	-	0,914 / 0,784 / 0,683	1,155 / 0,859 / 0,686	1,139 / 0,949 / 0,816	1,159 / 0,852 / 0,672	
Reverse gear ratio	-	3,143	3,394	3,231	3,193	
Final drive ratio	-	4,353	4,103	3,647	3,683	
Steering type / Steering ratio	-	rack&pinion(EPS)/ 14,1	rack&pinion(EPS)/ 14,1	rack&pinion(EPS)/ 14,1	rack&pinion(EPS)/ 14,1	
Brake front / diameter	- / mm / inch	Disc ventil./ 280 / 11,0	Disc ventil./ 280 / 11,0	Disc ventil./ 294 / 11,6	Disc ventil./ 294 / 11,6	
Brake rear / diameter	- / mm / inch	Disc / 259 / 10,2	Disc / 259 / 10,2	Disc / 259 / 10,2	Disc / 259 / 10,2	
Drag C _d	-	0.35	0.35	0.39	0.39	
Drag C _d x A	m² / ft²	0,69 / 7,42	0,69 / 7,42	0,77 / 8,29	0,77 / 8,29	
Top speed	km/h / mph	202 / 125	193 / 120	223 / 139	220 / 137	
Acceleration 0-60mph	s	8.9	10.2	7.0	7.2	
Acceleration 0-100Km/h (Canada)	s	9.6	10.9	7.4	7.6	
Acceleration 0 - 1/4 mile	s	16.9	-	15.3	-	
Acceleration 0 - 1000 m	s	31.0	32.2	28.0	28.5	
Fuel consumption city	ltr/100km / mpg					
Fuel consumption highway	ltr/100km / mpg					
Fuel consumption combined	ltr/100km / mpg					
Approx. range	km / miles					
Fuel consumption acc. EPA label city/hw	mpg					
Tyre size front	-	175/65R15 84H AS	175/65R15 84H AS	195/55R16 87V RSC AS	195/55R16 87V RSC AS	
Tyre size rear	-	175/65R15 84H AS	175/65R15 84H AS	195/55R16 87V RSC AS	195/55R16 87V RSC AS	
Wheel size front	-	5,5 J x15 alloy	5,5 J x15 alloy	6,5 J x 16 alloy	6,5 J x 16 alloy	
Wheel size rear	-	5,5 J x15 alloy	5,5 J x15 alloy	6,5 J x 16 alloy	6,5 J x 16 alloy	
Radiator s. incl.heater / Engine oil *	ltr / quarts	5,2/5,5 / 4,2/4,4	5,2/5,5 / 4,2/4,4	5,2/5,5 / 4,2/4,4	5,2/5,5 / 4,2/4,4	
Transmiss. fluid / Final drive fluid	ltr / quarts	life-time	life-time	life-time	life-time	
Battery capacity / installed position	Ah / -	55/engine comp.	55/engine comp.	55/engine comp.	55/engine comp.	
Alternator	A / W	150 / 2100	150 / 2100	150 / 2100	150 / 2100	

* Oil exchange quantity

** Overboost: 192 lbs ft (260Nm)/1700-4500

Vehicle width including mirrors	mm / inch	1913 / 75,3	1913 / 75,3	1913 / 75,3	1913 / 75,3
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