

		840d xDrive	M850i xDrive
Engine type		B57D30T0	N63B44T3
Transmission type		automatic	automatic
Transmission type	--	8HP76 Sport	8HP76 Sport
Nr. of gears	--	8	8
Nr. axles	--	2	2
Powered axles	--	AWD	AWD
Seats	--	4	4
Number of Doors	--	2	2
Veh. length	mm	4843	4851
Width	mm	1902	1902
Height	mm	1339	1345
Width inc. mirrors	mm	2137	2137
Wheelbase	mm	2822	2822
Overhang front	mm	948	953
Rear overhang	mm	1073	1076
Turning circle	m	11.9	11.9
Ground clearance	mm	118	125
Shoulder width front	mm	1454	1454
Shoulder room rear	mm	1160	1160
Elbow width front	mm	1534	1534
Elbowroom rear	mm	1185	1185
Legroom front	mm	1070	1070
Legroom rear	mm	750	750
Max. headroom front	mm	988	988
Maximum headroom rear	mm	882	882
Knee clearance	mm	-79	-79
Luggage volume	m³	0.35	0.35
Fuel tank capacity (approx.)	litre	66	68
Curb weight (DIN)	kg	1955	2015
Curb weight (EC)	kg	2030	2090
Rear Weight distribution (empty car)	%	50.3	47.7
Gross veh. weight	kg	2485	2515
Payload	kg	530	500
Axle load limit front	kg	1170	1235
Rear axle load limit	kg	1365	1340
Roof load	kg	-	-
Petrol engine		B57D30T0	N63B44T3
Engine type	--	B57D30T0	N63B44T3
Cylinders	--	6	8
Valves p.cyl.	--	4	4
Stroke	mm	90	88.3
Bore	mm	84	89
Displacement	cm³	2993	4395
Compression rate	:1	16.5	10.5
Rated engine power	kW	235	390
Engine power	PS	320	530
Engine power	BHP	316	523
at rpm	1/min	4400	5500-6000
Engine torque	Nm	700	750
Engine torque	ft lbs	516	553
at rpm	1/min	1750-2250	1800-4600
0-62mph	s	5.2	3.9
Top speed	mph	155	155
Useable fuel quality	--	Diesel	ROZ 91 MIN, E25 MAX
Recommended fuel quality	--	Diesel	ROZ95
Engine oil capacity	litre	6.5	10.5
Output per litre	kW/dm³	78.5	88.7
Power to weight ratio	kg/kW	8.3	5.2
Transmission type	--	8HP76 Sport	8HP76 Sport
Gear ratios 1st gear	--	5.5	5.5
2nd	--	3.52	3.52
3rd	--	2.2	2.2
4th	--	1.72	1.72
5th	--	1.317	1.317
6th	--	1	1
7th	--	0.823	0.823
8th	--	0.64	0.64
Reverse gear	--	-3.993	-3.993
Final drive ratio	--	2.647	2.813
Track front	mm	1619	1627
Width of the rear track	mm	1642	1642
Wheel offset front	mm	30	26
Wheel offset rear	mm	41	41
A	m²	2.22	2.22
Cx, min	--	0.3	0.32
Cx, max	--	0.32	0.34
Air resistance, min	m²	0.67	0.71
Air resistance, max	m²	0.71	0.75
NOx	g/km	0.0311	0.0154
Alloy Wheels: 1N1, 1N3, 1N7, 1N9, 1W9			
CO2	g/km	161	225
Alloy Wheels: 1N0, 1N2, 1N6			
CO2	g/km	165	229
Emission classification (type-certified)	--	EU6d - TEMP	EU6d - TEMP
SCR (Yes/No)	--	Yes	No
SCR-Typ Activtank	--	P_Tank refillable with truck nozzle	-
AdBlue-Volume (Activtank)	litre	10	-