

		M30d	M37	M35h	
<b>AT A GLANCE</b>					
Maximum speed	km/h	250	250	250	Electronically limited
0-100 km/h	seconds	6.9	6.2	5.5	
Combined fuel	l/100km	7.5	10.2	7.0	
CO <sub>2</sub>	g/km	199	235	162	
Power	PS (kW)	238 (175)	320 (235)	364 (268)	M35h total max power
Drag coefficient	Cd	0.27	0.27	0.26	S models 0.28
Kerb weight	kg	1845	1715	1830	
Length	mm	4945	←	←	
EuroNCAP		Not tested	←	←	

		V6 diesel	V6 petrol	V6 petrol/electric	
<b>ENGINE</b>					
Type/fuel		V6 diesel	V6 petrol	V6 petrol/electric	
Emissions class		EU5	←	←	
Cubic capacity	cc	2993	3696	3498	
Maximum power	PS (kW)	238 (175)	320 (235)	306 (225)	
At engine revs	rpm	3750	7000	6800	
Specific power	PS/litre	80	87	—	
Electric motor power	PS/kW	—	—	68 (50)	
At motor revs	rpm	—	—	1770-2000	
Power/weight	PS/tonne	129	187	199	
Maximum torque	Nm	550	360	350	
At engine revs	rpm	1750	5200	5000	
Torque to weight	Nm/tonne	298	210	—	
Electric motor torque	Nm	—	—	270	
At motor revs	rpm	—	—	1770	
Bore x stroke	mm	84 x 90	95.5 x 86.0	95.5 x 81.4	
Compression ratio	to one	16	11	10.6	
Induction		Turbo	N/aspirated	←	
Valvetrain		24 valve	←	←	M37 with VVEL
Camshafts		DOHC	←	←	
Cam drive		Chain	←	←	
Engine block		CGI	Aluminium	←	
Engine heads		Aluminium	←	←	

		7-speed Adaptive Shift Control automatic			
<b>TRANSMISSION</b>					
Type		7-speed Adaptive Shift Control automatic			
Coupling		Torque converter	←	Electronic clutch	
Drive		Rear-wheel drive			
Hybrid type		←	←	One motor, twin clutch	
Manual mode		Via gear selector lever			S models get paddles
Ratios:	1st	4.7831	←	←	
	2nd	3.1026	←	←	
	3rd	1.9842	←	←	
	4th	1.3714	←	←	
	5th	1.0000	←	←	
	6th	0.8708	←	←	
	7th	0.7759	←	←	
Final drive		3.357	2.611		

		M30d	M37	M35h	
<b>BODY, CHASSIS</b>					
Type		4-door, 5-seat sedan			
Construction		Steel monocoque, aluminium doors, bonnet, boot lid			
Drag coefficient	Cd	0.27	←	←	0.26
Frontal area	m <sup>2</sup>	2.38	←	←	←

		M30d	M37	M35h	
<b>WEIGHTS, CAPACITIES</b>					
Kerb weight	kg	1845	1715	1830	
Gross vehicle weight	kg	2395	2255	2400	
Max tow weight	kg	750	←	←	
Max tow weight	kg	2000	1500	1500	
Fuel tank	litres	80	←	70	
Boot capacity	Litres	450	500	350	

		Dual Flow Path (DFP)			Double Piston Shock absorbers (I)	
<b>SUSPENSION, WHEELS</b>						
Front		Double wishbones, coil springs, anti-roll bar				
Rear		Independent multilink, coil springs, anti-roll bar				
Dampers		Dual Flow Path (DFP)		Double Piston Shock absorbers (I)		
Wheel size	inches	18 x 8.0		←	←	
Tyre size		245/50		←	←	

		Rack and pinion			
<b>STEERING, BRAKES</b>					
Steering type		Rack and pinion			
Assistance		Hydraulic	←	Electro/hydraulic	
Turns lock to lock		3.09	←	n/a	
Turning diameter	m	11.2	←	←	
Brake type		Discs front, ventilated discs rear			
Disc size	mm	320 front, 308 rear			

		M30d	M37	M35h	
<b>EXTERIOR DIMENSIONS</b>					
Length	mm	4945	←	←	
Width	mm	2061	←	←	
Height	mm	1500	←	←	
Wheelbase	mm	2900	←	←	
Front/rear track	mm	1575/1570	←	←	

		M30d	M37	M35h	
<b>PERFORMANCE, FUEL CONSUMPTION, EMISSIONS</b>					
Maximum speed	km/h	250	←	←	
0-100 km/h	seconds	6.9	6.2	5.5	
Combined fuel	l/100km	7.5	10.2	7.0	
Urban	l/100km	10.3	14.9	9.2	
Extra urban	l/100km	5.9	7.4	5.7	
Touring range	km	1350	1050	1200	
CO <sub>2</sub>	g/km	199	235	162	