


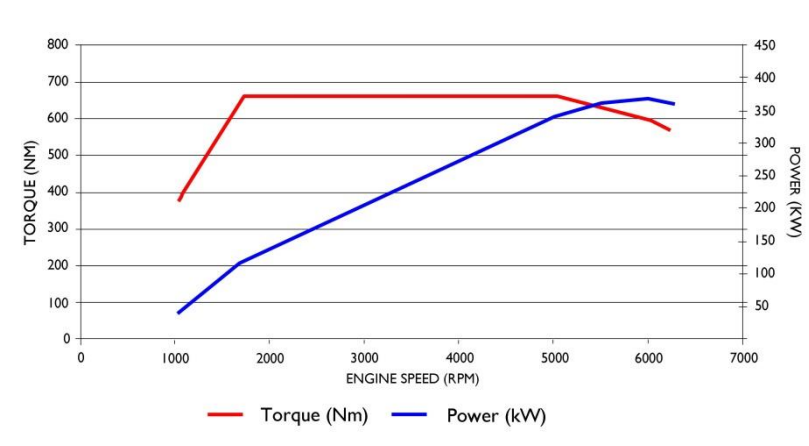
Press Information – Technical Specifications

16MY FLYING SPUR V8

Four-door, four- or five-seat luxury performance sedan

General Data and Dimensions			
Length	5299 mm / 208.6 in		
Width	2208 mm / 86.9 in		
Width across body	1976 mm / 77.8 in		
Height	1488 mm / 58.6 in		
Wheelbase	3066 mm / 120.7 in		
Front track	1643 mm / 64.7 in		
Rear track	1642 mm / 64.6 in		
Front legroom	1056 mm / 41.6 in		
Rear legroom	1073 mm / 42.2 in		
Front headroom	968 mm / 38.1 in	Drag coefficient	C _D 0.29
Rear headroom	965 mm / 38.0 in	Wheels	1x 19" design in two finishes, 1x 20" design, 3x 21" designs in two finishes
Kerb weight	2425 kg / 5341 lb	Tyres	Pirelli 275/45 ZR19, optional 275/40 ZR20 or 275/35 ZR21
Gross vehicle weight	2972 kg / 6552 lb	Boot volume	442 litres / 15.6 cu ft
Weight distribution		Fuel capacity	90 litres / 20 UK gallons / 24 US gallons

Engine	
Configuration	4.0-litre twin-turbocharged V8
Capacity	3993 cc / 243.7 cubic inches
Induction	Two parallel twin-scroll turbochargers, indirect intercooling
Power	507 PS / 500 bhp / 373 kW @6000 rpm
Torque	660 Nm / 487 lb.ft @1700 rpm
Bore x stroke	84.5 mm x 89 mm / 3.33" x 3.5"
Compression ratio	9.3:1
Fuel delivery	Direct injection
Fuel	98 RON unleaded to E10
Valve gear	4x overhead camshafts, dual cam phasing, 32 valves
Cylinder deactivation	NA
Notes	15° V-angle per bank, 72° between banks



Chassis and Drivetrain			
Front suspension	Four-link double wishbones, anti-roll bar	Front brakes	405 mm vent. iron
Rear suspension	Trapezoidal multi-link, anti-roll bar	Rear brakes	335 mm vent. iron
Springs and dampers	Self-levelling air suspension, Continuous Damping Control	Calipers	2-piston sliding front, single-piston sliding rear
Steering system	ZF speed-sensitive Servotronic rack and pinion	Turning circle	12.1 m / 39.7 ft
Drive configuration	ZF eight-speed automatic gearbox, permanent all-wheel drive, 40:60 torque split (variable from 15:85 to 65:35)		
Gear ratios	1st: 4.71, 2nd: 3.14, 3rd: 2.1, 4th: 1.67, 5th: 1.29, 6th: 1.00, 7th: 0.839, 8th: 0.667, final drive: 2.85		
Notes	Gearbox features Block Shifting, allowing combined downshifts (e.g. 8 th to 3 rd). Four-mode driver control over suspension settings.		

Exterior and Interior Specifications			
Body materials	Steel monocoque, superformed aluminium front fenders, aluminium bonnet, composite (SMC) boot lid with integrated antennae		
Headlights	Bi-Xenon projector headlamps, LED signature daylight running lamps, LED main beam supplementation, LED rear lamps		
Infocainment	8" central touchscreen with optional TV tuner. 30 GB on-board hard drive. MultiMedia specification includes WiFi router, 2x 10" rear screens with DVD players, 64 GB hard drive, SD slots, USB ports, 12V charging and wireless headphones.		
Sound system	Balanced Mode Radiators, Dirac Dimensions DSP. 440W 8-speaker standard system, 1100W Naim option, 6-disc CD changer, SD card reader, iPod connection, DVD playback.		
Safety	Front and side driver / passenger airbags, driver's kneebag		
Driver assistance	Three-mode ESP (normal / dynamic / off). Cruise control, optionally radar-guided. Electronic Park Brake with drive-away assist.		
Paint colours	17 standard, 90+ optional, bespoke on request	Hide colours	4 standard, 13 optional
Hood colours	NA	Veneer species	1 standard, 6 optional

Performance	
0-60 mph	4.9 secs
0-100 mph	11.2 secs
0-100 km/h	5.2 secs
0-160 km/h	11.2 secs
Top speed	183 mph / 295 km/h

Fuel Economy and Emissions – EU and EPA drive cycles			
Urban	17.8 mpg / 15.9 litres/100 km	City	14 USmpg
Extra urban	35.3 mpg / 8.0 litres/100 km	Highway	24 USmpg
Combined	25.9 mpg / 10.9 litres/100 km	Combined	17 USmpg
Compliance	EU6	Compliance	LEV II
CO₂	254 g/km (efficiency class G)		