



2016 JAGUAR XJ

TECHNICAL SPECIFICATIONS

	XJ R-Sport & XJ R-Sport AWD	XJL Portfolio & XJ Portfolio AWD
ENGINE & TRANSMISSION		
Engine capacity (cc)	2,995	
Cylinders	Supercharged V6	
Valves per cylinder	4; DOHC, variable inlet and exhaust cam timing	
Bore/ stroke (mm)	84.5/ 89.0	
Compression ratio	10.5:1	
Fuel injection	150bar direct injection	
Boosting system	Twin-Vortex supercharger	
Power HP	340 @ 6,500rpm	
Torque lb ft (Nm)	332 (450) @ 3,500-5,000rpm	
Transmission	RWD: ZF 8HP45 8-speed automatic / AWD: ZF 8HP70 8-speed automatic	
Gear ratios (:1)		
1st	4.714	
2nd	3.143	
3rd	2.106	
4th	1.667	
5th	1.285	
6th	1.000	
7th	0.839	
8th	0.667	
Reverse	RWD: 3.295 / AWD: 3.317	
Final Drive	2.73	
CHASSIS		
Front suspension	Double wishbone	
Rear suspension	Double wishbone	
Steering	RWD: Rack-and-pinion; electromechanical power-assisted AWD: Rack-and-pinion; power-assisted	
DIMENSIONS		
Length inches (mm)	202 (5,130)	206.9 (5,255)
Width inc./ excl. mirrors inches (mm)	82.9 (2,105) / 74.8 (1,899)	82.9 (2,105) / 74.8 (1,899)
Height inches (mm)	57.5 (1,460)	57.5 (1,460)
Wheelbase inches (mm)	119.4 (3,032)	124.3 (3,157)
Track front/ rear inches (mm)	64 (1,626) / 63.1 (1,604)	64 (1,626) / 63.1 (1,604)
Curb weight lbs (kg)	RWD: From 3,891 (1,765) / AWD: From 4,112 (1,865)	RWD: From 3,913 (1,775) / AWD: From 4,134 (1,875)
Fuel tank; usable gallons (litres)	21 (80)	21 (80)
PERFORMANCE		
0-60mph (sec) ⁵	RWD: 5.7 / AWD: 6.1	
0-100km/h (sec)	RWD: 5.9 / AWD: 6.4	
Top speed mph (km/h)	155 (250)	



TECHNICAL SPECIFICATIONS

	XJ Supercharged	XJL Supercharged
ENGINE & TRANSMISSION		
Engine capacity (cc)	5,000	
Cylinders	Supercharged V8	
Valves per cylinder	4; DOHC, variable inlet and exhaust cam timing	
Bore/ stroke (mm)	92.5/ 93.0	
Compression ratio	9.5:1	
Fuel injection	150bar direct injection	
Boosting system	Twin-Vortex supercharger	
Power HP	470 @ 6,000-6,500rpm	
Torque lb ft (Nm)	424 (575) @ 2,000-5,500rpm	
Transmission	ZF 8HP70 8-speed automatic	
Gear ratios (:1)		
1st	4.714	
2nd	3.143	
3rd	2.106	
4th	1.667	
5th	1.285	
6th	1.000	
7th	0.839	
8th	0.667	
Reverse	3.317	
Final Drive	2.56	
CHASSIS		
Front suspension	Double wishbone	
Rear suspension	Double wishbone	
Steering	Rack-and-pinion; electromechanical power-assisted	
DIMENSIONS		
Length inches (mm)	202 (5,130)	206.9 (5,255)
Width inc./ excl. mirrors inches (mm)	82.9 (2,105) / 74.8 (1,899)	82.9 (2,105) / 74.8 (1,899)
Height inches (mm)	57.5 (1,460)	57.5 (1,460)
Wheelbase inches (mm)	119.4 (3,032)	124.3 (3,157)
Track front/ rear inches (mm)	64 (1,626) / 63.1 (1,604)	64 (1,626) / 63.1 (1,604)
Curb weight lbs (kg)	From 4,134 (1,875)	From 4,156 (1,885)
Fuel tank; usable (litres)	21 (80)	21 (80)
PERFORMANCE		
0-60mph (sec) ⁵	4.9	
0-100km/h (sec)	5.2	
Top speed mph (km/h)	155 (250)	



TECHNICAL SPECIFICATIONS

	XJR	XJR LWB
ENGINE & TRANSMISSION		
Engine capacity (cc)	5,000	
Cylinders	Supercharged V8	
Valves per cylinder	4; DOHC, variable inlet and exhaust cam timing	
Bore/ stroke (mm)	92.5/ 93.0	
Compression ratio	9.5:1	
Fuel injection	150bar direct injection	
Boosting system	Twin-Vortex supercharger	
Power PS (kW)	550 (405) @ 6,000-6,500rpm	
Torque Nm (lb ft)	680 (502) @ 3,500-4,000rpm	
Transmission	ZF 8HP70 8-speed automatic	
Gear ratios (:1)		
1st	4.714	
2nd	3.143	
3rd	2.106	
4th	1.667	
5th	1.285	
6th	1.000	
7th	0.839	
8th	0.667	
Reverse	3.317	
Final Drive	2.56	
CHASSIS		
Front suspension	Double wishbone	
Rear suspension	Double wishbone	
Steering	Rack-and-pinion; electromechanical power-assisted	
DIMENSIONS		
Length inches (mm)	202 (5,130)	206.9 (5,255)
Width inc./ excl. mirrors inches (mm)	82.9 (2,105) / 74.8 (1,899)	82.9 (2,105) / 74.8 (1,899)
Height inches (mm)	57.5 (1,460)	57.5 (1,460)
Wheelbase inches (mm)	119.4 (3,032)	124.3 (3,157)
Track front/ rear inches (mm)	64 (1,626) / 63.1 (1,604)	64 (1,626) / 63.1 (1,604)
Curb weight lbs (kg)	From 4,134 (1,875)	From 4,156 (1,885)
Fuel tank; usable gallons (litres)	21 (80)	21 (80)
PERFORMANCE		
0-60mph (sec) ⁵	4.4	
0-100km/h (sec)	4.6	
Top speed mph (km/h)	174 (280)	