

Technical Data	2013 Jaguar XK		
Engine	XK	XKR	XKR-S
Type	5-litre V8 AJ133 Gen III DOHC V8, aluminum-alloy cylinder block and heads		
Bore x Stroke	92.5 x 93.0 mm / 3.64 x 3.66 in.		
Displacement	5,000 cc / 305 cu. in.		
Compression ratio	11.5:1	9.5:1	
Fuel/Induction	Direct fuel injection; variable intake manifold	Direct fuel injection; Eaton twin vortex supercharger and dual intercoolers	
Valvetrain	Chain driven DOHC, four valves per cylinder; dual independent variable cam timing		
Ignition	Direct		
Fuel requirement	Premium, 91 AKI minimum		
Horsepower (SAE)	385@6,500 rpm	510@6,000-6,500 rpm	550@6,000-6,500 rpm
Torque lb.-ft. (SAE)	380@3,500 rpm	461@2,500-5,500 rpm	502@2,500-5,500 rpm
Drivetrain	Front Engine, Rear-wheel drive		
Transmission	Jaguar Sequential Shift™ 6-Speed electronic automatic transmission with steering wheel mounted paddles and Sport Mode		
Transmission ratios Six Speed	4.17 2.34 1.52 1.14 0.87 0.69		
Reverse	3.40		
Final drive ratio	3.31		
Dynamic control systems	Dynamic Stability Control (DSC), Cornering Brake Control (CBC), Understeer Control, Electronic Traction Control (ETC) and Engine Drag Torque Control; Active Differential Control (ADC; supercharged models only)		
Chassis	Unitized body construction; primarily aluminum, aerospace-derived bonding and riveting technologies		
Suspension	4-wheel independent with Adaptive Dynamics active damping XKR-S with specific tuning, including 28% higher spring rate and 10mm lower ride height (available as Dynamic Pack option for XKR)		
Front	Double wishbone; coil springs, active dampers, stabilizer bar, aluminum components		
Rear	Multi-link; coil springs, active dampers, stabilizer bar, aluminum components		
Brakes	Power-assisted 4-wheel ventilated disc; Electronic Brake-force Distribution (EBD), Anti-lock Brake System (ABS) and Emergency Brake Assist		
Front	14.0-inch / 355 mm	15.0-inch / 380 mm	
Rear	12.8-inch / 326 mm	14.8-inch / 376 mm	
Steering	Power-assisted, speed sensitive, variable ratio, rack and pinion steering		
Turning circle	35.8 ft.		
Standard wheels/tires			
XK	Front: 20 x 9.0-in. w/ 255/35ZR20 Rear: 20 x 10-in. w/ 285/30ZR20		
XKR	Front: 20 x 8.5-in. w/ 255/35ZR20 Rear: 20 x 9.5-in. w/ 285/30ZR20		
XKR-S	Front: 20 x 9.0-in. w/ 255/35ZR20 Rear: 20 x 10.5-in. w/ 295/30ZR20		
Exterior Dimensions (inches/mm)			
Body	2+2 Coupe and Convertible		
Aerodynamic drag coefficient (Cd)	Coupe: 0.33 Convertible: 0.35		
Wheelbase	108.3/2,752		
Length	188.7/4,794		

Width	74.5/1,892 (mirrors folded) 80.0/2,032 (inc. mirrors)		
Height	Coupe: 52.0/1,322 XKR-S Coupe: 51.6/1,312 Convertible: 52.3/1,329		
Track (front/rear)	61.4/1,560 62.8/1,596 (63.3/1,608 w/ opt. wheels)		
Curb weight (lbs.)	Coupe: 3,770 Convertible: 3,924	Coupe: 3,968 Convertible: 4,079	
Interior Dimensions (in./m)			
Headroom front	Coupe: 37.4/950 Convertible: 37.8/959		
Headroom, rear	Coupe: 30.2/767 Convertible: 33.1/840		
Legroom, front	43.0/1,091		
Legroom, rear	27.6/700		
Shoulder room, front	56.6 /1,438		
Shoulder room, rear	Coupe: 42.4/1		
Trunk volume	Coupe: 331 Litres Convertible: 314 Litres (with top up and mini spare) 201 Litres (top down)		
Performance			
Acceleration 0-100 km/h (sec)	5.5 / 5.6	4.9	4.4
Maximum track speed ⁵	250 km/h <i>(electronically limited)</i>	250 km/h Dynamic Pack: 280 km/h <i>(electronically limited)</i>	300 km/h <i>(electronically limited)</i>
Fuel Consumption [1]	5.0 Litre V8 Naturally Aspirated (Coupe/ Convertible)	5.0 Litre V8 Supercharged (Coupe/ Convertible)	
City (L/100 km)	13.3 / 13.5	14.1	14.1
Highway(L/100 km)	8.4 / 9.0	9.1	9.1
Fuel capacity	16.1 gal./71.0 litres		

Footnotes

[1] These figures are correct at time of going to press. All figures are manufacturer estimates. Actual mileage may vary.

[2] Please consult your dealer for details of changes associated with option format. Weights reflect vehicles to standard specifications. Option features increase weight.

¹ Price shown is MSRP. Does not include destination and delivery. Excludes, tax, title, license, retailer fees and optional equipment. Dealer price, terms and vehicles availability may vary. See your local authorized Jaguar dealer for details.

² EPA estimates. Actual mileage may vary.

³ These features are not a substitute for driving safely with due care and attention and will not function under all circumstances, speeds, weather and road conditions, etc. Driver should not assume that these features will correct errors of judgment in driving.

⁴ Driving while distracted can result in loss of vehicle control. Do not operate, adjust or view the navigation or multimedia systems under conditions that will affect your safety or the safety of others. Only use devices with voice commands when it is safe to do so.

⁵ Always obey local speed limits.

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