




JAGUAR

XJ 220

Neg No. 220/134

XJ220

The fastest roadcar in the World
is making a flying visit.

JAGUAR XJ220 - FLYING VISIT TOUR

XJ220 SPECIFICATION

- ENGINE:** Twin turbo V-6 aluminium alloy cylinder head and block.
Twin overhead camshaft per bank, 4 valves per cylinder.
- DISPLACEMENT:** 94mm bore x 84mm stroke. 3.5 litres.
- COMPRESSION RATIO:** 8.3:1
- MAXIMUM POWER:** 542 bhp (404 Kw) @ 7200 rpm
- MAXIMUM TORQUE:** 475 lb.ft. (642 Nm) @ 4500 rpm
- FUEL SYSTEM:** Zytek electronic multi point sequential with electronic boost control.
- IGNITION SYSTEM:** Zytek electronic linked to injection.
- TRANSAXLE:** FF Developments all synchromesh five speed with triple cone synchroniser on first and second gears. Patented FF Developments viscous control limited slip differential.



What are dreams for, if not to come true

GEAR RATIOS:	1st	3.000
	2nd	1.95:1
	3rd	1.42:1
	4th	1.09:1
	5th	0.85:1

CLUTCH: AP Racing twin plate 8.5 in

BRAKING SYSTEM: AP Racing disc Hydraulic. 4 pot front and rear alloy calipers.
330.2mm x 35.5mm front discs ventilated outboard 300mm x 33.5mm rear discs ventilated outboard.

STEERING: Mechanical rack and pinion

SUSPENSION: Four wheel independent unequal length wishbones, inboard coil springs and dampers, anti roll bars.

WHEELS: Speedline one piece aluminium alloy rims.
Front: 9 x 17 Rear: 14 x 18

TYRES: Bridgestone ZR rated Expedia
 Front 255/45 ZR17
 Rear 345/35 ZR 18

AERODYNAMICS: Drag Cd 0.36 down force CZ minus -0.25

PERFORMANCE: Top speed 200 mph+ (320 Kph+)
 0 - 60mph (0-96Kph) under 4.0 secs
 0 - 100mph (0-160Kph) under 8.0 secs

DIMENSIONS:	Overall length:	4930 mm
	Overall width:	2220 mm inc wing mirrors
	Height:	1150 mm
	Wheelbase:	2640 mm
	Weight:	1470 Kg

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XJ220 Proves Super Safe

As well as being the world's fastest production car the Jaguar XJ220 is also one of the safest.

During the exhaustive development programme a car was driven into a 150 ton concrete block at a speed of 30mph (48.3km/h) to ensure that steering wheel will not move rearwards by more than 127mm. In the case of the XJ220 the rearward displacement of the steering wheel as a result of the impact was only 13mm surpassing the expectations of the design team.

Remarkably the windscreen and front tyres survived the impact without damage and both doors were still able to be opened fully. Even the XJ220's headlights were intact!

Another example of the extraordinary strength and design integrity of the XJ220 was in the roll-over simulation test.



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In this test, pressure was exerted on the roof to test that the car could withstand the required level of 1.5 times the vehicles body weight - over 2000kg for the XJ220. The test was discontinued at a downward pressure of 10 tons with no body deformation. Not even the windscreen was cracked.

Such design excellence, combined with the total commitment of the whole project team, has ensured a successful transition for the XJ220 from concept car to production reality.

- Ends -

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MODEL HISTORY

- October 1988 Concept car unveiled at Motor Show, Birmingham.
- December 1989 Announcement made that limited production run would proceed and applications invited from potential buyers. Within 48 hours 1500 applications had been received from around the world including 400 from the UK.
- June 1990 First prototype (001) run.
- September 1990 Prototype 002 achieves 186mph at Bruntingthorpe Proving Ground.
- October 1990 Prototype 002 completes 24 hour durability tests at Millbrook Proving Ground.
- March 1991 XJ220 on open road for first time.
- May 1991 Prototype 005 achieves fastest lap for road car at old Nurburging circuit.
- May 1991 XJ220 passes 30mph barrier impact test at MIRA.



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May 1991 Prototype 004 achieves 212.3mph at Fort Stockton, Texas during hot climate durability testing.

September 1991 Prototype 005 returns to Nurburging and betters previous best lap time by 10 seconds.

October 1991 HRH The Princess of Wales officially opens the XJ220 manufacturing facility at Bloxham, near Oxford.

November 1991 XJ220 debuts at Tokyo Motor Show.

March 1992 EEC homologation completed.

July 1992 First 10 cars delivered to customers.

October 1992 XJ220 stars at Motor Show, Birmingham.

December 1992 100th production car due to be delivered to customer.

December 1993 Last of the production cars to be delivered.