



LYNX XKSS NUMBER 15 LHD

BUILD SPECIFICATION

Customer: FRANK BERGER – UK

Lynx XKSS Build Number	15
Chassis Number	P1B77502
Body Number	L122018
Engine Number	KJ10580-8
Gearbox Number	KE8681

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Overview

The car has been constructed to a very high standard for use on the road or track at a club level. The build captures the flavour of the period but incorporates modifications to enhance its performance, safety and usability including left-hand drive.

A) Body

1. New hand-made monocoque, tail section and bonnet in 16 swg aluminium
2. LHD monocoque with extended foot well and re-positioned seat back panels to provide for additional legroom
3. New uprated front chassis frames in Reynolds tubing
4. Original specification XKSS hood, bumpers and luggage rack
5. Windscreen frame in polished 16 swg aluminium as original XKSS
6. Original specification XKSS screen in laminated safety glass from Lynx tooling
7. Body painted in Jaguar British Racing Green and trimmed in Jaguar Gloss Black



B) XK Jaguar Engine

Capacity	3800 cc
Cylinders	6
Bore	3.500"(88,90 mm)
Stroke	4.159"(106 mm)
Block	Cast iron
Head	Aluminium gas flowed and blue-printed with enlarged ports
Fuelling	3 x Weber 45DCOE
Manifold	Lynx Weber manifold gas flowed
Pistons	Competition 8.785:1
Rods	Lynx competition, steel
Crankshaft	Lightened balanced forged
Clutch	Semi competition-diaphragm type
Clutch Size	9 ½"
Flywheel	lightened
Valve diameter	Inlet 1.8" Exhaust 1.625"
Camshaft	Lynx semi-competition
Exhaust Manifold	Bespoke manifold
Power output	285 BHP at 5.500 RPM 320 Nm torque at 4.320 RPM



C) Cooling System

1. Lynx high efficiency radiator
2. uprated low profile cooling fan
3. thermo-switch operating fan at 74°
4. Lynx D-type aluminium header tank

D) Gearbox

1. Jaguar full synchro 4-speed gearbox

E) Steering

1. High ratio rack and pinion
2. Lynx special rack mounting bushes for positive steering response

F) Front Suspension

1. E-type top and bottom front wishbones
2. Lynx eccentric top wishbone spindles to five additional castor and camber adjustment
3. Lynx D-type front geometry setting
4. Uprated torsion bars, adjustable
5. Lynx adjustable dampers with bump stops
6. Lynx uprated suspension bushes for improved location
7. Pegdrive hubs with Lynx three eared centre-lock spinners



G) Rear Suspension

1. Jaguar independent double wishbone rear suspension system
2. Lynx lower wishbone location system
3. Up-rated 325lb rear springs
4. GAZ adjustable dampers with adjustable spring seats
5. Lynx D-type rear geometry setting

H) Differential

1. Rear axle ratio 2,88:1
2. Competition modified and rebuilt Salisbury power-lock differential

I) Fuel System

1. Aluminium fuel tank mounted on rear bulkhead
2. Traditional Monza fuel cap
3. Electronic Hyco fuel pump rated at 30 gallon / hour and 3 PSI
4. Braided fuel lines

J) Braking System

1. Front brakes multi-pot Lynx calipers on large diameter vented discs
2. Rear brakes XJS calipers on large diameter solid discs
3. Brake lines all in KuniFer tubing with braided Aeroquip flexible sections
4. High ratio rear brake servo fitted



K) Electrical system

1. High capacity competition alternator running negative earth
2. High torque lightweight starter motor
3. Fully programable electronic 123- ignition system
4. High power halogen H4 headlights

L) Wheels and Tyres

1. Wheels: original specification 16" alloy Dunlop, pegdrive hubs, 5 ½" rims
2. Tyres: Michelin Pilot Sport 6,50-16 radials V

M) Interior

1. Original specification dash finished in satin black
2. Jaguar 2 point Seat belts
3. Steve McQueen specification XKSS seat cushions
4. Specially-built original specification D-type steering wheel 1" smaller in diameter than original
5. Original D-type instrumentation and switch gear, speedometer in mph

N) Vehicle Identity

1. The Lynx XKSS carries the identity of the donor vehicle – 1967 Jaguar 5



O) Additional Items

1. Stainless steel exhaust manifolds with wrapping
2. Bespoke high quality hand built XKSS exhaust system
3. Removable side windows
4. Hidden electrical cut-off switch
5. Lynx dry sump lookalike system
6. Lynx D-type spec pedal box
7. Black Sonnenland hood cover
8. Lynx carburettor trumpets
9. Polished aluminium bumpers, rear light plinths and headlamp cover rims
10. Lynx D-type lookalike brake fluid reservoir
11. Polished stainless steel XKSS luggage carrier

P) Weight Distribution

Overall weight (no driver and 20 litres petrol) = 995 Kg

WEIGHT (Kg)	LEFT	RIGHT
FRONT	259	249
REAR	245	241

Distribution:

Front: Rear (%)	-	51 : 49
Right: Left (%)	-	49 : 51

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