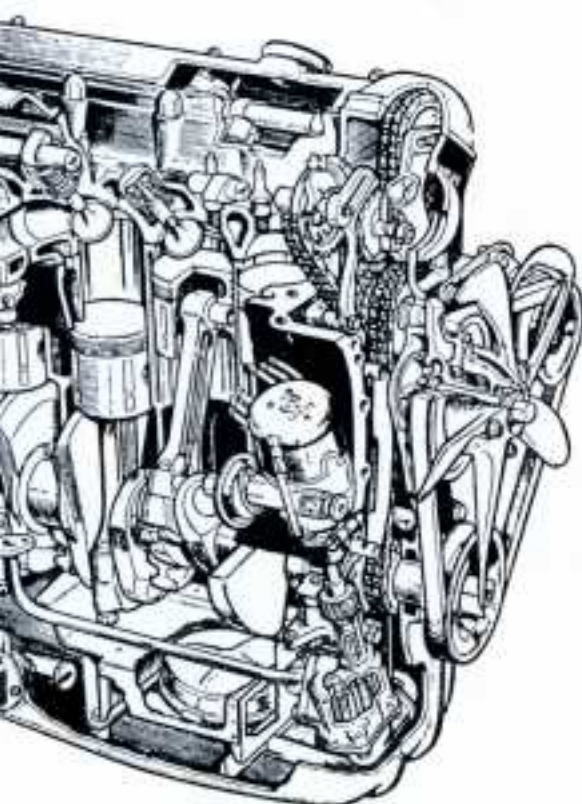




JAGUAR

MK VII SALOON · OVERDRIVE MODEL



JAGUAR XK120 ENGINE

... double overhead camshaft Jaguar
... standing example of British high pre-
... the gleaming highly-polished camshaft
... enamelled exhaust manifolds, the fine
... obvious the moment the hood is lifted.
... has carried Jaguar cars to victory in
... es and rallies in less than three years.

S P E C I F I C A

ENGINE DIMENSIONS. Six cylinder $3\frac{1}{2}$ litre Jaguar engine; 70° twin overhead camshafts driven by a two-stage duplex roller chain; 83 mm. bore \times 106 mm. stroke; 3,442 c.c. developing 160 b.h.p. at 5,200 r.p.m.; large non-adjustable directly operated valves and austenetic cast iron seats; compression ratio 8 or 7:1; high grade chrome iron cylinder block, cooling by pump circulation with by-pass thermostat control; cylinder head of high tensile aluminium alloy with spherical combustion chambers; aluminium alloy pistons; steel connecting rods; forced lubrication throughout by submerged pump with full flow filter and floating gauze intake; twin S.U. horizontal carburettors with electrically controlled automatic choke; $2\frac{1}{4}$ in. diameter counterweighted crankshaft carried in seven large steel backed precision bearings.

FRAME. Straight plane steel box section frame of immense strength, torsional rigidity ensured by large box section cross members.

TRANSMISSION. Four-speed single helical synchromesh gearbox with ground teeth gears running on needle bearings. Hydraulically controlled overdrive unit with manual over-riding control by a switch mounted on fascia panel. Overdrive unit mounted on output shaft of gearbox. Gear ratios: 1st and reverse 15.35; 2nd 9.015; 3rd 6.222; Top 4.55; Overdrive top 3.538.

SUSPENSION. Independent front suspension incorporating transverse wish-bones and long torsion bars with shock absorbers. Rear suspension by long silico-manganese steel half elliptic springs controlled by shock absorbers. Rear springs totally enclosed in gaiters fitted with grease nipples.

BRAKES. Girling Dewandre, vacuum servo-assisted, self-adjusting hydraulic; brake drum diameter, 12 ins.; friction lining area, 208 square ins.; handbrake lever flush between front seats.

STEERING. Burman re-circulating ball type steering with 18 in. diameter adjustable steering wheel. Left or right hand steering optional.

WHEELS AND TYRES. Pressed steel bolt-on disc wheels with wide base rim and Dunlop 6.70 \times 16 in. super-comfort low pressure tyres.

FUEL SUPPLY. S.U. electric fuel pump; fuel capacity, 17 imperial gallons in two separate tanks of nine and eight gallons capacity respectively with turn-over control switch on instrument panel.

ELECTRICAL EQUIPMENT. Lucas 12 volt 64 amp. generator; voltage controlled ventilator; flush fitting head lamps; reverse light, twin rear lights; manually controlled interior lights; twin blade 2-speed starter motor, vacuum advance.

INSTRUMENTS. 5 in. diameter speedometer, 5 in. diameter rev. counter, pressure gauge, water temperature gauge, electric clock, self-cancelling light.

HEATER AND AIR CONDITIONING. with controlled warm air; screen de-froster. Large cooling fan for engine cooling in hot weather.

BODY. All steel full five-door; special security doors; safety; upholstered in fine foam rubber; polished interior garnishings; two door locks; five ashtrays; padded seats over thick felt underlay.

LUGGAGE ACCOMMODATION. amply capacious luggage locker; four sets of golf clubs, travelling sundries to be stored in interior. The area provides 17 cubic feet.

SPARE WHEEL. Fitted in luggage compartment for easy changing.

TOOLS. A complete set of replacement items are carried in compartments concealed in the body.

EASY JACKING. Extra jacking points, enable the car to be jacked by means of jack provided.

PRINCIPAL DIMENSIONS. track front, 4 ft. 8½ ins.; wheelbase, 16 ft. 4½ ins.; overall length, 16 ft. 4½ ins.; overall height, 5 ft. 3 ins.; ground clearance, 36 ft. 0 in.; dry weight, 2,500 lbs.

C A R S L I M I T E D • C O V E N T R Y • E

ED only to the "OVERDRIVE"
 e Laycock De Normanville unit has
 specially produced to take the high
 and engine speed of the Jaguar XK
 In addition the box is fitted with an
 e cut-out which operates below
 road speeds and virtually gives an
 e fifth speed with over-riding manual
 A lower axle ratio is employed on
 el so that extra acceleration in
 op gear is obtained.

os : 1st and Reverse, 15.35 ; 2nd,
 d, 6.222 ; Top, 4.55 ; Overdrive,



Table giving relationship between engine revolutions per min. to road speed in m.p.h.

ROAD SPEED		ENGINE REVS. T	
K.P.H.	M.P.H.	Without Overdrive	W
80	50	2760	
96	60	3312	
112	70	3864	
128	80	4416	
144	90	4968	
160	100	5520	
176	110		

