JAGUAR
XK 120
FIXED HEAD COUPE
ENGINE. Six cylinder 3½ litre Jaguar engine 70° two-overhead camshafts driven by a two-stage duplex roller chain; 85 mm bore x 100 mm stroke; 3.942 c.c. developing 160 b.h.p. at 5,200 r.p.m.; large directly operated valves and automatic end iron seats; compression ratio 7 or 8:1. High grade chrome iron cylinder block, cooling by pump circulation with by-pass thermostat control; cylinder head of high tensile aluminium alloy with split-up combustion chambers; hydraulic tappet tappet; twin overhead camshafts; pressed-in bore lubrication through lubricated pump and full flow filter and feeding gauze tank; twin S.U. horizontal carburettors with electrically controlled automatic choke, centre weighted crankshaft mounted in seven large steel bearing precision bearings, 2½ in. diameter.

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

TRANSMISSION. Five-speed single helical synchromesh gearbox, ground teeth gears running on needle bearings, synchromesh on 2nd, 3rd and top. Gear ratios: 1st 12.59; 2nd 7.23; 3rd 4.95:1; top 2.64. Optional axle ratios: 3.27, 3.92, 4.3. Hardy Spicer propeller shaft with needle roller bearings. Borg & Beck 14 in. diameter single dry plate clutch, central gear lever with remote control.

SUSPENSION. Independent front suspension incorporating transverse wishbones and long torsion bars with Newnes telescopic type hydraulic shock absorbers. Rear suspension by long chrome-nickel steel half elliptic springs controlled by Girling PV7 hydraulic shock absorbers. Rear springs totally enclosed in rubber fitted with grease nipples.

BRAKES. Locking full hydraulic, two-overhead camshafts from 12 in. drums. Flexile flexible brake on the rear wheels only through a separate linkage.

STEERING. worm and wheel gear type steering, positive and accurate at all speeds, 1½ in. fluted adjustable wheel. Left or right hand steering optional.

WHEELS AND TYRES. Pressed steel hub and disc wheels with wide base rims and Dunlop 6.00 x 16 in. "Road Speed" tyres.

FUEL SUPPLY. By a new large capacity 5½ gallon electrically driven fuel pump from a 15 gallon reserve tank with reserve supply and warming light, petrol filler cap concave and fitted with lock and key.

ELECTRICAL EQUIPMENT. Lighting throughout, 12 volt 60 amp. capacity, twin batteries with constant voltage controlled ventilated dynamo, 10 horn clackers. Twin fitting head lamps and wing lamps, stop light, reverse light, twin rear lights, panel light, interior light, twin blended-tone horns, twin blade super wiper, cigar lighter, starter motor, vacuum and centrifugal automatic ignition advance.

INSTRUMENTS. 5 in. diameter 140 m.p.h. speedometer, 3 in. diameter revolution counter, ammeter, oil pressure gauge, water thermometer gauge, petrol gauge with warning light, electric clock.

CAR HEATER. Bulb-inlet electric car heater incorporating defroster and denumerator.

BODY. Two-seater fixed head coupe. Seating upholstered in finest quality leather on Durafoam, safety glass all round. Four ventilating windows. Adjustable arm rests.

SEATING. Divided seat and seat back, independently adjustable for both.

INTERIOR APPOINTMENTS. Instrument panel and finish all finished in finest quality figured walnut. Cobalt blue, glove, handbrake and trim.

SPARE WHEEL AND TOOLS. The spare wheel is carried beneath the boot floor in a separate compartment and is readily accessible. The tools and jack are carried in a special container fixed in the side of the luggage compartment, and the wheel box is housed in the spare wheel compartment.

LUGGAGE ACCOMMODATION. Adequate accommodation is provided in a spacious rear locker, provided with an automatic light. There is also provision for parcels behind seat.

EASY JACKING. A central jack on each side of the car raises both wheels simultaneously with the minimum of effort by means of a special cast-steel jack.

PRINCIPAL DIMENSIONS. Wheel base, 8 ft. 6 in.; track front, 4 ft. 3 in.; rear, 4 ft. 2 in.; overall length over bumper, 14 ft. 5 in. approximately; overall width, 5 ft. 2 in.; overall height, 4 ft. 3 in.; ground clearance, 2½ in.; overall turning circle, 32 ft. 3 in.; dry weight 265 cwt.

ALTERNATIVE EQUIPMENT. For racing events an alternative 24 gallon fuel tank, and two spare wheels can be supplied. This is not generally recommended owing to the considerable reduction in luggage accommodation.