



THE NEW 4·2 LITRE **JAGUAR** 'E' TYPE

2+2

Jaguar.. always a leap ahead

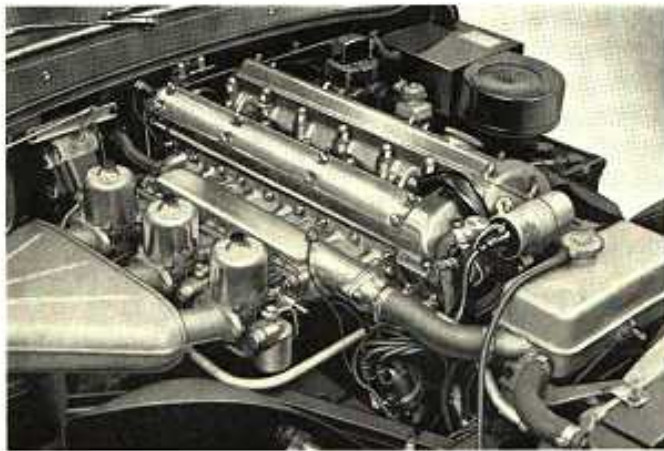




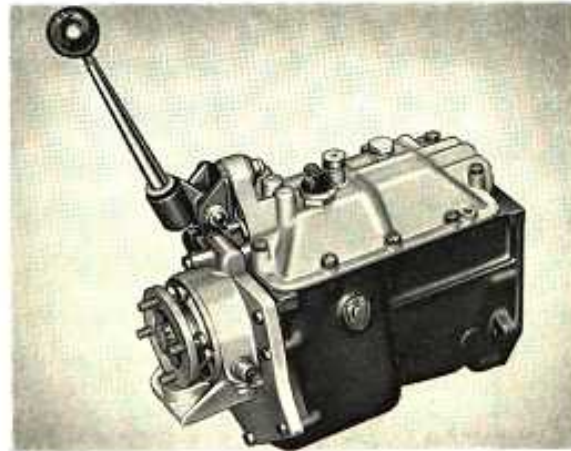
In announcing this new addition to the highly successful 'E' type range, Jaguar now extend their Grand Touring class of motoring to the man who, for business or pleasure, requires a car capable of accommodating four persons whilst retaining the standards of performance, braking and handling hitherto associated with only the finest of two seater models. The versatile, exciting new 4.2 litre 'E' type 2+2 not only meets this requirement but also brings a new concept of luxury and refinement to high performance motoring.

Salient features of the Jaguar 'E' Type 2+2

With a host of new features, the 2+2 combines all the qualities which have earned for the 'E' type its outstanding reputation and further extend the scope of that "special kind of motoring which no other car in the world can offer". Four seats, fully upholstered in finest Vaumol leather: Full headroom in both front and rear compartments: Low floorline giving adequate leg and foot room: Luggage boot adjustable for space: High efficiency fresh air heating and ventilating system with individual direction controls for each side of car: Choice of Automatic or Manual Transmission: 4.2 litre, 265 b.h.p. 'XK' engine: Alternator giving high current supply over wide range of engine speeds: Pre-engaged starter facilitating starting in extremes of cold weather: Servo assisted Disc Brakes on all four wheels give light pedal pressure coupled with maximum efficiency: Independent hydraulic system for front and rear brakes provides added safety factor: Fully independent suspension: All steel, monocoque body structure: Combined handbrake and brake fluid level warning light: Comprehensive instrumentation and clearly labelled finger-tip control switches.



4.2 LITRE 'XK' ENGINE. 6 cylinder, twin overhead camshaft, advanced design of race-proved, three carburettor, Jaguar 'XK' engine, gives high power and torque output for maximum acceleration and flexibility.



ALL SYNCHROMESH GEARBOX. Four speed all synchromesh gearbox with diaphragm spring clutch and central, floor mounted gear lever, gives smooth and rapid changes and light pedal pressure.



AUTOMATIC TRANSMISSION. Borg Warner Model 8—extensively tested and proven—to match the high torque of the Jaguar 4.2 litre engine. D1/D2 dual drive range gives smooth shifts and option of first or second gear starts as well as full engine braking.



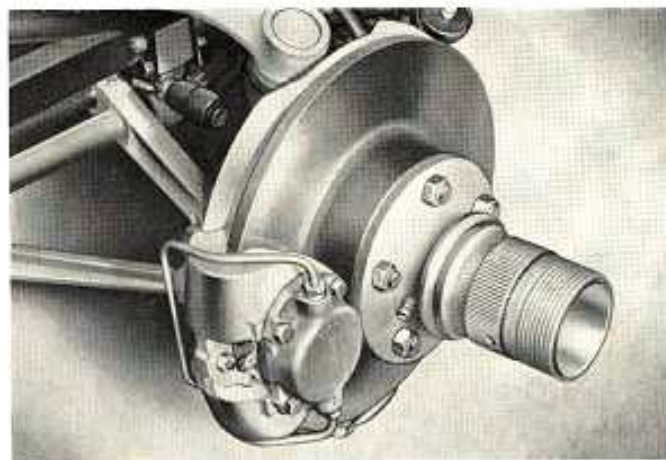
The graceful monocoque body, luxuriously furnished, provides full headroom front and rear. Low floor design gives adequate leg and foot room. Wide, deep doors facilitate ease of access to front and rear seats which are upholstered in finest quality Vaumoi leather over deep Dunlopillo cushions. A wide range of front seat adjustment, together with a steering wheel adjustable for reach and height, allows even the tallest of drivers to be accommodated in maximum comfort. Comprehensive instrumentation and clearly labelled control switches mounted in non-reflecting fascia. Full width shelf, a glove locker and a compartment beneath centre arm rest provide ample space for personal effects. Fresh air heating and ventilating system has individual direction controls for driver and passenger sides of car.



An ingenious design of rear seat squab, the top section of which can be moved forward, enables the already adequate luggage space to be greatly increased when the car is used as a two-seater. With the boot floor thus extended, saloon car standards of luggage accommodation are provided.



EFFORTLESS GEAR SELECTION. Automatic models have central, floor mounted gear selector with simple fore and aft movement giving instant and effortless control over the operation of the gearbox and manual override if required.



BRAKING. Disc brakes on all four wheels. Vacuum servo ensures smooth, effortless braking with a light, progressive pedal. Independent hydraulic systems for front and rear brakes provide maximum safety.



ALTERNATOR. Alternator gives high current supply over wide range of engine speeds thus ensuring adequate current supply, even when driving in city traffic.

Specification

ENGINE. 6 cylinder, twin overhead camshaft, 4.2 litre XK Jaguar engine, 92.07 mm, bore, 106 mm, stroke (3.625" by 4.1732"), cubic capacity 4235 c.c. (258.43 cu. ins.). Compression ratio 9 : 1 (8 : 1 optional). Power output (9 : 1) 265 b.h.p. at 5,400 r.p.m., torque 283 ft./lb. at 4,000 r.p.m. Three S.U. carburettors, Type HD.8 with manual choke control. Forced lubrication by submerged pump system incorporating a Full Flow Filter. Chrome iron cylinder block fitted with dry type cylinder liners. Special 'straight port' cylinder head of high tensile aluminium alloy featuring hemispherical combustion chambers and twin overhead camshafts operating large valves of 70° included angle. Aluminium alloy pistons. Steel connecting rods fitted with lead indium big end bearings. 2½ ins. diameter counterweighted crankshaft carried on seven large lead indium bearings. Pressurised cooling system with thermostatically controlled, electrically driven fan.

TRANSMISSION. (Manually operated gearbox). Four speed, single helical all synchromesh gearbox. Ratios: Top, 3.07; 3rd, 4.07; 2nd, 6.08; 1st, 9.33; Reverse, 9.45. Centrally positioned change speed lever. Baulk ring synchromesh on all four forward ratios. Laycock Hausserman 10" diaphragm clutch. Hardy-Spicer needle bearing propeller shaft. Hypoid rear axle. Ratio, 3.07 : 1. Differential unit mounted in sub-frame carrying the rear suspension.

TRANSMISSION. (Automatic Transmission model). Borg Warner Model 8 with dual drive range D1/D2. Gear Ratios: Low, 6.92/13.84; Intermediate, 4.2/8.4; Top, 2.88/5.76; Reverse, 5.76/11.52. Gear selector lever operates in quadrant on gearbox tunnel. Hardy Spicer needle bearing propeller shaft. Hypoid rear axle. Ratio, 2.88 : 1.

SUSPENSION—FRONT. Independent front suspension incorporating transverse wishbones and torsion bars controlled by telescopic hydraulic dampers. Anti-roll bar fitted to lower wishbones.

SUSPENSION—REAR. Fully independent rear suspension incorporating, on each side, a lower transverse tubular link pivoted at the rear wheel carrier and subframe adjacent to the differential case and, above this, a halfshaft universally jointed at each end. These serve to locate the wheel in a transverse plane. Longitudinal location is provided by the rubber mountings locating the sub-assembly in the body structure and by a radius arm between the lower link and a mounting point on the body structure. Twin coil high rate springs, each enclosing a telescopic damper, provide the suspension medium. The whole assembly together with the differential unit is carried in an easily detachable sub-frame which is located in the body structure by rubber mountings.

BRAKES. Dunlop bridge-type disc brakes featuring quick-change pads, are fitted to all four wheels. Front brakes fitted on wheel hubs, rear brakes fitted inboard of halfshafts adjacent to differential unit. Suspended vacuum type servo operated by tandem master cylinder. System divided into two entirely independent hydraulic circuits to front and rear brakes. Centrally positioned handbrake operates on rear wheels only. Combined handbrake and brake fluid warning light on Facia.

STEERING. Rack and pinion. 16" diameter steering wheel with separate adjustment for height and reach. Number of turns lock to lock, 2.85. Turning circle, 41 ft. diameter.

WHEELS AND TYRES. Wire spoke wheels with centre lock hubs. Dunlop 185 mm, by 15 ins. tyres with tubes.

FUEL SUPPLY. By S.U. electric pump. Tank of 14 imperial gallons capacity. Petrol Filter incorporated into fuel line and located in engine compartment.

ELECTRICAL EQUIPMENT, INSTRUMENTS AND FITTINGS. Lucas alternator, 12-volt negative earth system. Large capacity battery giving 57 amp.-hours at 10-hour rate with current voltage control. Eight fuse control box, fully labelled, located behind hinged central Facia panel for ease of access. Side lamps, Lucas sealed beam, asymmetric dip, headlamps with hand-operated dipping control on Facia. Separate lever actuating headlamp flashing and flashing direction indicators with self-cancellation. Direction indicator warning light on Facia. Separate stop-tail, direction and reflector units mounted in single assembly. Rear number plate lamps. Reversing light. Instruments and labelled switches illuminated by internal flood lighting controlled by a two-position dimmer switch. Interior light. Map reading light. Cigar lighter with luminous socket. 5 ins. diameter 160 m.p.h. speedometer incorporating total and trip distance recorders. 5 ins. diameter electrically operated revolution counter incorporating an electric clock. Ammeter. Electrically operated water temperature gauge, oil pressure gauge, fuel gauge with low level warning light. Choke warning light. Combined handbrake and brake fluid low level warning light. Twin blended-note horns. Triple blade two-speed self parking windscreen wiper unit. Electrically operated windscreen washers. Starter motor. Vacuum and centrifugal automatic ignition control. Oil coil ignition. Wiring harness in quickly detachable front body section connected to main circuits through an eight-pin connector mounted on engine compartment bulkhead.

BODY. Stressed shell steel body of unique, patented, monocoque construction. Front sub-frame of high tensile steel tubing carries engine unit, suspension and forward hinged front section. Counterbalanced, forward opening front section provides excellent accessibility to all mechanical components. Deep wrapround windscreen and thin pillars provide superb forward visibility. Wrapround bumpers with overriders at front and rear. Seating for four persons is fully upholstered in finest quality Vaumol leather over Dunlopillo foam rubber cushions. Twin bucket seats at the front have combined height and reach adjustment. Top section of rear seat squab moves forward allowing boot floor to be extended when car is used as two-seater, thus increasing luggage accommodation by 25%. Low floorline gives increased footroom in rear compartment. Three panel facia and screenrail in matt grained finish to eliminate reflection. Comprehensive instrumentation with revolution counter and speedometer positioned in front of driver. Central panel contains separate fuel, oil, water temperature gauges and ammeter together with row of labelled tumbler switches controlling ancillary equipment. Separate housing beneath panel contains radio and twin speakers (optional extra) together with ashtray. When no radio is fitted, speaker grilles are retained but radio control aperture is blanked off with an escutcheon. Panel in front of passenger contains lockable glove compartment and a grab handle. Full width parcel shelf. Three-spoke, polished alloy, lightweight steering wheel with wood rim and central horn push. Wide angle vertically adjustable rear view mirror incorporating anti-dazzle secondary mirror position. Sun visors. Deep pile carpets over thick felt underlay. Boot lid controlled from inside car.

HEATING AND DEMISTING. Fresh air heating system capable of high temperature and volume also gives rapid defrosting and demisting of windscreen. Variable direction nozzles are controlled individually by the front seat occupants. Controls are mounted each side of centre facia panel.

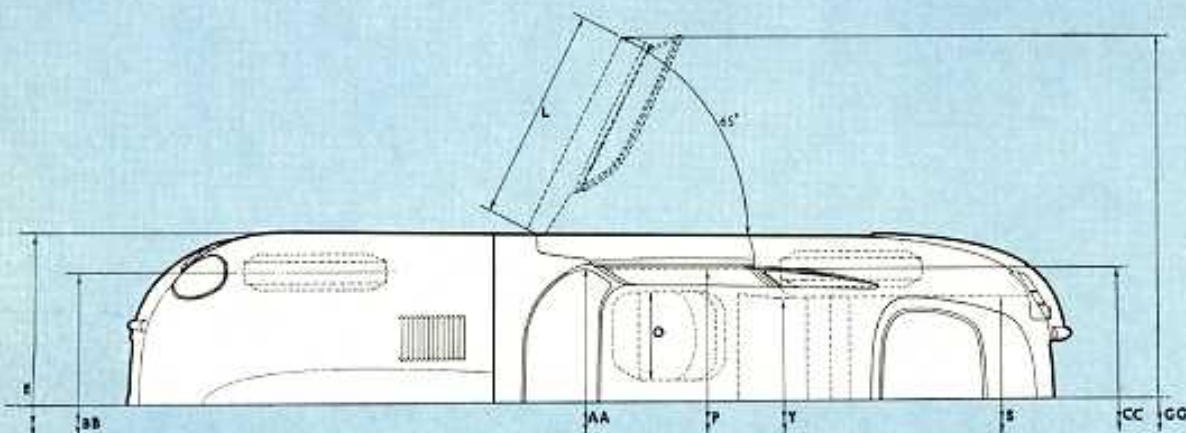
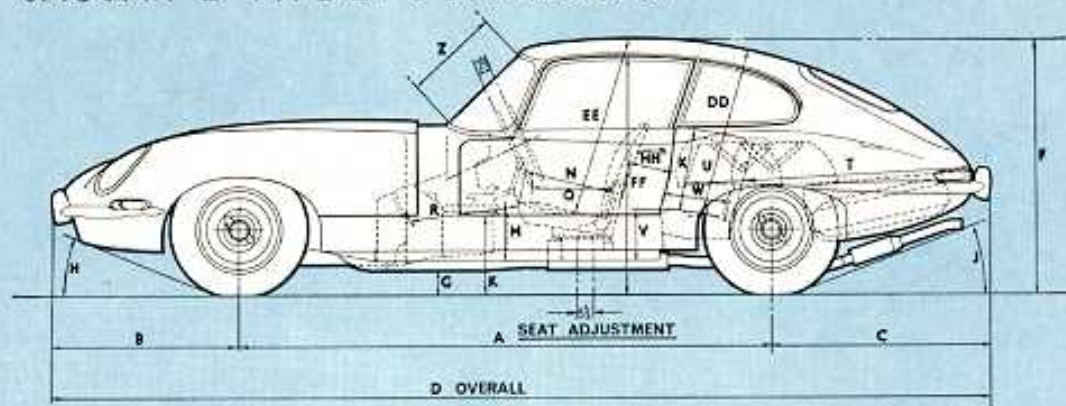
SPARE WHEEL AND TOOLS. The spare wheel is carried beneath the boot floor in a separate compartment and is readily accessible. The tools, in a fitted and lined container, are housed in the spare wheel compartment.

JACKING. Four point jacking allows individual wheel raising. Special studs, adjacent to each wheel, locate in forked lifting pad on screw type, manually-operated, easy lift jack.

PRINCIPAL DIMENSIONS. Wheelbase, 8 ft. 9 ins. Track, front and rear, 4 ft. 2 ins. Overall length, 15 ft. 4½ ins. Overall width, 5 ft. 5½ ins. Overall height, 4 ft. 2 ins. Ground clearance (laden), 5½ ins. Dry weight (approx.) 22½ cwt.



JAGUAR 'E' TYPE 2+2 DIMENSIONS



All dimensions in inches and centimetres unless otherwise stated and apply to a laden car.
NOTE: Front seat shown in mid position (5½" adjustment). Seats in unladen position.

		English	Metric			English	Metric
A	Wheelbase	105	267	S	Maximum Trunk Width	39	99
B	Front Overhang	36½	92	T	Minimum Trunk Length	42	106
C	Rear Overhang	43½	109	U	Maximum Trunk Length	52½	133
D	Overall Length	184½	468	V	Rear Seat Height	9	23
E	Overall Width	65½	166	W	Rear Seat Depth	14	36
F	Overall Height	50½	127	X	Rear Squab Height	17	43
G	Ground Clearance	5½	14	Y	Rear Squab Width	41	104
H	Front Clearance Angle	21°	21°	Z	Windscreen Depth	18½	46
J	Rear Clearance Angle	21°	21°	AA	Windscreen Width	50	128
K	Door Step Height	16	41	BB	Front Track	50	128
L	Door Opening	40½	102	CC	Rear Track	50	128
M	Front Seat Height	11	27	DD	Rear Headroom	33	84
N	Front Seat Depth	20	51	EE	Front Headroom	35½	90
O	Front Seat Width	18½	47	FF	Ground to Top of Door	46½	117
P	Shoulder Room	49	124	GG	O/A Width with Doors Fully Open	134	340
Q	Steering Wheel to Seat Squab	20	51	HH	Knee Room (Rear)	5-10½	20-26
R	Pedals to Cushion	19	48				

Colour Schemes

The colour schemes listed below are standard and any deviation involving special treatment of coachwork and/or upholstery will entail extra charges for which a quotation will be given at the time of ordering.

COACHWORK	INTERIOR COLOUR ALTERNATIVES
CREAM	RED, LIGHT BLUE, DARK BLUE, BLACK
WARWICK GREY	RED, DARK BLUE, LIGHT TAN
BEIGE	RED, SUEDE GREEN, TAN, LIGHT TAN
WILLOW GREEN	SUEDE GREEN, LIGHT TAN, BEIGE, GREY
DARK BLUE	RED, LIGHT BLUE, GREY
BLACK	RED, GREY, TAN, LIGHT TAN
CARMEN RED	RED, BEIGE, BLACK
OPALESCENT SILVER GREY	RED, LIGHT BLUE, DARK BLUE, GREY
OPALESCENT SILVER BLUE	DARK BLUE, GREY
GOLDEN SAND	RED, LIGHT TAN
BRITISH RACING GREEN	SUEDE GREEN, BEIGE, TAN, LIGHT TAN
OPALESCENT MAROON	MAROON, BEIGE
PALE PRIMROSE	BLACK, BEIGE

JAGUAR CARS LIMITED · COVENTRY · ENGLAND

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