

PRESENTING THE SUPERB JAGUAR XJ-S



From the renowned Jaguar factory in Coventry, England, emerges the XJ-S, a 2+2 with the performance and handling of the more expensive sports cars and the quietness and comfort of luxury sedans.

The S-type is powered by a fuel-injected version of the Jaguar V-12 engine which has proven itself to be equally at home in the sports car that won eight out of eleven races in its first year of national competition as it is in the sedan that has been called "possibly the best sedan available anywhere" by a leading automotive

magazine. Because of its configuration, the V-12 engine is both smooth and quiet yet it delivers substantially more power than American luxury V-8 engines which have much more displacement. Reliability is enhanced by an electronic ignition system which eliminates the need for contact points. Mated to the Jaguar V-12 is a Borg-Warner 3-speed fully-automatic transmission, standard equipment on every XJ-S.

As with all Jaguars, great care has been taken to insure a high standard of handling without sacrificing

a comfortable ride. For example, the S-type has power-assisted rack and pinion steering, power-assisted for ease and rack and pinion for a more positive feel of the road. The independent front suspension incorporates special "anti-dive" geometry pioneered in the XJ sedan which helps to counteract the normal nose-diving tendency of a car under heavy braking. There are disc brakes all around, power-assisted and mounted in-board in the rear to lower the unsprung weight on the independent suspension. Steel-belted radial-ply white-



wall tires, specially developed by Dunlop for the XJ-S, combined with limited-slip differential provide excellent traction on wet or dry roads.

The science of aerodynamics contributed as much to the look of the "S" as did the Jaguar styling studio. From wind-tunnel testing comes the low-sweeping hood, smooth sides and rounded corners. The front spoiler, mounted directly below the bumper, further reduces drag.

The Jaguar XJ-S was conceived as an efficient, ele-

gant and comfortable means of transport and these values are reflected in the design of the interior. The dashboard design is a new departure for Jaguar with all instruments including a tachometer set in a single nacelle directly in front of the driver. All major functions, both mechanical and safety, are monitored by 18 warning lights. Electrically-operated windows and central door locking are standard as is a fully-automatic air-conditioning system which automatically maintains a pre-set interior temperature regardless of

outside conditions. Also standard is an 8-track AM/FM stereo sound system and a heated rear window. The four seats have been specially designed for the XJ-S and are covered on the wearing surfaces in real leather. Nylon carpeting is fitted throughout the interior and in the usable 8.5 cubic foot trunk.

The S-type is a Jaguar to suit the changing times yet it remains true to 45 years of Jaguar tradition.

For a new experience in motoring, we suggest you drive the new Jaguar XJ-S soon.





## JAGUAR XJ-S SPECIFICATIONS

### ENGINE:

12-cylinder water-cooled aluminum alloy 60-degree "V" with overhead camshafts (1 per bank) • 3-plane, 7-bearing crankshaft • Exhaust and evaporative emission control • Catalytic converter • Compression ratio: 8.0:1 • Bore: 3.54 in. • Stroke: 2.76 in. • Stroke/bore ratio: 0.78:1 • Displacement: 5343 cc (326 cu in.) • Ignition: Opus Mark II Electronic system consisting of electronic distributor with rotor arm, amplifier unit, ballast resistance unit and high performance coil • Fuel Injection: Bosch-Lucas electronic with separate automatic cold start injector • Fuel Pump: Electric • Fuel Tank Capacity: 24 U.S. gallons (unleaded) • Sump Capacity: 11.4 U.S. pints.

### DRIVE TRAIN:

Transmission: Borg Warner model 12 three-speed fully automatic with overriding manual control, torque converter • Limited Slip Differential • Rear Axle Ratio: 3.31:1 • Overall Gear Ratios: First—7.91/15.82; Second—4.80/9.60; Drive—3.13/6.26; Reverse—6.92/13.84.

### STEERING:

Rack and pinion, power assisted • Adjustable steering column • Turns—lock to lock: 3.25 • Turning circle: 39 ft.

### SUSPENSION:

Front: Independent, "anti-dive" geometry with semi-trailing wishbones incorporating coil springs, shock absorbers and anti-roll bar • Rear: Independent with drive shafts forming upper links,

radius arms, paired shock absorbers with coil springs and anti-roll bar.

### BRAKES:

Servo-assisted 4-wheel disc brakes, dual circuits front to rear with pressure differential warning actuator • Front: 11.18 in. diameter ventilated discs • Rear: 10.38 in. diameter discs mounted inboard.

### ROAD WHEELS:

Cast aluminum alloy wheels, 15 in. diameter, fitted with Dunlop whitewall 205/70VR15 Sports Super steel-belted, radial-ply tubeless tires.

### ELECTRICAL:

Negative ground 12-volt system • Battery Rating: 68 amps at 20 hour rate • Alternator: 66 amps.

### INSTRUMENTS:

Speedometer with trip odometer • Electric tachometer • Indicators for fuel level, water temperature, oil pressure and battery condition • Dual warning light system for vehicle status and vital functions including catalyst and EGR service • Multi-purpose lever on left side of steering column controls headlights, low beam/high beam/flasher and directionals; right side lever controls electric windshield washer and two-speed wipers with single-wipe capability • Interior courtesy lights • Map reading lights • Luggage compartment light • Heated rear window • Central door and window locking switch • Remote-control exterior mirror.

### BODY:

All steel monocoque, 2-door, 2-2.

### INTERIOR:

Factory-installed air conditioning/heating unit with automatic temperature control • Automatic fan with overriding manual control • 8-track AM/FM stereo sound system • Electric power windows • Tinted glass • Fully-reclining leather-faced front seats adjustable for reach (with adjustable head restraints); leather-faced rear seat • Inertia-reel seat belts • Console and lockable glove box • Deep pile carpet • Cigarette lighter.

### BODY COLORS:

BRITISH RACING GREEN • REGENCY RED • SILVER GREY • GREENSAND • SIGNAL RED • DARK BLUE • FERN GREY • OLD ENGLISH WHITE • SQUADRON BLUE • CARRIAGE BROWN • YELLOW GOLD.

### MAIN DIMENSIONS:

Overall length: 192.25 in. • Overall height: 47.80 in. • Overall width: 70.62 in. • Wheelbase: 102 in. • Track at front: 58.62 in. • Track at rear: 58.65 in. • Ground clearance (minimum): 4.5 in. • Curb weight: 3,935 lbs. • Trunk capacity (usable with spare tire): 8.49 cubic feet.

JAGUAR CARS CONFORM TO U.S. FEDERAL MOTOR VEHICLE SAFETY AND AIR POLLUTION STANDARDS APPLICABLE AT THEIR DATE OF MANUFACTURE. SPECIFICATIONS AND COLORS SUBJECT TO CHANGE WITHOUT NOTICE.

BRITISH LEYLAND MOTORS INC., Leonia, N. J. 07605. In Canada: 4445 Fairview Street, Burlington, Ont.

