Rallye Sport



from Ford Advanced Vehicle Operations

Engine (Escort Mexico)
4 cylinder in line. Cubic capacity 1601 cc (97.68 cu. ins). Bore 80.98 mm (3.19 in). Stroke 77.72 mm (3.06 in). Compression ratio 9 :1. Power 86 PS (DIN) at 5,500 rpm ; 98 B.H.P. at 6,000 rpm. Torque 92 lb/ft at 4,000 rpm. Overhead valves. Five main bearing crankshaft. Four branch exhaust manifold. Acceleration 0–50 mph 7·9 secs. Top speed 100 mph plus. (*Autocar* 9/9/71)

Engine (Escort RS1600)
4 cylinder in line. Cubic capacity 1601 cc (97.68 cu. ins). Bore 80.98 mm (3.19 in). Stroke 77.72 mm (3.06 in). Compression ratio 10 :1, Power 115PS (DIN) at 6,500 rpm. Torque 110lb/ft at 4,500 rpm. Overhead valves—4 per cylinder. Twin overhead camshafts driven by toothed rubber belt. Four branch exhaust manifold. Acceleration 0–50 mph 6·4 secs. Top speed 110 mph plus. (*Motor* 9/5/70).

Engine Lubrication (Escort Mexico)
High efficiency mechanical pump. Full flow oil filter. Capacity of system 8 pints (4.6 litres) including filter.

Engine Lubrication (Escort RS1600)
High efficiency mechanical pump. Full flow oil filter. Oil cooler unit. Capacity of system 9.25 pints (5.25 litres) including filter and cooler.

Ignition (Common)
12 volt system, ballast resistor coil.

Fuel System (Escort Mexico)
Mechanical pump. Electrical fuel gauge. Tank capacity 9.0 gallons (40.9 litres).

Fuel System (Escort RS1600)
Mechanical pump. Electrical fuel gauge. Tank capacity 9.0 gallons (40.9 litres). Twin 40 DHLA DELLORTO carburettors.

Cooling System (Escort Mexico)
Pressurised. Capacity of system 12 pints (6.8 litres).

Cooling System (Escort RS1600)
Pressurised. Capacity of system 12.5 pints (7.1 litres).

Transmission (Escort Mexico)
Three rail shift, four-speed synchromesh gearbox, single plate hydraulic 7.5 inch diameter diaphragm clutch. Ratios : 1st 2.972 : 2nd 2.010 : 3rd 1.397 : 4th 1.00 : Reverse 3.324. Final drive 3.77 :1.

Transmission (Escort RS1600)
Three rail shift, four-speed synchromesh gearbox, single plate hydraulic 8 inch diameter diaphragm clutch. Ratios : 1st 2.972 : 2nd 2.010 : 3rd 1.397 : 4th 1.00 : Reverse 3.324. Final drive 3.77 :1.

Body (Common)
Steel integral construction, safety glass all round with laminated windscreen. Two doors with anti-burst door locks. Air extraction vents below rear window. Single tone paint finish. Black painted aluminium grille and chrome plated front quarter and rear bumpers. Flared front wheel arches to accommodate extra wide wheels.

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Rear Axle (Common)
Semi floating, hypoid final drive. Axle ratio 3.77 :1.

Front Suspension (Common)
Independent coil springs, Macpherson struts with integral dampers and stabilise bar.

Rear Suspension (Common)
Live axle with semi-elliptic leaf springs and radius arms. Telescopic hydraulic shock absorbers.

Brakes (Common)
Front—Disc brakes, diameter 9.625 in (24.44 cm), swept area 190.0 sq in (1,225.5 sq cm). Vacuum servo-assistance. Rear—Drum brakes, diameter 9.00 in (22.86 cm), swept area 96 sq in (619.2 sq cm). Vacuum servo-assistance.

Steering (Common)
Rack and pinion. Three spoke, sports, leather rim steering wheel, diameter 14 in (35.6 cm). Turning circle (kerb) 29.7 ft (9.054 m).

Wheels and Tyres (Escort Mexico)
Pressed steel ventilated disc, 4 stud fixing, 5½ in safety ledge rim wheels, diameter 13 in 165 x 13, radial ply tubeless tyres.

Wheels and Tyres (Escort RS1600)
Pressed steel ventilated disc, 4 stud fixing, 5½ in safety ledge rim wheels, diameter 13 in 175 HR 70 x 13, radial ply tubeless tyres.

Electrical Equipment (Common)
35 amp alternator with integral voltage control. Starter motor. Single tone horn. Battery 12 volt, 38 amp. hour at 20 hour rate. 7 fuse system.

Instruments (Common)
Binnacle in front of driver containing speedometer and odometer, tachometer, fuel gauge, temperature gauge, oil pressure gauge and battery condition indicator. Warning lights for ignition, main beam and direction indicators.

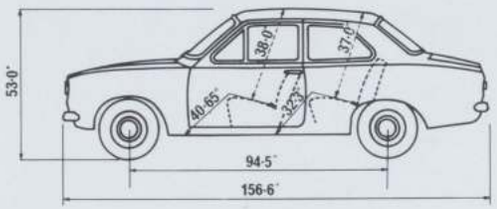
Controls (Common)
Side/headlight, heater fan and windscreen wiper safety rocker switches, choke and starter/ignition switch with combined steering column lock. Direction indicators, main and dipped beam, headlamp flasher and horn controlled from single control stalk mounted on steering column. Hazard warning flasher. Floor mounted, foot operated washer/wiper control.

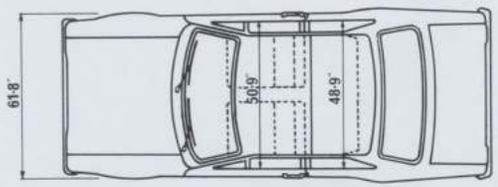
General Equipment (Common)
Two circular, sealed beam 75/50 watt headlamps with combined sidelights. Separate direction indicators below headlamps. Twin tail light assemblies incorporating direction indicator flashers, rear lights, brake warning lights and reflectors. Rear number plate illumination light. Windscreen washers and two-speed wipers. High grade PVC upholstery, washable plastic headlining. Padded top to fascia, and front of collapsible parcel shelf. Looped pile carpet. Individual front bucket seats with anti-tip device. Remote floor mounted gearshift. Door operated courtesy light. Reversing lights. Cowlside map pocket. Two rear grab handles with coat hooks. Luggage compartment light. Safety styled door handles and window winders. Breakaway stem dipping rear view mirror. Ashtray in fascia, rear ashtrays in side panels. Two padded, safety, sun visors. Vanity mirror on passenger side sun visor. Aluminium scuff plates to door sills. Heater and demister. Face level ventilation system, vents in fascia combined with demister nozzles. Seat belts fitted to driver's and front passenger's seats (at extra cost).

Body paint colours Diamond White, Sebring Red, Daytona Yellow, Le Mans Green, Monza Blue, Copper Brown (Metallic).

The vehicle shown is fitted with optional extra parts and accessories available through your Ford Rallye Sport Centre. In view of the Ford policy of continuous improvement, the right is reserved to change the specification, colour range and prices of the models illustrated and described in this publication. You should therefore check current details with your Ford Dealer. In accordance with statutory regulations, front seat belts are fitted. These are supplied at extra cost.

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Available from your Ford Rallye Sport Dealer

Ford Rallye Sport

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