

F. ENGLISH LTD.  
CHARMINSTER



**FORD RALLYE SPORT**



# THE FORD RALLYE SPORT PEDIGREE

Ever since the early days of the motor industry, Ford has been involved with Motor Sport throughout the world. In Britain, enthusiasts have modified, raced and rallied Ford cars over the many years before and since the last war with considerable success. But the really notable successes have been since the early 1960s. To start with, the Anglias and Cortinas dominated many fields of Motor Sport and more recently the Escort, in various forms, has taken trophy after trophy in competitive racing and rallying.

It is only natural that over the years an expertise has grown up within Ford for developing specialist cars for motor sport, cars that have exceptional performance and handling.

A natural extension of this experience was to create a Rallye Sport range of cars. And since cars with this pedigree demand a specialist high quality service back-up, Ford have appointed a select number of Rallye Sport dealers throughout Britain and every major European country, to sell and service the range. These specialists, with eight years of experience under their belt, not only stock a wide selection of performance parts for these vehicles, but ensure that their personnel in the sales, service and parts areas are trained for the job in hand.

# THE FORD RALLYE SPORT RANGE

**The RS2000** – Introduced in January 1976, was engineered to offer an improved ride over its predecessor, the Mk. 1 RS2000 (without sacrificing handling), superior performance, and a higher level of interior appointment.

**With competition-developed heavy duty body.** The RS2000 has been reinforced in areas where suspension loads are fed into the body. Special plates are welded on to the front area that takes the suspension struts mountings. The rear springs are also fixed to reinforced body members.

The bonnet on the RS2000 has been specially designed to take the stylish front end. Its double skinned construction makes it more rigid and helps to reduce the noise level. But of course, just because it's a performance car it does not have to be noisy. Extensive sound insulation has been fitted between the engine and passenger compartment, beneath the carpet, as well as in the doors, roof and in the rear.

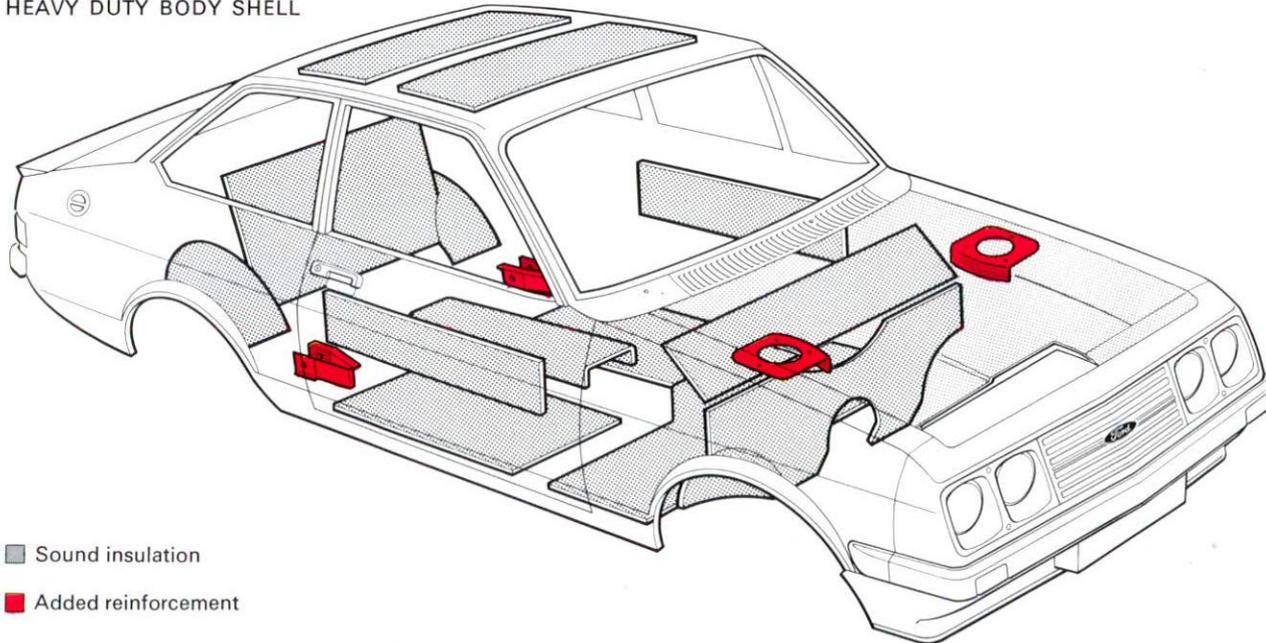
# OFFERING EXCITING PERFORMANCE

Performance is synonymous with safety on the RS models which are therefore designed with the necessary braking reserve, suspension geometry, and wheel/tyre combination to ensure that they stop within the legal limits and hold the road well, too. The planners also took into account that the RS owner of the late 70's will have economy in mind when buying this type of sophisticated machinery, and the new breed of engines were tuned to include this important factor.

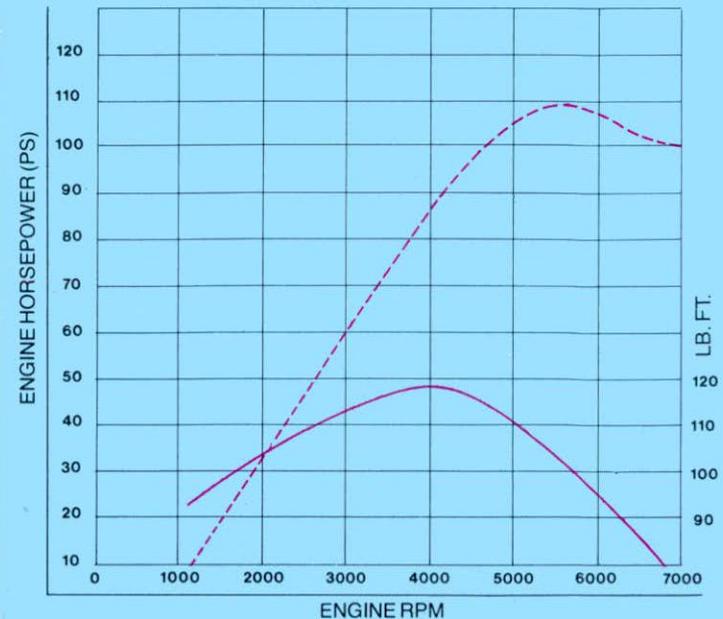
**RS2000 Engine** The RS2000 has a toothed belt driven single overhead camshaft engine of 1993 cc capacity, with wedge-shaped combustion chambers, and valves which are operated by adjustable finger followers. The aluminium bell housing and sump are bolted to each other to form a very rigid unit for maximum strength. This also reduces noise, vibration and harshness.

An exhaust has been developed for the RS2000 with a cast four into two, exhaust manifold. This is bolted to a twin downpipe and connected to a single large bore exhaust. With straight through absorption type silencers, this highly efficient system improves the engine output by about 10%.

HEAVY DUTY BODY SHELL



RS 2000 – POWER & TORQUE CURVES



### Fuel Consumption

(all figures in mpg (L/100km) are from officially approved tests under the Passenger Car Fuel Consumption Order 1977).

	RS2000
Simulated Urban Driving	25.7 (11.0)
Constant Speed (56mph/90kmh)	37.2 (7.6)
Constant Speed (75mph/120kmh)	27.7 (10.2)

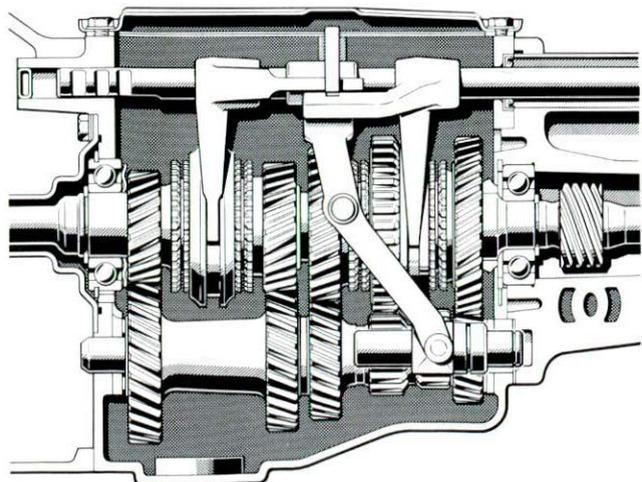
### Engine Specification

	RS2000
Type	Toothed belt-driven single overhead camshaft
Cubic capacity (cc)	1993
Bore (mm)	90.82
Stroke (mm)	76.95
Compression ratio	9.2:1
Maximum power	110 PS DIN @ 5500
Maximum torque	118 lb/ft @ 4000
MPH per 1000rpm	18.6
*Top speed (mph)	108.2
*0-60MPH (seconds)	8.5
*Source:	Motor

**Gearbox** When Ford put in a big engine they put in a robust gearbox as well to take the extra torque. The 4 speed/close ratio all synchromesh gearbox fitted to the RS2000 has a heavy duty, single plate cable operated diaphragm clutch. Easy to depress, the clutch makes changing gear a joy. And so does the gear lever. The pivot point in the gear box has been raised to give shorter movement—useful for quicker changes.

The gearbox casing is of cast iron, while the extension housing and clutch housing are of aluminium alloy.

HEAVY DUTY CLOSE RATIO GEARBOX



# WITH SUPERB HANDLING AND STOPPING

**Aerodynamic body** The most noticeable features on the RS2000 are undoubtedly the styled front end with integral airdam and the rear spoiler. In fact, at speed the lift at the front of the vehicle is reduced by up to 25% and by up to 57% at the rear. The combined effect is to improve straight line stability and reduce aerodynamic drag. Wind tunnel tests carried out on the RS2000 reveal that the drag factor of the RS2000 has been reduced from .445 to .386, an improvement of about 13% over cars not fitted with these features.

**Safe handling through carefully engineered suspension** Twin radius arms are fitted to locate the rear axle and control axle tramp. The rear damper settings have been modified to be compatible with the front ones. The front suspension has larger size McPherson struts and springs than fitted to the normal Escort range, with damper settings designed exclusively for the RS range.

There are also revised suspension pick-up points to achieve an optimum roll centre. An anti-roll bar is fitted as well as a reinforced cross member to withstand rally and off-road conditions.

**Brakes with extra fade recovery characteristics** The brakes have been designed to withstand the extra speed. Special 9" x 13" self adjusting rear brakes and 'Capri-type' 9.6" front discs have been fitted with specially selected calipers and pads. These give extra fade recovery characteristics, and have been praised by the press.

Also a 7" brake booster (as against normal 6") has been fitted. Further evidence that the RS2000 has been engineered throughout.

On today's congested roads one of the few pleasures left is the thrill of driving a performance car that can accelerate, corner, stop, all in complete safety. The RS range offers outstanding cornering ability without sacrificing delightful ride characteristics. Unquestionably, these are the cars for the knowledgeable driver.

**Escort Rally Successes** The following are just a few of the many outstanding rally successes achieved by the RS1600 and RS1800: **1974 (RS1600)**. Welsh International Rally. 1000 Lakes Rally, Finland. RAC Rally. Jim Clark Rally.

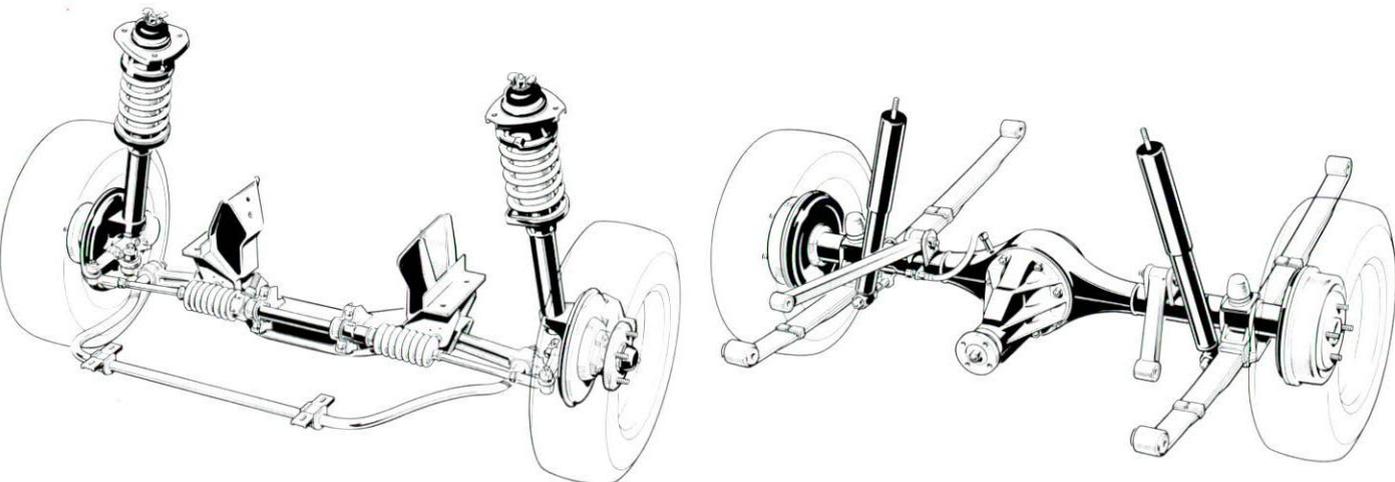
**1975 (RS1800)**. Granite City Rally. Welsh International Rally. Scottish International Rally. South African Total Rally. Manx International Rally. RAC Rally.

**1976 (RS1800)**. Tour of Dean. Snowman Rally. Galway Rally. Granite City Rally. Circuit of Ireland. Welsh International Rally. Scottish International Rally. Jim Clark Rally. Burmah Rally. South African Total Rally. Manx Trophy Rally. RAC Rally.

**1977 (RS1800)**. Arctic Rally. Circuit of Galway. Swedish. Mintex. Circuit of Ireland. Safari Rally. Welsh International Rally. Acropolis. Scottish International Rally. South African Total Rally. RAC Rally.

**1978 (RS1800)**. Circuit of Ireland. Welsh International Rally. Scottish International Rally. Donegal Rally. Swedish Rally. Tulip. Arctic Rally.

SPECIALLY ENGINEERED SUSPENSION SYSTEM



# FORD RS2000

The RS2000 is a car with everything for the driver who has a taste for excitement, and above all – wants to be different. Like style – that starts with the sleek but functional polyurethane front end, and includes the integral front air dam and black rear spoiler. The RS2000 has performance worthy of a car with a winning pedigree as proved by winning the Texaco Tour of Britain. There's an uprated 2-litre OHC engine and "competition bred" mechanicals including a four branch exhaust manifold. This highly efficient system improves the engine power output by about 10%.

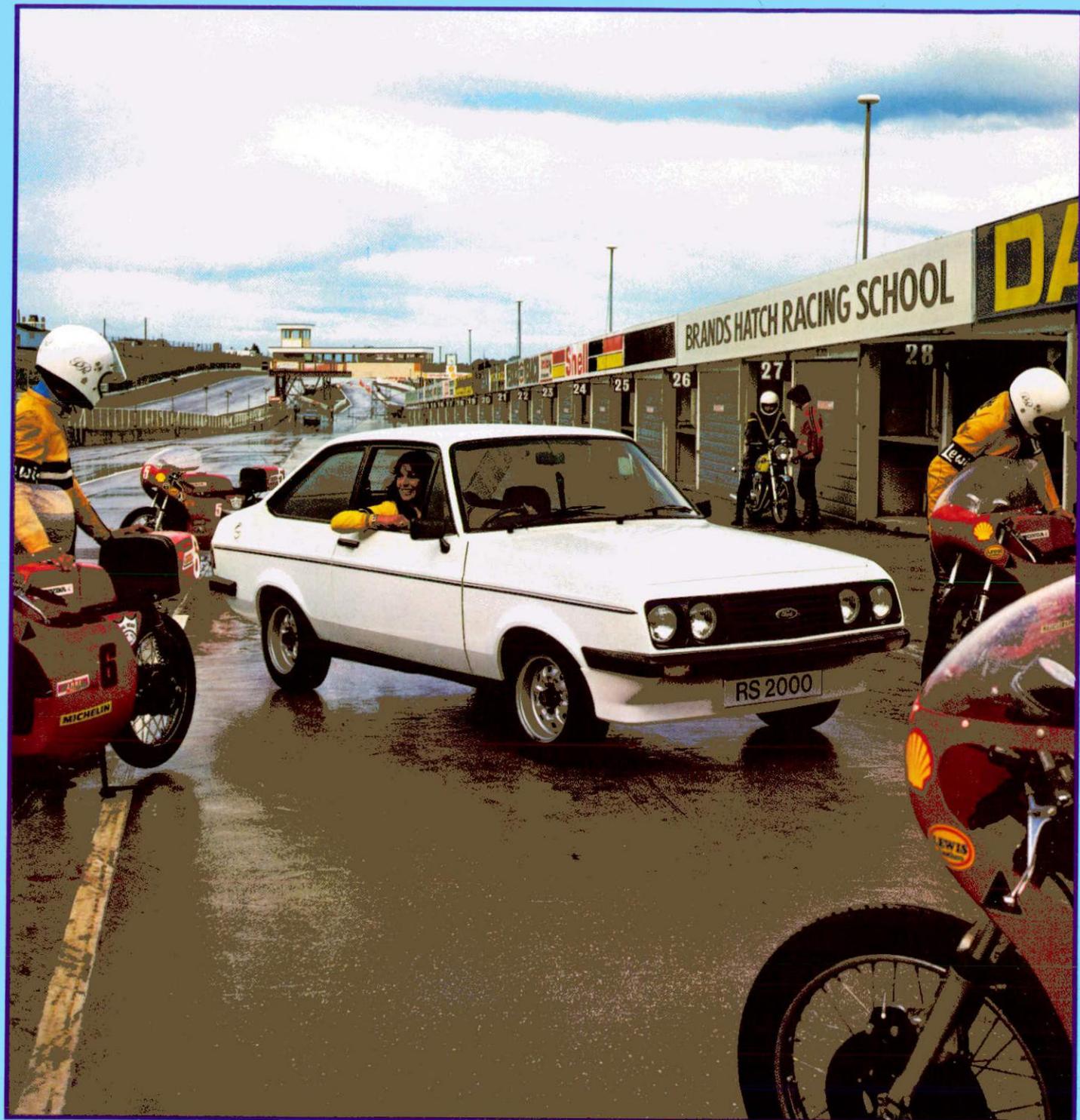
Revised suspension offers a quieter, more comfortable ride while retaining the outstanding road holding that you expect from an RS Ford. All of these factors ensure the exciting RS2000 holds its own with its rivals for the "executive performance car" market.

Within the instrument cluster is a comprehensive set of dials, including an oil pressure gauge, all easily visible through the sports steering wheel. Housed in the face of the 120 mph calibrated speedometer are both trip and total mileage recorders.

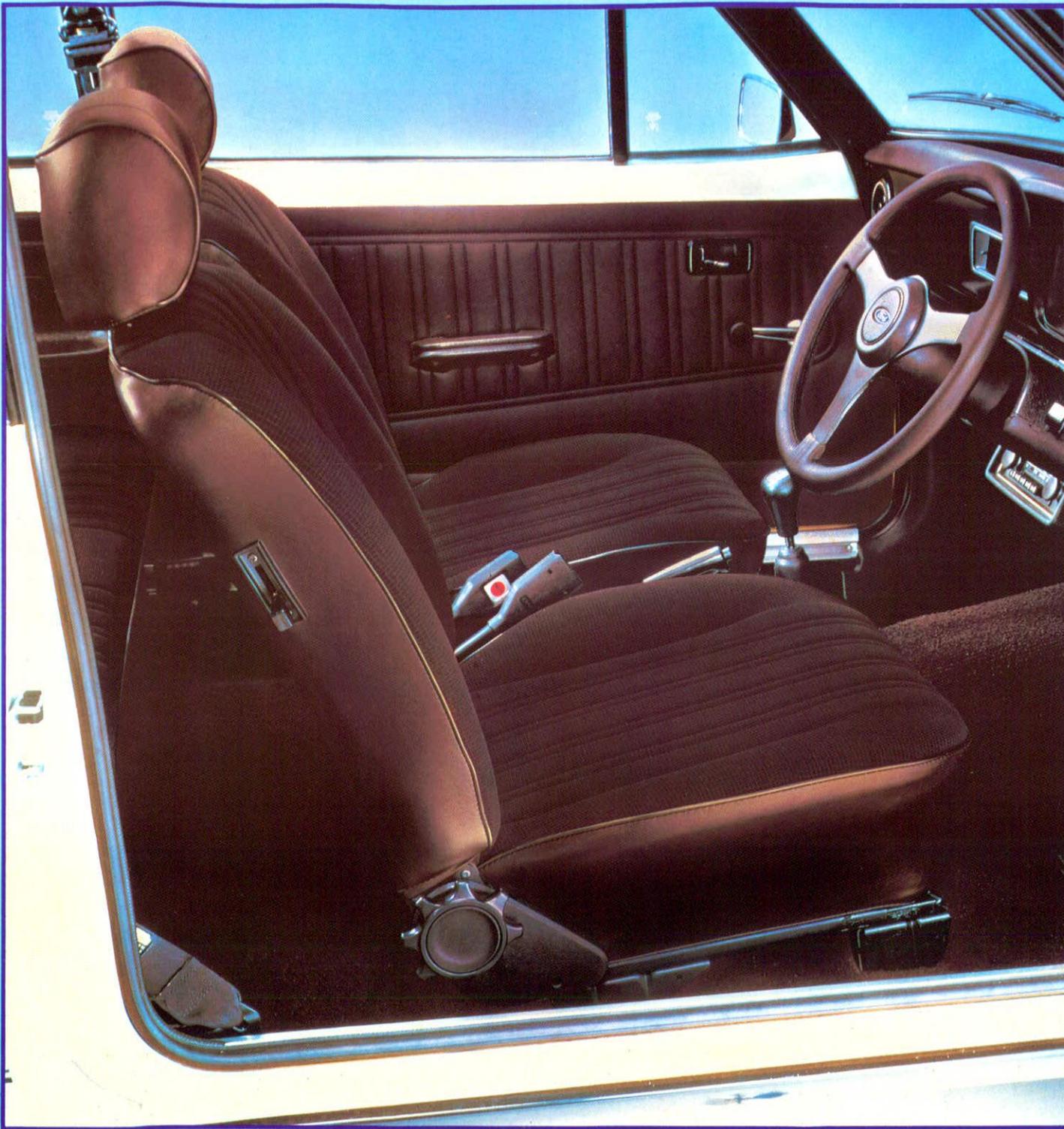
The RS2000 will make you the envy of other motorists because of its sporty appearance, and high degree of engineering sophistication. By selecting from the wide range of Rallye Sport parts available through Rallye Sport dealers, you can convert this exciting car into Group 1 or Group 2 form. A multi-purpose car, the RS2000 can get you to work quickly, give your family safe weekend motoring, and hold its own on forest and tarmac rally-stages alike.

*Among the many standard features are the following:*

- 1993 cc OHC engine.
- Front suspension – Independent McPherson struts, coil springs, telescopic dampers, stabilizer bar, revised geometry.
- Rear suspension – live axle, semi-elliptic leaf springs, radius arms, telescopic dampers.
- 5½ in x 13 in steel wheels 175/HR steel braced radial ply tyres.
- Servo assisted front disc (9.6 in dia) and rear drum (9 in dia) brakes in a dual line brake system with a 7 in brake booster.
- Weber Twin choke carburettor.
- Four speed – all synchromesh, heavy duty single rail shift gearbox.
- 45 amp alternator.
- Four Cibie quartz halogen headlights.
- Intermittent windscreen wipers.
- Extensive sound insulation.
- Full instrumentation including oil pressure gauge.
- Reclining seats with head restraints.
- Beta plus fabric seat facings.
- Rear fog lamp.



The RS2000 illustrated is fitted with the optional push button radio (available at extra cost)



# FORD RS2000 CUSTOM

For the driver that wants all the excitement, performance and road holding of the RS2000, yet even more comfort and refinement, the ideal choice is the RS2000 Custom. The Custom contains a higher level of appointment than the RS2000, with such features as: tinted glass; eye catching Recaro seats, which give even more support, particularly when cornering at speed; 6" alloy wheels and a remote control driver's door mirror.

The RS2000 Custom contains the same engine and mechanicals as the RS2000, but its substantial package of standard features in addition to those of the RS2000 comprises:

- 6 in x 13 in alloy wheels 175/HR steel braced radial ply tyres.
- Recaro seats with see through head restraints.
- Luggage compartment light.
- Remote control driver's door mirror.
- Bronze tinted glass.
- Black back panel.
- Cut pile carpet.
- Sun visor vanity mirror.
- RS glove pocket/clock.
- RS centre console.
- Fully trimmed door panels.
- Glovebox.
- Carpeted luggage compartment.
- Interior 'Custom' badge. (not illustrated)





The RS2000 Custom illustrated is fitted with the optional push button radio, vinyl roof (available at extra cost).



## RALLYE SPORT 'SERIES X' KITS

With Series X kits your Rallye Sport dealer can add authentic Rallye Sport style and performance to any of these fine cars: RS2000, Capri, Cortina, Escort, Fiesta. You can, depending on model, specify more power, bigger brakes, stiffer suspension, lightweight alloy wheels, airdam, spoiler, wheel arches – with Series X you can make as many changes as you like. Nothing could be more flexible.

The Fiesta illustrated is fitted with black polyurethane wing extensions and front air dam, 6 x 13 RS alloy wheels, Pirelli 185 x 60 HR 13 P6 tyres, increased diameter front discs, fixed bucket driver's and passenger reclining front seats together with optional push button radio (available at extra cost). Series X kits, in line with Ford Motor Company policy are subject to continuous development. Versions suitable to convert new or revised models will be announced in due course.



The RS2000 illustrated is fitted with the ultimate combination of 'Series X' kits together with optional push button radio (available at extra cost).

Two downdraught Weber carburetors, big valves and higher lift camshaft brings the power output up to 145bhp DIN.

Rocket gearbox, limited slip differential, ventilated front discs and 'Series X' suspension and steering combine to provide superb performance, roadholding and handling.

The package is completed with 7½" x 13" alloy wheels with 225/55/13 low profile tyres, Zakspeed style wheel arches and airdam.

## RS2000 SPECIFICATION

**Engine lubrication** High efficiency mechanical pump. Full flow oil filter. Capacity of system 6.7 pints (3.75 litres) including filter.

**Ignition** 12 volt system, ballast resistor coil.

**Fuel system** Mechanical pump. Electric fuel gauge. Tank capacity 9 gallons (40.9 litres). Progressive twin venturi single Weber carburettor.

**Cooling system** Pressurised. Capacity of system 12.5 pints (7.1 litres).

**Transmission** Remote, floor mounted single rail gearshift. Four speed all synchromesh gearbox. Single plate cable operated 8½ in. diameter diaphragm clutch.

Gear ratios: 1st 3.65. 2nd 1.97. 3rd 1.37. 4th 1.00.

Rev. 3.66:1.

**Rear axle** Semi floating, hypoid final drive. Axle ratio 3.54:1.

**Front suspension** Independent coil springs. MacPherson struts with integral dampers and stabiliser bar. Revised geometry.

**Rear suspension** Live axle with semi elliptic leaf springs. Radius arms. Telescopic hydraulic shock absorbers.

### Brakes

**Front:** Disc brakes, diameter 9.6 ins. swept area 195 sq. ins. Vacuum servo assistance.

**Rear:** Drum brakes, diameter 9.0 ins. swept area 99 sq. ins. Vacuum servo assistance.

Floor mounted handbrake.

**Steering** Rack and pinion. Turning circle 32.8 feet (10.0m) kerb to kerb.

**Wheels & Tyres** Bright Silver painted, steel styled road wheels, 5½" x 13" 175/70 HR 13 radial ply tyres.

**Electrical equipment** 45 amp alternator with integral voltage control. Battery 12 volt, 55 AH at 20 hour rate. 7 fuse system.

**Exterior equipment** One piece polyurethane front end panel incorporating grille, air dam, and four circular halogen headlights with side lights in outer lights. Separate direction indicators. Twin tail light assemblies incorporating indicators, brake warning lights, reversing lights and reflectors. Rear number plate illumination light. Black polyurethane rear bumper extensions. Matt black, two speed windscreen wipers and electric windscreen washer. Intermittent wiper. Hazard warning flashers. Heated rear window. Two black, door mounted rear view mirrors. Laminated windscreen.

**Interior equipment** Black fascia incorporates speedometer/odometer and tachometer. Separate fuel, water temperature and oil pressure gauges. Warning lights for ignition, indicators and main beam headlights. Simulated leather covered sports steering wheel. Ignition/steering column lock. Cigar lighter.

A three lever control system for two speed windscreen wipers, electric screen washers, horn, indicators, headlight flasher and dipped main beam, headlights and side lights. Automatic choke control.

Reclining front seats with head restraints. Bench style rear seat. Beta plus fabric seat facings. Black washable door panels. Parchment headlining. Two padded sun visors. Dipping rear view mirror. Safety styled door handles and window winders. Carpet.

Ashtray in fascia and two rear ashtrays. Aluminium scuff plates. Aeroflow face level ventilation with eye ball vents and air extraction. Two speed heater/demister with illuminated controls. Rear seat belt anchorage points. Inertia reel seat belts to driver's and front passenger's seats.

**Options (available at extra cost)** Push button MW/LW radio. Alloy road wheels. Remote control door mounted mirror. Black vinyl roof.

All round tinted glass. 'Recaro' front seats. Signal paint.

Rear seat belts.

## Dimensions

Kerbweight:	2035 lbs.	Front track:	50.8 ins.
Overall length:	161.8 ins.	Rear track:	51.8 ins.
Overall width:	61.6 ins.	Fuel tank capacity:	9 imp. gallons
Overall height:	55.0 ins.	Turning circle (kerb to kerb):	32.8 ft.
Wheelbase:	94.0 ins.	Effective luggage capacity:	
Towing capacity:	2205 lbs.		10.3 cu. ft.

**Colours** – Diamond White, Venetian Red, Midnight Blue, Java Green, Nordic Blue, Cordoba Beige, Terracotta, Signal Yellow,\* Signal Red.\*  
\*Available at extra cost.

## RS2000 (CUSTOM) SPECIFICATION

The following features are available as standard equipment on the RS2000 Custom, in addition to those fitted to the RS2000:

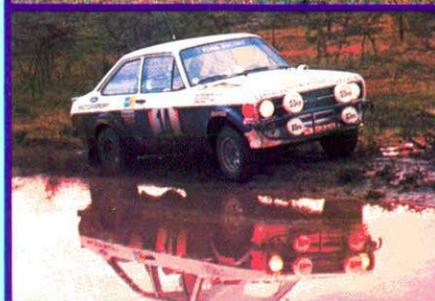
**Wheels & Tyres** Bright silver painted, alloy, styled road wheels 6" x 13" 175/70 HR 13 radial ply tyres.

**Exterior equipment** Black back panel, remote control driver's door mirror, bronze tinted glass.

**Interior equipment** Twin reclining Recaro front seats with see through head restraints, luggage compartment light, passenger's sun visor vanity mirror, centre console, glove box, fascia mounted clock and glove pocket, fully trimmed door panels, cut pile carpet, cut pile carpeted luggage compartment, distinctive interior 'Custom' badge.

**Options (available at extra cost)** Push button MW/LW radio. Black vinyl roof. Signal paint. Rear seat belts.



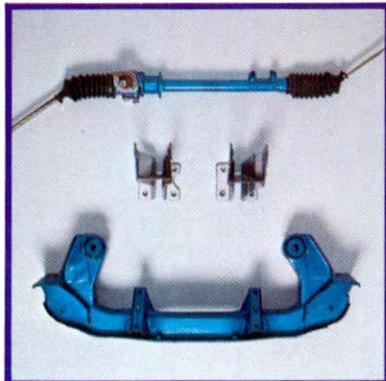


The RS2000 Custom illustrated is fitted with the optional push button radio, vinyl roof (available at extra cost).

# FORD RALLYE SPORT COMPETITION PARTS



RS Alloy Wheel



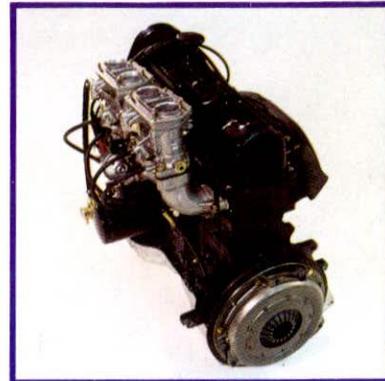
Heavy Duty Crossmember, Engine Mounts, High Ratio Rack and Pinion



Gas filled shock absorbers, Heavy duty spring



Crown wheel and pinion



Fully dressed Group One 2 litre S.O.H.C. engine

In a world of motoring which is daily becoming more and more restricted it is still possible to inject pleasure into a great pursuit. Rallye Sport Parts are intended to help whether you seek escape and excitement in the rugged world of rallying or racing, or simply want to add some extra sparkle to your every-day journey.

These are parts which have helped Ford gain success on every front. They can help you to gain victories and enjoyment, safe in the knowledge that nothing but the best is good enough for an international works team. And nothing but the

best should be good enough for you either!

The range has been designed not only for the serious competitor, but, also for the customer who wants a road car styled to his individual taste. For the competitor, we have roll cages, high ratio steering racks, heavy duty crossmembers . . .

For the individualist, we have wheel arches, spot lamps and covers, shock absorbers, 5½"/7½" alloy or 6"/7" magnesium wheels and a whole host of other parts.

To handle these specialised parts Rallye Sport Dealers in Britain have a direct supply link with the Ford

Rallye Sport Parts Depot at South Ockendon who currently carry over 800 parts to satisfy the requirements of Fiesta, Escort, Cortina, Capri and Granada owners. They are knowledgeable on all aspects of motoring and hold the parts and accessories to make your car a high performer.

If there are any parts you specifically require, then contact the Rallye Sport Parts specialist at your own Rallye Sport Dealer who will provide you with literature and advice. He will be kept up to date with all the latest developments, which are continually in progress.

*All these are available to the public via RS Dealers throughout the country.*



The right is reserved to change the specification of the models illustrated in this publication. You should therefore check current details with your Ford Rallye Sport dealer.

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