

Escort

TWIN CAM 



Supplementary
Workshop Manual

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Supplementary
Workshop Manual
Ford of Britain 

ESCORT TWIN CAM

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FOREWORD

This manual gives the repair and adjustment procedures for components unique to the Escort Twin Cam model. It includes component illustrations wherever possible, technical specifications, and details of any special tools or equipment that may be required. Information on items common to the rest of the Escort range can be found in the appropriate manual.

When the special tools or equipment mentioned are not available, changes may be necessary to some of the dismantling and reassembly procedures. **In certain instances use of special equipment is essential if a satisfactory repair is to be ensured.** For this reason we strongly advise owners and operators to allow Ford Dealerships to carry out the more complex repairs, e.g. the overhaul of gearbox or differential assemblies.

Repair operations tabulated in this manual are of three types:—

- (i) *Basic Operation* – This can be complete by itself or the prelude to additional work. Generally a basic operation describes the removal and installation of a component or assembly.
- (ii) *Subsidiary Operation* – This is additional work related to a basic operation. For example, overhauling an assembly that has already been removed.
- (iii) *Group Operation* – This is a more extensive operation which combines one basic and one or more subsidiary operations. Because the basic and subsidiary operations are themselves already given in detail, the group operation merely lists which of the basic and subsidiary operations are required to successfully perform the group operation.

Examples:—

Basic Operation

OPERATION 3498-A STEERING GEAR – REMOVE AND INSTALL

Subsidiary Operation

OPERATION 3498-A1 Extra: steering gear – adjust

Group Operation

OPERATION 3498-B **STEERING GEAR – ADJUST**
(Includes OPS 3498-A and A1)

In most cases, the basic operation number corresponds to the part number of the component being serviced, i.e. 1107 is the part number of a wheel stud and OP 1107-A refers to wheel studs.

It is not, however, practical to use part numbers for body operations. Therefore, bodywork operations commence at 1000 and are prefixed by the letter M.

Replacement Parts

Behind all Ford products are the vast resources of Ford of Britain Parts Division from which replacement parts and reconditioned units are supplied to markets throughout the world. Remember, these parts are made to the same exacting standards as the original factory fitted components. For this reason always insist that only genuine Ford parts are used as service replacements.

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Vehicle Identification Plate

Vehicle Identification

A vehicle identification plate is riveted to the top of the engine side apron panel and gives details of the type of engine, transmission, axle and body. The codes can be broken down as shown:

A: Saloon and Estate Car – Drive Code:

R or 1 — Right Hand Drive

L or 2 — Left Hand Drive

B: Saloon, Van and Estate Car – Engine Code:

B — 1100 c.c. High Compression

S — 1300 c.c. High Compression

C — 1100 c.c. Low Compression

T — 1300 c.c. Low Compression

R — 1300 c.c. G.T.

Z — 1558 c.c. Twin Cam

C: Saloon, Van and Estate Car – Transmission Code:

1. Floor change (manual)

7. Automatic

D: Saloon, Van and Estate Car – Rear Axle Code:

A — 3.777 : 1 Ratio, Heavy Duty

2 — 3.900 : 1 Ratio, except Heavy Duty

B — 4.125 : 1 Ratio, Heavy Duty

4 — 4.125 : 1 Ratio, except Heavy Duty

C — 4.444 : 1 Ratio, Heavy Duty

5 — 4.444 : 1 Ratio, except Heavy Duty

D — 3.900 : 1 Ratio, Heavy Duty

9 — 3.777 : 1 Ratio, except Heavy Duty

E: Saloon, Van and Estate Car – Trim Combination Number

This code, which consists of an alphabetical prefix and three digits (e.g. B864) indicates the colour and type of material used within the vehicle. Refer to the Soft Trim Parts List for details.

F: Saloon, Van and Estate Car – S.V.C. Reference

This signifies the date of manufacture when a vehicle is shipped unassembled from the source company for assembly in another factory.

G: Saloon, Van and Estate Car – Vehicle Number

The vehicle number consists of eleven symbols, both numerical and alphabetical, arranged five sections.

1. Product Source 2. Assembly Plant 3. Body Type 4. Assembly Code 5. Sequence No.

B

B

40

RH

76132

1. Product Source

"B" signifies that the vehicle was assembled in Britain. When a vehicle is shipped unassembled the letter "C" or "D" is shown to denote the territory in which it is assembled.

2. Assembly Plant

"A" denotes Dagenham

"C" denotes Langley

"B" denotes Halewood

"D" denotes Southampton

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3. Body Type

This is a two figure reference

| | |
|-----------------------------|--------------------------------|
| 40 Escort Saloon (Standard) | 50 Escort Van (6 cwt.) |
| 42 Escort Saloon (De Luxe) | 51 Escort Van (8 cwt.) |
| 43 Escort Estate Car | 5S Escort Four Door (Standard) |
| 44 Escort Saloon (Super) | 5D Escort Four Door (De Luxe) |
| 48 Escort Saloon (G.T.) | 5P Escort Four Door (Super) |
| 49 Escort Saloon (Twin Cam) | 5G Escort Four Door (G.T.) |

4. Assembly Code

This is a two-figure alphabetical date code for factory use only.

5. Sequence Number

This will be a five-figure number within the range 00001 to 99999 and upon reaching the end of a particular range, the sequence number will revert to the original number for that respective model.

H: Saloon, Van and Estate Car – *Paint Code*

This consists of two letters which signify the colour of the paint applied to the vehicle:

| | |
|------------------|--------------------|
| AB — Light Green | BV — Beige |
| CR — Light Green | A3 — Blue Mink |
| BJ — Anchor Blue | A6 — Saluki Bronze |
| CG — Light Blue | A5 — Aquatic Jade |
| BN — Red II | A2 — Silver Fox |