



FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

N - 5466

FICHE COMPLEMENTAIRE D'HOMOLOGATION EN GROUPE "N"
COMPLEMENTARY HOMOLOGATION FORM IN GROUP "N"

Véhicule: Constructeur
Vehicle: Manufacturer

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JAN 1993

IMPORTANT:

La présente fiche comporte toutes informations complémentaires à la fiche d'homologation de base Gr. A pour la participation du véhicule en Gr. N. En cas d'information contradictoire, seule l'information figurant sur la présente fiche est à prendre en considération pour le Gr. N.

IMPORTANT:

This form includes all the additional information to the basic Gr. A homologation form for the participation of the vehicle in Gr. N. In the case of contradictory information, only the information appearing on the present form is to be taken into consideration for Gr. N.

1. GENERALITES / GENERAL

103. Cylindrée 1994.5 cm³
Cylinder capacity

Cylindrée corrigée
Corrected cylinder capacity

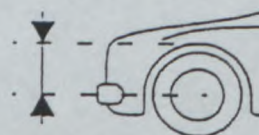
1994.5 x 1.7 = 3390.6 cm³

2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHT

201. Poids minimum 1185 kg
Minimum weight

205. Hauteur minimum centre moyeu de roue /
ouverture du passage de roue
Minimum height center hub /
wheel arch opening

Avant 305 mm
Front
Arrière 315 mm
Rear



207. Voie maximum a) Avant 1470 mm
Maximum track Front

b) Arrière 1487 mm
Rear



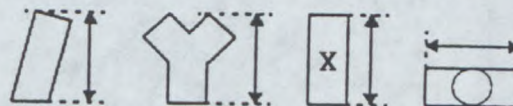
3. MOTEUR / ENGINE

302. Nombre de supports 3 308. Volume minimum total d'une chambre de combustion 64.3 cm³
Number of supports Total minimum volume of a combustion chamber

309. Volume minimum d'une chambre de combustion dans la culasse 45.0 cm³
Minimum volume of a combustion chamber in the cylinder head

310. Rapport volumétrique maximum (par rapport à l'unité) 8.75 :1
Maximum compression ratio (in relation with the unit)

311. Hauteur minimum du bloc-cylindres 219.8 mm selon dessin :
Minimum height of the cylinder block according to drawing:



313. Chemises b) Matériau CAST IRON, IF FITTED
Sleeves Material

317. Piston a) Matériau ALUMINIUM ALLOY
Piston Material

b) Nombre de segments 3 c) Poids minimum 578.0 g
Number of rings Minimum weight

d) Distance de la médiane de l'axe au sommet du piston 40.75 +/-0.1 mm
Distance from gudgeon pin center line to highest point of piston crown

e) Distance (+/-) entre le sommet du piston au PMH et le plan de joint du bloc cylindre 0.4 +/-0.15 mm
Distance (+/-) between the top of the piston at TDC and the gasket plane of the cylinder block

f) Volume de l'évidement du piston 19.5 +/-0.5 cm³
Piston groove volume

AA) Piston
Piston



319. Vilebrequin i) Diamètre maximum des manetons 52 mm
Crankshaft Maximum diameter of crank pins

321. Culasse c) Hauteur minimum 137.8 mm
Cylinderhead Minimum height

d) Endroit de la mesure HEAD FACE TO MACHINED TOP DECK
Where measured

322. Epaisseur du joint de culasse serré 1.2 +/-0.2 mm
Thickness of tightened cylinderhead gasket



325. Arbre à cames e) Diamètre des paliers 28
Camshaft Diameter of bearings m

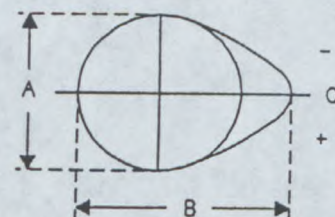
g) Dimensions de la came
Cam dimensions

Admission
Inlet

A = 38.3 +/-0.1 mm
B = 46.80 +/-0.1 mm

Echappement
Exhaust

A = 38.3 +/-0.1 mm
B = 46.80 +/-0.1 mm



326. Distribution a) Jeu théorique de distribution admission m m échappement m m
Timing Theoretical clearance for valve timing intake exhaust

d) Levée de came en mm (arbre démonté)
Cam lift in mm (dismounted camshaft)

(dessin / drawing Art. 325)

ADMISSION / INTAKE					ECHAPPEMENT / EXHAUST				
Angle de rotation en degrés Rotation angle in degrees	Levée en mm (+/-0.2 mm) Lift in mm (+/-0.2 mm)	Angle de rotation en degrés Rotation angle in degrees	Levée en mm (+/-0.2 mm) Lift in mm (+/-0.2 mm)	Angle de rotation en degrés Rotation angle in degrees	Levée en mm (+/-0.2 mm) Lift in mm (+/-0.2 mm)	Angle de rotation en degrés Rotation angle in degrees	Levée en mm (+/-0.2 mm) Lift in mm (+/-0.2 mm)	Angle de rotation en degrés Rotation angle in degrees	Levée en mm (+/-0.2 mm) Lift in mm (+/-0.2 mm)
0	8.5		8.5	0	8.5		8.5		8.5
- 5	8.4	+ 5	8.4	- 5	8.4	+ 5	8.4		
- 10	8.2	+ 10	8.2	- 10	8.2	+ 10	8.2		
- 15	7.8	+ 15	7.8	- 15	7.8	+ 15	7.8		
- 30	5.7	+ 30	5.7	- 30	5.7	+ 30	5.7		
- 45	2.5	+ 45	2.5	- 45	2.5	+ 45	2.5		
- 60	0	+ 60	0	- 60	0	+ 60	0		
- 75	0	+ 75	0	- 75	0	+ 75	0		
- 90		+ 90		- 90		+ 90			
- 105		+ 105		- 105		+ 105			
- 120		+ 120		- 120		+ 120			
- 135		+ 135		- 135		+ 135			
- 150		+ 150		- 150		+ 150			

Un décalage de l'ensemble des mesures de +/- 2 degrés est accepté.

A shift of +/- 2 degrees of the whole measurement is accepted.

e) Levée maximum des soupapes
Maximum valve lift

	Levée maximum Maximum valve lift
Admission / Intake	8.5 +/-0.2 mm
Echappement / Exhaust	8.5 +/-0.2 mm

avec jeu selon Art. 326.a
with clearance according to Art. 326.a



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

N - 5466

327. Admission
Intakeh) Nombre de ressorts par soupape
Number of springs per valve1i) Caractéristiques des ressorts :
Spring characteristics :Sous une charge de
Under a load of66.7kg, la longueur max. du ressort est de
kg, the max. length of the spring is23.45

m

k) Diamètre extérieur des ressorts
External diameter of the springs29.4

+/-0.2 mm

l) Nombre de spires des ressorts
Number of spring coils5.8m) Diamètre du fil des ressorts
Diameter of spring wire3.9

+/-0.1 mm

n) Longueur libre max. des ressorts
Max. free length of the springs40

m

328. Echappement
Exhausti) Nombre de ressorts par soupape
Number of springs per valve1k) Caractéristiques des ressorts :
Spring characteristics :Sous une charge de
Under a load of66.7kg, la longueur max. du ressort est de
kg, the max. length of the spring is23.45

m

l) Diamètre extérieur des ressorts
External diameter of the springs29.4

+/-0.2 mm

m) Nombre de spires des ressorts
Number of spring coils5.8n) Diamètre du fil des ressorts
Diameter of spring wire3.9

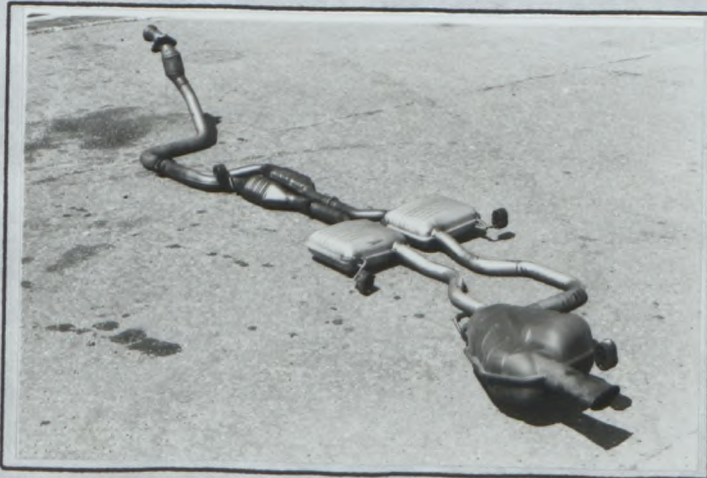
+/-0.1 mm

o) Longueur libre max. des ressorts
Max. free length of the springs40

m

p) Diamètre de tuyauterie entre collecteur et premier silencieux
Diameter of pipe between manifold and first silencer60

mm +/- 5%

BB) Echappement complet
Complete exhaust system329. Système anti-pollution
Anti pollution system

a)

oui	K36
yes	XRX

b) Description
DescriptionCATALYST

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ESCORT RS COSWORTH

Homologation No

N - 5466

330. Système d'allumage
Ignition system

a) Type MAPPED & COMPUTER TRIGGERED
Type

d) Nombre de bobines
Number of coils

1

331. Système de refroidissement
Cooling system

Capacité
Capacity

7.5

l

332. Ventilateur de refroidissement
Cooling fan

a) Nombre
Number

1

b) Diamètre de l'hélice
Diameter of the screw

2 X 278

mm

c) Matériau de l'hélice
Material of the screw

PLASTIC

d) Nombre de pales
Number of blades

2 X 7

e) Type d'entraînement
Type of drive

ELECTRIC MOTOR

f) Ventilateur débrayable
Automatic cut in

oui
yes

~~oui~~
~~yes~~

333. Système de lubrification
Lubrication system

c) Capacité totale
Total capacity

3.8

l

d) Refroidisseur(s) d'huile
Oil cooler(s)

oui
yes

~~oui~~
~~no~~

Nombre
Number

1

e) Emplacement du(des) refroidisseur(s)
Location of the cooler(s)

ALONGSIDE ENGINE BLOCK

f) Type du(des) refroidisseur(s)
Type of the cooler(s)

OIL TO WATER EXCHANGER



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

N - 5466

4. CIRCUIT DE CARBURANT / FUEL CIRCUIT

401. Réservoir
Fuel tank

d) Capacité totale
Total capacity 70 l

e) Emplacement des orifices
Filler hole locations REAR SIDE PANEL

402. Pompe(s) à essence
Fuel pump(s)

a)

Electrique Electrical	Mécanique Mechanical
--------------------------	---

b) Nombre
Number 1

c) Marque et type
Make and type FORD; ROLLER CELL

d) Emplacement
Location IN FUEL TANK

e) Débit maximum
Maximum flow 2.5 l/mn à - t/mn
l/mn at rpm

5. EQUIPEMENT ELECTRIQUE / ELECTRICAL EQUIPMENT

501. Batterie(s)
Batterie(s)

c) Emplacement
Location IN ENGINE BAY

502. Génératrice(s)
Generator(s)

a) Nombre
Number 1

b) Type
Type ALTERNATOR

c) Système d'entraînement
Drive system MULTI VEE BELT

d) Puissance nominale
Nominal power 1080 watts

503. Phares escamotables
Retractable headlights

a)

OUI	non
NON	no

b) Système de commande
Control system



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

N - 5466

6. TRANSMISSION / POWER TRAIN

602. Embrayage
Clutch

a) Type
Type

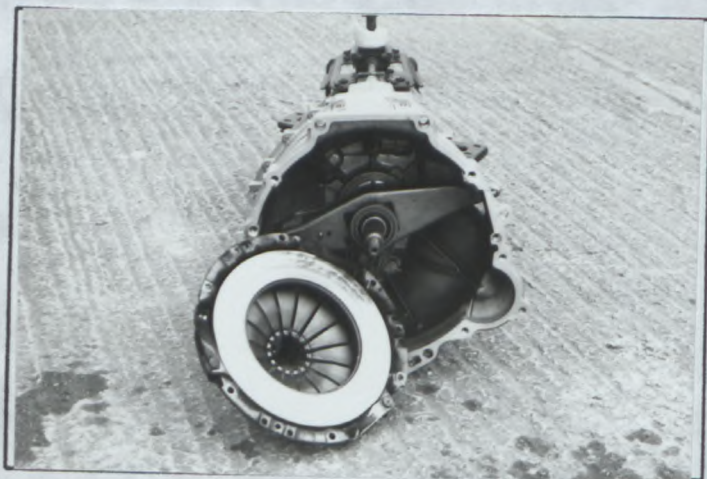
DRY

d) Diamètre du(des) disque(s)
Diameter of the plate(s)

242

+/-2 mm

CC) Embrayage
Clutch



603. Boîte de vitesses
Gearbox

h) Refroidisseur d'huile
Oil cooler

☒	non
☒	no

Type
Type

—

604. Boîte de transfert / différentiel central :
Transfer box / central differential :

e) Répartition du couple :
Torque distribution :

e1) Avant
Front

34

%

Arrière
Rear

66

%

e2) Nombre de dents :
Number of teeth :

PLANET 13; SUN 32; ANNULUS 58

f) Type de limitation de différentiel central
Type of central differential limitation

VISCOUS COUPLING

605. Couple final
Final drive

d) Type de limitation de
différentiel
Type of differential
limitation

f) Refroidisseur d'huile
Oil cooler

Type
Type

Avant / Front	Arrière / Rear								
—	VISCOUS COUPLING								
<table border="1"><tr><td>☒</td><td>non</td></tr><tr><td>☒</td><td>no</td></tr></table>	☒	non	☒	no	<table border="1"><tr><td>☒</td><td>non</td></tr><tr><td>☒</td><td>no</td></tr></table>	☒	non	☒	no
☒	non								
☒	no								
☒	non								
☒	no								
—	—								

Marque
 Make

FORD

 Modèle
 Model

ESCORT RS COSWORTH

N - 5466

7. SUSPENSION / SUSPENSION

702. Ressorts hélicoïdaux
Helical springs
 a) Matériau
 Material

Avant / Front	Arrière / Rear
STEEL	STEEL

703. Ressorts à lames
Leaf springs
 a) Matériau de lame maîtresse
 Material of main leaf

 Matériau de 2ème lame
 Material of 2nd leaf

 Matériau de 3ème lame
 Material of 3rd leaf

 Matériau de 4ème lame
 Material of 4th leaf

 Matériau de 5ème lame
 Material of 5th leaf

 Matériau de lame auxiliaire
 Material of auxiliary leaf

Avant / Front	Arrière / Rear
-	-
-	-
-	-
-	-
-	-
-	-

704. Barres de torsion
Torsion bars
 c) Matériau
 Material

Avant / Front	Arrière / Rear
-	-

706. Stabilisateur
Stabiliser

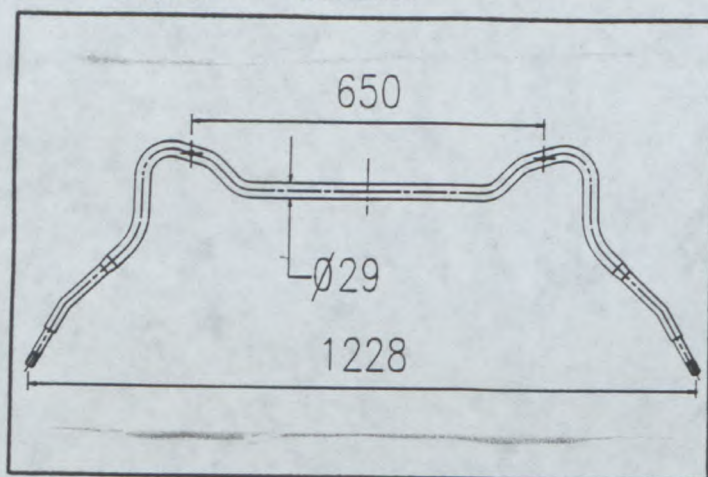
a) Longueur efficace
Effective length

b) Diamètre efficace
Effective diameter

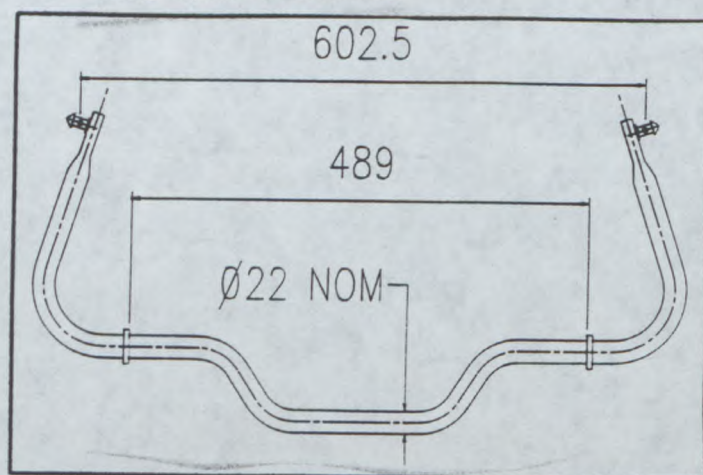
c) Matériau
Material

Avant / Front	Arrière / Rear
650 mm +/-1%	489 mm +/-1%
29 mm	22 mm
STEEL	STEEL

XI) Dessin ou photo du stabilisateur avant
Drawing or photo of front stabiliser



XI) Dessin ou photo du stabilisateur arrière
Drawing or photo of rear stabiliser



8. TRAIN ROULANT / RUNNING GEAR

801. Roues Wheels

a) Diamètre Diameter

16
406 mm

16
406 mm

16
406 mm

b) Largeur Width

8
203 mm

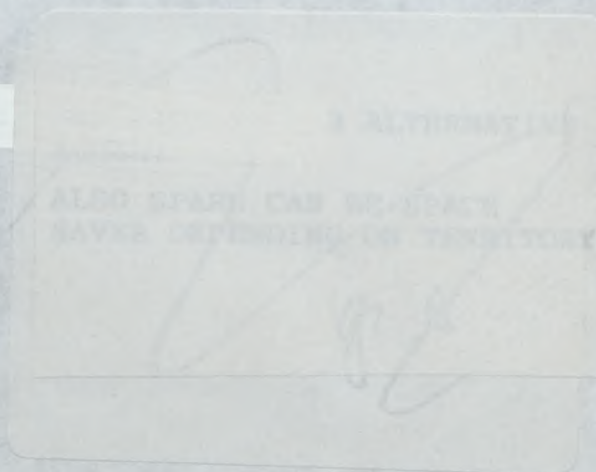
8
203 mm

8
203 mm

802. Emplacement de la roue de secours Location of the spare wheel

IN REAR OF CAR

EE) Roue de secours dans son emplacement Spare wheel in its location



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

N - 5466

9. CARROSSERIE / BODYWORK

901. Intérieur
Interior

c) Climatisation
Air conditioning

☒	oui	☒	non
☒	yes	☒	no

OPTIONAL

d) Sièges
Seats

d1) Type des sièges arrière
Type of rear seats

BENCH

d2) Appuie-tête
Headrest

Avant / Front	Arrière / Rear								
<table><tr><td>oui</td><td>non</td></tr><tr><td>yes</td><td>no</td></tr></table>	oui	non	yes	no	<table><tr><td>oui</td><td>non</td></tr><tr><td>yes</td><td>no</td></tr></table>	oui	non	yes	no
oui	non								
yes	no								
oui	non								
yes	no								

d4) Siège arrière rabattable
Rear seat can be folded

☐	oui	☒	non
☐	yes	☒	no

e) Plaque arrière
Rear ledge

☐	oui	☒	non
☐	yes	☒	no

e1) Matériau
Material

BOARD

902. Extérieur
Exterior

n) Essuie-glace arrière
Rear wiper

☐	oui	☒	non
☐	yes	☒	no

326

Manufacturing requirements dictates that camshaft base circle radius (Dim A/2) can be reduced by up to 1.5mm. This produces a corresponding reduction in Dim B; without altering in any way the cam lift curve as detailed in 326d.





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

N 5466

Groupe
Group

N

Extension No

01/01ER

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type ☐ VO Variante option / Option variant
- ☐ ET Evolution normale du type / Normal evolution of the type ☒ ER Erratum / Erratum
- ☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 APRIL 1993

Page ou ext. Page or ext.	Article Article*	Description Description
N1	207a	Maximum Track - Front = 1490 mm (was quoted as 1470 mm)
N1	207b	Maximum Track - Rear = 1505 mm (was quoted as 1487mm)





FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation No

N-5466

Groupe
Group

N

Extension No

02 / 02 ER

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the
- ☐ ET Evolution normale du type / Normal evolution of the
- ☐ VF Variante de fourniture / Supply variant
- ☐ VO Variante option / Option variant
- ☒ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

01 JAN. 1997

Page ou ext.	Article	Description
Page or ext.	Article	Description
6	402e	Maximum fuel flow = 4.0 litres/minute Measured against a minimum fuel pressure of 5 Bar; at a maximum of 14.5 Volts and a maximum temperature of 20°C. Previous value was mean delivery flow at 5 Bar, at 12.0 Volts

Flaudryh
FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

8, place de la Concorde, 75008 Paris

Services Administratifs :

8 bis, rue Boissy d'Anglas, 75008 Paris

Page _____



FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A-5466

Groupe A/B
Group

FICHE D'HOMOLOGATION CONFORME A L'ANNEXE J DU CODE SPORTIF INTERNATIONAL
HOMOLOGATION FORM IN ACCORDANCE WITH APPENDIX J OF THE INTERNATIONAL SPORTING CODE

Homologation valable à partir du
Homologation valid as from

1 JANUARY 1993

A) Voiture vue de 3/4 avant
Car seen from 3/4 front



B) Voiture vue de 3/4 arrière
Car seen from 3/4 rear



1. GENERALITES / GENERAL

101. Constructeur
Manufacturer FORD MOTOR COMPANY LIMITED

102. Dénomination(s) commerciale(s) - Modèle et type
Commercial name(s) - Model and type ESCORT RS COSWORTH

103. Cylindrée 1994.5 cm³
Cylinder capacity Cylindrée corrigée 1994.5 x 1.7 = 3390.6 cm³
Corrected cylinder capacity

104. Mode de construction :
Type of car construction :

a) Mode :
Type :

XXXXXX séparée XXXXXX separate	monocoque unitary construction
---	-----------------------------------

b) Matériau du châssis / coque
Material of chassis / bodyshell STEEL SHEET WITH PLASTIC BODY MOULDINGS

105. Nombre de volumes 2
Number of volumes

106. Nombre de places 5
Number of places



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

A-5466

2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHT

202. Longueur hors-tout 4211 mm +/- 1 % - see note Page 20A
Overall length
203. Largeur hors-tout 1742 mm +/- 1 %
Overall width
- Endroit de mesure
Where measured AT REAR AXLE
204. Largeur de carrosserie a) A la hauteur de l'axe avant 1735 mm +/- 1 %
Width of bodywork At front axle
- b) A la hauteur de l'axe arrière 1742 mm +/- 1 %
At rear axle
206. Empattement 2551 mm +/- 1 %
Wheelbase
209. Porte-à-faux a) Avant 807 mm +/- 1 % b) Arrière 853 mm +/- 1 %
Overhang Front Rear
210. Distance "G" (volant - paroi de séparation arrière) 1590 mm
Distance "G" (steering wheel - rear bulkhead)



Marque
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Modèle
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ESCORT RS COSWORTH

A-5466

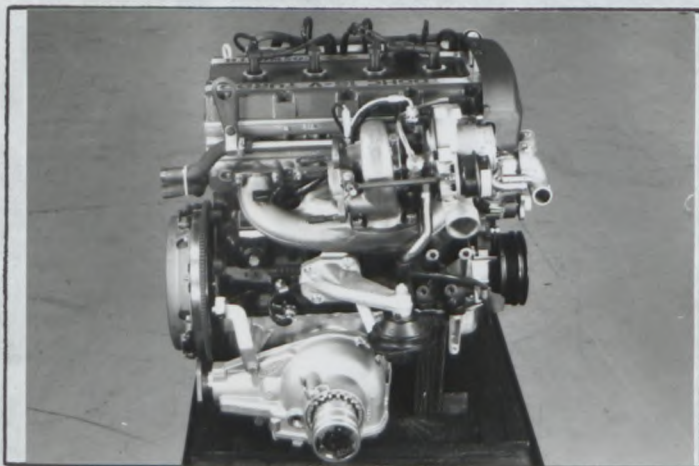
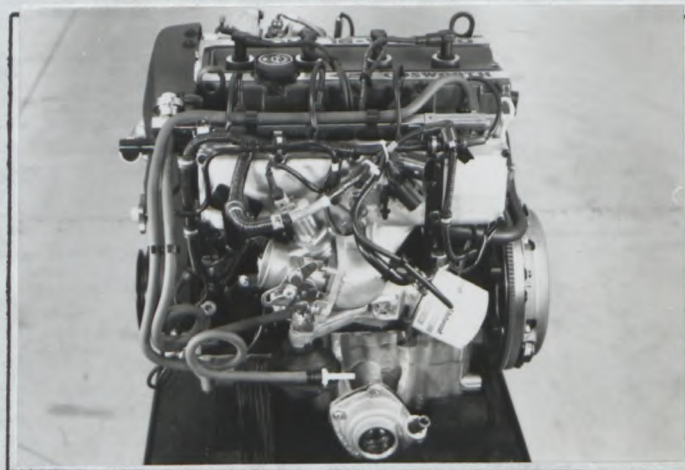
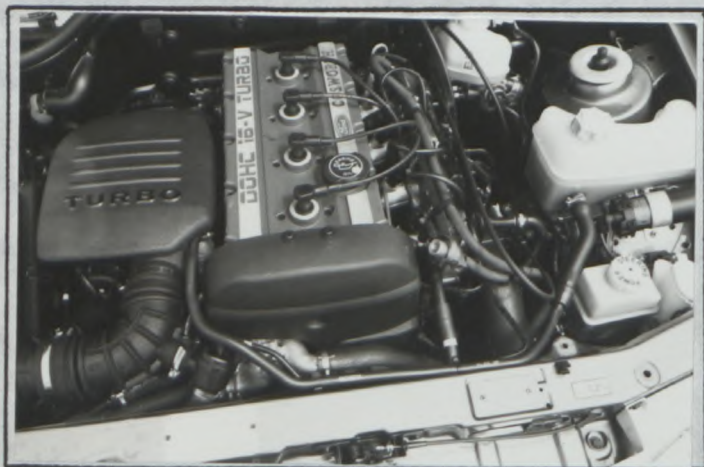
3. MOTEUR / ENGINE

(en cas de moteur rotatif, voir Art. 335 sur fiche additionnelle)
(in case of rotative engine, see Art. 335 on additional form)301. Emplacement et position du moteur
Location and position of the engine

FRONT, LONGITUDAL, VERTICAL

303. Cycle
Cycle

4

C) Profil droit du moteur déposé
Right hand view of dismantled engineD) Profil gauche du moteur déposé
Left hand view of dismantled engineE) Moteur dans son compartiment
Engine in its compartment304. Suralimentation
Supercharging

oui	X
yes	X

(en cas de suralimentation, voir Art. 334 sur fiche additionnelle)
(in case of supercharging, see Art. 334 on additional form)Type et nombre de compresseurs
Type and number of compressors

1 x TURBOCHARGER

Marque
Make

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Model

ESCORT RS COSWORTH

A-5466

305. Nombre et disposition des cylindres
Number and layout of cylinders

4, IN LINE

306. Mode de refroidissement
Type of cooling

LIQUID

307. Cylindrée
Cylinder capacitya) Unitaire 498.5 cm³
Unitaryb) Totale
Total1994.5x1.7=3390.6cm³c) Totale max. autorisée 2021.0x1.7=3435.7cm³
Max. total allowedINDICATION NON VALABLE EN GROUPE N
NOT VALID FOR GROUP N312. Matériau du bloc-cylindre
Cylinder block material

FERROUS

313. Chemises :
Sleeves :a) oui ~~non~~
yes ~~no~~c) humides ~~sèches~~
~~wet~~ dryFACTORY RECLAIM
ONLY314. Alésage
Bore

90.8 mm

315. Alésage maximum autorisé 91.4 mm
Maximum bore allowed316. Course
Stroke

77.0 mm

INDICATION NON VALABLE EN GROUPE N
NOT VALID FOR GROUP N318. Bielle :
Connecting rod :a) Matériau STEEL
Materialb) Type de la tête de bielle
Big end type SPLITc) Diamètre intérieur de la tête de bielle (sans coussinets)
Interior diameter of the big end (without shell bearings)

55 mm

d) Longueur entre axes 128.5 ± 0.2 mm
Length between the axese) Poids minimum 675 g
Minimum weight319. Vilebrequin
Crankshafta) Type de construction ONE PIECE
Type of manufactureb) Matériau STEEL
Materialc) ~~cast~~ forgé
~~cast~~ forgedd) Nombre de paliers 5
Number of bearingse) Type de paliers PLAIN
Type of bearingsf) Diamètre des paliers 56.98 mm ± 0.2
Diameter of bearings

SEE PAGE 20

g) Matériau des chapeaux de paliers FERROUS
Bearing caps materialh) Poids minimum du vilebrequin nu 14.200 g
Minimum weight of bare crankshaft320. Volant moteur :
Flywheel :a) Matériau
Materialb) Poids minimum avec couronne de démarreur
Minimum weight with starter ring

Boîte manuelle/Manual gearbox	Boîte automatique/Automatic gearbox
STEEL	
8370 g	
Utilisable uniquement avec boîte de vitesses automatique Only usable with an automatic gearbox	

Marque
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A-5466

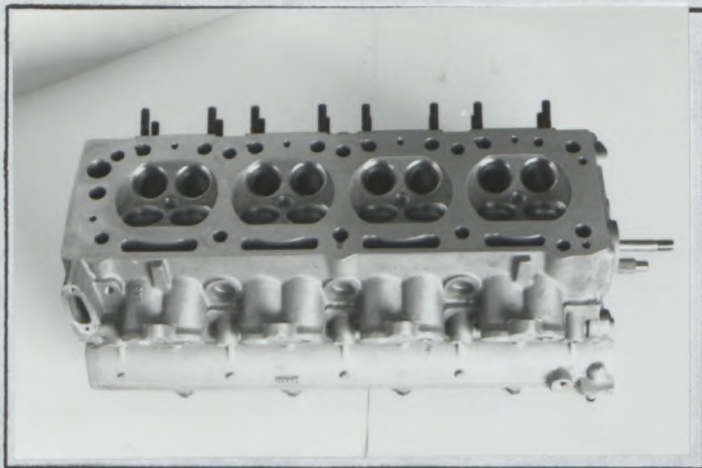
321. Culasse :
Cylinderhead :

a) Nombre
Number 1

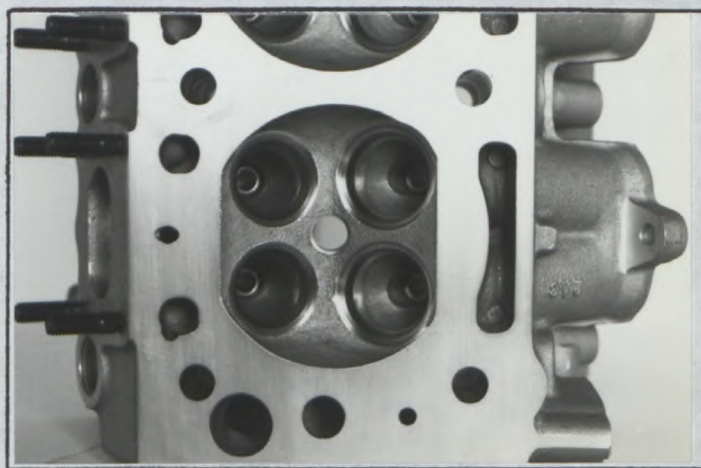
b) Matériau
Material ALUMINIUM ALLOY

- e) Angle entre soupape d'admission et la verticale
Angle between intake valve and vertical $22\frac{1}{2}^{\circ}$
- f) Angle entre soupape d'échappement et la verticale
Angle between exhaust valve and vertical $22\frac{1}{2}^{\circ}$

F) Culasse nue
Bare cylinderhead



G) Chambre de combustion
Combustion chamber



323. Alimentation par carburateur :
Fuel feed by carburettor :

a) Nombre de carburateurs
Number of carburetors —

b) Type —
Type

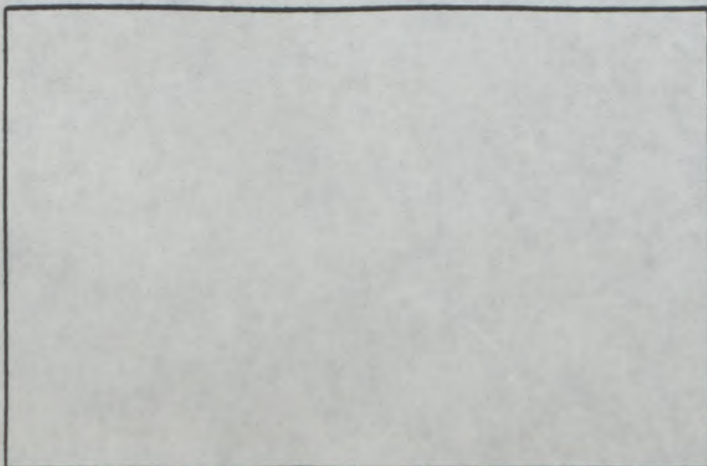
c) Marque et modèle
Make and model —

d) Nombre de passages de gaz par carburateur
Number of mixture passages per carburettor —

e) Diamètre maximum de la sortie de gaz du carburateur
Maximum diameter of the carburettor mixture exit port — mm

f) Diamètre du diffuseur au point d'étranglement maximum
Diameter of the venturi at the narrowest point — +/- 0.25 mm

H) Carburateur(s)
Carburettor(s)



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

A - 5 4 6 6

324. Alimentation par injection : a) Marque WEBER; FORD; BOSCH b) Modèle E.F.I.
Fuel feed by injection : Make _____ Model _____

c) Mode de dosage du carburant :
Kind of fuel measurement :

mechanical

électronique
electronic

hydroxylic x

d) Dimensions du conduit d'admission au niveau du papillon ou de la guillotine
Dimensions of intake pipe at the throttle or slide location

56

 ± 0.25 mm

e) Nombre de sorties effectives de carburant
Number of effective fuel outlets

4

h) Position des injecteurs Position of injectors

(1)

**Collecteur
Manifold**

KJMMX
Cottonwood Canyon

g) Capteurs du système d'injection
Sensors of injection system AIR TEMP; COOLANT TEMP; AIR PRESSURE;

THROTTLE POTENTIOMETER; FUEL PRESSURE; CRANK POSITION AND SPEED;
CAM POSITION; KNOCK; LAMDA.

h) Actionneurs du système d'injection E.C.U. INJECTORS; FUEL PRESSURE REGULATOR; Actuators of injection system

IDLE SPEED CONTROL

H) Système d'injection



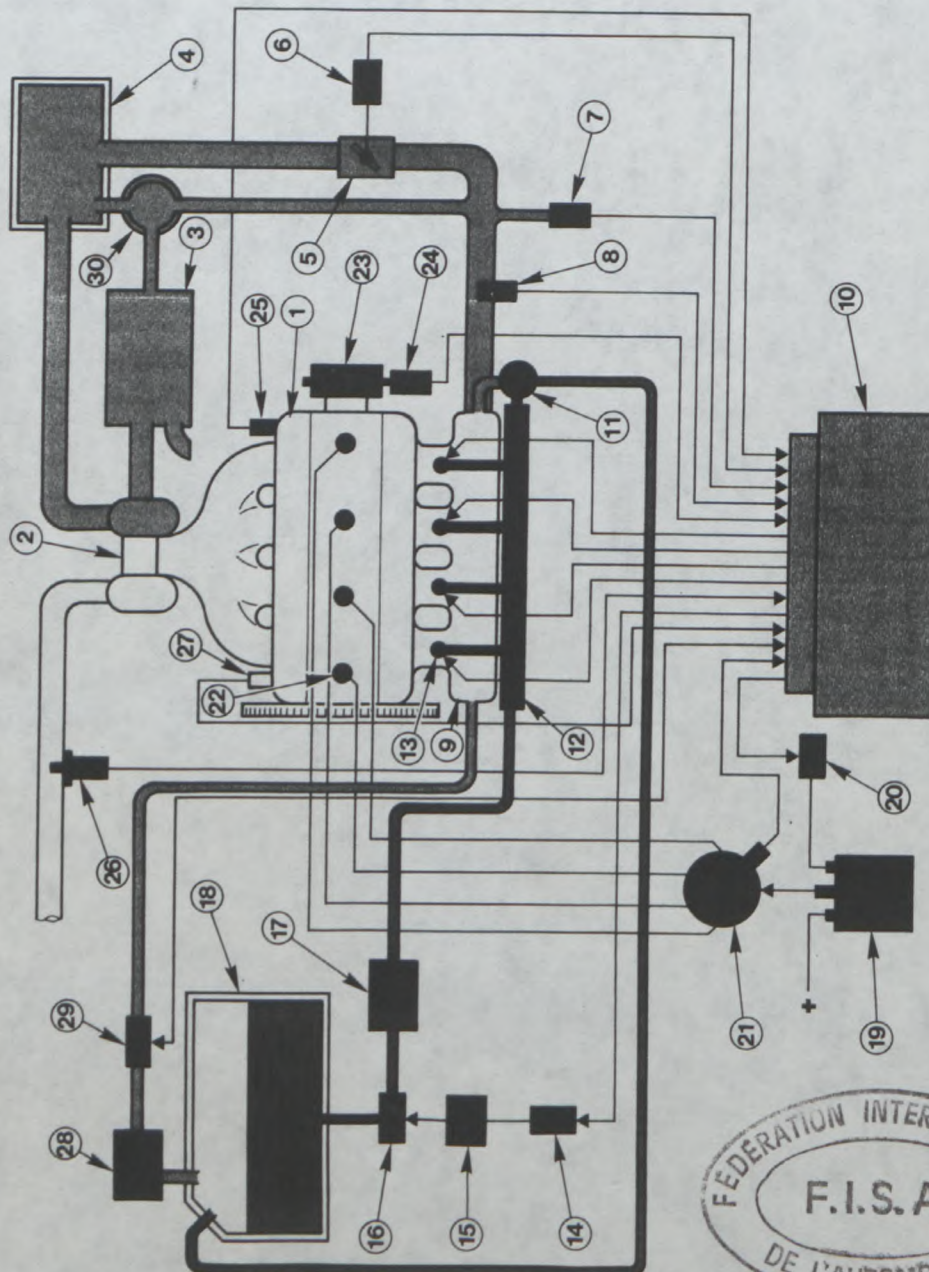
XIV) LOCALISATION DES CAPTEURS ET ACTIONNEURS / LOCATION OF SENSORS AND ACTUATORS :

Schematic diagram of electronic engine management system

- 1 Engine
- 2 Turbocharger
- 3 Air cleaner
- 4 Intercooler
- 5 Throttle plate
- 6 Throttle position sensor (TPS)
- 7 Manifold absolute pressure sensor (MAP)
- 8 Air charge temperature sensor (ACT)
- 9 Intake manifold
- 10 ECU module
- 11 Pressure regulator
- 12 Fuel distributor pipe
- 13 Injector valves
- 14 Fuel pump relay
- 15 Inertia switch
- 16 Fuel pump
- 17 Fuel filter
- 18 Fuel tank
- 19 Coil
- 20 Ignition module
- 21 Distributor with phase sensor
- 22 Spark plugs
- 23 Pulley with pulse cams
- 24 Engine speed/TDC sensor
- 25 Knock sensor
- 26 Lambda sensor
- 27 Engine coolant temperature sensor (ECT)
- 28 Carbon canister
- 29 Canister purge solenoid valve
- 30 Solenoid control valve

Engine Management System

As in all Cosworth engines, the electronic engine management system consists of a Weber fuel injection system and a Marelli ignition system. Both systems are controlled by the ECU module.



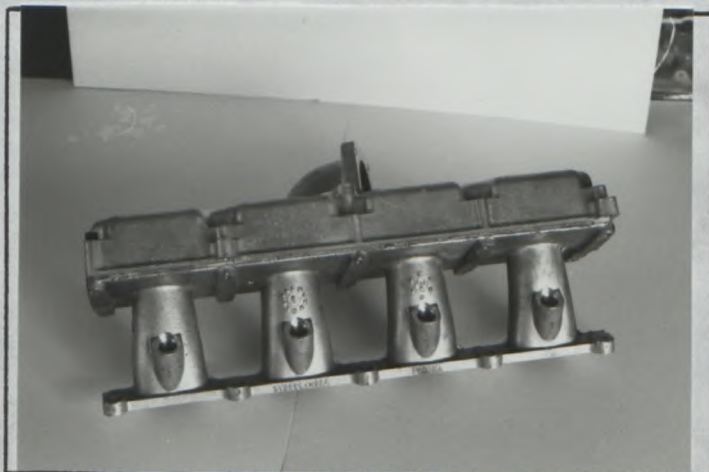
Homologation No

Marque FORD Modèle ESCORT RS COSWORTH
Make _____ Model _____

A-5466

325. Arbre à cames : a) Nombre 2 b) Emplacement OHC
Camshaft : Number Location
- c) Système d'entraînement NOTCHED BELT d) Nombre de paliers par arbre 5
Drive system Number of bearings per shaft
- f) Système de commande de soupapes DIRECT VIA BUCKET TAPPETS (HYDRAULIC)
Type of valve operation
326. Admission : a) Matériau du collecteur ALUMINIUM ALLOY
Intake : Material of manifold
- b) Nombre d'éléments du collecteur 2 c) Nombre de soupapes par cylindre 2
Number of manifold elements Number of valves per cylinder
- d) Diamètre maximum de soupape 35.25 mm e) Diamètre de tige de soupape dans guide 7.0 +0/-0.2 mm
Maximum diameter of the valve Diameter of the valve stem in guide (See Page 20)
- f) Longueur de soupape 105.7 +/- 1.5 mm g) Type des ressorts de soupape Helical
Valve length Type of valve springs
- Echappement : a) Matériau du collecteur CAST IRON/NICKEL ALLOY
Exhaust : Material of manifold
- b) Nombre d'éléments du collecteur 1 c) Dimensions intérieures de sortie collecteur See Page 20 mm
Number of manifold elements Internal dimensions of manifold exit
- d) Nombre de soupapes par cylindre 2 e) Diamètre maximum de soupape 31.25 mm
Number of valves per cylinder Maximum diameter of the valve
- f) Diamètre de tige de soupape dans guide 8 +0/-0.2 mm g) Longueur de soupape 105.5 +/- 1.5 mm
Diameter of the valve stem in guide (See Page 20) Valve length
- h) Type des ressorts de soupape Helical
Type of valve springs

I) Collecteur d'admission
Intake manifold



J) Collecteur d'échappement
Exhaust manifold



Marque
Make

FORD

Modèle
Model

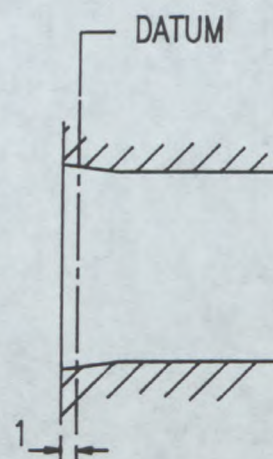
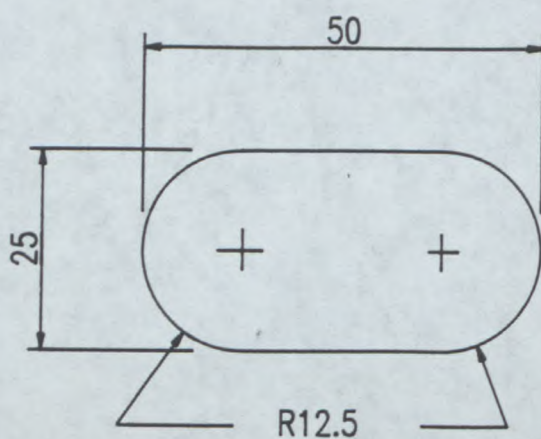
ESCORT RS COSWORTH

Homologation No

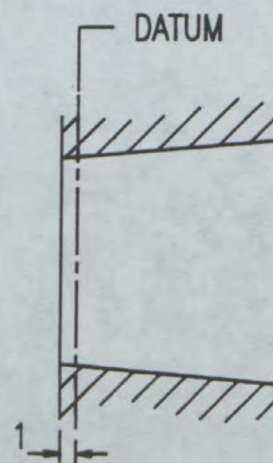
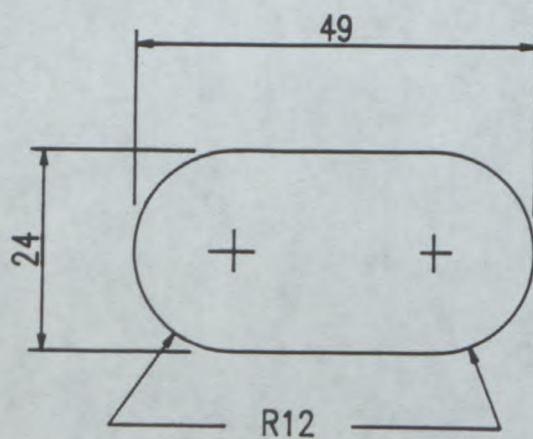
A-5466

Dessins des orifices du moteur - tolérances sur les dimensions : -2%, +4%
Drawings of engine ports - tolerances on dimensions : -2%, +4%

I) Culasse, face collecteur / Cylinderhead, manifold side



II) Collecteur, côté culasse / Manifold, cylinderhead side



Marque
Make

FORD

Modèle
Model

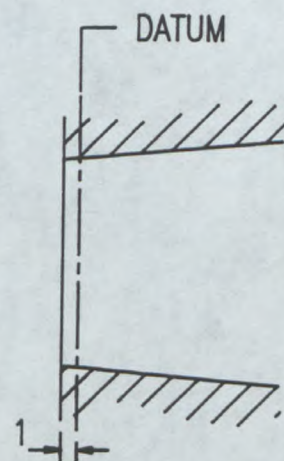
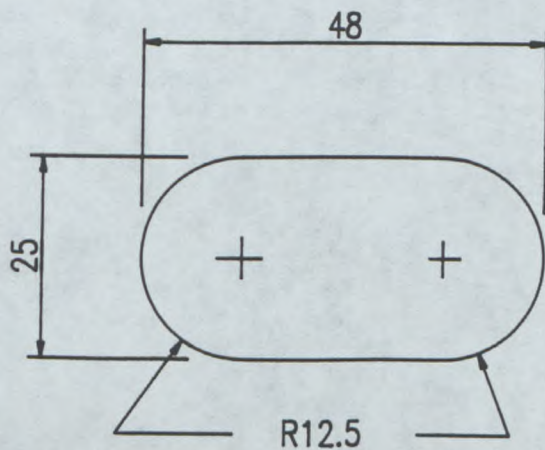
ESCORT RS COSWORTH

Homologation N°

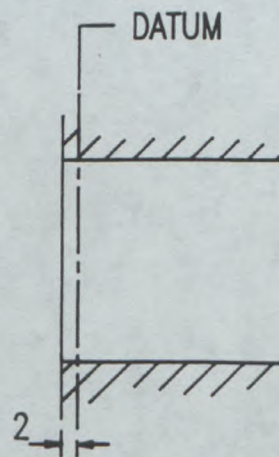
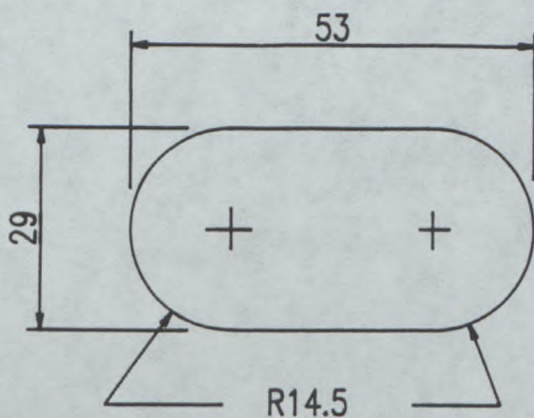
A-5466

Dessins des orifices du moteur - tolérances sur les dimensions : -2%, +4%
Drawings of engine ports - tolerances on dimensions : -2%, +4%

III) Culasse, face collecteur / Cylinderhead, manifold side



IV) Collecteur, côté culasse / Manifold, cylinderhead side



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

330. Système d'allumage :
Ignition system :

b) Nombre de bougies par cylindre
Number of plugs per cylinder

1

c) Nombre de distributeurs
Number of distributors

1

333. Système de lubrification :
Lubrication system :

a) Type
Type

WET SUMP

b) Nombre de pompes à huile
Number of oil pumps

1



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

4. CIRCUIT DE CARBURANT / FUEL CIRCUIT

401. Réservoir : a) Nombre 1
Fuel tank : Number
b) Emplacement BEHIND REAR AXLE
Location
c) Matériau SYNTHETIC MATERIAL
Material

5. EQUIPEMENT ELECTRIQUE / ELECTRICAL EQUIPMENT

501. Batteries : a) Nombre 1 b) Tension 12 volts
Batteries : Number Tension

6. TRANSMISSION / POWER TRAIN

601. Roues motrices : avant

oui	non
yes	no

 arrière

oui	non
yes	no

Driven wheels : front rear
602. Embrayage : b) Système de commande MECHANICAL c) Nombre de disques 1
Clutch : Control system Number of plates
603. Boîte de vitesses : a) Emplacement BEHIND ENGINE
Gearbox : Location
b) Marque "manuelle" FORD c) Marque "automatique"
"Manual" make "Automatic" make
d) Type et emplacement de commande MECHANICAL; ON FLOOR
Type and location of control



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation N°

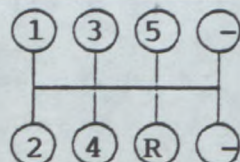
A-5466

e) Rapports
Ratios

	Manuelle Manual			
	nombre de dents number of teeth	rapport ratio	constant	synchro
1	41/15	3.608		X
2	41/26	2.081		X
3	32/31	1.363		X
4	DIRECT	1.000		X
5	27/43	0.828		X
6	—	—		
AR / R	37/15	3.256		X
Constante Constant	33/25	1.320		

f) Grille de
vitesses

Gear
change
gate



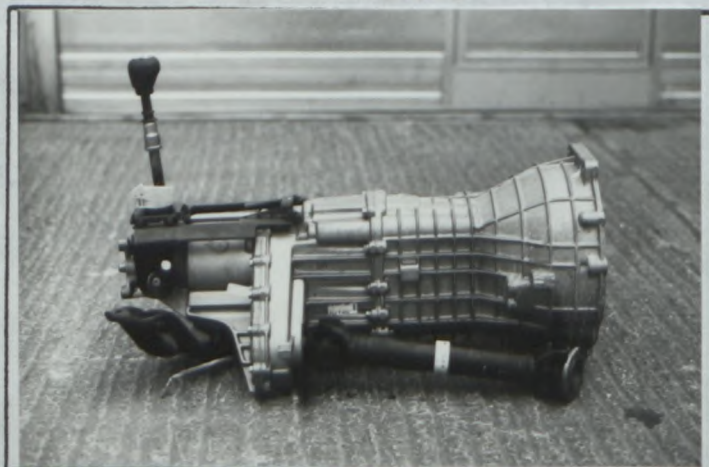
SYNCHRO OPTIONAL FOR GROUP A

	Automatique Automatic		
	nombre de dents number of teeth	rapport ratio	synchro
1			
2			
3			
4			
5			
AR/R			

g) Type de lubrification
Type of lubrication

WET SUMP

3) Carter de boîte de vitesses et cloche d'embrayage
Gearbox casing and clutch bell housing



Marque
Make

FORD

Modèle
Model ESCORT RS COSWORTH

A-5466

504. Boîte de transfert / différentiel central : a) Rapports
Transfer box / central differential : Ratios 1:1

b) Nombres de dents
Numbers of teeth 31:31

c) Système de commande de boîte de transfert
Control system of transfer box -

d) Type de différentiel central EPICYCLIC
Type of central differential

505. Couple final
Final drive

a) Type de couple final
Type of final drive

b) Rapport
Ratio

c) Nombre de dents
Number of teeth

e) Type de lubrification
Type of lubrication

Avant / Front	Arrière / Rear
BEVEL PINION	HYPOLID
3.615	3.615
47:13	47:13
WET SUMP	WET SUMP

506. Arbres :
Shafts :

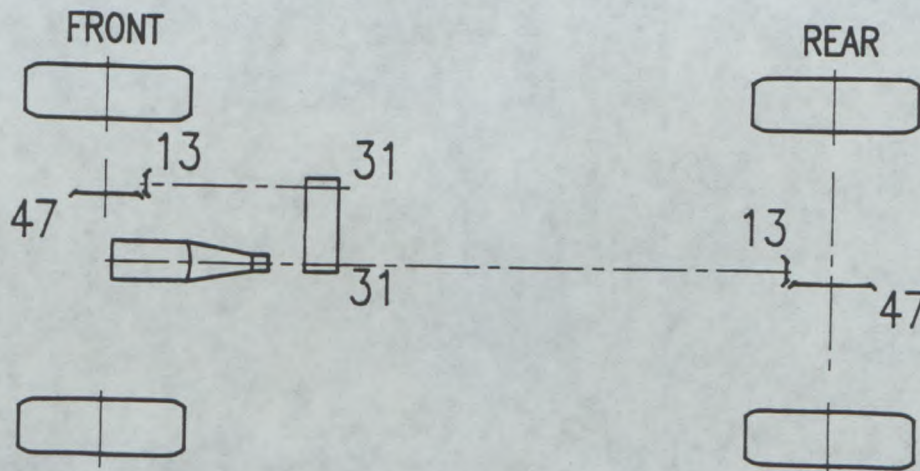
a) Type des arbres longitudinaux
Type of longitudinal shafts UNIVERSAL

b) Matériau des arbres longitudinaux
Material of longitudinal shafts STEEL

c) Type des demi-arbres transversaux
Type of transversal half-shafts C V JOINTS

d) Matériau des demi-arbres transversaux
Material of transversal half-shafts STEEL

XII) CHAÎNE CINÉMATIQUE (4 roues motrices) / KINEMATIC TRAIN (4 wheel drive) :



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

7. SUSPENSION / SUSPENSION

701. Généralités General

Avant / Front	Arrière / Rear
MacPHERSON	TRAILING ARM
oui yes non no	oui yes non no
oui yes non no	oui yes non no
oui yes non no	oui yes non no

a) Type de suspension Type of suspension

702. Ressorts hélicoïdaux Helicoïdal springs

703. Ressorts à lames Leaf springs

704. Barres de torsion Torsion bars

705. Autre type de suspension : Other type of suspension :

Voir description sur fiche additionnelle
See description on additional form

707. Amortisseurs : Shock absorbers :

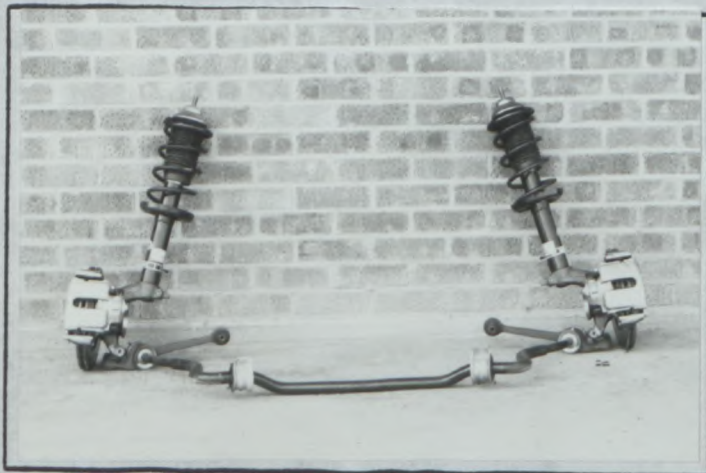
Avant / Front	Arrière / Rear
1	1
TELESCOPIC	TELESCOPIC
HYDRAULIC	HYDRAULIC

a) Nombre par roue Number per wheel

b) Type Type

c) Principe de fonctionnement Principle of operation

T) Train avant complet déposé Complete dismantled front axle



U) Train arrière complet déposé Complete dismantled rear axle



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

A-5466

8. TRAIN ROULANT / RUNNING GEAR

801. Roues :
Wheels :

Avant / Front	Arrière / Rear
16 . / 406 mm	16 . / 406 mm

SEE ALSO PAGE 20

803. Freins :
Brakes :a) Système de freinage
Braking system

HYDRAULIC, ABS

b) Nombre de maître-cylindres
Number of master cylinders

1 TANDEM

b1) Alésages
Bores

23.8

mm

23.8

mm

c) Servo-frein
Servo-brakes

oui

yes

NON

XX

c1) Marque et type
Make and type

FORD/TEVES/BENDIX/GIRLING

d) Régulateur de freinage
Braking regulator

oui

yes

NON

XX

d1) Emplacement
Location

PART OF VALVE ASSY IN ENGINE BAY

e) Nombre de cylindres par roue
Number of cylinders per wheel

1

e1) Alésage
Bore

60

mm

f) Freins à tambours :
Drum brakes :f1) Diamètre intérieur
Internal diameter

+/- 1.5 mm

f2) Nombre de garnitures par roue
Number of linings per wheelf3) Longueur développée des
garnitures
Developed length of linings

+/- 1.5 mm

f4) Largeur des garnitures
Width of the linings

+/- 1 mm

g) Freins à disques :
Disc brakes :g1) Nombre de plaquettes par roue
Number of pads per wheel

2

g2) Nombre d'étriers par roue
Number of calipers per wheel

1

g3) Matériau des étriers
Caliper material

CAST IRON ALLOY

g4) Épaisseur du disque neuf
Thickness of new disc

24.0

+/- 1 mm

g5) Diamètre extérieur du disque
External diameter of the disc

278.0

+/- 1.5 mm

g6) Diamètre extérieur de
frottement des plaquettes
External diameter of pads'
rubbing surface

276.0

+/- 1.5 mm

Arrière / Rear

1

42.8

mm

+/- 1.5 mm

+/- 1.5 mm

+/- 1 mm

2

1

CAST IRON ALLOY

20

+/- 1 mm

273.0

+/- 1.5 mm

270.0

+/- 1.5 mm



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

A-5466

g7) Diamètre intérieur de frottement des plaquettes
Internal diameter of pads' rubbing surface

170 +/- 1.5 mm

g8) Longueur hors-tout des plaquettes
Overall length of the pads

110 +/- 1.5 mm

g9) Disques ventilés
Ventilated discsoui ~~non~~
yes ~~no~~

Arrière / Rear

197 +/- 1.5 mm

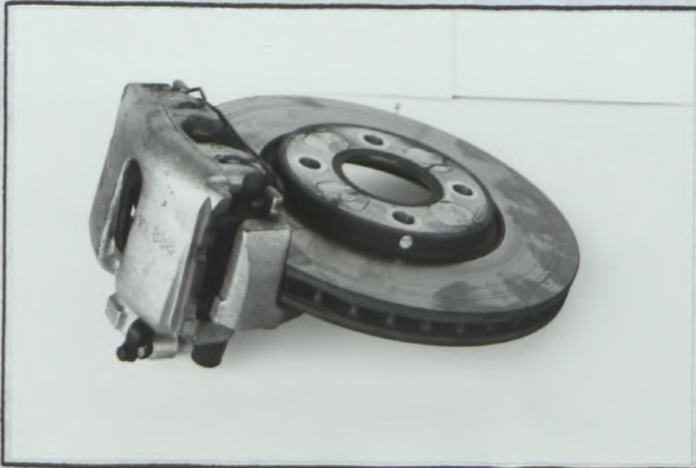
88 +/- 1.5 mm

oui ~~non~~
yes ~~no~~h) Frein de stationnement :
Parking brake :h1) Système de commande
Control system

CABLE

h2) Emplacement de commande
Location of lever

ON CENTRAL GEAR BOX COVER

h3) Effet sur roues
On which wheelsAvant
~~Front~~Arrière
RearV) Frein avant
Front brakeW) Frein arrière
Rear brake804. Direction :
Steering :a) Type
Type

RACK & PINION

b) Servo-assistance
Power assistedoui ~~non~~
yes ~~no~~Type
Type

HYDRAULIC

Arrière / Rear

-

oui non
yes no

Marque
Make

FORD

Modèle
Model

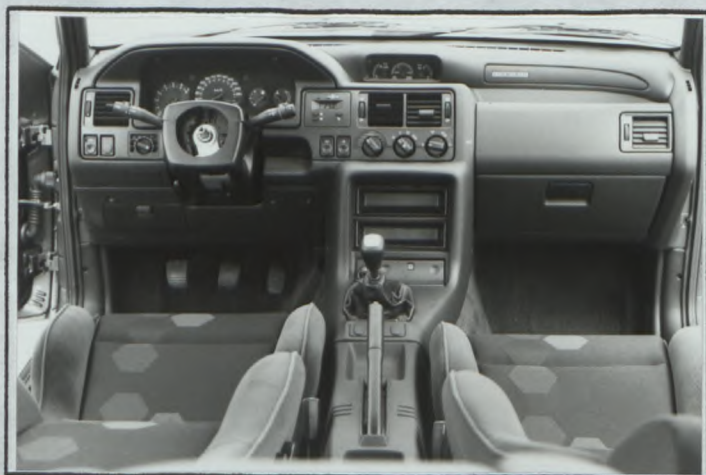
ESCORT RS COSWORTH

A-5466

9. CARROSSERIE / BODYWORK

901. Intérieur :
Interior :a) Ventilation
Ventilationoui ☒
yes ☒b) Chauffage
Heatingoui ☒
yes ☒f) Toit ouvrant optionnel
Optional sun roofoui ☒
yes ☒f1) Type SLIDE AND LIFT
Typef2) Système de commande ROTATING HANDLE
Control systemg) Système d'ouverture des vitres latérales
Opening system for side windows

Avant / Front	Arrière / Rear
ROTATING HANDLE	—

X) Tableau de bord
DashboardY) Toit ouvrant
Sunroof

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

902. Extérieur :
Exterior :

a) Nombre de portes
Number of doors

2

b) Hayon
Tailgate

oui
yes

Xen
XX

c) Matériau des portières
Door material

Avant / Front	Arrière / Rear
STEEL SHEET	-

d) Matériau du capot avant
Front bonnet material

STEEL SHEET & PLASTIC

e) Matériau du capot arrière / hayon
Rear bonnet / tailgate material

STEEL SHEET &

MOULDINGS

PLASTIC MOULDINGS

f) Matériau de la carrosserie
Bodywork material

STEEL SHEET & PLASTIC MOULDINGS

h) Matériau de lunette arrière
Rear window material

GLASS

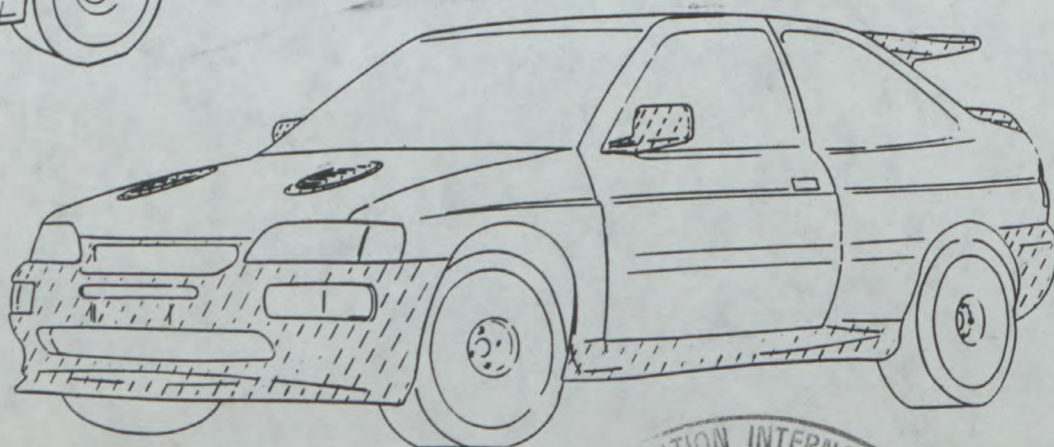
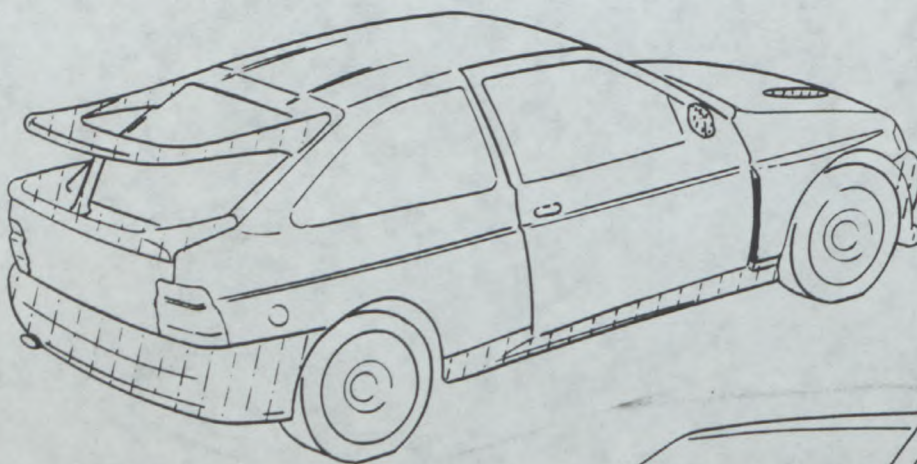
i) Matériau des glaces de custode
Rear quarter window material

k) Matériau des vitres latérales
Side window material

Avant / Front	Arrière / Rear
GLASS	GLASS
POLYURETHANE	POLYURETHANE

l) Matériau du pare-choc
Material of bumper

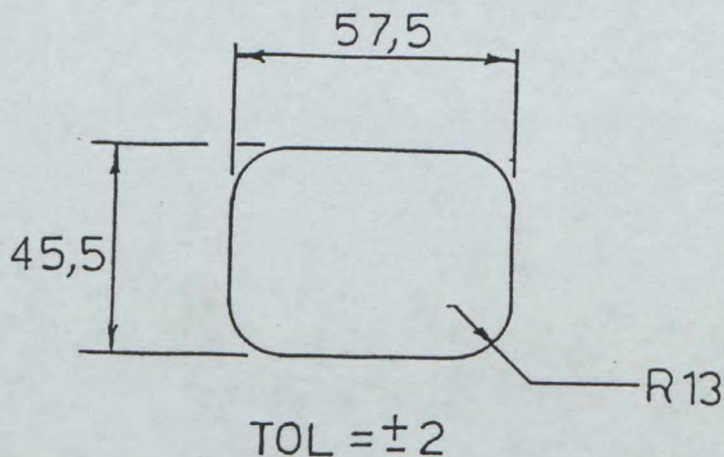
XIII) PARTIES DE CARROSSERIE SYNTHÉTIQUES / SYNTHETIC PARTS OF THE BODY :



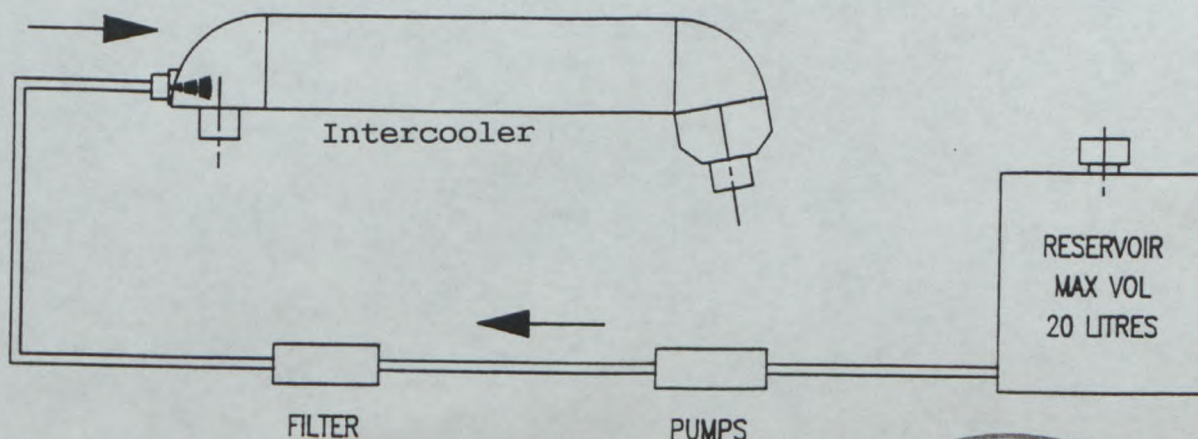
INFORMATIONS COMPLEMENTAIRES / COMPLEMENTARY INFORMATION :

- 313 Repair sleeve only. 313c dry liner
- 319f Production reclaim may require main journal diameter to be 0.25, 0.5 or 0.75mm smaller than quoted. The customer having no choice.
- 327e; 328f Production reclaim may require valve guides to be 0.1 or 0.5mm oversize with consequent increase in valve stem diameter - the customer has no choice.

PHOTO J Dimension of exhaust manifold outlet (Photo J)



WATER INJECTION SYSTEM



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

A-5466

INFORMATIONS COMPLEMENTAIRES / COMPLEMENTARY INFORMATION :

The car is sold with an adjustable front lower spoiler -
See photo's below.

Car overall length is given with spoiler in extended position.



Retracted Spoiler



Extended Spoiler



FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation N°

A - 5466Groupe **A/B**
Group

Marque

FORD

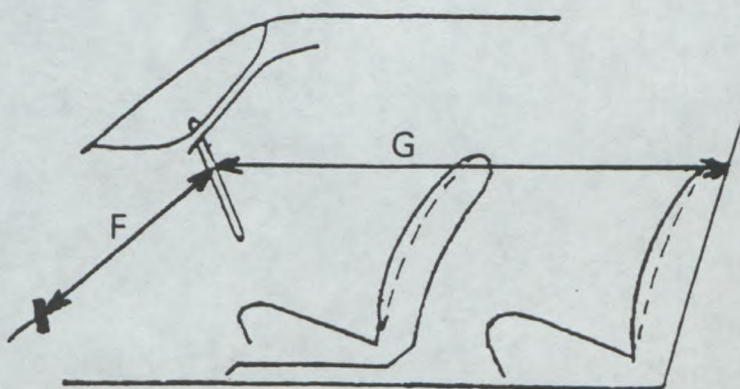
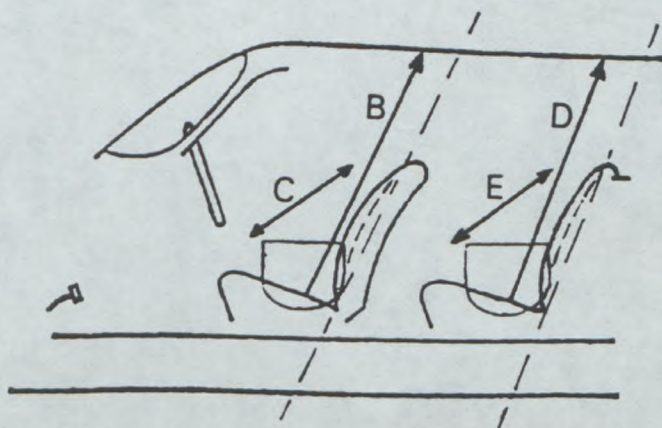
Modèle

ESCORT RS COSWORTH

Make

Model

Dimensions intérieures comme définies par le Règlement d'Homologation
Interior dimensions as defined by the Homologation Regulations.



B (Hauteur sur sièges avant) (Height above front seats)	1040	mm
C (Largeur aux sièges avant) (Width at front seats)	1410	mm
D (Hauteur sur sièges arrière) (Height above rear seats)	950	mm
E (Largeur aux sièges arrière) (Width at rear seats)	1430	mm
F (Volant — Pédale de frein) (Steering wheel — brake pedal)	630	mm
G (Volant — paroi de séparation arrière) (Steering wheel — rear bulkhead)	1590	mm
H = F+G =	2220	mm





FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation No

A - 5466

Groupe
Group **A/B**

FICHE D'HOMOLOGATION ADDITIONNELLE POUR MOTEURS SURALIMENTES PAR TURBOCOMPRESSEUR(S) ADDITIONAL HOMOLOGATION FORM FOR TURBO CHARGED ENGINES

Véhicule: Constructeur FORD Modèle et type ESCORT RS COSWORTH
Vehicle: Manufactureur _____ Model and type _____

Homologation valable à partir du 1 JANUARY 1993
Homologation valid as from _____

334. Suralimentation Turbocharging

a) Marque et type du turbocompresseur GARRETT. T35
Make and type of the turbocharger _____

b) Carter de turbine :
Turbine housing :

b1) Nombre d'entrées des gaz d'échappement 1
Number of exhaust gas entries _____

b2) Matériau High Temp Nickle/Iron Alloy
Material _____

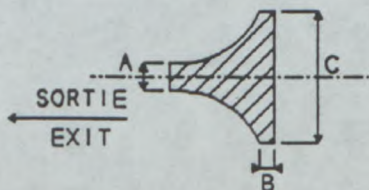
c) Roue de turbine :
Turbine wheel :

c1) Matériau NICKEL BASED SUPER ALLOY
Material _____

c2) Nombre d'aubes 11 c3) Hauteur(s) des aubes 16.6 +/- 0.5 mm
Number of blades _____ Height(s) of blades _____

c4) Cotes A, B, C, selon le schéma suivant
Dimensions A, B, C, according to the following sketch

A = 48.8 +/- 0.4 mm
B = 11.8 +/- 0.5 mm
C = 58.9 +/- 0.3 mm



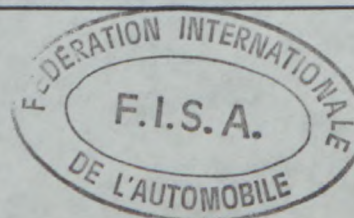
c5) Aubes variables
Variable blades

XXX	non
XXX	no

d) Carter de compression :
Impeller housing :

d1) Nombre d'entrées d'air (mélange) 1
Number of air entries (gas) _____

d2) Matériau ALUMINIUM ALLOY
Material _____



Marque FORD
Make

Modèle ESCORT RS COSWORTH
Model

A - 5466

e) Roue de compression :
Impeller wheel :

e1) Matériau LIGHT ALLOY
Material

e2) Nombre d'aubes 14
Number of blades

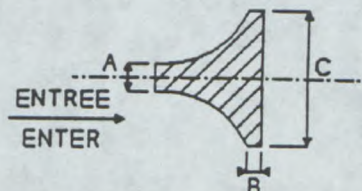
e3) Hauteur(s) des aubes 16.8 +/- 0.5 mm
Height(s) of blades

e4) Cotes A, B, C, selon le schéma suivant
Dimensions A, B, C, according to the following sketch

A = 49.05 +/- 0.4 mm

B = 5.3 +/- 0.5 mm

C = 69.1 +/- 0.3 mm



e5) Aubes variables
Variable blades

☒ OUI	non
☒ NON	no

f) Régulation de la pression :
Pressure regulation :

f1) Type de régulation de la pression:
Type of pressure adjustment:

☒ by-pass
bypass

☐ soupape de décharge
relief valve

☐ autre cas
other case

f2) Type de la soupape ELECTRONIC CONTROL OF MECHANICAL FLAP VALVE
Type of the valve

g) Système d'échappement :
Exhaust system :

g1) Dimensions intérieures de(s) éventuel(s) tuyau(x)
d'échappement entre collecteur d'échappement et
turbocompresseur
Internal dimensions of the possible exhaust pipe(s)
between exhaust manifold and turbocharger

h) Refroidissement de l'air d'admission :
Cooling of intake air :

h1)

oui	☒ non
yes	☒ no

h2) Système ☒ air/air
System

☒ air/eau
air/water

☐ simple-passe
single-flow

☐ double-passe
double-flow

h3) Diamètre de l'entrée d'air 55 ± 2 mm
Air inlet diameter

h4) Diamètre de la sortie d'air 55 ± 2 mm
Air outlet diameter



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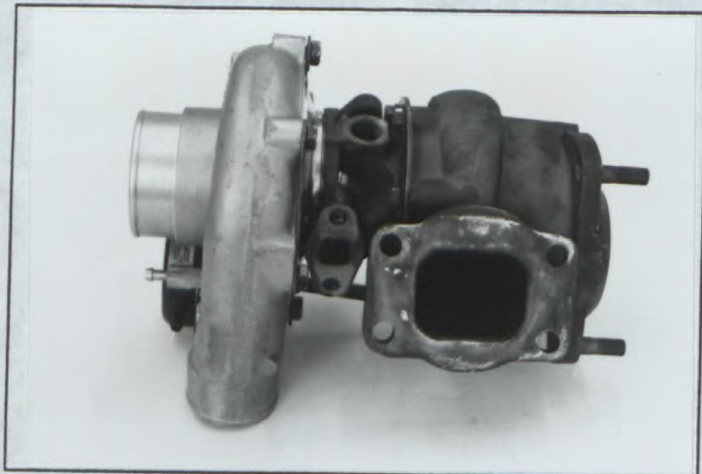
Modèle
Model

ESCORT RS COSWORTH

A-5466

PHOTOS

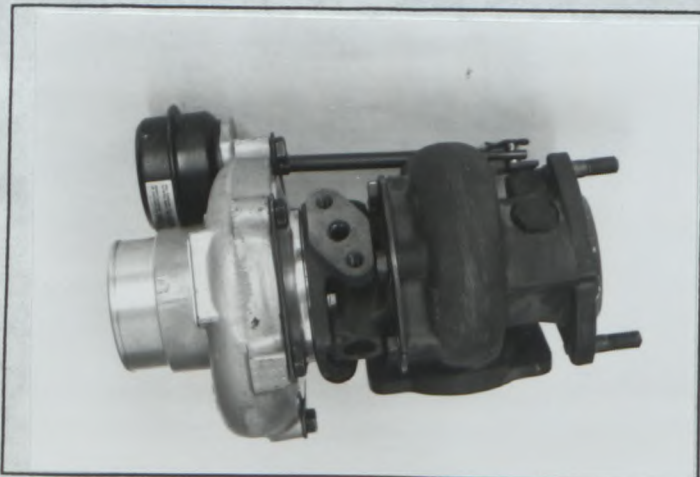
K) Vue de dessus du turbocompresseur
Plan view of turbocharger



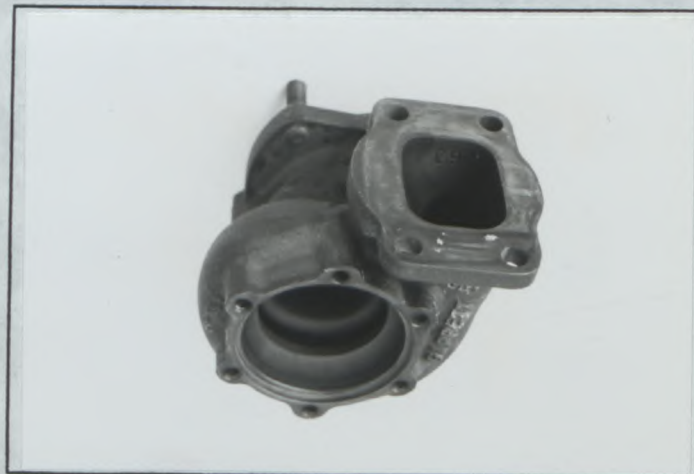
L) Vue de face du turbocompresseur
Front view of turbocharger



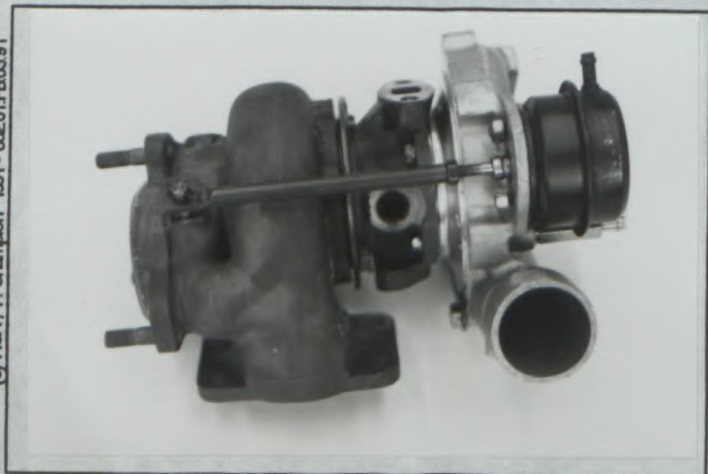
M) Vue de côté du turbocompresseur
Side view of turbocharger



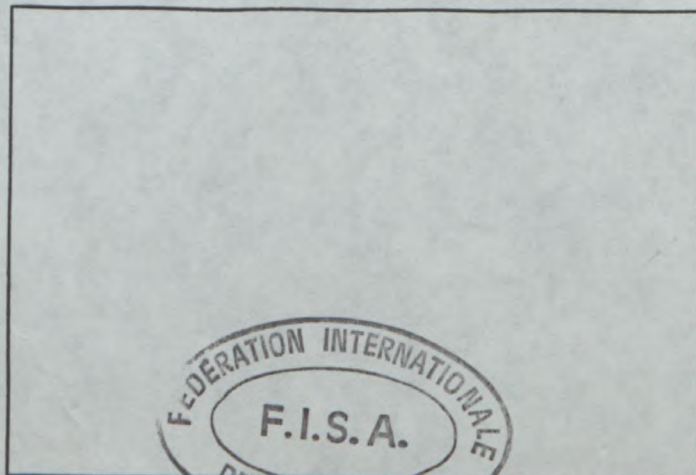
N) Carter de turbine du turbocompresseur
Turbine housing of turbocharger



O) Soupape et montage du by-pass du turbocompresseur
Valve and by-pass installation of turbocharger



P) Système d'échappement entre collecteur et turbocompresseur
Exhaust system between manifold and turbocharger



Marque
Make

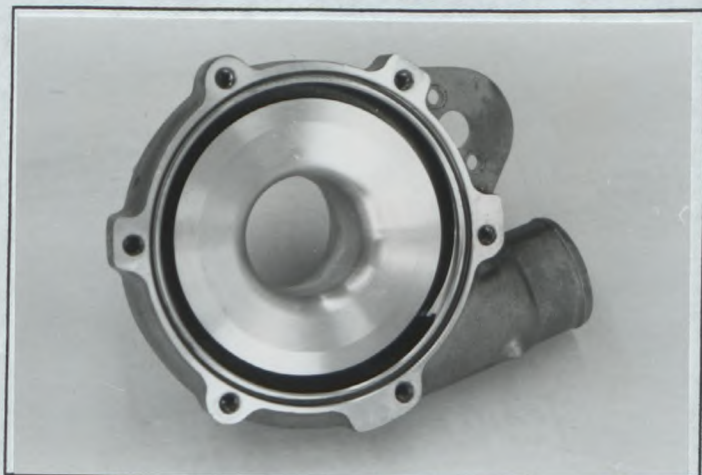
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Modèle
Model

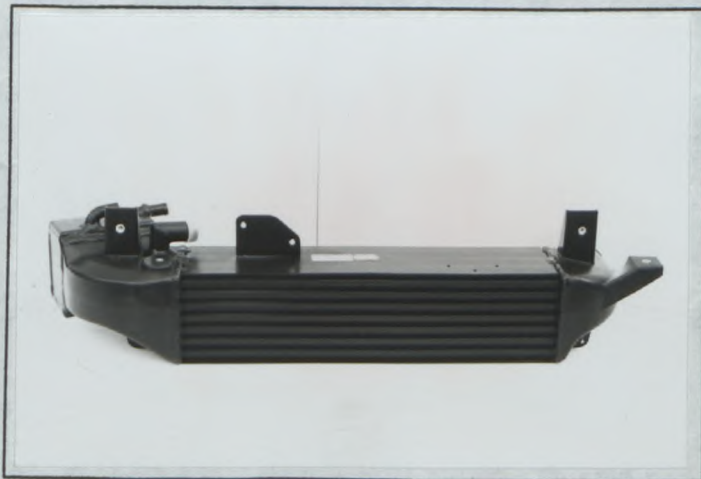
ESCORT RS COSWORTH

A-5466

Q) Carter de compresseur du turbocompresseur
Compressor housing of turbocharger



R) Echangeur intermédiaire déposé
Intercooler dismantled



Z) Echangeur intermédiaire monté
Intercooler mounted



Marque
Make

FORD

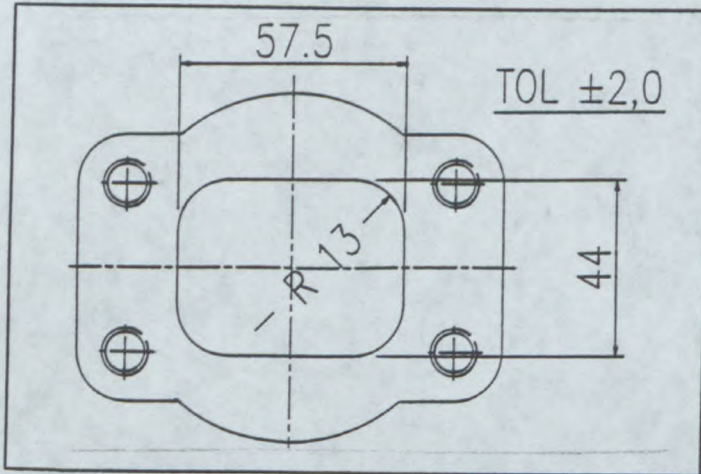
Modèle
Model

ESCORT RS COSWORTH

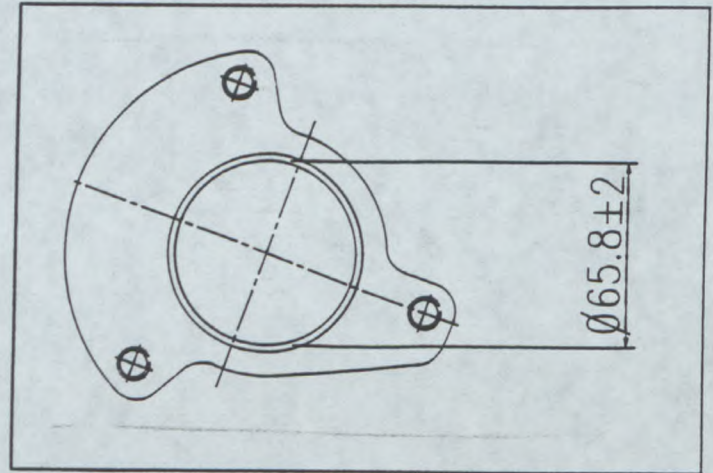
A-5466

DESSINS / DRAWINGS

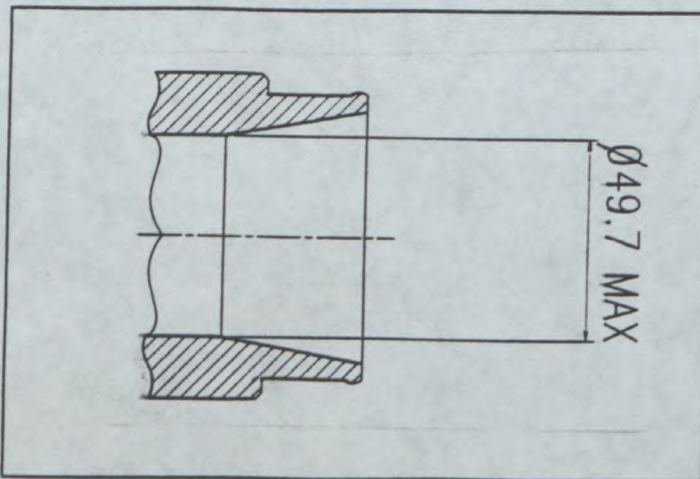
- V) Entrée des gaz d'échappement dans turbine de compresseur
Exhaust gas inlet to the compressor turbine



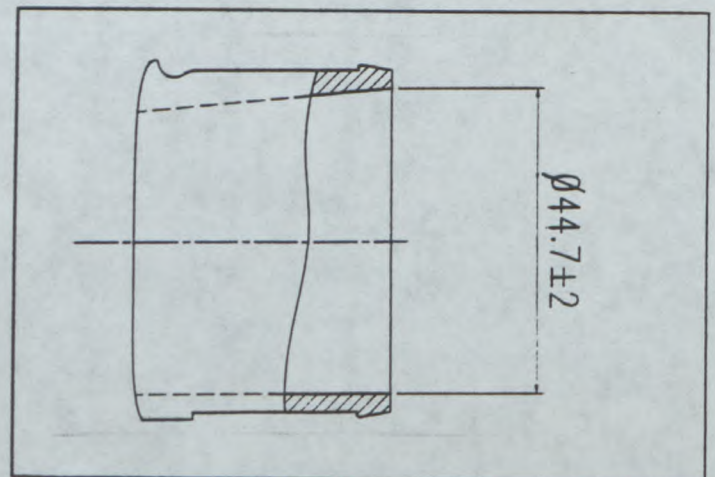
- VI) Sortie des gaz d'échappement de turbine de compresseur
Exhaust gas outlet from the compressor turbine



- VII) Entrée d'air (mélange) dans carter de compresseur
Air (gas) inlet to the compressor housing



- VIII) Sortie d'air (mélange) du carter de compresseur
Air (gas) outlet from the compressor housing



Marque
Make

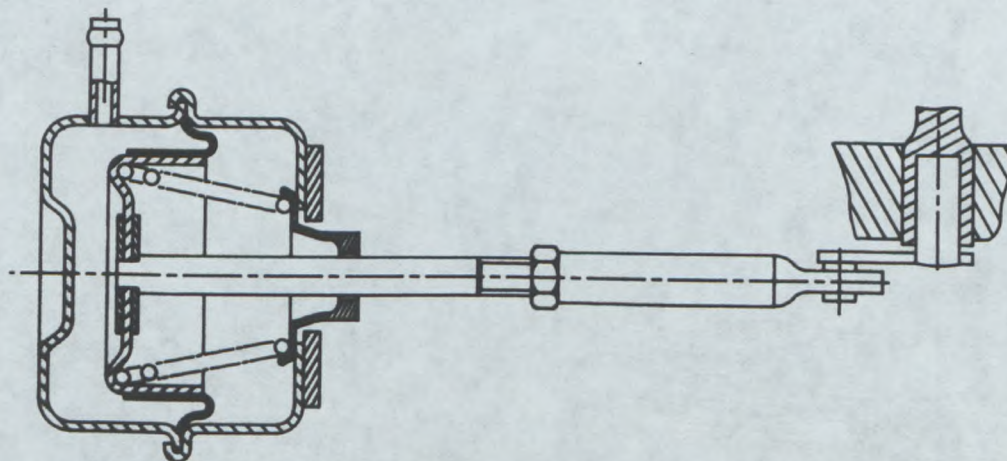
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Modèle
Model

ESCORT RS COSWORTH

A-5466

- (X) Dispositif réglant la pression de suralimentation
Device regulating the turbocharging pressure



Pression standard 0.55 ± 0.1 bar
Standard pressure

Procédure de contrôle de la pression
Procedure for checking the pressure

With the pressure above applied to the waste gate capsule, the waste gate valve will lift 0.1 mm off its seat.



FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A - 5 4 6 6

Groupe
Group

A/B/N/T1

Extension No

0 1 / 0 1 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type
- ☐ ET Evolution normale du type / Normal evolution of the type
- ☐ VF Variante de fourniture / Supply variant
- ☒ VO Variante option / Option variant
- ☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JANUARY 1993

Page ou Ext. Page or Ext.	Art Art	Description Description
3	304	Heat shield support tube for turbocharger unit Photo 93 - 03
12	603	Revised aperture in chassis for gear change linkage when using the heavy duty transmission. Photo 93 - 04
13	603	Additional Gearbox, incorporating new case, bell housing, gears, change linkage, remote oil tank (reservoir) for pressure lubrication, and concentric clutch release. Gear case is Aluminium alloy Type MS 92/1 Photo 93 - 05 Alternative supplier of gear case, cosmetic changes only Photo 93 - 151



Marque

Make

FORD

Modele

Model

ESCORT R S COSWORTH

No Homol

A - 5 4 6 6

No Ext.

0 1 / 0 1 V0

Page ou Ext.
Page or Ext.Art
ArtDescription
Description

13

603e

Ratio's

Set 1

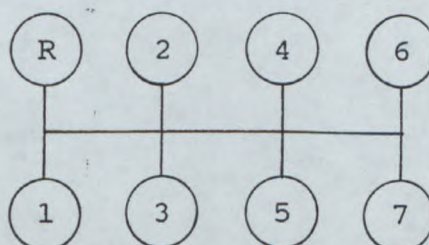
Gear	Ratio	Teeth
1	2.071	14/29
2	1.529	17/26
3	1.263	19/24
4	1.047	21/22
5	0.895	19/17
6	0.760	25/19
7	0.653	26/17
Rev	2.143	14/30
Const	-	

Set 2

Gear	Ratio	Teeth
1	2.071	14/29
2	1.529	17/26
3	1.200	20/24
4	0.955	22/21
5	0.792	24/19
6	0.654	26/17
7	0.536	28/15
Rev	2.143	14/30
Const	-	

Synchronesh is optional for both gearboxes

Gear change pattern for MS92/1 Gearbox



12

602

Alternative Clutch release by oscillating lever,
hydraulic or cable actuation Photo 93 - 06

12

603

Gear change assembly type MS 91/1 Photo 93 - 07

12

603

Remote oil tank for optional gearbox
type RAT1 (Max. oil volume, 1.0 L) Photo 93 - 08
type RAT2 (Max. oil volume, 1.0 L) Photo 93 - 09

Marque FORD Modele ESCORT R S COSWORTH
 Make FORD Model ESCORT R S COSWORTH

No Homol A - 5466

No Ext. 01/01V0

Page ou Ext. Page or Ext.	Art Art	Description Description
15	701	Alternative front suspension crossmember, attached to main chassis in same position as standard unit. Suspension pick up points within 20mm of production car. Parts may be cast or fabricated in steel or light alloy type RAS1 Photo 93 - 10 type RGS1 Photo 93 - 11 type RAS2 Photo 93 - 12 type RGS2 Photo 93 - 13
15	701	Alternative rear suspension crossmember, attached to main chassis in same position as standard unit. Suspension pick up points within 20mm of production car. type RAS3 Photo 93 - 14 type RGS3 Photo 93 - 15 type RAS4 Photo 93 - 16 type RGS4 Photo 93 - 17 type RGS Photo 93 - 152
14	605	Alternative (increased capacity) heavy duty rear axle assembly, -mounts to chassis in same position as standard unit. Incorporates new case in aluminium alloy, gears, shafts, bearings and differential components Photo 93 - 18
14	605	Alternative (increased capacity) heavy duty rear axle assembly, -mounts to chassis in same position as standard unit. Incorporates new case in magnesium alloy, gears, shafts, bearings and differential components Photo 93 - 18
14	605	Rear differential supports Photo 93 - 19 Photo 93 - 20
14	605	Alternative (increased capacity) heavy duty front axle assembly, -mounts to car in same position as standard unit. Incorporates new case in aluminium alloy, gears, shafts, bearings and differential components type 7.5/1 Photo 93 - 21 type 7.5/2 Photo 93 - 22 type 8.5/1 Photo 93 - 23



Marque FORD Modele ESCORT R S COSWORTH
 Make FORD Model ESCORT R S COSWORTH

No Homol A-5466

No Ext. 01/01V0

Page ou Ext. Page or Ext.	Art Art	Description Description
14	605	Alternative (increased capacity) heavy duty front axle assembly, -mounts to car in same position as standard unit. Incorporates new case in magnesium alloys, gears, shafts, bearings and differential components type 7.5/1 Photo 93 - 21 type 7.5/2 Photo 93 - 22 type 8.5/1 Photo 93 - 23
14	605	Final drive reduction gear (built into gearbox) Ratio Teeth Ratio Teeth Ratio Teeth 1.263 24/19 1.389 25/18 1.529 26/17 1.600 24/15 1.643 23/14 1.688 27/16
14	605	Alternative final drive ratio's (heavy duty rear axle assembly) 9" unit Ratio 4.63: 4.43: 4.11: 3.82 : 3.64 : 3.42 : 3.25 Teeth 37/8: 31/7: 37/9: 42/11: 40/11: 41/12: 39/12
14	605	Alternative final drive ratios (heavy duty front axle assembly) 8½" unit Ratio 4.63: 4.43: 4.11: 3.82 : 3.64 : 3.42 : 3.25 Teeth 37/8: 31/7: 37/9: 42/11: 40/11: 41/12: 39/12
14	605	Alternative final drive ratios (heavy duty front axle assembly) 7½" unit Ratio 4.63: 4.43: 4.11: 3.82 : 3.64 : 3.42 : 3.25 Teeth 37/8: 31/7: 37/9: 42/11: 40/11: 41/12: 39/12
14	605	Alternative final drive ratios (front axle assembly) Ratio 3.92 : 3.62 Teeth 47/12 : 47/13
14	605	Heavy duty front drive cross shaft with alternative flange and/or spline details Photo 93 - 24 Photo 93 - 25
14	606	Transmission shaft, 2 piece, length variable type RAT1 Photo 93 - 26



Marque FORD Modele ESCORT R S COSWORTH
 Make FORD Model ESCORT R S COSWORTH

A - 5466

No Homol

No Ext. 01/01V0

Page ou Ext. Page or Ext.	Art Art	Description Description
14	606	Transmission shaft, Front, 1 piece with sliding joint, shaft length variable to accomodate alternative axles type RAT2 Photo 93 - 27 type RAT3 Photo 93 - 28
14	606	Alternative rear cover and bearing support for transfer box Photo 93 - 29
14	606	Rear drive shaft assembly, shaft length variable to accomodate alternative suspension type RAT4 Photo 93 - 30 type RAT5 Photo 93 - 31
14	606	Front drive shaft assembly, shaft length variable to accomodate alternative suspension type RAT6 Photo 93 - 32 type RAT7 Photo 93 - 33
14	606	Alternative drive shaft joint Photo 93 - 34
15	701	Front upright casting (knuckle), front suspension, interchangeable as an assembly with standard components, incorporating high capacity bearings, axles and flanges. Caliper mounting boss variable depending on disc size used type RAS5 Photo 93 - 35 type RAS31 Photo 93 - 147
15	701	Front upright casting (knuckle), front suspension, as an assembly with 2 bolt strut mounting, In aluminium or Magnesium alloy. Unit may also be machined for radial mount calipers type RAS6 Photo 93 - 36 alternative bearings, type RAS32 Photo 93 - 146
15	701	Axle assembly for single nut wheel fixing in heavy duty front upright, with revised bearing pack. type CAS1 Photo 93 - 37



Marque FORD Modele ESCORT R S COSWORTH
 Make FORD Model ESCORT R S COSWORTH

No Homol. A - 5466

No Ext. 01/01V0

Page ou Ext. Page or Ext.	Art Art	Description Description
15	701	Spacer, Lower upright, thickness variable Photo 93 - 38
15	701	Track control arm, light alloy, to be used with heavy duty knuckle type RAS7 Photo 93 - 39 type RAS8 Photo 93 - 40 type RAS9 Photo 93 - 41
15	701	Compression strut for front suspension, replaces combined rollbar and link from standard car type RAS10 Photo 93 - 42 type RAS11 Photo 93 - 43 type RAS12 Photo 93 - 44
15	701	Bracket, Compression strut location to chassis, remains within 20mm of original pivot position, may be bolted and/or welded to chassis type RAS13 Photo 93 - 45 type RAS14 Photo 93 - 46
15	701	Anti roll bar, front, replaces standard unit Roll stiffness adjustable type RAS15 Photo 93 - 47 adjustable by driver type RAS16 Photo 93 - 48
15	701	Anti roll bar support bracket. Bolted and/or welded to the body type RAS17 Photo 93 - 49
15	701	Sump guard support with mounting for anti roll bar (Only to be used on Rallies) Lightweight Photo 93 - 50 Normal Photo 93 - 51 Heavy Duty Photo 93 - 52
15	701	Strut top mount type RAS18 Photo 93 - 53 type RAS19 Photo 93 - 54 with compliance, type RAS20 Photo 93 - 55 Strut top mount, pivot position remains within 20mm of production car position



Marque
Make FORD Modele
Model ESCORT R S COSWORTH

No Homol A - 5466

No Ext. 01/01V0

Page ou Ext. Page or Ext.	Art Art	Description Description
15	701	Strut body, increased capacity, body diameter dependant on usage. type RGS5 Photo 93 - 56 type RGS6 Photo 93 - 57 type RTS1 Photo 93 - 58 type RTS2 Photo 93 - 59
15	701	Steering arm, produces same ratio as standard type RAS21 Photo 93 - 60 type RAS22 Photo 93 - 61 type RAS23 Photo 93 - 62 type RAS24 Photo 93 - 63 type RAS25 Photo 93 - 64 type RAS26 Photo 93 - 149
15	701	Revised rear suspension assembly, complete with cast main arm and fabricated drag link. Incorporates large capacity bearings and drive shaft assembly type RAS27 Photo 93 - 65 type RGS6 Photo 93 - 66 type RGS7 Photo 93 - 67 type RTS3 Photo 93 - 68 type RTS4 Photo 93 - 69
15	701	Alternative drag link, fabricated Photo 93 - 70 Photo 93 - 71 Aluminium or Magnesium Alloy Photo 93 - 72 Photo 93 - 148
15	701	Alternative joints or joint housing for rear suspension arm Photo 93 - 73 Photo 93 - 74 Photo 93 - 75
15	701	Optional closing plate and/or skid shield for lower face of Cast rear suspension arm Photo 93 - 76
15	707	Rear anti roll bar, with provision for altering bar stiffness type RAS28 Photo 93 - 77 adjustable by driver type RAS29 Photo 93 - 78



Marque
Make

FORD

Modele
Model

ESCORT R S COSWORTH

No Homol A - 5 4 6 6

No Ext. 0 1 / 0 1 V 0

Page ou Ext. Page or Ext.	Art Art	Description Description
15	707	Mounting bracket for anti roll bar bolted and/or welded to the chassis, type RAC1 Photo 93 - 79
15	707	Rear suspension spring, concentric with shock absorber, Spring in standard position to be removed type RAS30 Photo 93 - 80
		Suspension travel limiters Front Photo 93 - 82 Rear Photo 93 - 83
16	801	Wheel spacer, from 3 to 10mm thick Photo 93 - 84
16	801	Alternative wheel mounting flange Photo 93 - 85
16	803	Alternative brake caliper (front and/or rear) Calipers identical except for internal machining, mounting boss position, and pad retention by clip or bolt Supplier: Ford / Brembo All units must incorporate Ford logo Photo 93 - 86 Photo 93 - 87
	803e	N° of cylinders 4
	803e1	Cylinder bore mm From 28mm to 52mm
	803g1	N° of pads 2
	803g2	N° of calipers 1
	803g3	Caliper material alloy
	803g8	Pad length $\pm$ 1.5mm From 85mm to 150mm (N.B. If these calipers are used on the axle with a hand brake, then a second hand brake caliper may be required)



Marque
Make

FORD

Modele
Model

ESCORT R S COSWORTH

No Homol. **A - 5 4 6 6**

No Ext. **0 1 / 0 1 V 0**

Page ou Ext. Page or Ext.	Art Art	Description Description
16	803	Alternative brake caliper (front and/or rear) Calipers identical except for internal machining, mounting boss position, and pad retention by clip or bolt Supplier: Ford/A.P.Racing Type 1 units must carry Ford logo type 1, 4 piston Photo 93 - 88 type 2, 4 piston Photo 93 - 89 type 1, 6 piston Photo 93 - 90 type 2, 4 piston Photo 93 - 91 type 1, 6 piston Photo 93 - 92
	803e	N° of cylinders 4 or 6
	803e1	Cylinder bore mm From 28mm to 52mm
	803g1	N° of pads 2
	803g2	N° of calipers 1
	803g3	Caliper material alloy
	803g8	Pad length ± 1.5 mm From 85mm to 150mm (N.B. If these calipers are used on the axle with a hand brake, then a second hand brake caliper may be required)
16	803	Brake disc (front and/or rear brakes) Discs may be plain, and/or grooved and/or cross drilled Suppliers, Ford; A P Racing; Brembo; All discs must carry Ford logo. 803g4 Disc thickness ± 1.0mm From 10mm to 36mm 803g5 Disc O.D. ± 1.5mm From 270mm to 380mm 803g6 Pad O.D. ± 1.5mm From 270mm to 380mm 803g7 Disc I.D. ± 1.5mm From 150mm to 300mm 803g9 Ventilated ? ? Yes The friction material on the pad may not use all the disc area available Examples of alternative groove pattern and cross drilling, Discs are handed for left and right hand side of car. Discs used may not conform exactly to examples shown. Photo 93 - 93 Photo 93 - 94 Photo 93 - 95 Photo 93 - 96
16	803	Brake caliper bell (disc to hub connector), thickness and offset variable. type RAB1 Photo 93 - 97 type RAB2 Photo 93 - 98 type RAB3 Photo 93 - 99 type RAB4 Photo 93 - 100 type RAB5 Photo 93 - 101 type RAB6 Photo 93 - 102 type RAB16 Photo 93 - 143



Marque
Make

FORD

Modele
Model

ESCORT R S COSWORTH

No Homol. A-5466

No Ext. 01/01VO

Page ou Ext. Page or Ext.	Art Art	Description Description
16	803	Caliper mounting brackets type RAB8 Photo 93 - 103 including variable length spacer type RAB9 Photo 93 - 104 type RAB10 Photo 93 - 105
16	803c	Brake servo: If the original (production) brake pedal box is replaced by a "variant option" brake pedal box, then the original power brake pump assembly is also removed to make room for the variant option pedal box
16	803	Alternative dual cylinder, brake pedal box with separate front and rear brake circuits, and adjustable brake bias (with possibility of adjustment from the cockpit) cylinder sizes variable from 12.5 to 25.5mm The fluid reservoirs may be integral, or remote depending on the car build (l.h.d or r.h.d. etc) Hydraulic cylinders supplied by Ford; Lucas Automotive; Automotive Products. Unit also has provision for mechanical clutch cable type RAB12 Photo 93 - 106
16	803	Example of brake master cylinders, and indicating one method of integral fluid reservoir installation Photo 93 - 107 Photo 93 - 108 Photo 93 - 109
16	803	Hydraulic brake pressure proportioning valve Mounted in cockpit, Supplier Ford / A P Racing Photo 93 - 110 Supplier Ford / A P Racing. Photo 93 - 142
16	801	Wheel scraper Photo 93 - 111
16	801	Dirt protection shield for brakes Photo 93 - 112



Marque
Make

FORD

Modele

Model

ESCORT R S COSWORTH

A - 5466

No Homol

No Ext.

01/01VO

Page ou Ext.
Page or Ext.

Art
Art

Description
Description

16

803

Hydraulic brake pressure proportioning valve
Mounted in cockpit,
Supplier Ford / A P Racing Photo 93 - 110
Supplier Ford / A P Racing. Photo 93 - 142

16

801

Wheel scraper Photo 93 - 111

16

801

Dirt protection shield for brakes Photo 93 - 112

17

803

Hydraulic handbrake lever assembly, complete with
mounting brackets. Cylinder size from 12.5 -
25.5mm Dia. Cylinders may be supplied by any of
the major brake manufactures
Cast type Photo 93 - 113.

17

803

Mechanical handbrake caliper, increases number of
calipers per wheel by one Photo 93 - 114

17

803

Brake cooling duct, area less than 78 sq. cms.
Flexible type RAB13 Photo 93 - 115
Non flexible type RAB14 Photo 93 - 116
type RAB15 Photo 93 - 117
type RAB16 photo 93 - 150

17

803

Water cooled brakes and /or shock absorbers
comprising pumps, filters, water jets, reed
switch, relay, sensors, and mini computer. plus
feed pipes and reservoir of 10 litres each max
capacity. Front wheel assy shown. Photo 93 - 118
Alternative pump Photo 93 - 119
Reservoirs for brake and shock absorber cooling
Photo 93 - 120
Photo 93 - 121

17

803

Revised housing for Engine ISS water container
Max. liquid volume = 10 Litres Photo 93 - 122



FORD

Modelle

Model

ESCORT R S COSWORTH

No Homol A-5466

No Ext. 01/01 VO

Page ou Ext. Page or Ext.	Art Art	Description Description
17	804	Alternative power steering pump, complete with mounting bracket type RZF1 Photo 93 - 125 type RZF2 Photo 93 - 126
17	804	Increased capacity power steering pump reservoir Capacity 0.7 L Photo 93 - 127
17	804	Alternative steering column type RAC2 Photo 93 - 128 type RAC3 Photo 93 - 129 Alternative steering shaft & joint Photo 93 - 130
18	901	Roof vent, complies with FISA dimensions 1 or 2 per car (For RALLY use ONLY) type RAC4 Photo 93 - 135
18	901	Seat support and lower seat belt anchorage points Drivers side Photo 93 - 137 Passengers side Photo 93 - 138



FEDERATION INTERNATIONALE
F.I.S.A.
DE L'AUTOMOBILE

Page 12



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-01

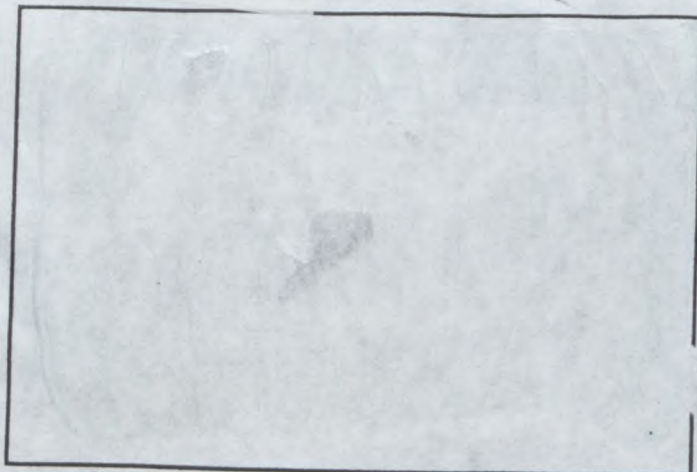


PHOTO No 93-02



PHOTO No 93-03

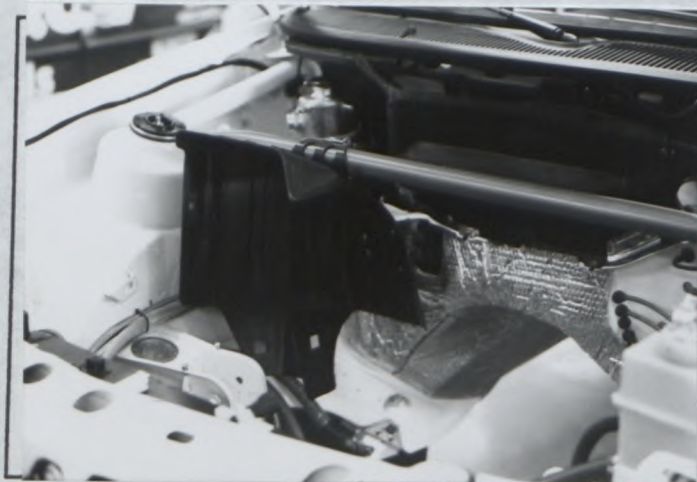


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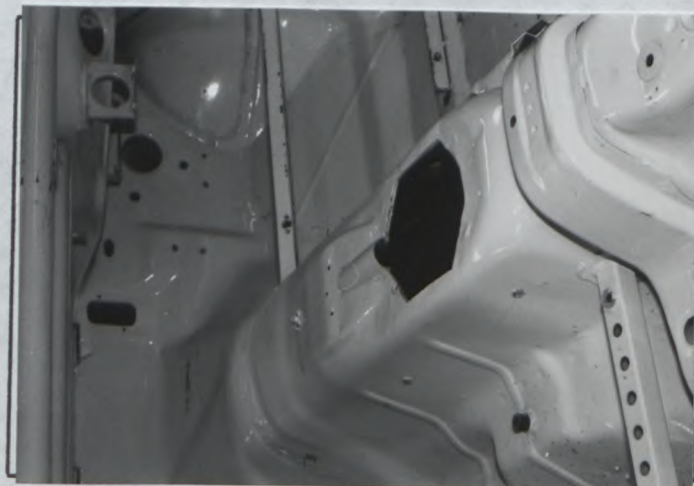


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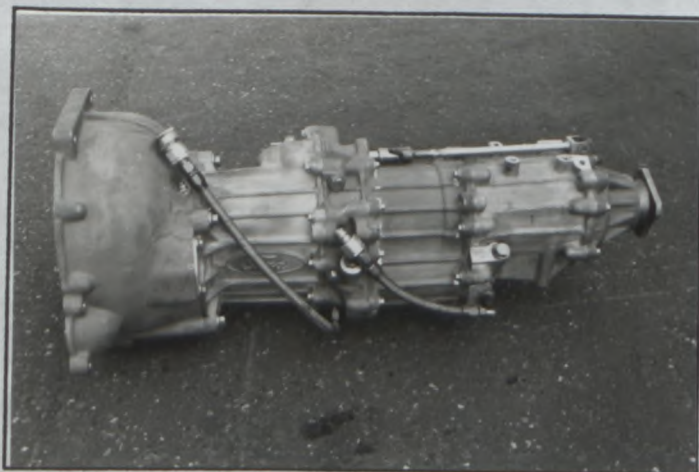


PHOTO No 93-06



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-07



PHOTO No 93-08



PHOTO No 93-09



PHOTO No 93-10

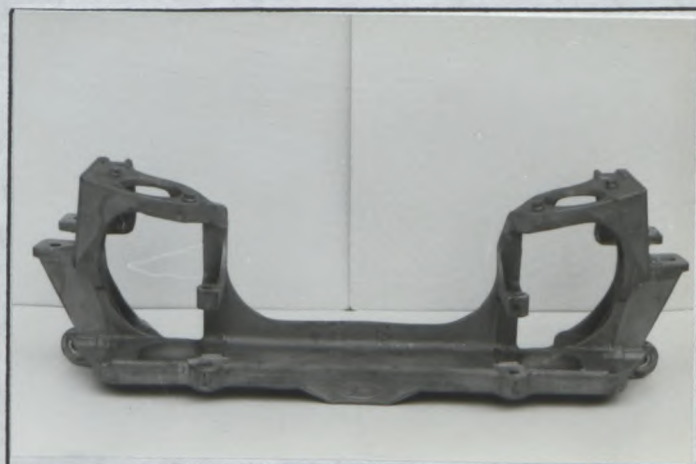
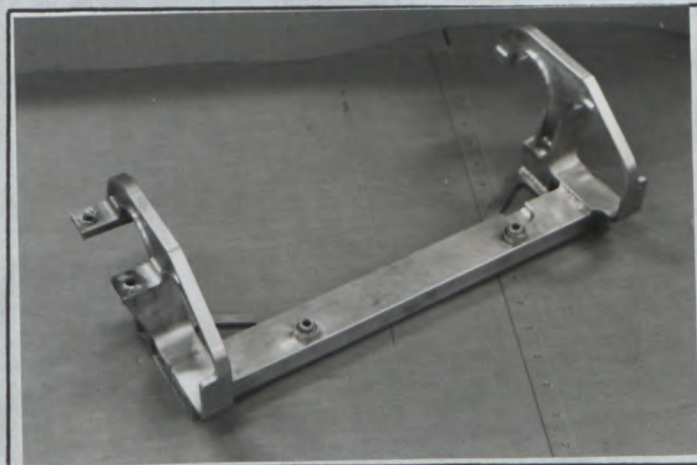


PHOTO No 93-11



PHOTO No 93-12



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-13

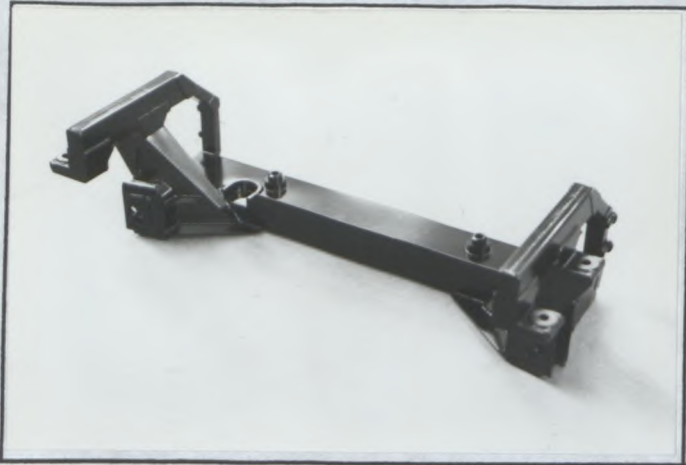


PHOTO No 93-14



PHOTO No 93-15

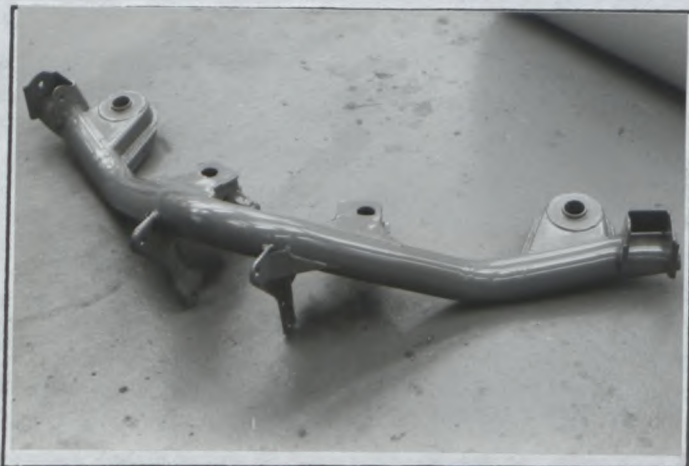


PHOTO No 93-16

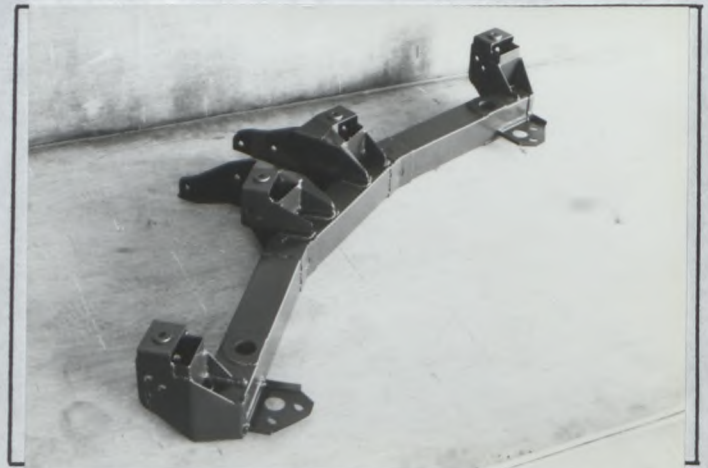


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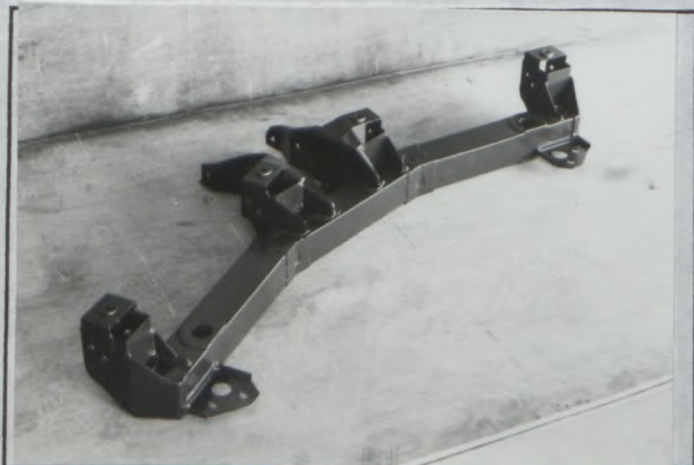


PHOTO No 93-18



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Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-19

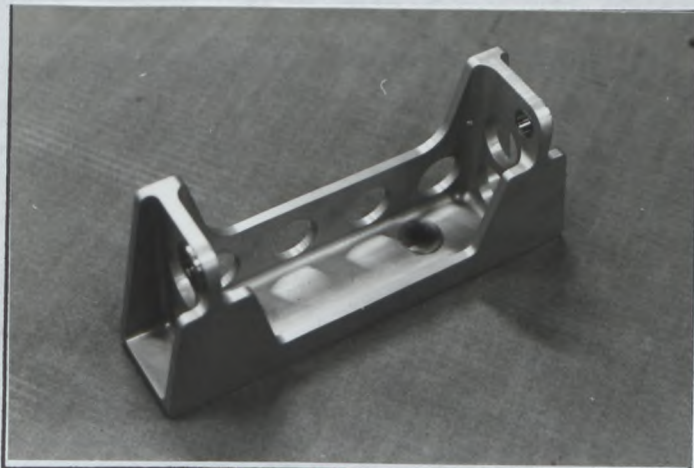


PHOTO No 93-20



PHOTO No 93-21

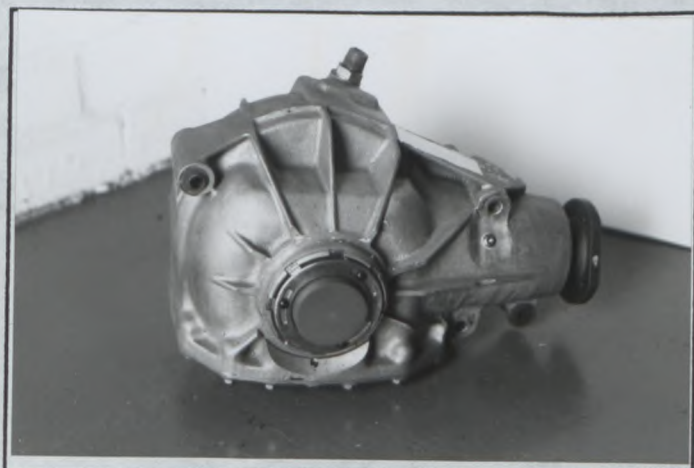


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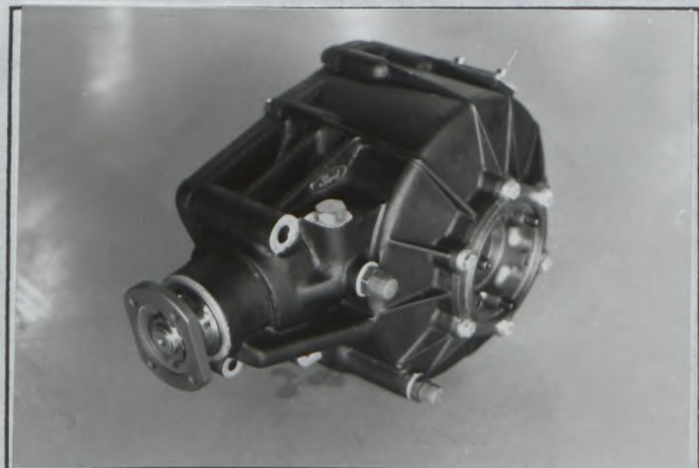


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Modèle
Model

ESCORT RS COSWORTH

Homologation No
A-5466

Extension No
01/01V0

PHOTO No 93-25



PHOTO No 93-26



PHOTO No 93-27



PHOTO No 93-28



PHOTO No 93-29

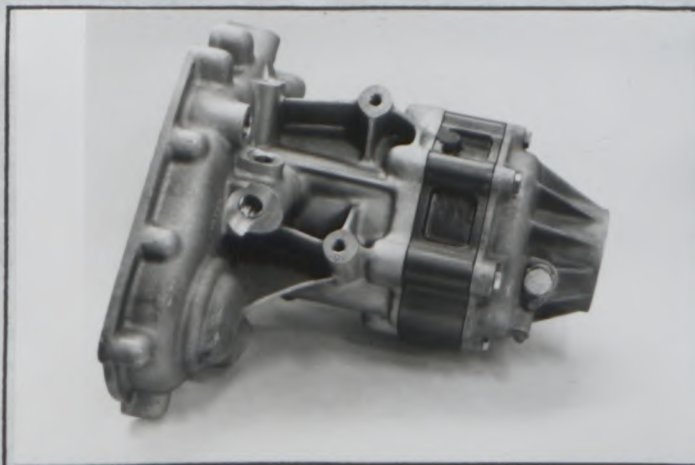


PHOTO No 93-30



Marque
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Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-31



PHOTO No 93-32

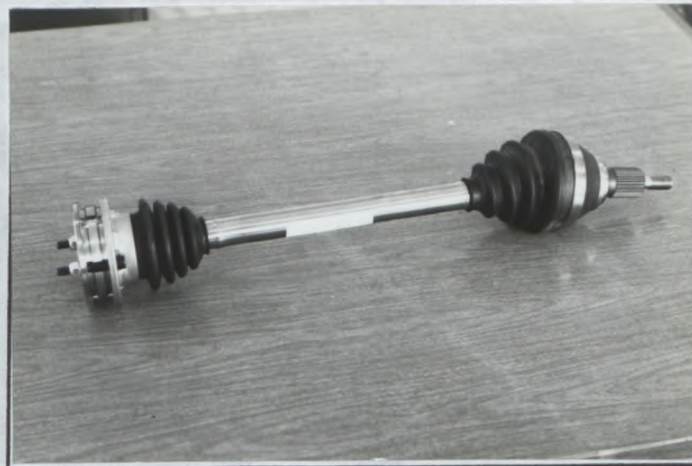


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PHOTO No 93-34

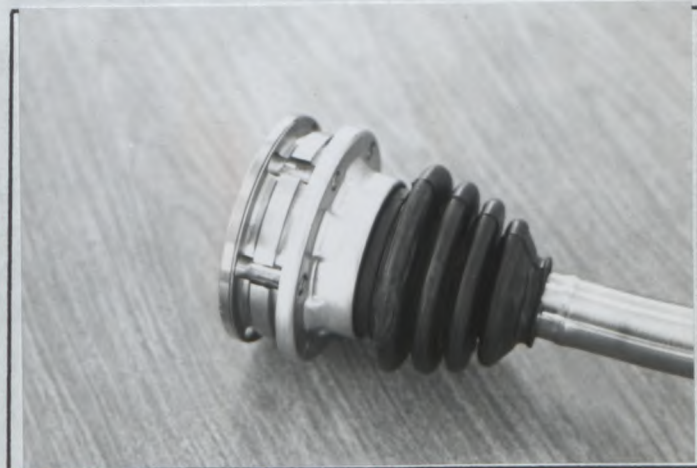
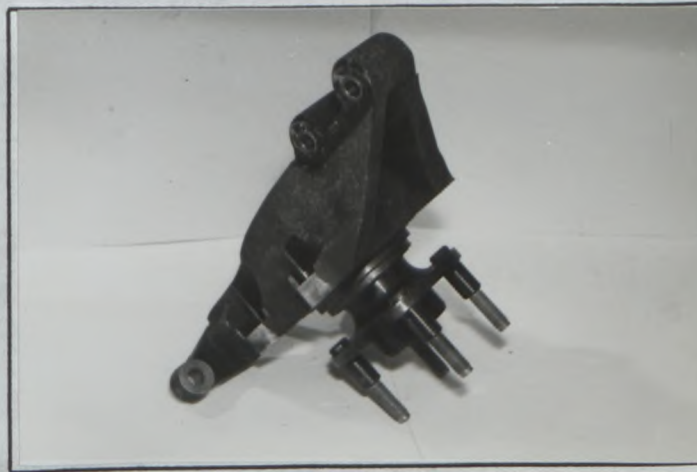


PHOTO No 93-35



PHOTO No 93-36



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Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-37

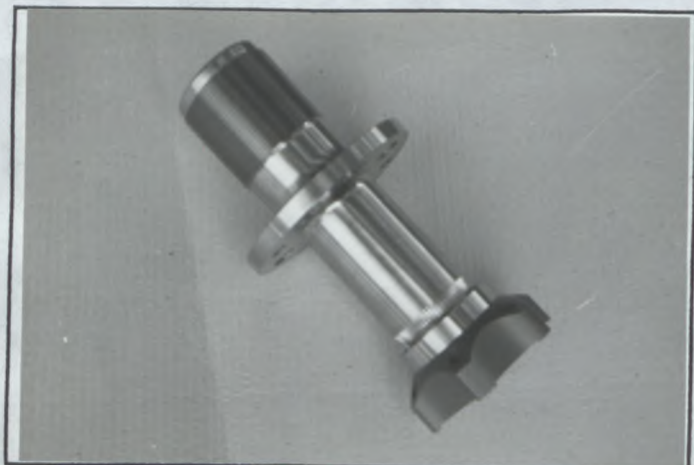


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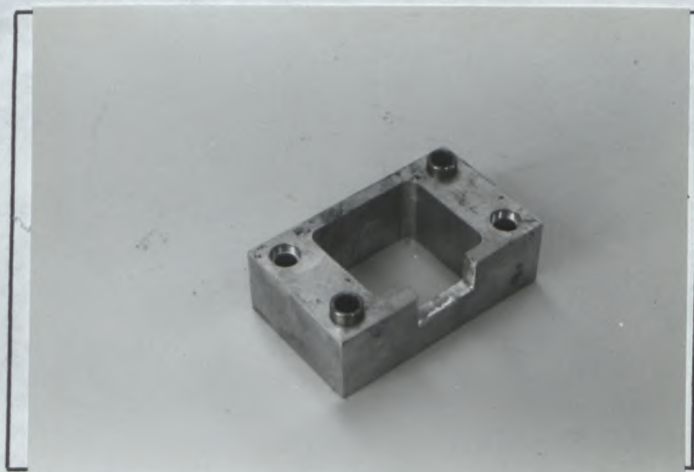


PHOTO No 93-39



PHOTO No 93-40



PHOTO No 93-41



PHOTO No 93-42



Marque
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FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-43



PHOTO No 93-44



PHOTO No 93-45



PHOTO No 93-46

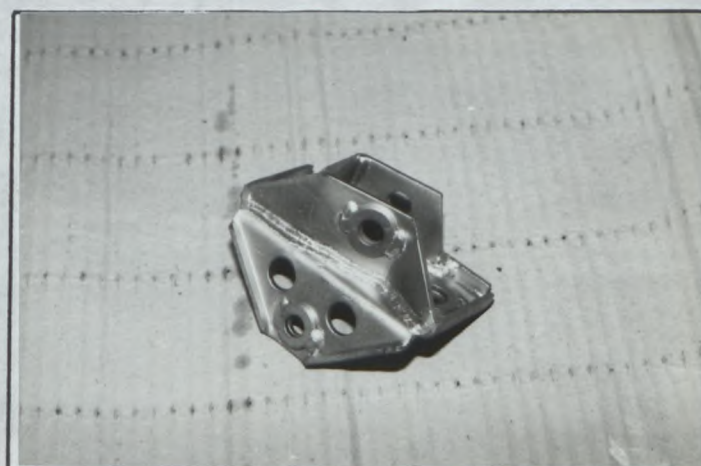
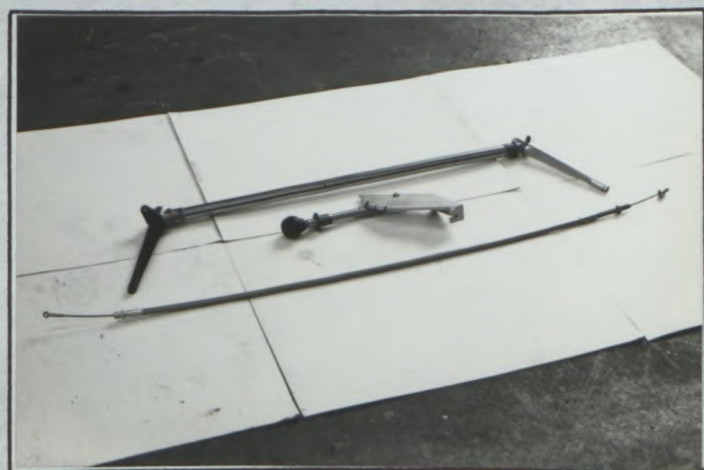


PHOTO No 93-47



PHOTO No 93-48



Marque
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FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-49



PHOTO No 93-50

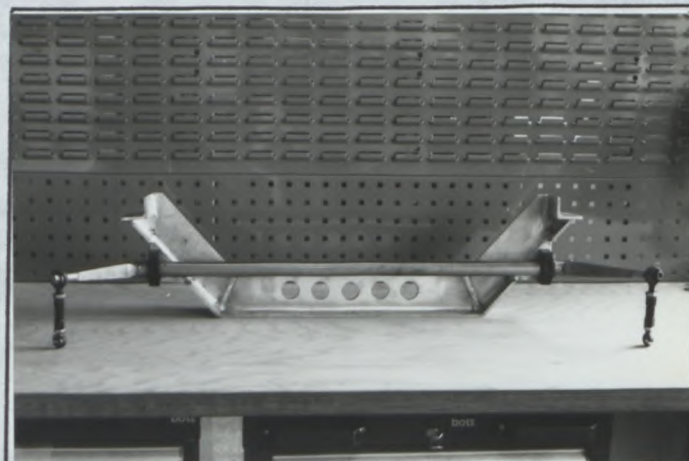


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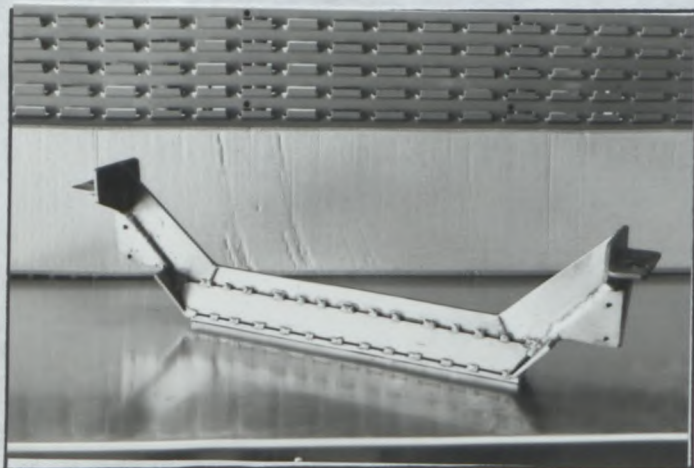


PHOTO No 93-52



PHOTO No 93-53



PHOTO No 93-54



Marque
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Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-55

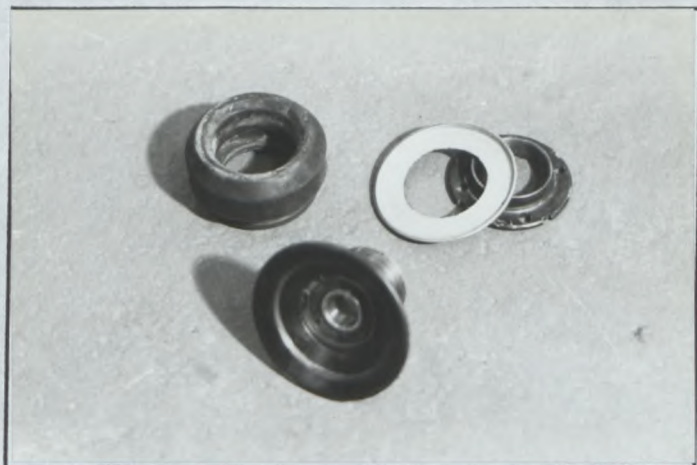


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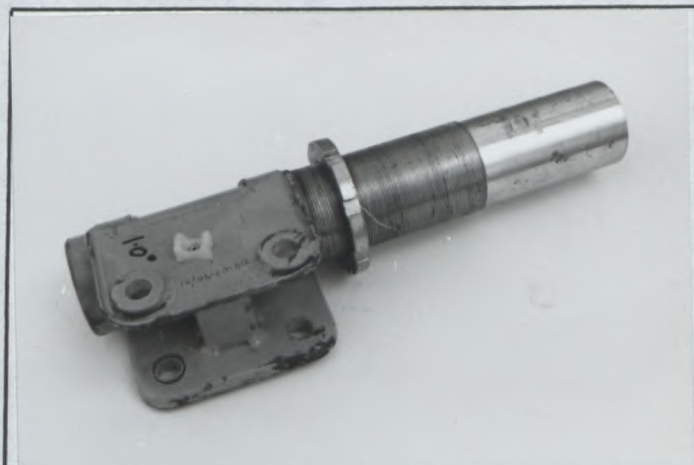


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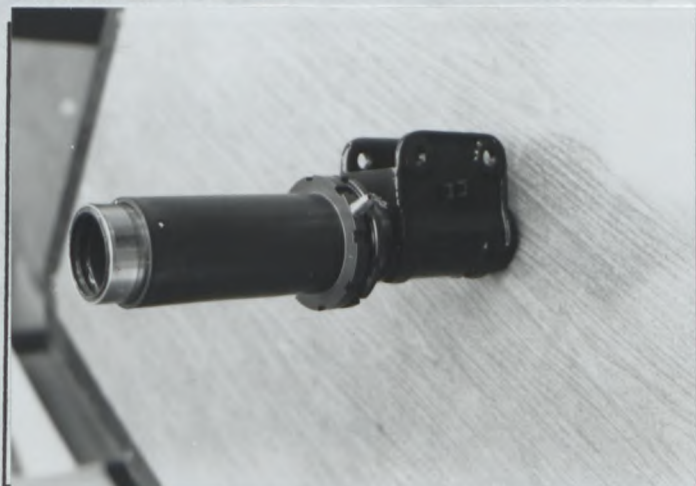


PHOTO No 93-58



PHOTO No 93-59



PHOTO No 93-60



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-73



PHOTO No 93-74



PHOTO No 93-75



PHOTO No 93-76

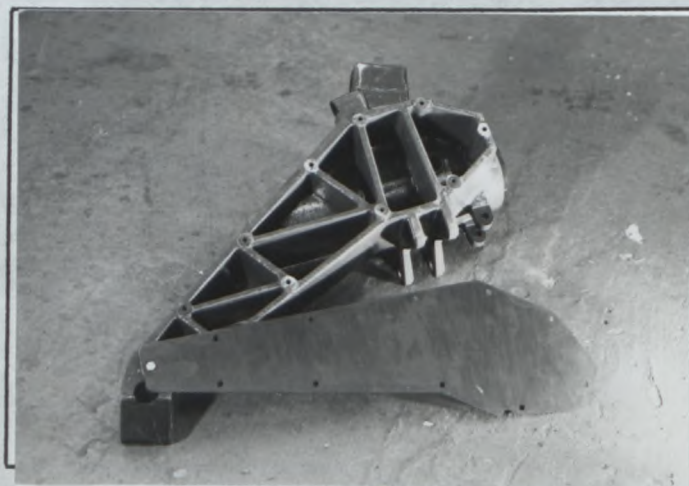


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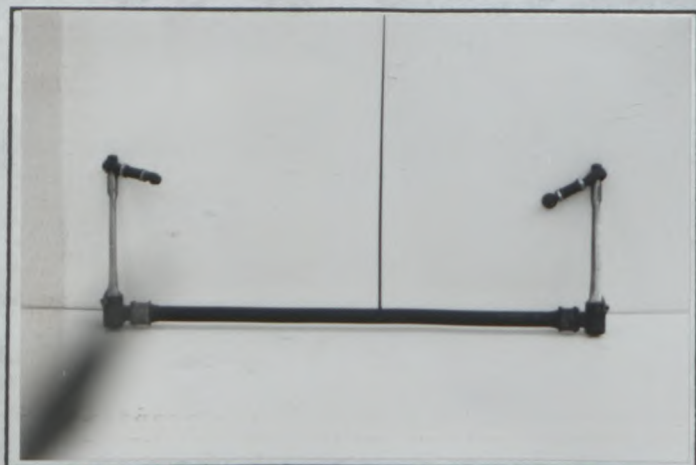
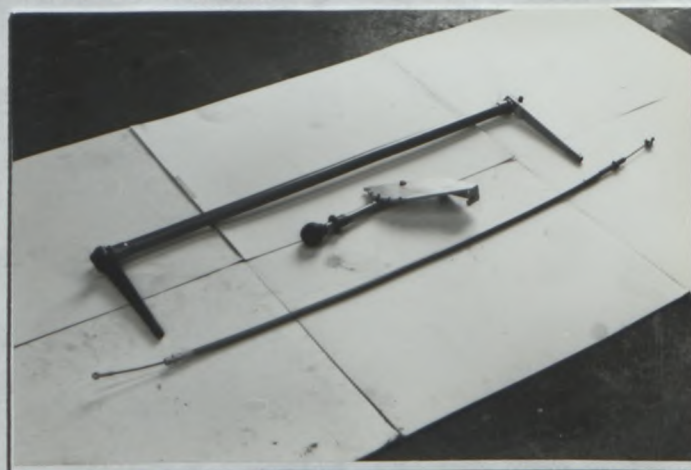


PHOTO No 93-78



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-61



PHOTO No 93-62



PHOTO No 93-63



PHOTO No 93-64



PHOTO No 93-65

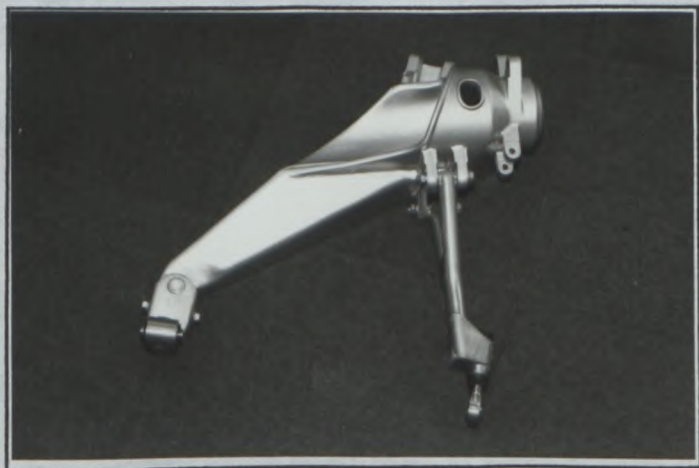
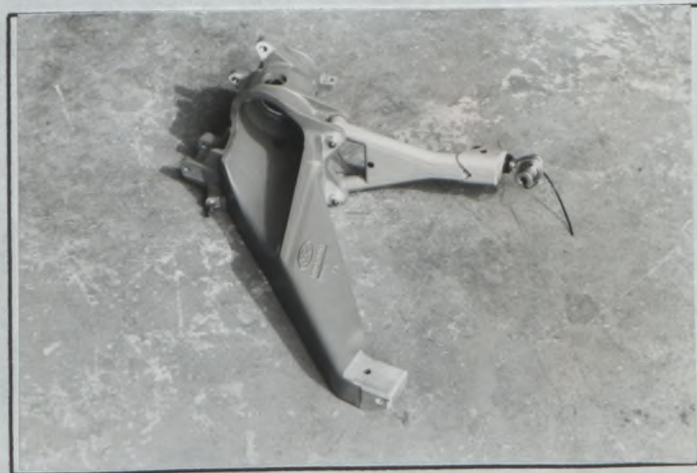


PHOTO No 93-66



Marque
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FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-67

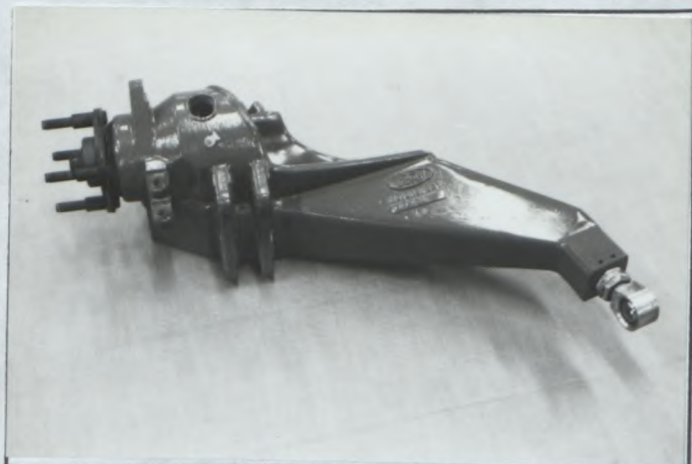


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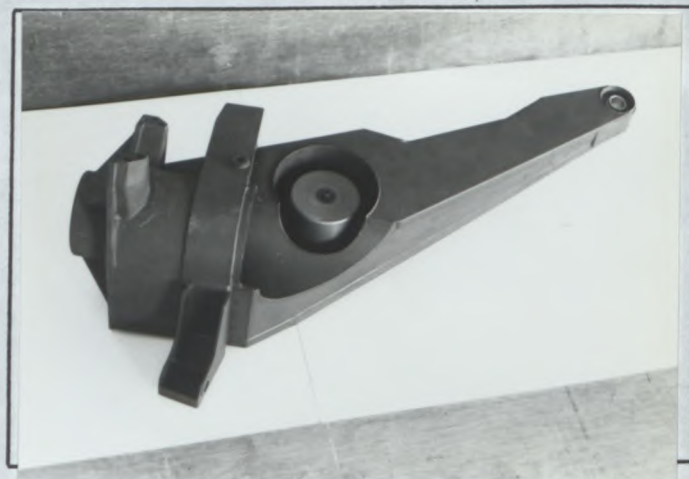


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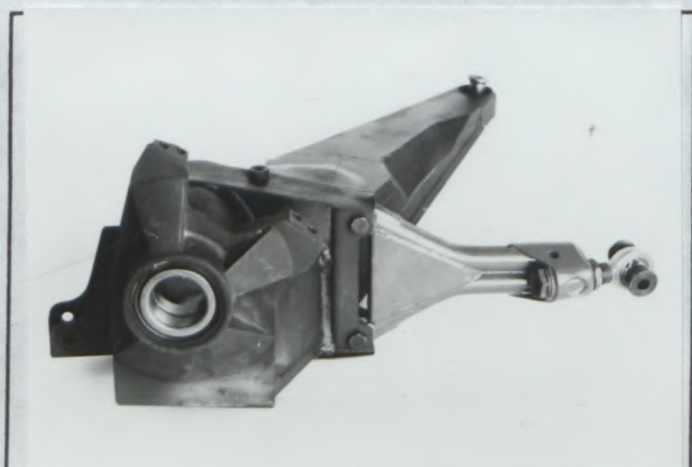


PHOTO No 93-70



PHOTO No 93-71



PHOTO No 93-72



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-79

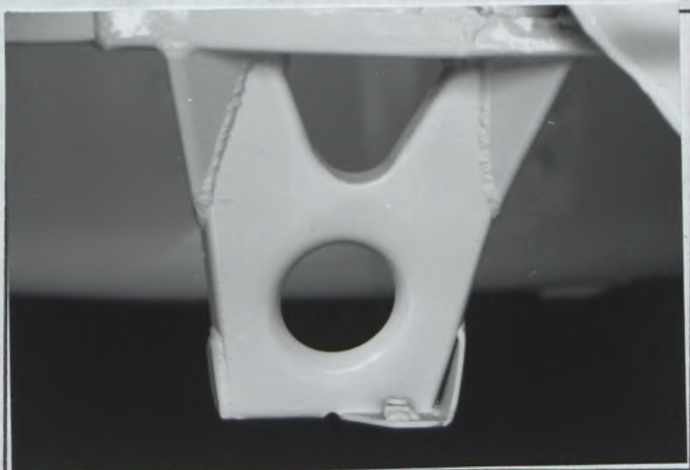


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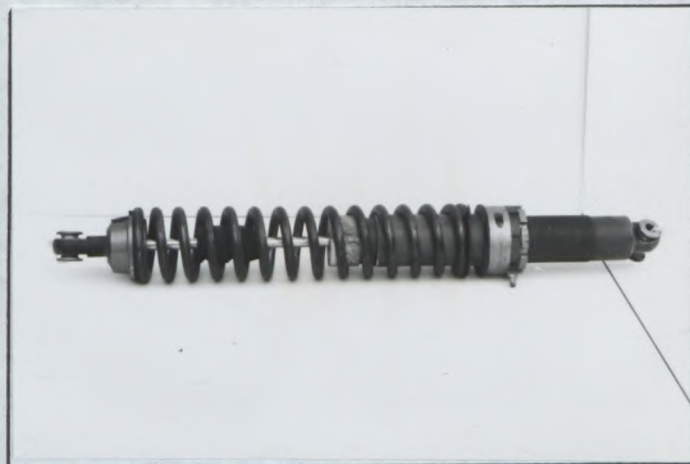


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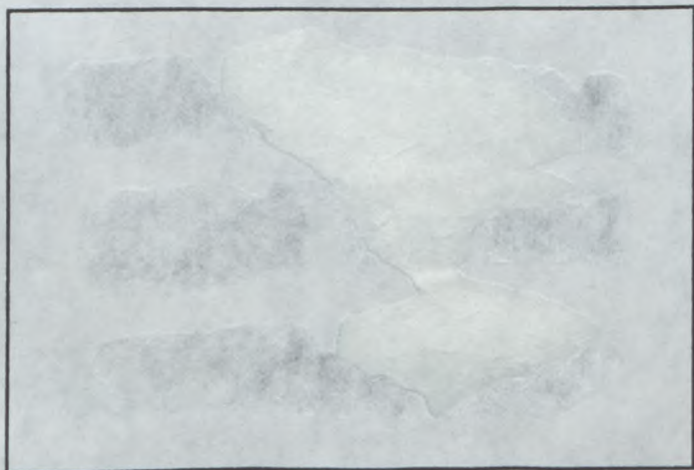


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PHOTO No 93-83

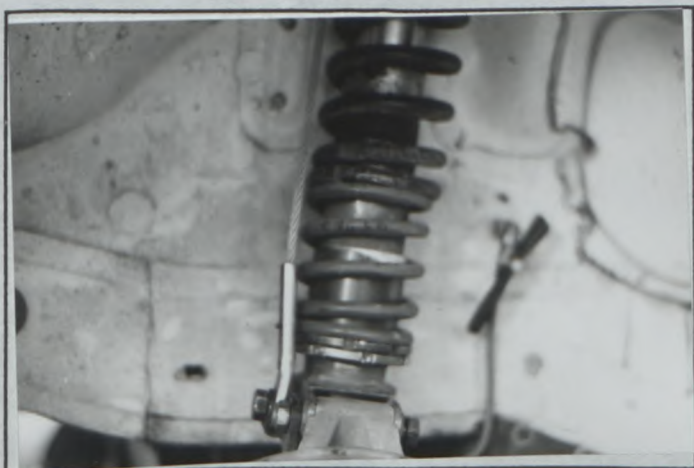
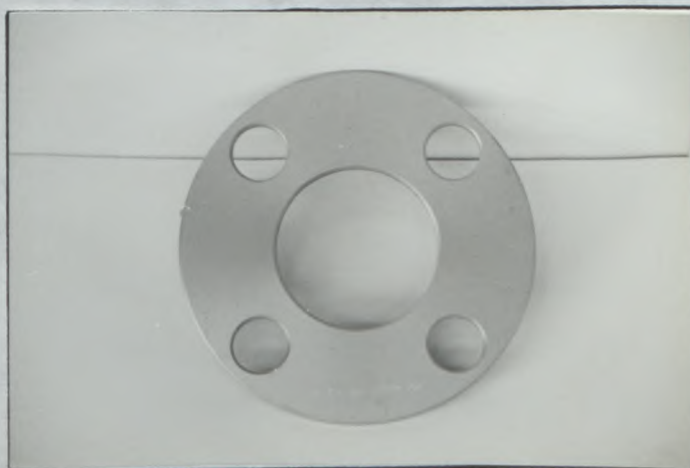


PHOTO No 93-84



Marque
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FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-85



PHOTO No 93-86



PHOTO No 93-87



PHOTO No 93-88



PHOTO No 93-89



PHOTO No 93-90



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01701V0

PHOTO No 93-91



PHOTO No 93-92



PHOTO No 93-93

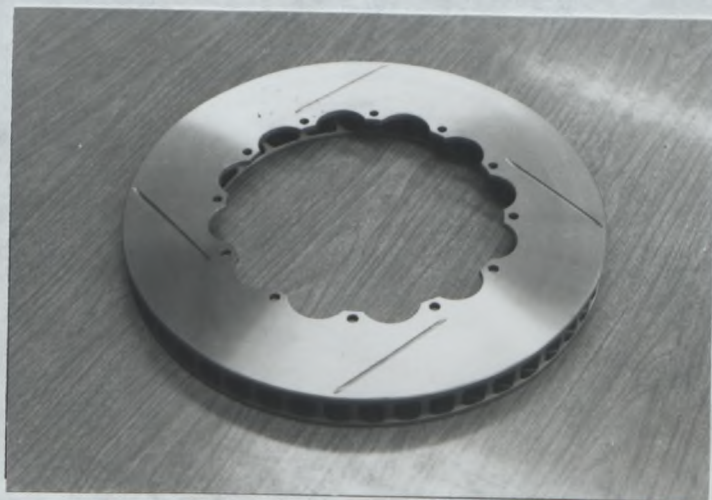


PHOTO No 93-94



PHOTO No 93-95

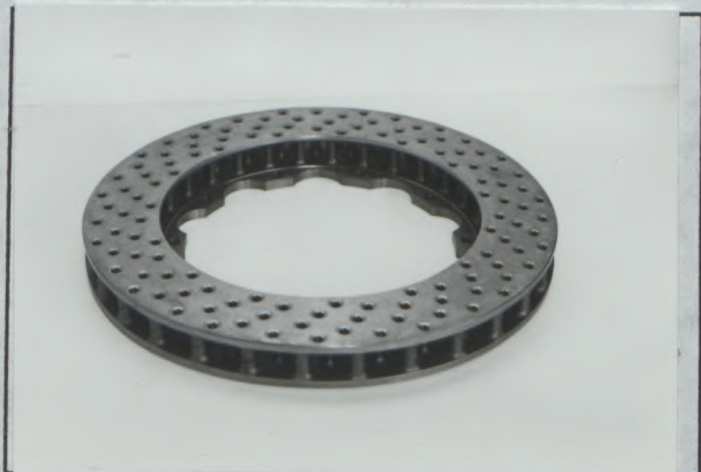
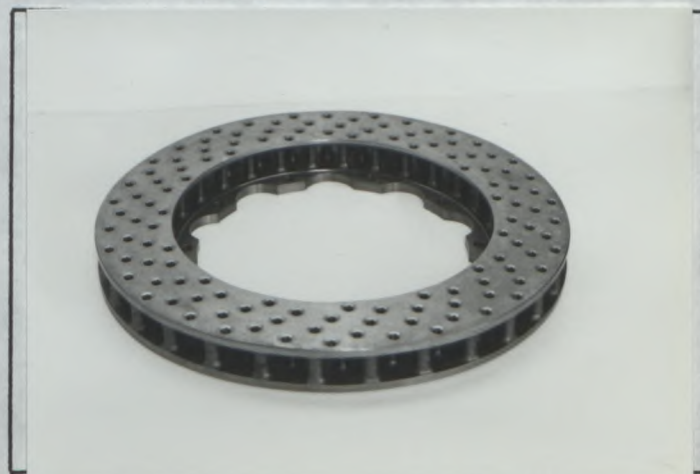


PHOTO No 93-96



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-97



PHOTO No 93-98



PHOTO No 93-99



PHOTO No 93-100

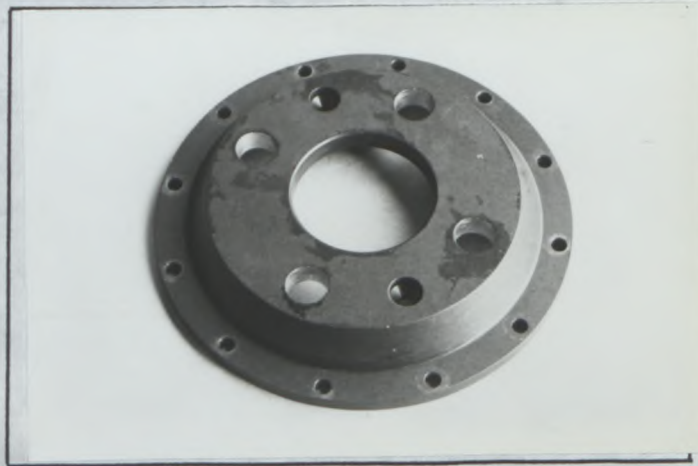


PHOTO No 93-101



PHOTO No 93-102



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-103

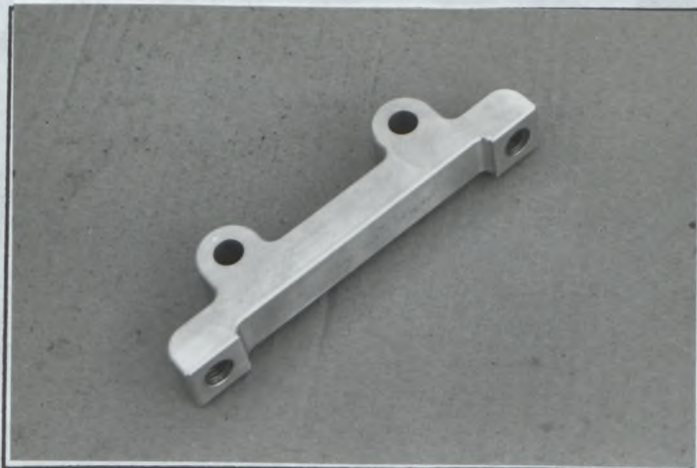


PHOTO No 93-104



PHOTO No 93-105

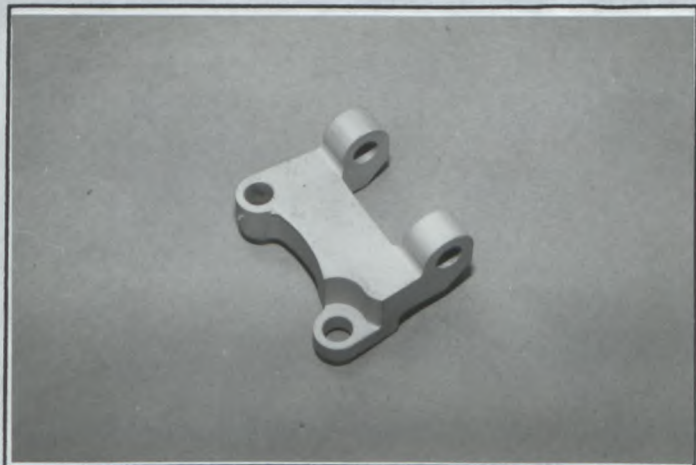


PHOTO No 93-106



PHOTO No 93-107

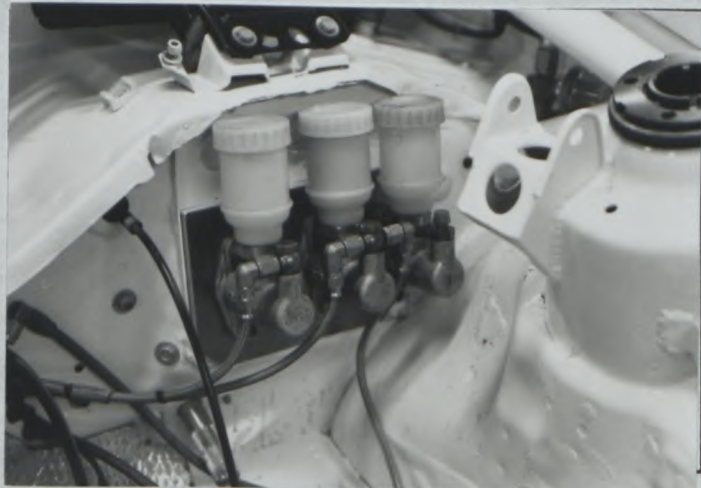


PHOTO No 93-108



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-109



PHOTO No 93-110

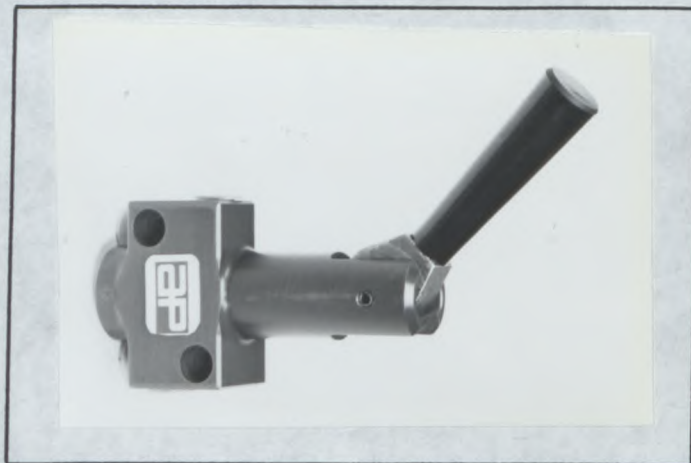


PHOTO No 93-111



PHOTO No 93-112



PHOTO No 93-113



PHOTO No 93-114



Marque
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Modèle
Model

ESCORT RS COSWORTH

Homologation No

A - 5466

Extension No

01/01V0

PHOTO No 93-115

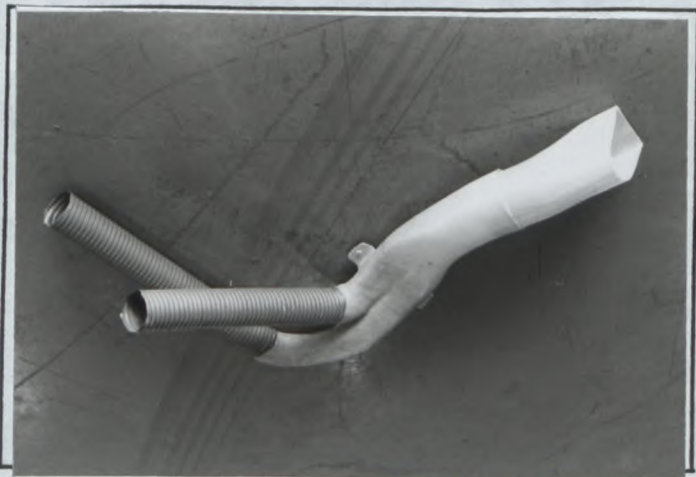


PHOTO No 93-116



PHOTO No 93-117



PHOTO No 93-118

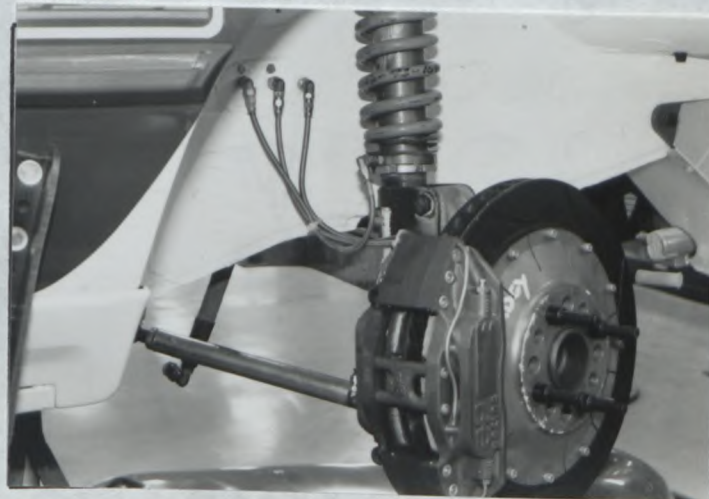


PHOTO No 93-119

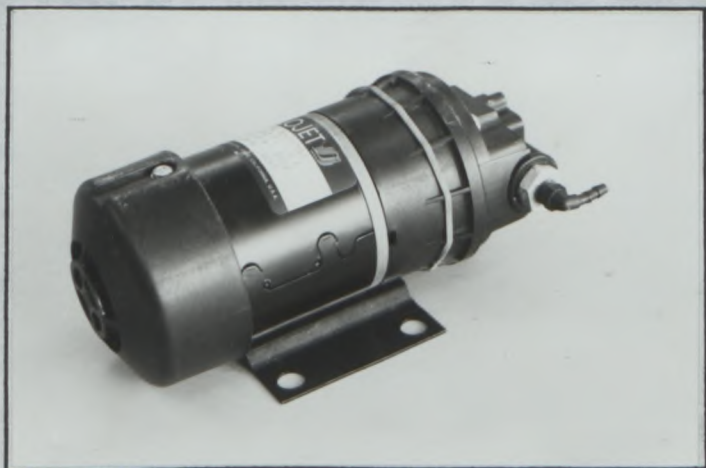
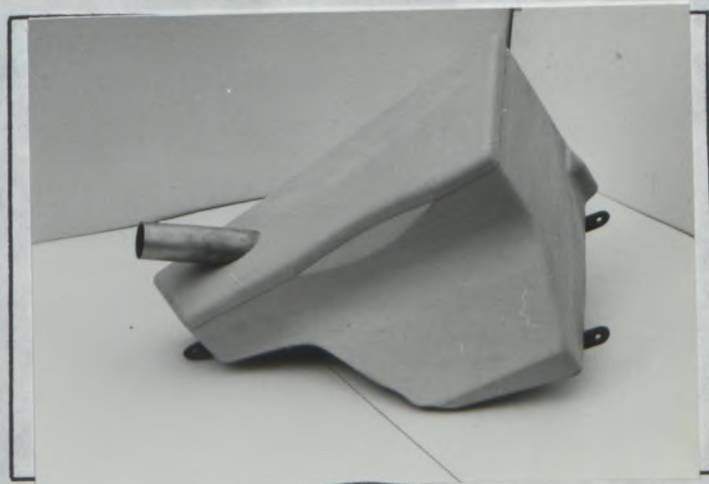


PHOTO No 93-120



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Model

ESCORT RS COSWORTH

Homologation No

A - 5466

Extension No

01/01V0

PHOTO No 93-121

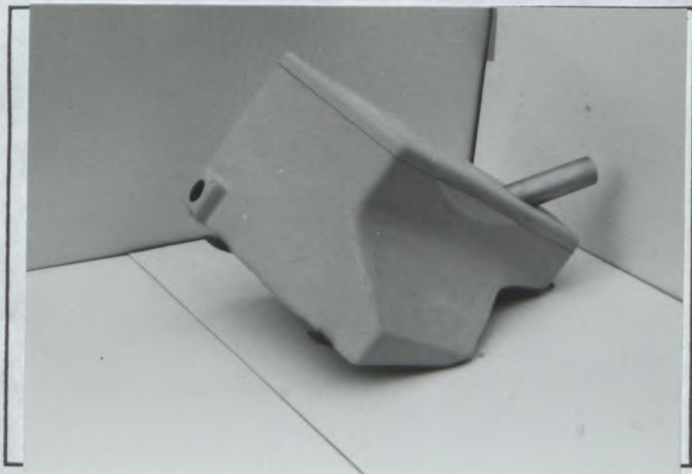


PHOTO No 93-122



PHOTO No 93-123

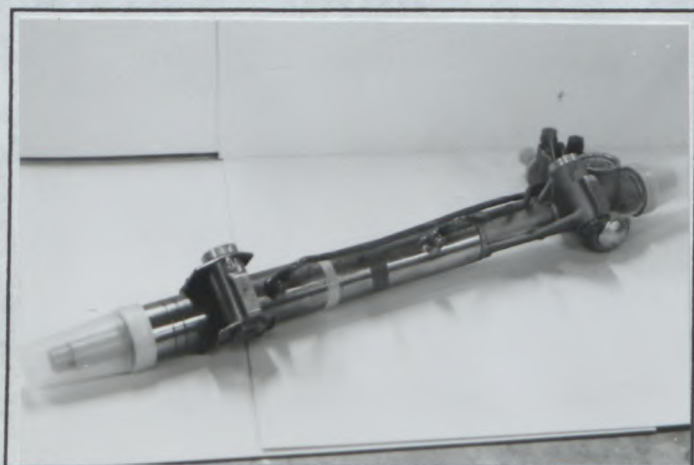


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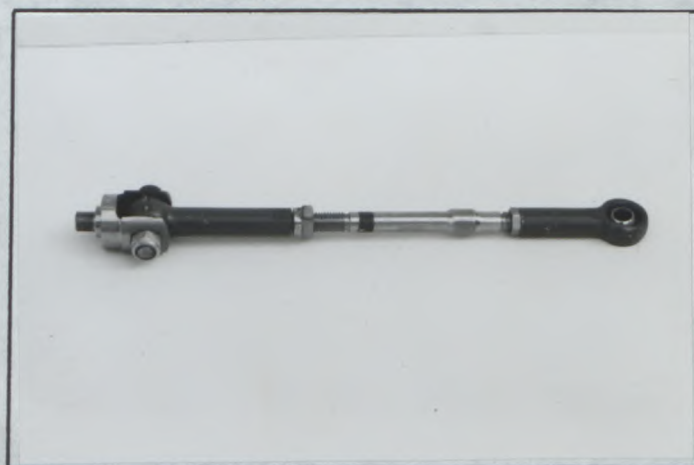


PHOTO No 93-125



PHOTO No 93-126



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Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-127



PHOTO No 93-128



PHOTO No 93-129



PHOTO No 93-130



PHOTO No 93-131

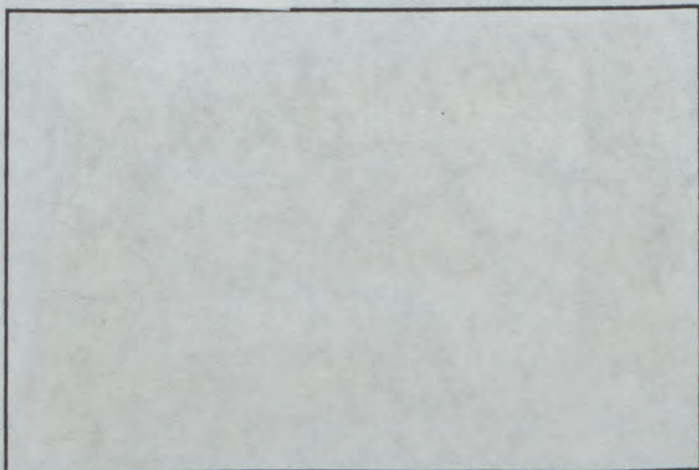
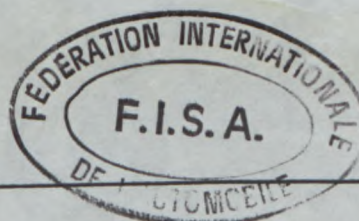
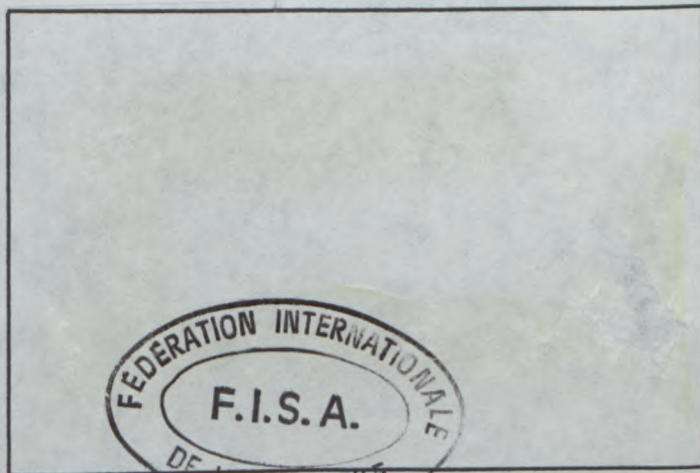


PHOTO No 93-132



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Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-133

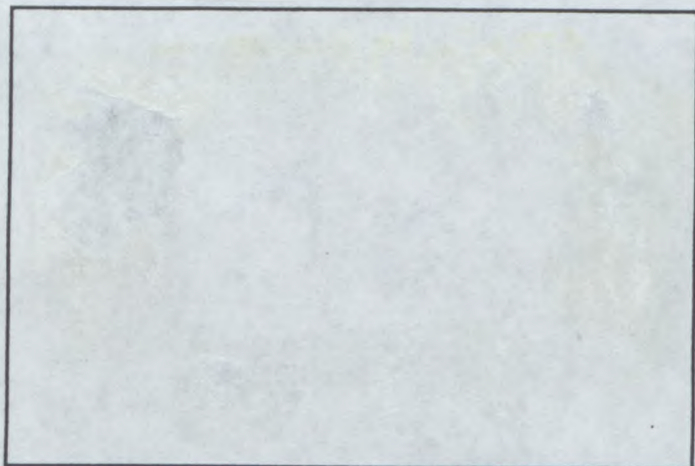


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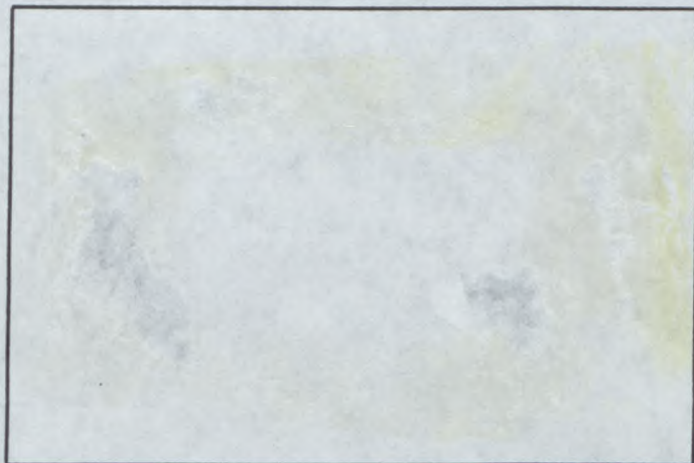


PHOTO No 93-135



PHOTO No 93-136

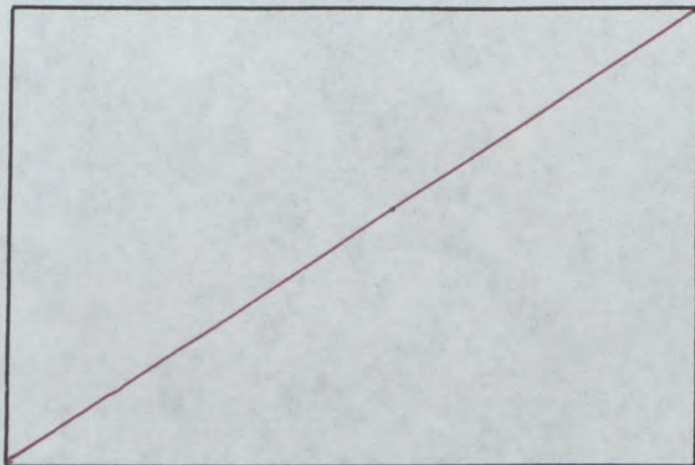


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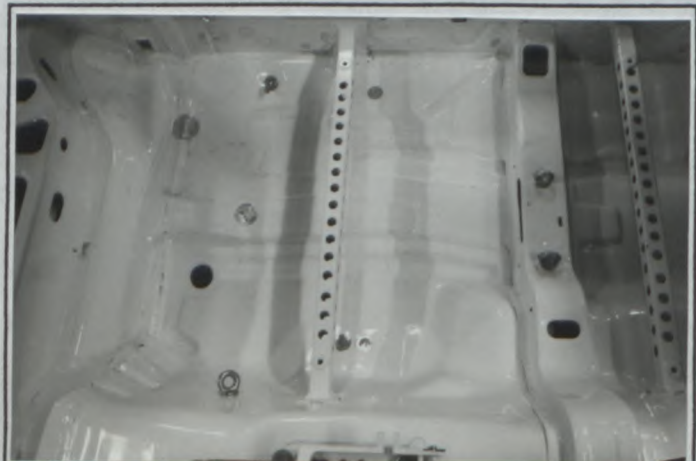
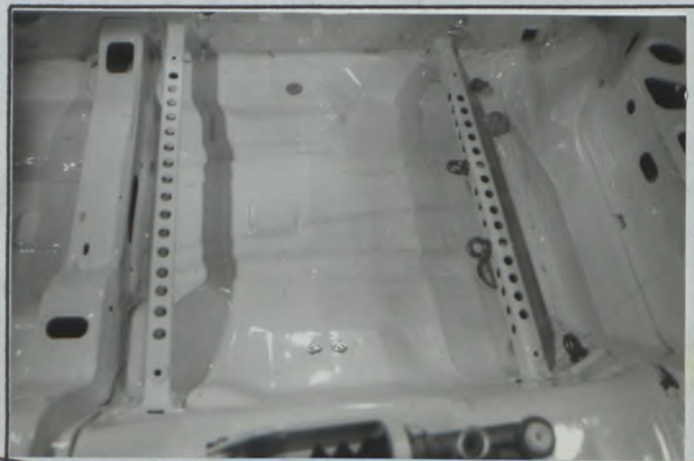


PHOTO No 93-138



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Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-139



PHOTO No 93-140

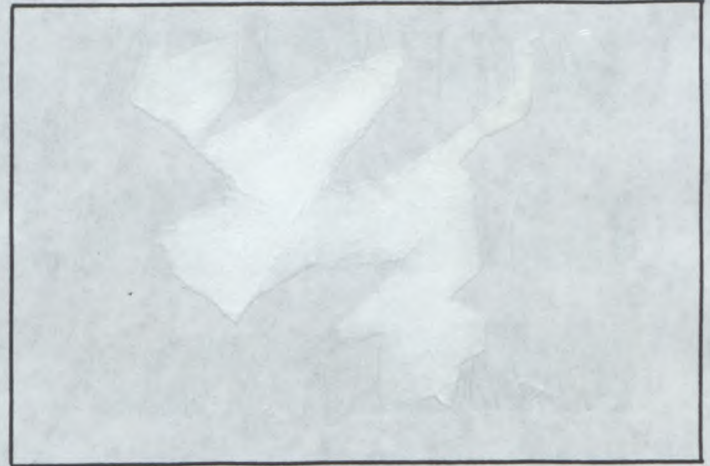


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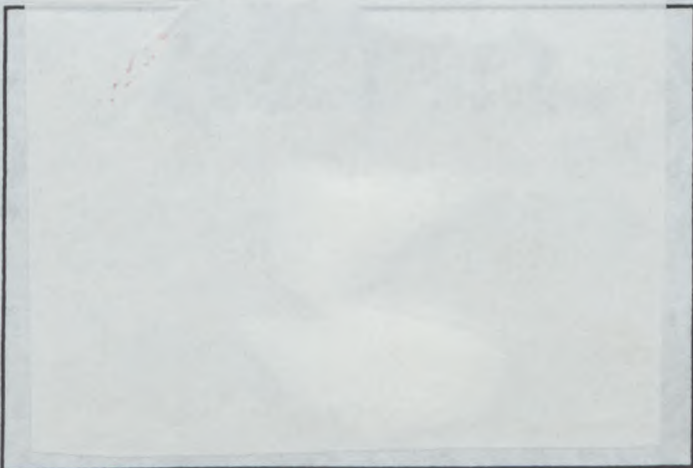


PHOTO No 93-142



PHOTO No 93-143



PHOTO No 93-144



Marque
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Modèle
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ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-145



PHOTO No 93-146



PHOTO No 93-147



PHOTO No 93-148

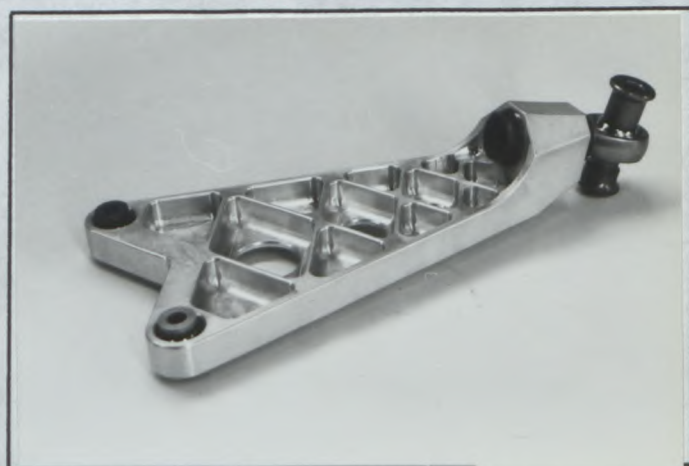


PHOTO No 93-149



PHOTO No 93-150



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Modèle ESCORT RS COSWORTH
Model

Homologation No

A-5466

Extension No

01/01V0

PHOTO No 93-151

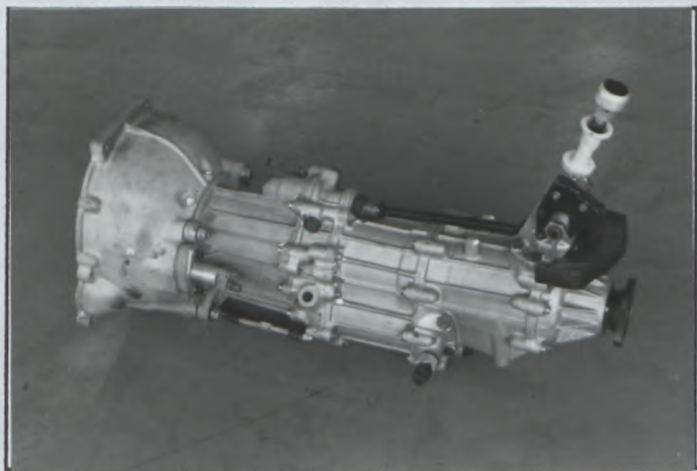


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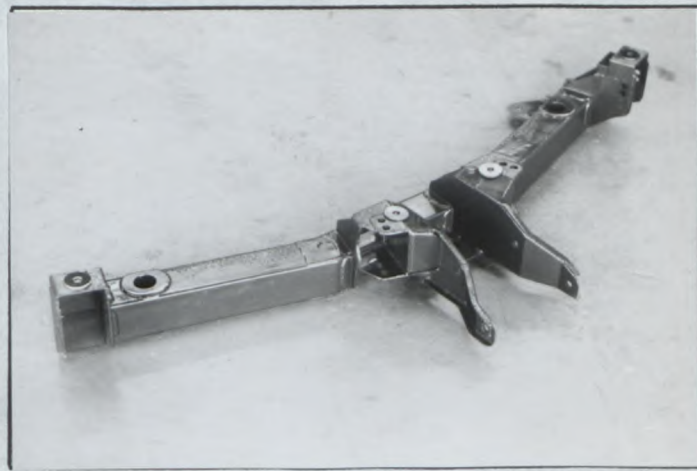


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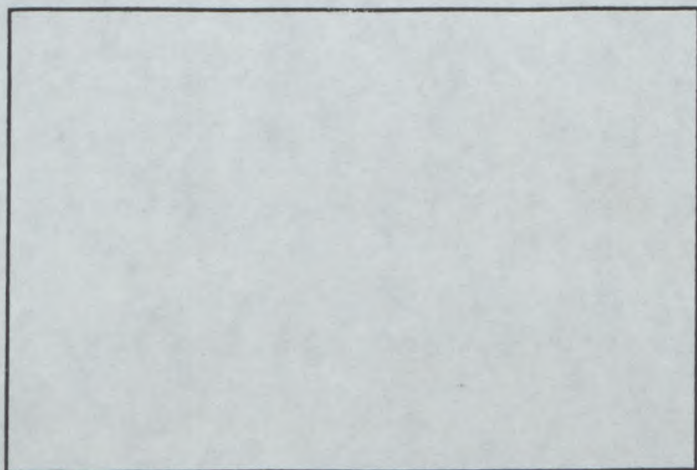


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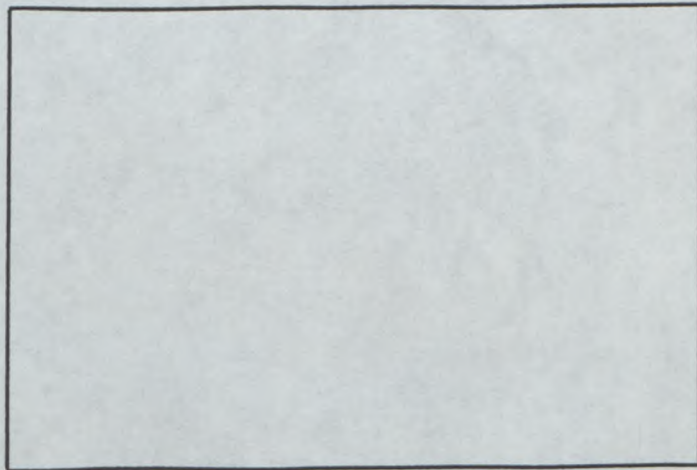


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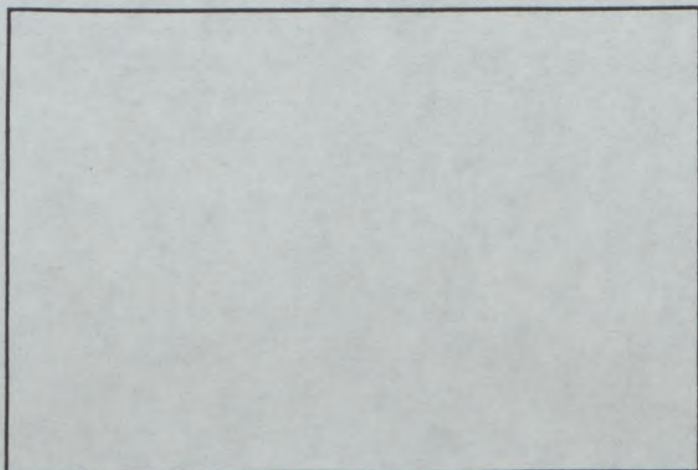
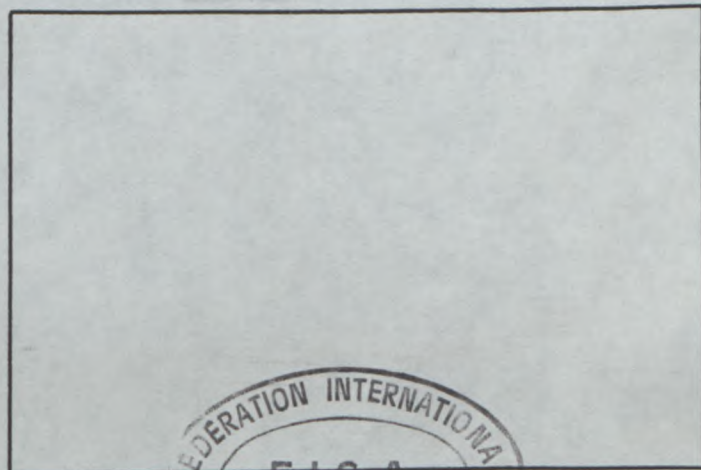


PHOTO No





DU SPORT AUTOMOBILE

A - 5466

Groupe
Group

A/B/N/T1

Extension No

02/01 ER

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type ☐ VO Variante option / Option variant
- ☐ ET Evolution normale du type / Normal evolution of the type ☒ ER Erratum / Erratum
- ☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD MOTOR COMPANY Ltd

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

01.02.1993

Page ou ext. Page or ext.	Article Article	Description Description
01/01 VO		Add the following text :
	804	Alternative power steering rack, L.H.D. and R.H.D Ratio = $12.8 \pm .25$ RHD is opposite hand to unit shown Photo 93 - 123
	804	Heavy duty steering rod, rack to steering arm Photo 93 - 124 Alternative Steering rod joints for Heavy duty or standard steering rods Photo 93 - 144 Photo 93 - 145





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A 5466

Groupe
Group

A

N

Extension No

03/02 ER

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type
- ☐ ET Evolution normale du type / Normal evolution of the type
- ☐ VF Variante de fourniture / Supply variant
- ☐ VO Variante option / Option variant
- ☒ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 APRIL 1993

Page ou ext. Page or ext.	Article Article'	Description Description
16	803	Alteration to caliper (cosmetic change) shown in Photo 93 - 88 Alteration to caliper (cosmetic change) shown in Photo 93 - 89 Photo 93 - 172 Photo 93 - 173
20		Revised housing for engine ISS water container, reduces Max bag volume to 10 litres Photo 93 - 122 Was under Page 17, Art 803 - Brakes
T2	334	h2) Intercooler is single pass for both air/water and air/air. The two units are in series with the air/water first Not previously specified.



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

03/02 ER

PHOTO No 93-172



PHOTO No 93-173



PHOTO No

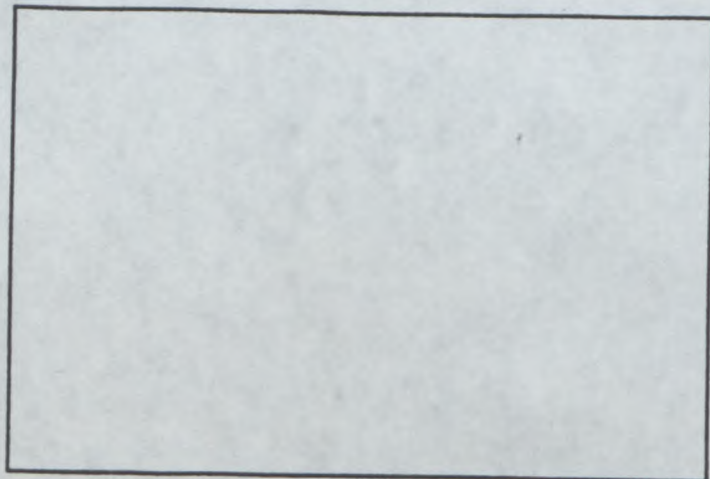


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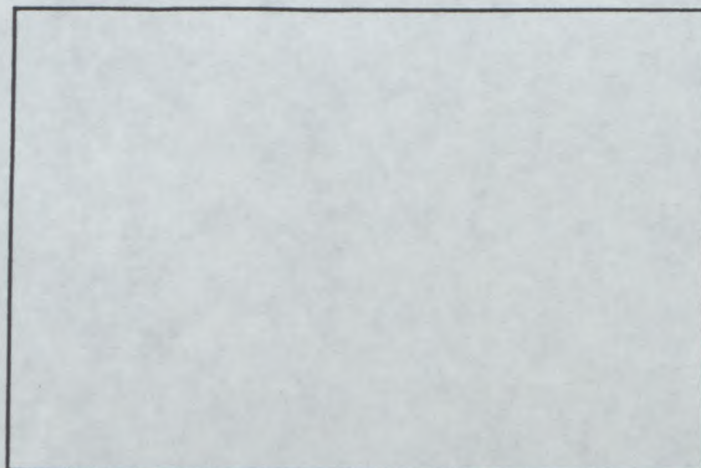


PHOTO No

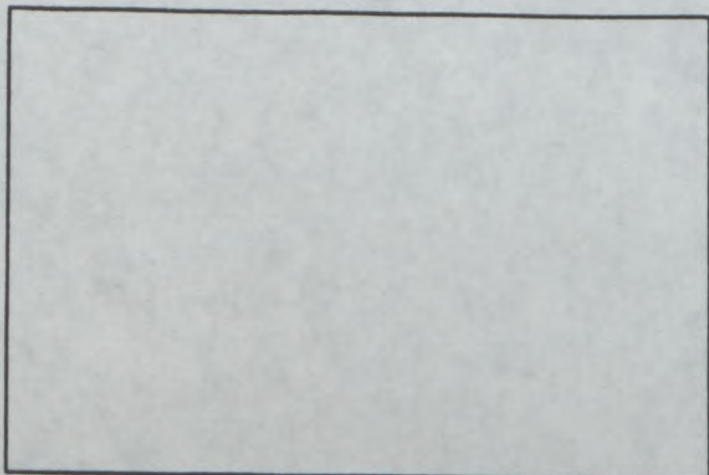
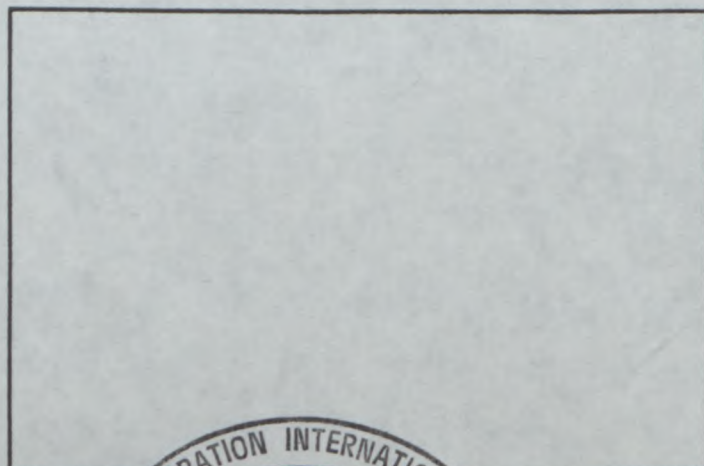


PHOTO No





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation N.

A 5466

Groupe A
Group

Extension N.

04/02 ET

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type
☐ ET Evolution normale du type / Normal evolution of the type
☐ VF Variante de fourniture / Supply variant
☒ VO Variante option / Option variant
☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 APRIL 1993

Page ou ext. Page or ext.	Article Article*	Description Description
12	602	Alternative clutch release by oscillating lever, hydraulic or cable operation Photo 93 - 154
12	603	Alternative remote oil tank for gearbox lubrication Capacity 1,5 L Photo 93 - 155
15	701	Alternative rear suspension crossmember, attached to chassis in same position as standard unit. Suspension pick up points within 20mm of production car Photo 93 - 156 Photo 93 - 163
15	701	Front upright casting (knuckle), front suspension, interchangeable as an assembly with standard components, incorporating high capacity bearings. Caliper mounting boss variable depending on disc size used type RAS33 Photo 93 - 157 type RAS34 Photo 93 - 158



Marque
Make

FORD

Modele
Model

ESCORT R S COSWORTH

No Homol A 5466

No Ext. **04/02 ET**

Page ou Ext. Page or Ext.	Art Art	Description Description
15	701	Spacer, Front upright - thickness variable Photo 93 - 159 Photo 93 - 160
15	701	Steering arm, produces same ratio as standard arm Photo 93 - 161
15	701	Bracket, compression strut location to chassis, remains within 20mm of original pivot position, may be bolted and/or welded to chassis Photo 93 - 162
15	701	Alternative joint or joint housing for rear suspension arm Photo 93 - 164
15	707	Suspension travel limiters for front suspension (for alternative upright) Photo 93 - 165
16	803	Alternative mounting for disc to mounting bell Photo 93 - 166
16	803	Caliper mounting brackets, with spacers type RAB11 Photo 93 - 167
16	803	Brake and/or clutch master cylinder Photo 93 - 168
17	803	Water tanks for brake and damper cooling Revised units Capacity 10 L Photo 93 - 169 Photo 93 - 170
18	901	Seat support and lower seat belt anchorage points, incorporating support for spare turbocharger support box. Photo 93 - 171



Marque
Make

FORD

Modele
Model

ESCORT R S COSWORTH

No Homol A 5466

No Ext. **04/02 ET**

Page ou Ext.
Page or Ext.

Art
Art

Description
Description

16

801

Dirt protection shield for brakes Photo 93 - 174

17

803

Water cooled shock absorbers, enlarged cooling tube, used in conjunction with increased diameter road springs. Photo 93 - 175



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

04/02 ET

PHOTO No 93-154

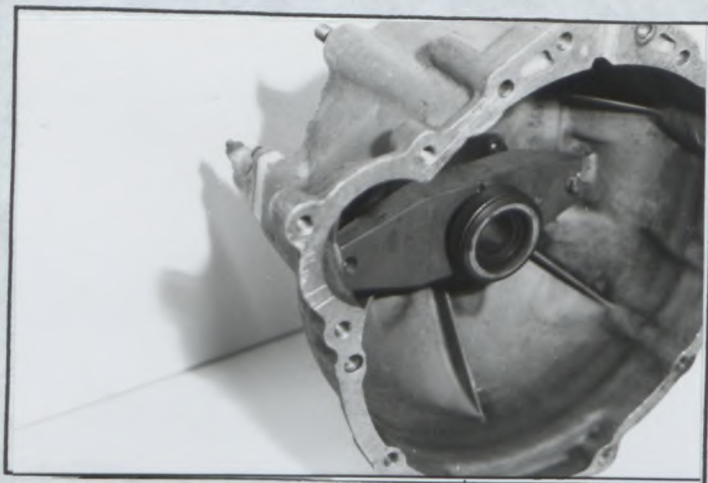


PHOTO No 93-155



PHOTO No 93-156

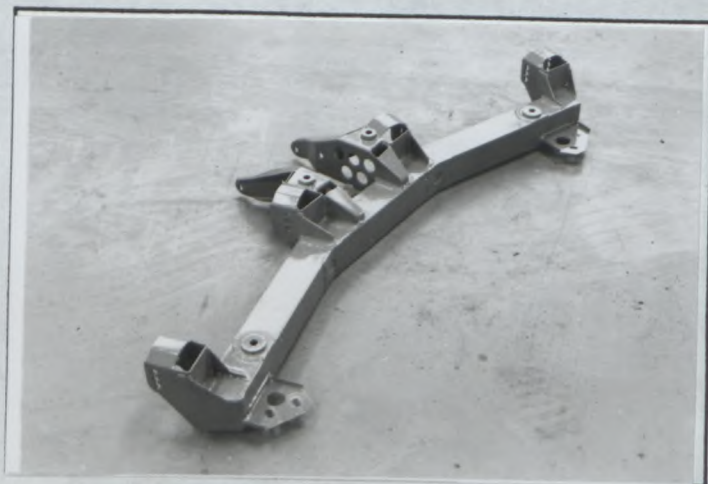


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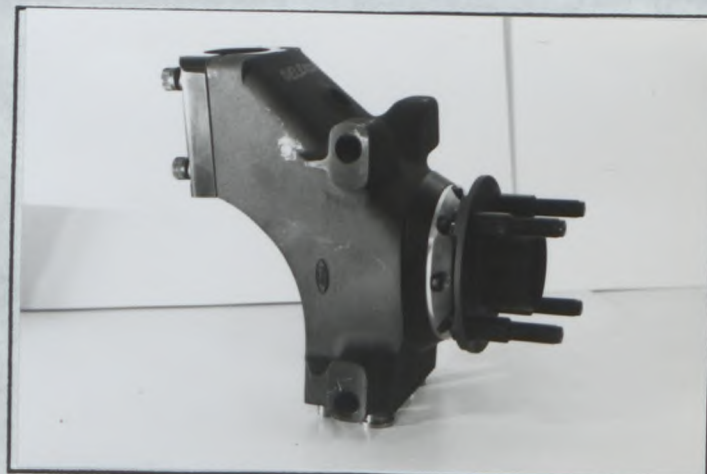


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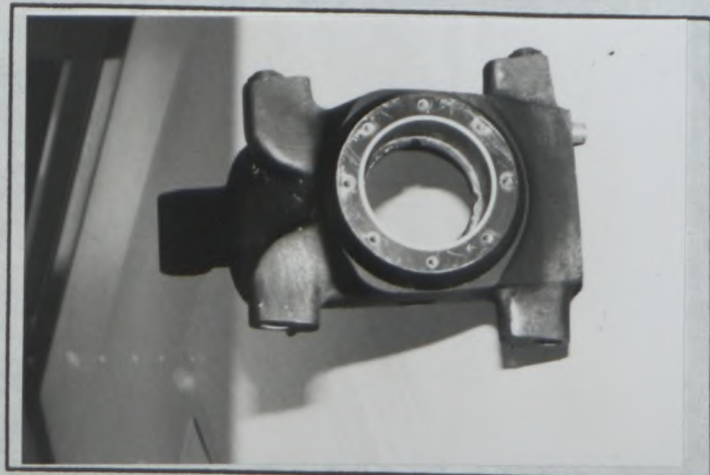


PHOTO No 93-159



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

04/02 ET

PHOTO No 93-160



PHOTO No 93-161



PHOTO No 93-162

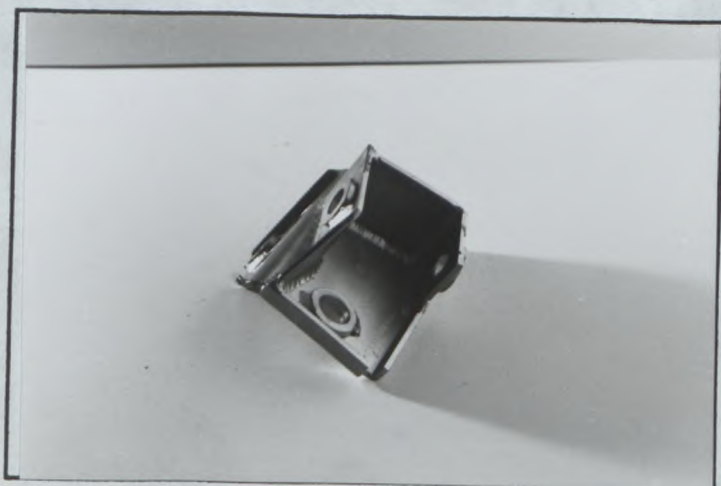


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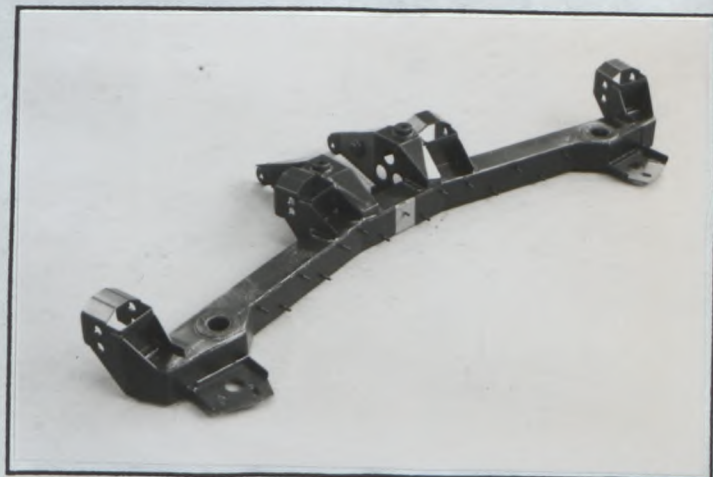


PHOTO No 93-164



PHOTO No 93-165



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

04/02 ET

PHOTO No 93-166

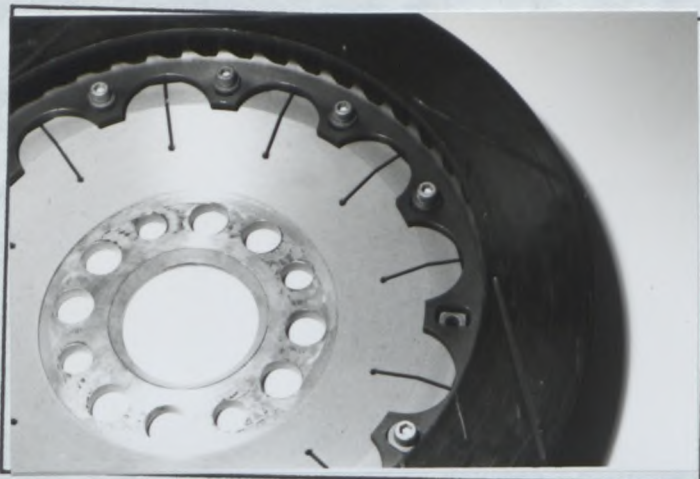


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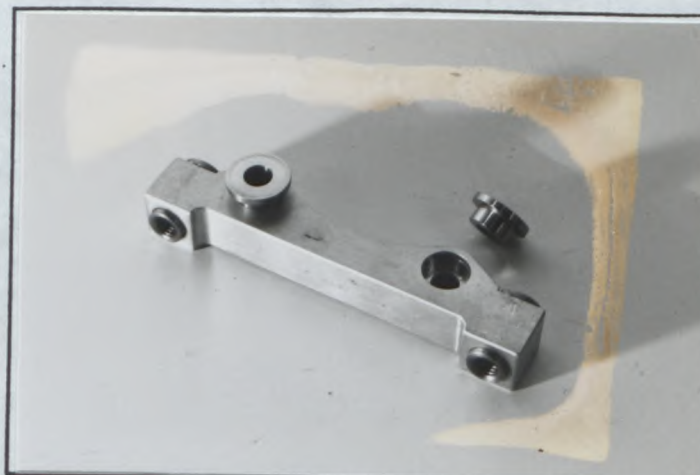


PHOTO No 93-168



PHOTO No 93-169

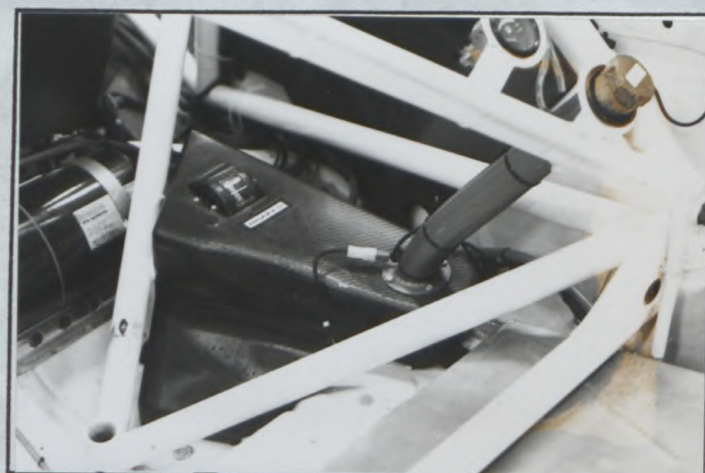


PHOTO No 93-170



PHOTO No 93-171



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

04/02 ET

PHOTO No 93-174

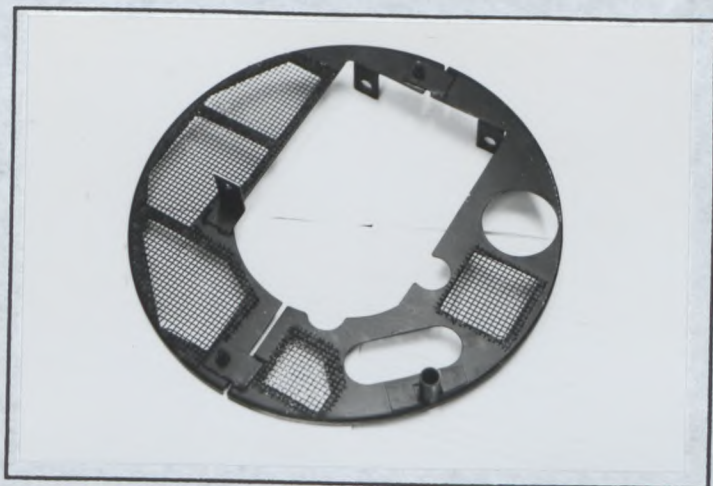


PHOTO No 93-175

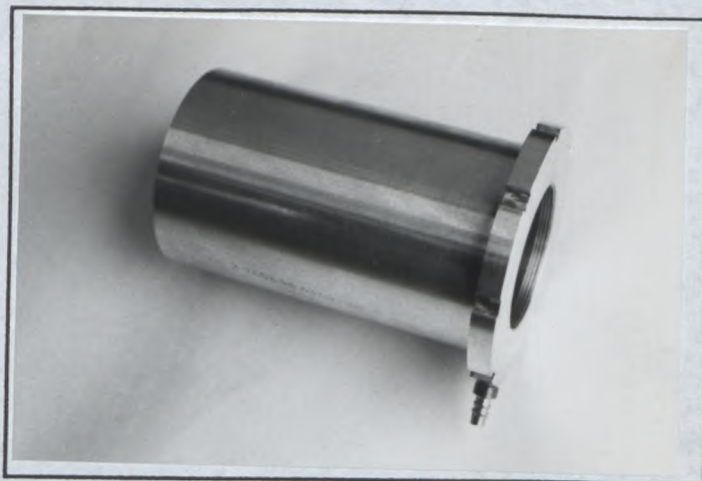


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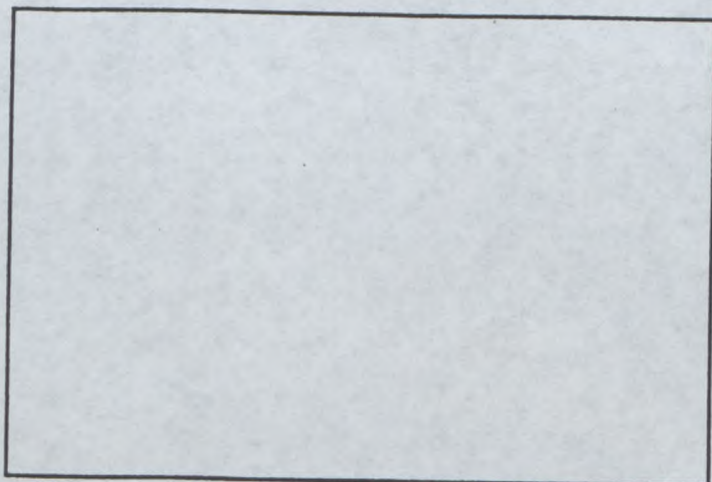


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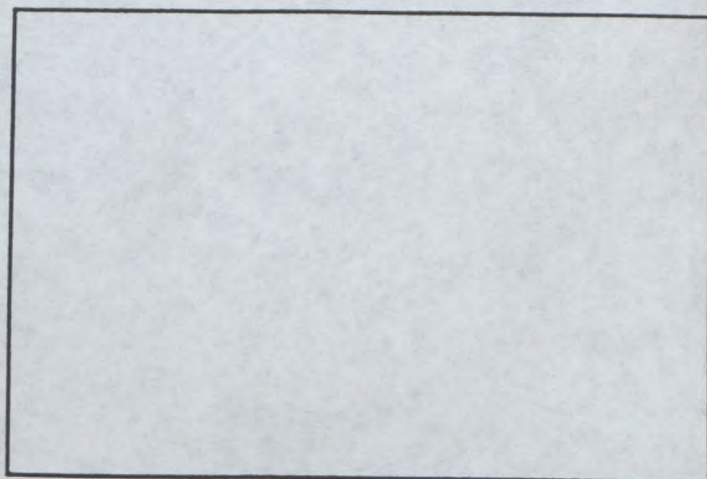


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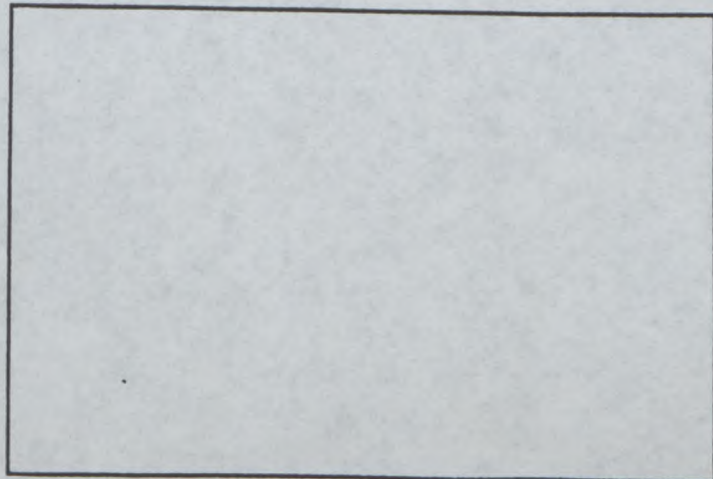
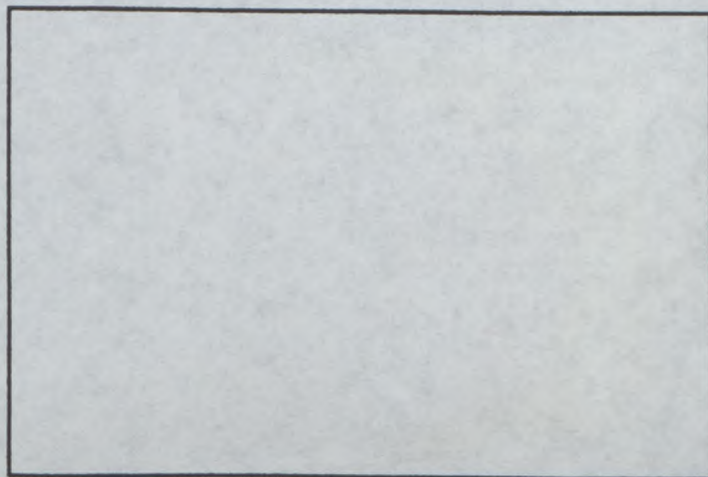


PHOTO No





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A-5466

Groupe
Group

A/B/N/T1

Extension No

05/03 ER

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

☐ ES Evolution sportive du type / Sporting evolution of the type

☐ VO Variante option / Option variant

☐ ET Evolution normale du type / Normal evolution of the type

☒ ER Erratum / Erratum

☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD MOTOR COMPANY LIMITED

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

01 AVR. 1993

Page ou ext. Page or ext.	Article Article	Description Description
04/02 ET		This extension is not an ET, but a <u>VO</u> .





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A 5466

Groupe
Group

A

Extension No

06/03 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type ☒ VO Variante option / Option variant
- ☐ ET Evolution normale du type / Normal evolution of the type ☐ ER Erratum / Erratum
- ☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JULY 1993

Page ou ext. Page or ext.	Article Article	Description Description
15	701	Front cross member, suspension pick up points within 20mm of original position Photo 93 - 176
15	701	Front suspension top mount. Pivot position remains within 20mm of original position Photo 93 - 177
15	701	Alternative rear arm for heavy duty rear suspension Magnesium alloy Type RGS8 Photo 93 - 178 Magnesium alloy Type RTS5 Photo 93 - 179 Fabricated from steel sheet Photo 93 - 180
16	801	Dirt protection shield for brakes Photo 93 - 181
16	803	Caliper mounting adaptor for radial mount calipers, exact sizes variable depending on disc/caliper size used. Photo 93 - 182



Marque
Make

FORD

Modele

Model

ESCORT R S COSWORTH

N° Homol A 5466

N° Ext. **06/03 VO**

Page ou Ext. Page or Ext.	Art Art	Description Description
17	803	Modified handbrake system for combined differential and brake control. Dual handbrake assembly. Photo 93 - 183 Solenoid system using existing hydraulic pump Photo 93 - 184
17	804	Steering rack with extra reinforcement to rack body Photo 93 - 185



Page

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

06/03 VO

PHOTO No 93 - 176

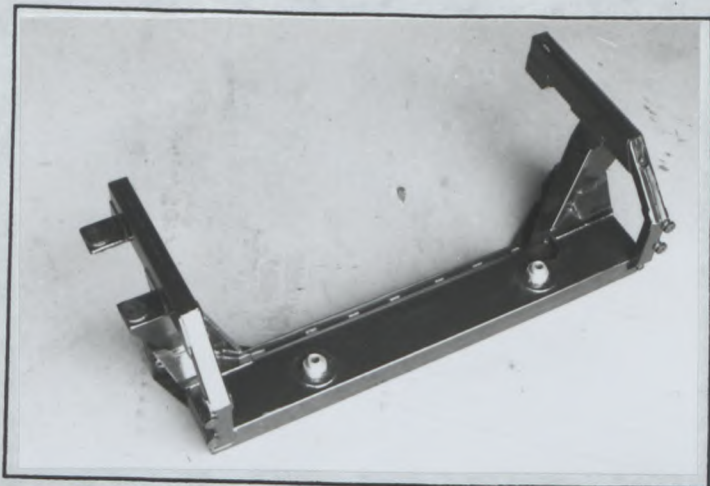


PHOTO No 93 - 177



PHOTO No 93 - 178

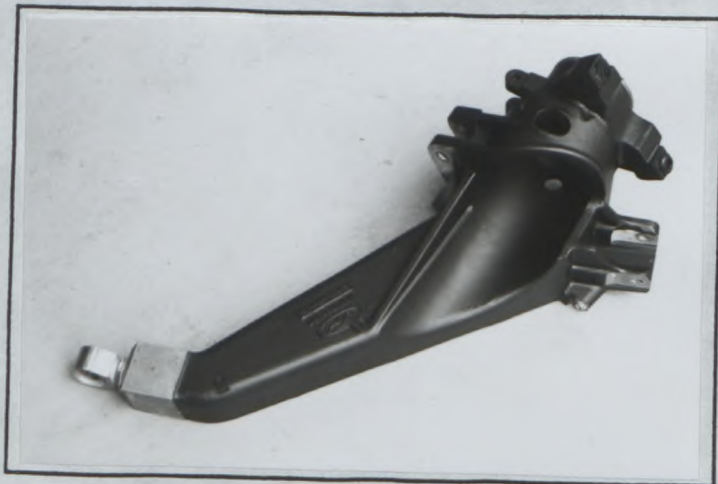


PHOTO No 93 - 179



PHOTO No 93 - 180

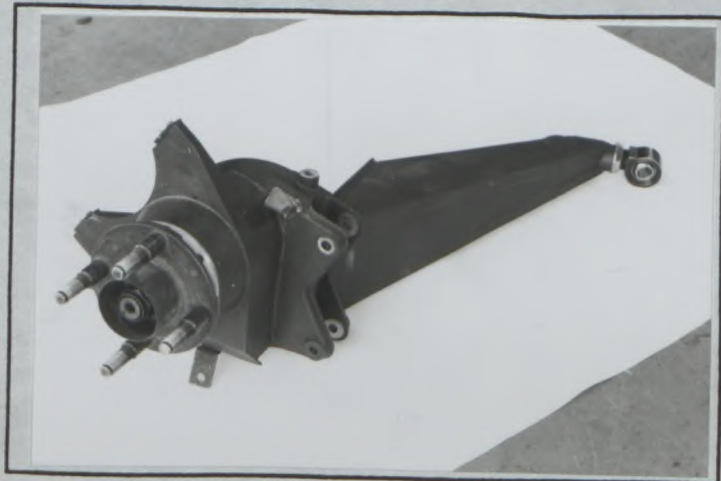


PHOTO No 93 - 181



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

06/03V0

PHOTO No 93 - 182



PHOTO No 93 - 183

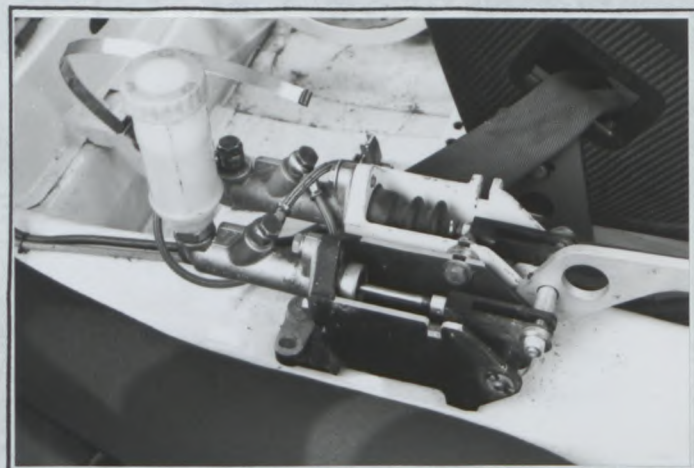


PHOTO No 93 - 184



PHOTO No 93 - 185



PHOTO No

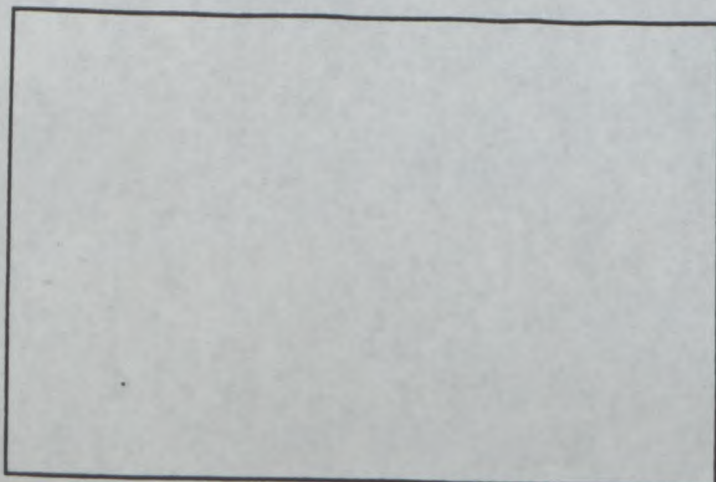
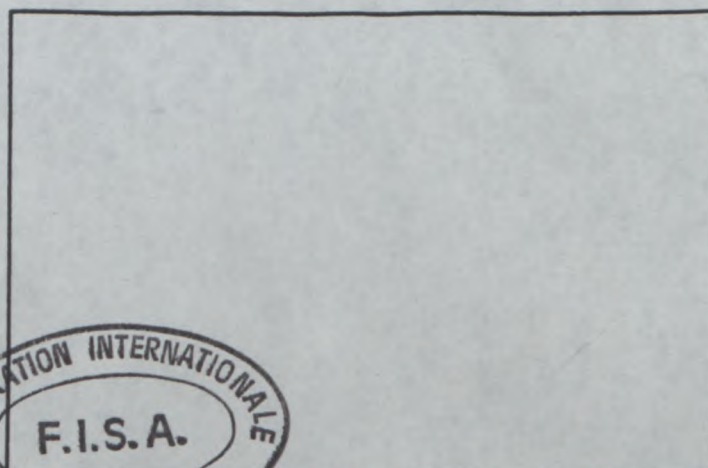


PHOTO No





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A 5466

Groupe
Group

A

Extension No

07/04 ER

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type ☐ VO Variante option / Option variant
- ☐ ET Evolution normale du type / Normal evolution of the type ☒ ER Erratum / Erratum
- ☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

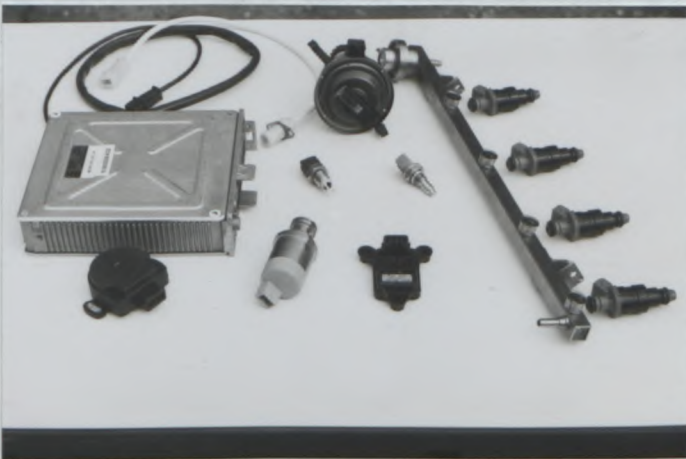
FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

01 AOÛT 1993

Page ou ext. Page or ext.	Article Article*	Description Description
6	H	Photograph of Injection System Manifold Absolute Pressure Sensor corrected to latest 2.5 bar production unit. 





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A5466

Groupe A
Group

Extension No

08 / 04 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type ☒ VO Variante option / Option variant
- ☐ ET Evolution normale du type / Normal evolution of the type ☐ ER Erratum / Erratum
- ☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 OCTOBER 1993

Page ou ext. Page or ext.	Article Article*	Description Description
15	701	Alternative rear arm for heavy duty rear suspension magnesium alloy Type RTS6 Photo 93-186 magnesium alloy Type RGS9 Photo 93-187



93-186



93-187





FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A 5466

Groupe
Group

A

Extension No

09/05 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type
- ☐ ET Evolution normale du type / Normal evolution of the type
- ☐ VF Variante de fourniture / Supply variant
- ☒ VO Variante option / Option variant
- ☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JANUARY 1994

Page ou ext. Page or ext.	Article Article*	Description Description
13	603	Alternative gearcase to accommodate alternative sequential gear shift mechanism. Accepts same gear ratio's as previously homologated. Incorporates modifications to bell housing which is usable with sequential and non-sequential gearchange gearboxes Gear change lever assembly for above gearbox Photo 94 - 1 Photo 94 - 2
14	606	Alternative transmission shaft, length variable depending on gearcase or axle used Photo 94 - 3
14	606	Alternative joint for transmission shafts, may be used on any wheel drive shaft Photo 94 - 4
15	701	Strut top mount, pivot position within 20mm of standard car position Photo 94 - 5

Marque
Make

FORD

Modele
Model

1966 Ford Mustang

No Homol A 5466

No Ext. **09/05 VO**

Page ou Ext. Page or Ext.	Art Art	Description Description
15	701	Alternative rear suspension trailing arm, fabricated construction Photo 94 - 6
15	701	Adjusting levers for front and rear variable rate anti roll bars. Photo 94 - 7
16	701	Alternative hub assembly, front or rear axle, interchangeable with previous units Photo 94 - 8
17	803	Bracket for hydraulic handbrake assembly and differential control cylinder Photo 94 - 9
17	804	Alternative steering column, can incorporate articulation joints shown, or earlier components Photo 94 - 10
18	901	Seat support brackets Drivers side Photo 94 - 11 Co-Drivers side Photo 94 - 12

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
75008 PARIS

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No
A-5466

Extension No
09/05V0

PHOTO No 94-1

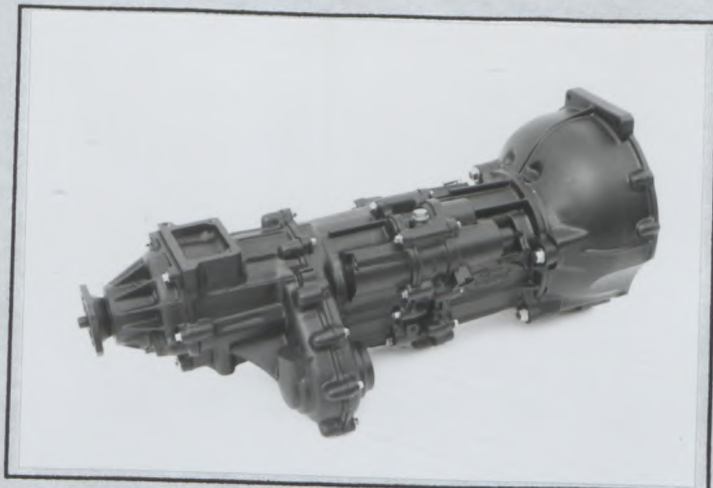


PHOTO No 94-2



PHOTO No 94-3



PHOTO No 94-4

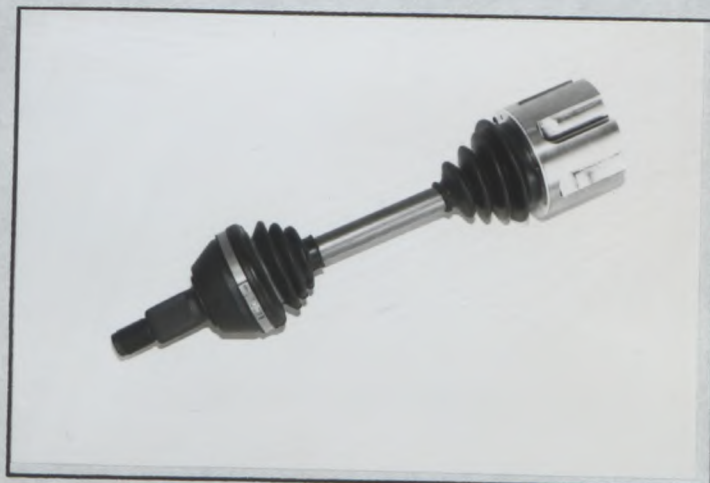
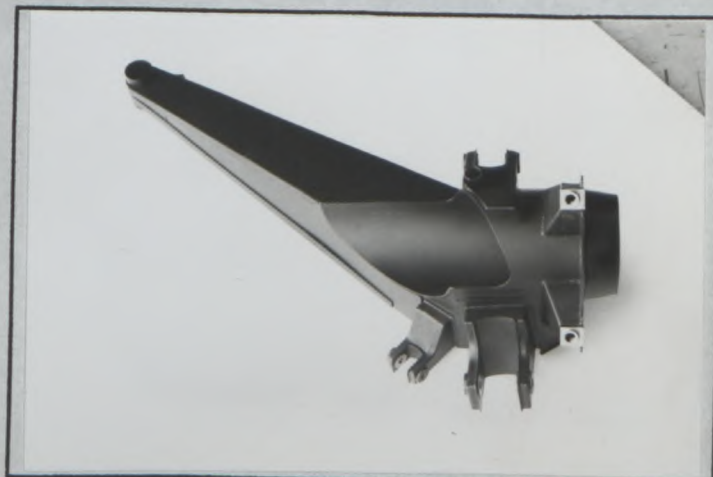


PHOTO No 94-5



PHOTO No 94-6



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No
A-5466

Extension No

09/05V0

PHOTO No 94-7



PHOTO No 94-8



PHOTO No 94-9

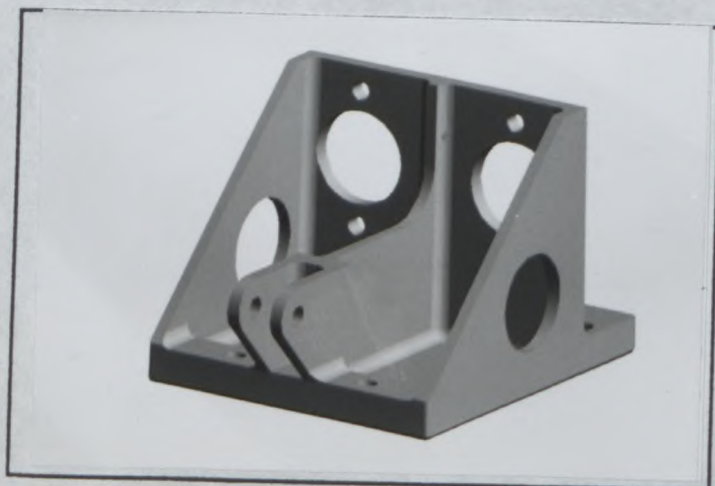


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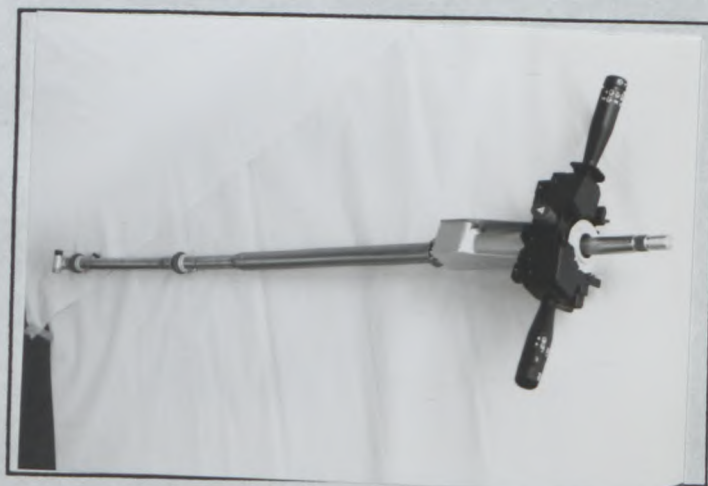


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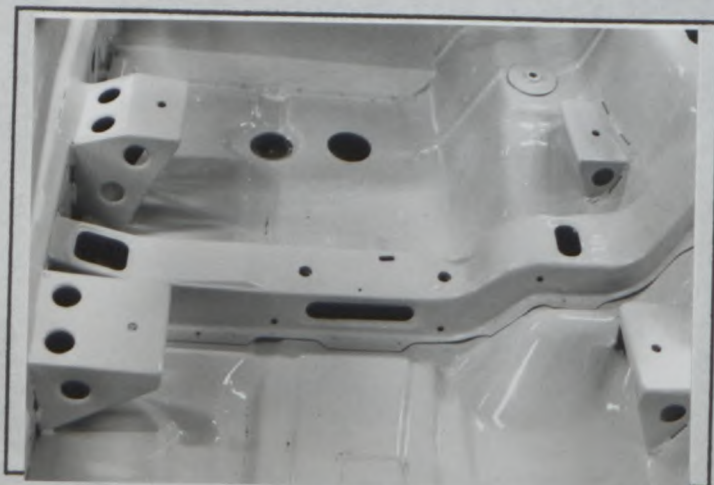


PHOTO No 94-12



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
75008 PARIS



FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation No

A 5466Groupe
Group**A**

Extension No

10/06 VO

FICHE D'EXTENSION D'HOMOLOGATION FORM OF HOMOLOGATION EXTENSION

- ☐ **ES** Evolution sportive du type / Sporting evolution of the type
- ☐ **ET** Evolution normale du type / Normal evolution of the type
- ☐ **VF** Variante de fourniture / Supply variant
- ☒ **VO** Variante option / Option variant
- ☐ **ER** Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur**FORD MOTOR COMPANY Ltd**Modèle et type
Model and type**ESCORT RS COSWORTH**Homologation valable à partir du
Homologation valid as from**1 April 1994**

Page ou ext. Page or ext.	Article Article	Description Description
12	603	Revised aperture in chassis for gear change linkage, may be used with any homologated gearbox Photo 94 - 13
12	603	Remote oil tank for gearbox lubrication. Max tank volume = 1.5 litres Photo 94 - 14
14	604	Pump and accumulator assemblies for active differential. Used in conjunction with homologated gear boxes with extended rear cover, or with heavy duty front or rear axle assemblies Photo 94 - 15 Max fluid volume in Reservoir = 0.35 litres Photo 94 - 16
14	606	Transmission shaft assemblies Photo 94 - 17 Photo 94 - 18
14	606	Drive shaft assemblies, with Tripode joint Photo 94 - 19

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
75008 PARIS Page _____

Marque
Make

FORD

Modele
Model

ESCORT R S COSWORTH

No Homol A 5466

No Ext.

10/06 VO

Page ou Ext. Page or Ext.	Art Art	Description Description
17	803	Alternative brake caliper (front and/or rear) Calipers identical except for internal machining, mounting boss position, and pad retention by clip or bolt Supplier: A P Racing/Ford Calipers to carry Ford Logo Photo 94 - 29
	803e	N° of cylinders 6
	803e1	Cylinder bore mm from 28 to 52
	803g1	N° of pads 2
	803g2	N° of calipers 1
	803g3	Caliper material M M C alloy
	803g8	Pad length $\pm$ 1.5mm from 85 to 150 (N.B. If this caliper is used on the axle with a hand brake, then a second hand brake caliper may be required)
17	803	Alternative brake caliper (front and/or rear) Calipers identical except for internal machining, mounting boss position, and pad retention by clip or bolt Supplier: Brembo/Ford, Calipers to carry Ford logo Photo 94 - 30
	803e	N° of cylinders 8
	803e1	Cylinder bore mm from 25 to 42
	803g1	N° of pads 4
	803g2	N° of calipers 1
	803g3	Caliper material alloy
	803g8	Pad length $\pm$ 1.5mm from 70 to 120 (N.B. If this caliper is used on the axle with a hand brake, then a second hand brake caliper may be required)
17	803	Water tank for brake and damper cooling Max volume of tank = 20 Litres Photo 94 - 31
17	803	Water cooled shock absorbers, enlarged cooling tube. Size variable depending on damper body used Photo 94 - 32
17	804	Modified steering rack body and bearing assembly Photo 94 - 33
18	901	Seat support and lower seat belt anchorage points, Drivers side Photo 94 - 34 Navigators side Photo 94 - 35

Marque FORD
Make

Modèle ESCORT RS COSWORTH
Model

Homologation No

A 5466

Extension No

10/06 VO

PHOTO No 94-13



PHOTO No 94-14



PHOTO No 94-15



PHOTO No 94-16



PHOTO No 94-17



PHOTO No 94-18



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
75008 PARIS

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

10/06V0

PHOTO No 94-19

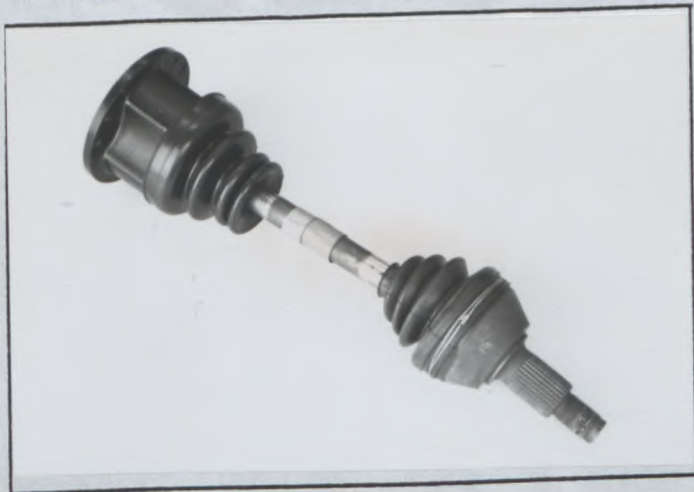


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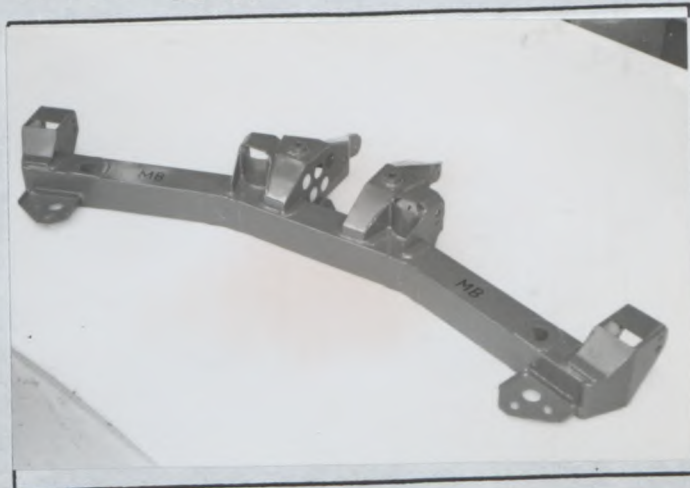


PHOTO No 94-21



PHOTO No 94-22

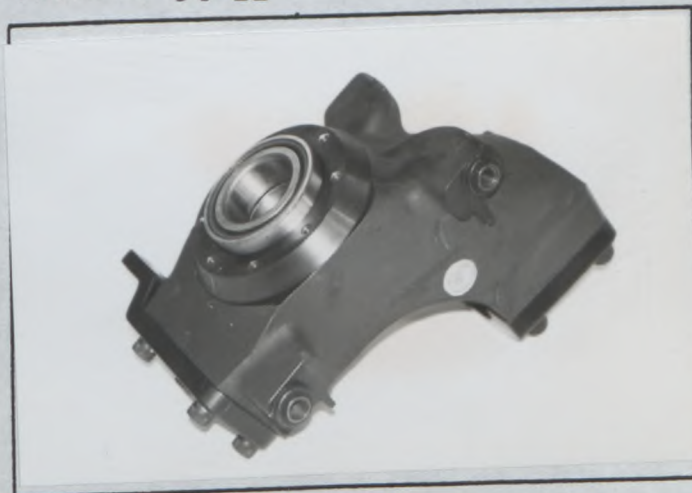


PHOTO No 94-23



PHOTO No 94-24



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
75008 PARIS

Marque FORD
Make

Modèle ESCORT RS COSWORTH
Model

Homologation No

A 5466

Extension No

10/06 VO

PHOTO No 94-25



PHOTO No 94-26



PHOTO No 94-27

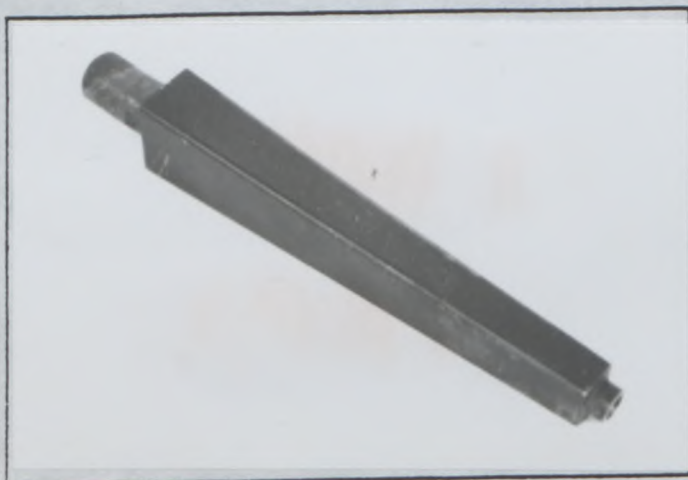


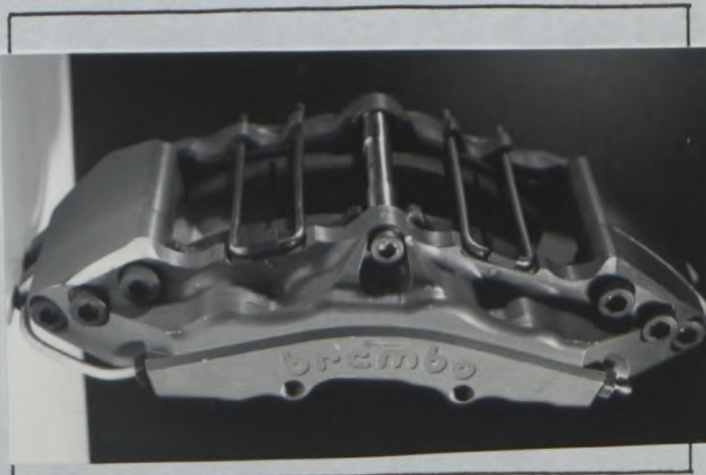
PHOTO No 94-28



PHOTO No 94-29



PHOTO No 94-30



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

10/06 VO

PHOTO No 94-31

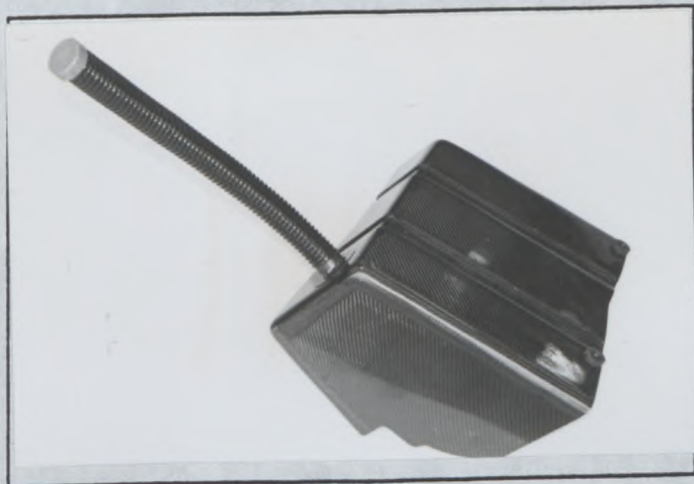


PHOTO No 94-32



PHOTO No 94-33

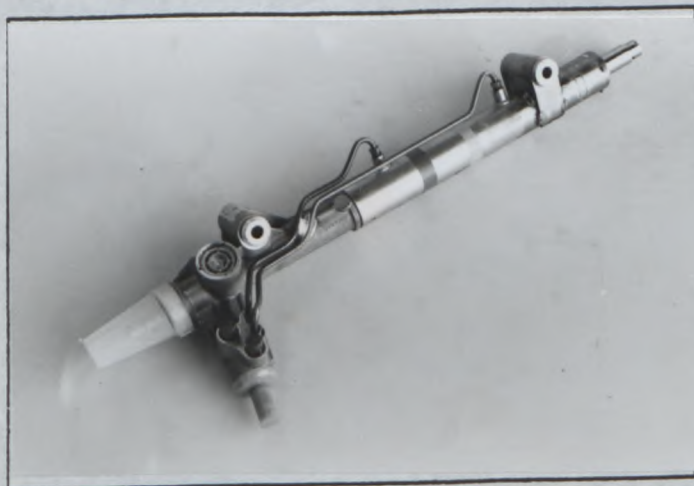


PHOTO No 94-34

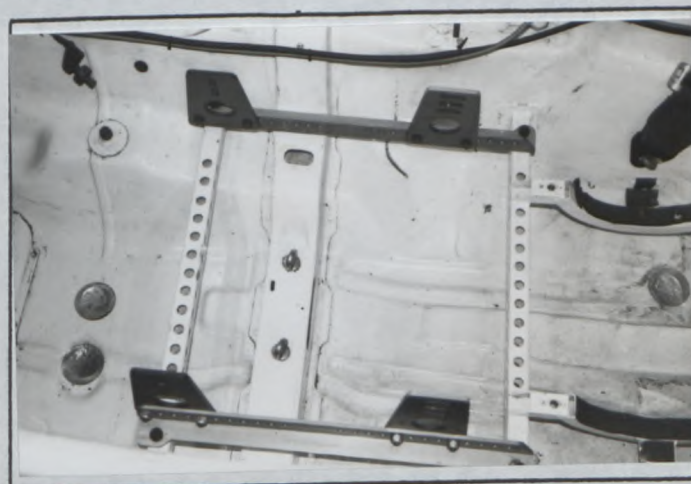
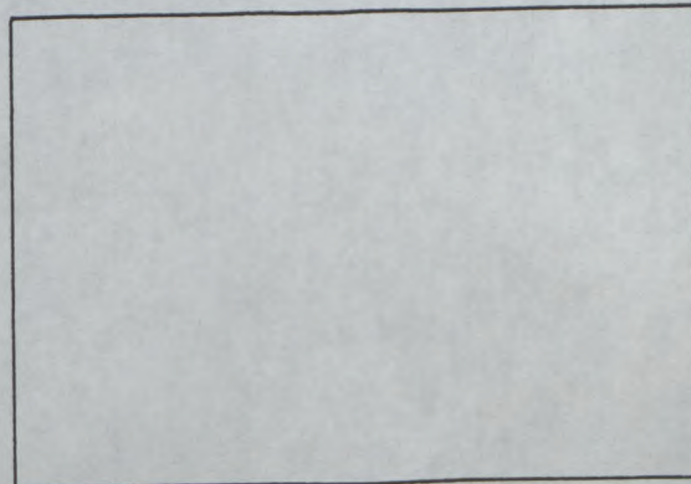


PHOTO No 94-35



PHOTO No 94-36



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
75008 PARIS



FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation No

A 5466Groupe
Group**A**

Extension No

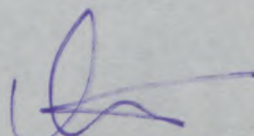
11/07 VO

FICHE D'EXTENSION D'HOMOLOGATION FORM OF HOMOLOGATION EXTENSION

- ☐ **ES** Evolution sportive du type / Sporting evolution of the type
 ☒ **VO** Variante option / Option variant
☐ **ET** Evolution normale du type / Normal evolution of the type
 ☐ **ER** Erratum / Erratum
☐ **VF** Variante de fourniture / Supply variant

 Véhicule: Constructeur
 Vehicle: Manufactureur
FORD
 Modèle et type
 Model and type
ESCORT RS COSWORTH
 Homologation valable à partir du
 Homologation valid as from
1 JULY 1994

Page ou ext. Page or ext.	Article Article	Description Description
14	606	Front drive shaft assembly. Photo 94 - 37
15	701	Strut top mount, for alternative shock absorber Photo 94 - 38
15	701	Track control arm, light alloy, to be used with heavy duty knuckle Photo 94 - 39
15	701	Compression strut for front suspension, replaces combined rollbar and link from standard car Photo 94 - 40


**FEDERATION INTERNATIONALE
DE L'AUTOMOBILE**
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Page _____

Marque
Make

FORD

Modele
Model

ESCORT R S COSWORTH

No Homol A 5466

No Ext. **11/07 VO**

Page ou Ext. Page or Ext.	Art Art	Description Description
15	701	Steering arm, for revised suspension geometry, retains same steering ratio Photo 94 - 41
15	707	Suspension travel limiter, revised brackets for body fixing, front Photo 94 - 42 rear Photo 94 - 43 Alternative front system Photo 94 - 44 Alternative rear system Photo 94 - 45
17	803	Handbrake assembly, with combined possibility for differential and brake control Photo 94 - 46 Revised version of Photo 94 - 9 Photo 94 - 47

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
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Page _____

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No.

A 5466

Extension No

11/07 V0

PHOTO No 94 - 37

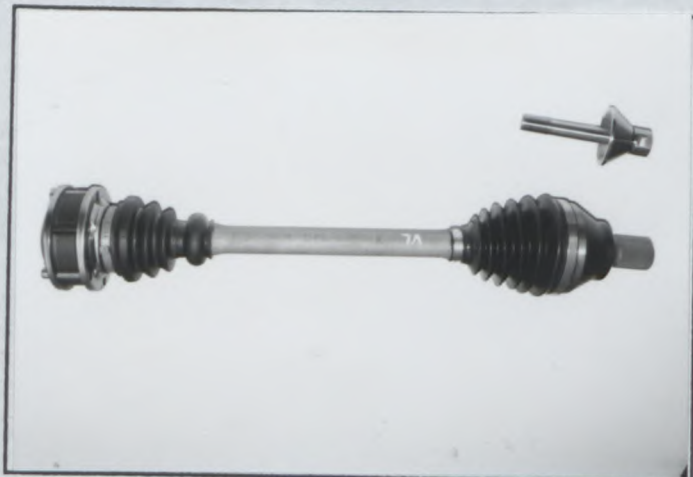


PHOTO No 94 - 38



PHOTO No 94 - 39



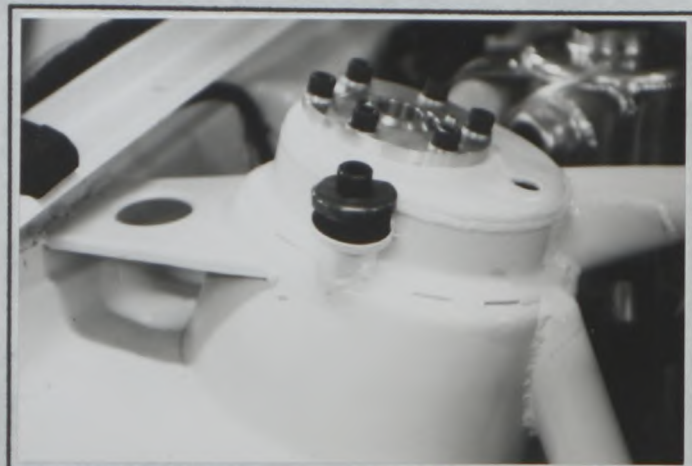
PHOTO No 94 - 40



PHOTO No 94 - 41



PHOTO No 94 - 42



FEDERATION INTERNATIONALE
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Marque
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Modèle
Model

ESCORT RS COSWORTH

Homologation No.

A 5466

Extension No

11/07 VO

PHOTO No 94 - 43



PHOTO No 94 - 44

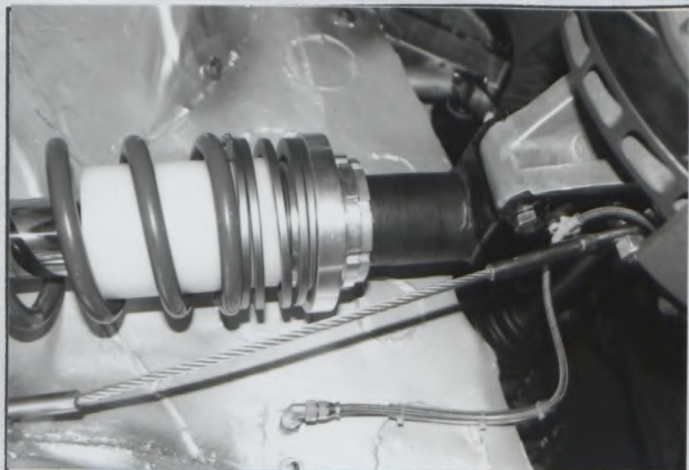


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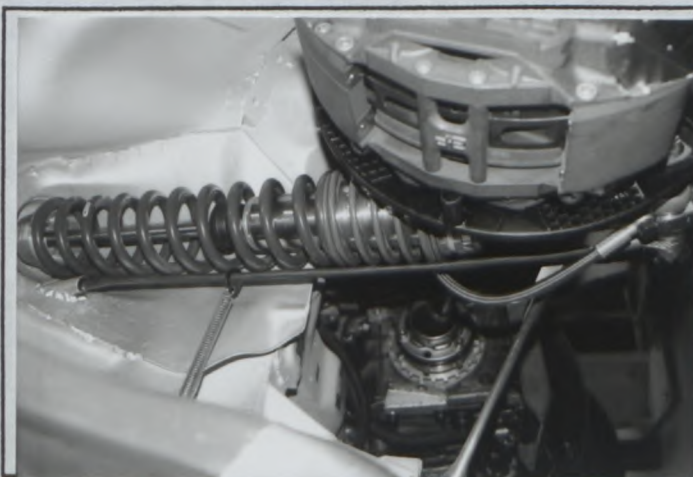


PHOTO No 94 - 46

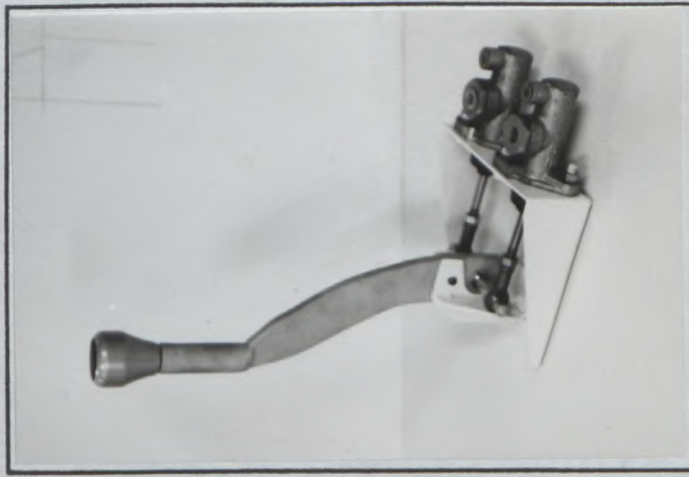


PHOTO No 94 - 47

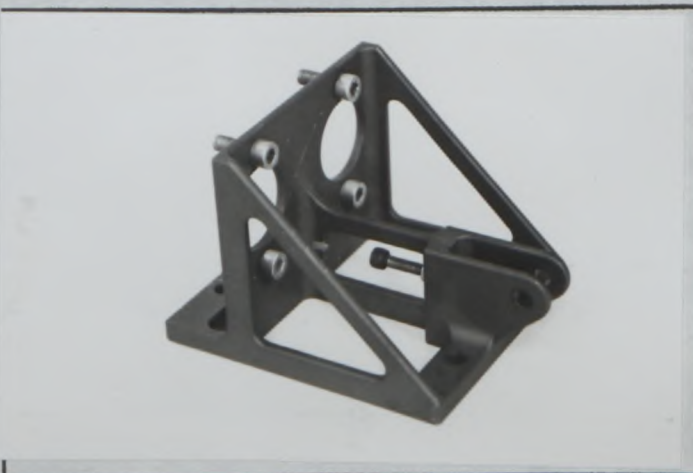
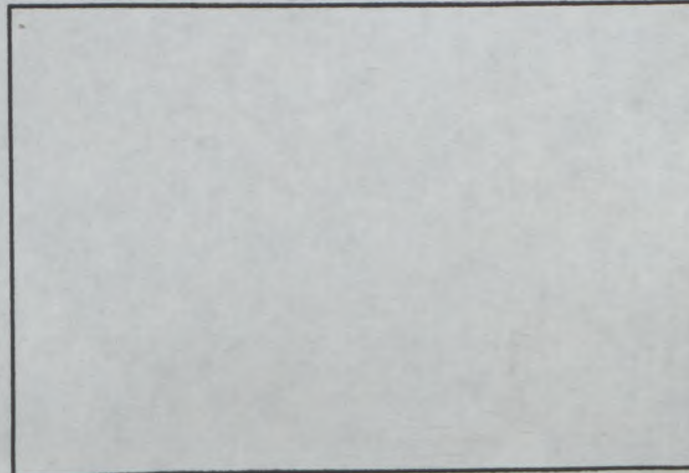


PHOTO No 94 - 48



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

12/08V0

PHOTO No 94-50



PHOTO No 94-51



PHOTO No 94-52



PHOTO No 94-53



PHOTO No 94-54

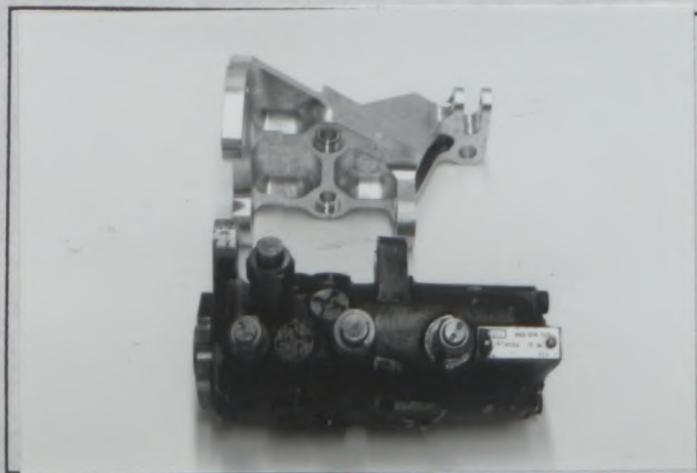


PHOTO No 94-55



**FEDERATION INTERNATIONALE
DE L'AUTOMOBILE**
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75008 PARIS

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

12/08V0

PHOTO No **94-56**

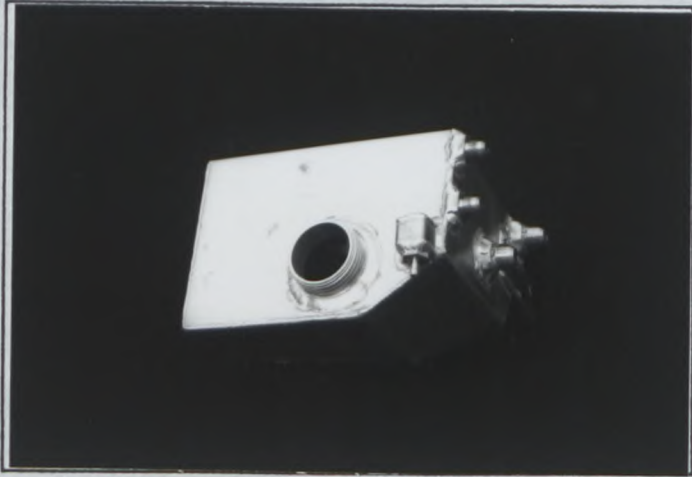


PHOTO No **94-57**

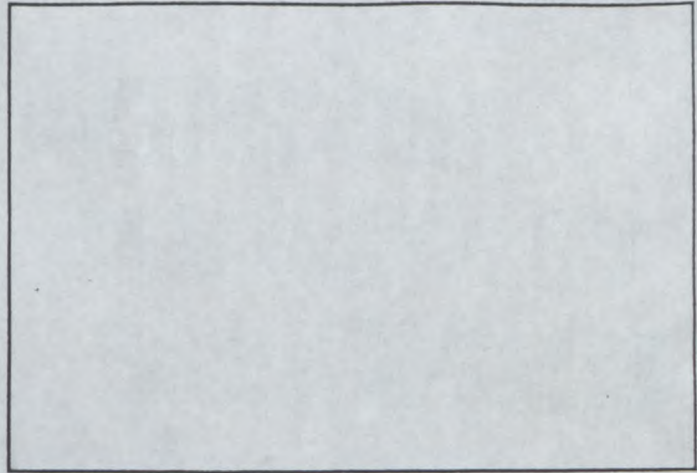


PHOTO No

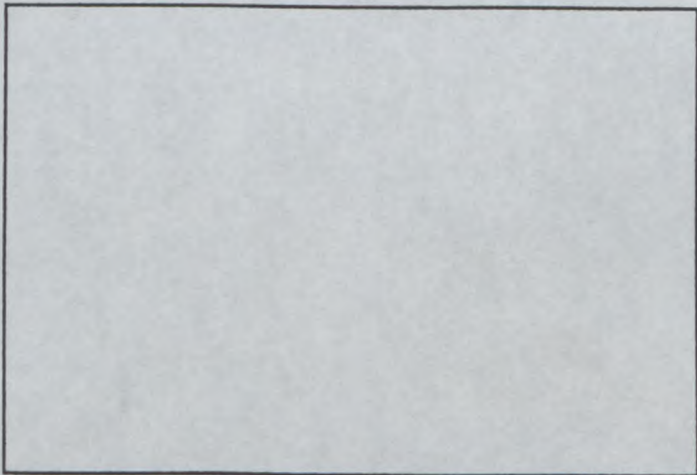


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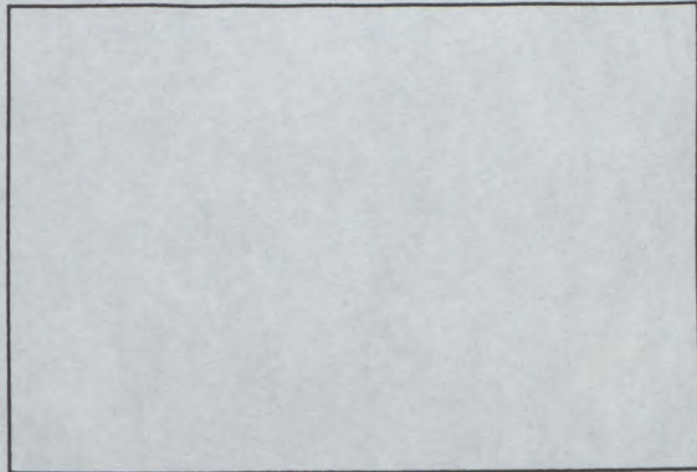


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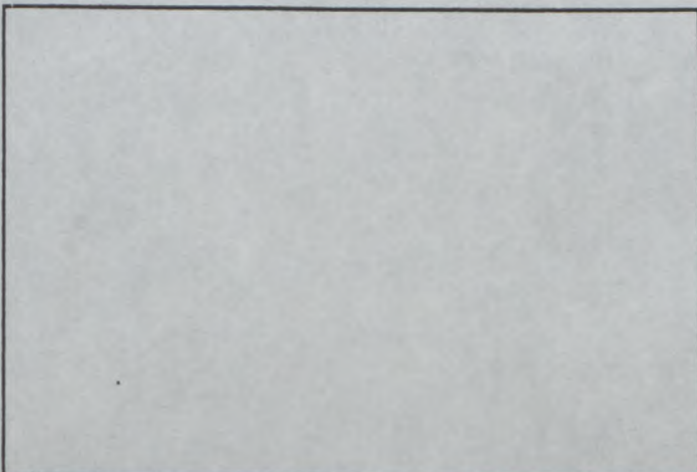
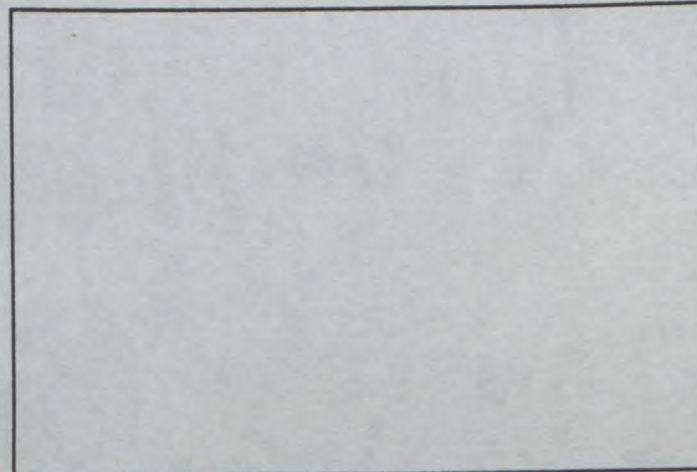


PHOTO No



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8, Place de la Concorde, 8
75008 PARIS



FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A 5466

Groupe
Group

A

Extension No

13/09 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type ☒ VO Variante option / Option variant
☐ ET Evolution normale du type / Normal evolution of the type ☐ ER Erratum / Erratum
☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JANUARY 1995

Page ou ext. Page or ext.	Article Article	Description Description
15	701	Front upright assembly (Knuckle), front suspension, interchangeable as an assembly with standard components, incorporating revised high capacity bearings. Caliper mounting boss variable depending on disc and caliper used. Material may be Aluminium or Magnesium alloy. Type 95/1 Photo 95 - 01 Type 95/2 Photo 95 - 02
15	701	Revised rear suspension assembly, complete with cast main arm (aluminium or Magnesium alloy) and uprated bearings and wheel flange assembly. Photo 95 - 03
16	802	Wheel mounting flanges, with alternative interior spline for front and rear axle assembly and spigot diameter to suit bearing used. Type 95/1 Photo 95 - 04 Type 95/2 Photo 95 - 05

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE
8, Place de la Concorde, 8
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Page _____

Marque

Make

FORD

Modele

Model

ESCORT RS COSWORTHNo Homol A 5466No Ext. **13/09 VO**

Page ou Ext. Page or Ext.	Art Art	Description Description
16	803	Alternative brake caliper (front and/or rear) Calipers identical except for internal machining, mounting boss position, and pad retention by clip or bolt. Unit contains internal liquid cooling passages. Supplier: Ford/A.P. Racing Photo 95 - 06
	803e	N° of cylinders 4
	803e1	Cylinder Bore mm From 28 to 45
	803g1	N° of pads 2
	803g2	N° of calipers 1
	803g3	Caliper Material Alloy
	803g8	Pad length mm From 110 to 140
		(N.B. If these calipers are used on the axle with a hand brake, then a second hand brake caliper may be required)

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

13/09V0

PHOTO No 95-01



PHOTO No 95-02

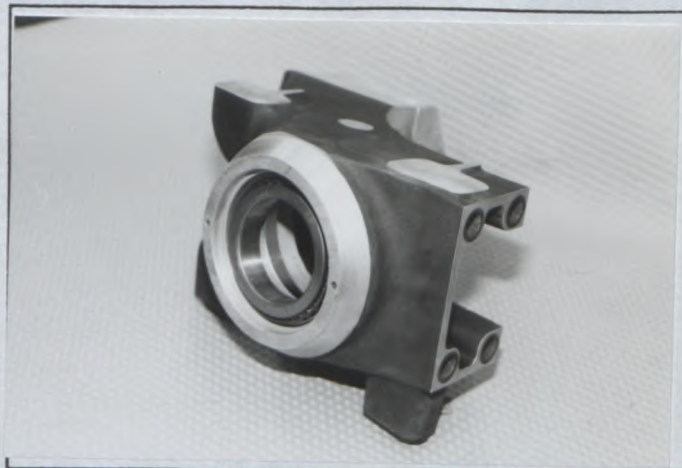


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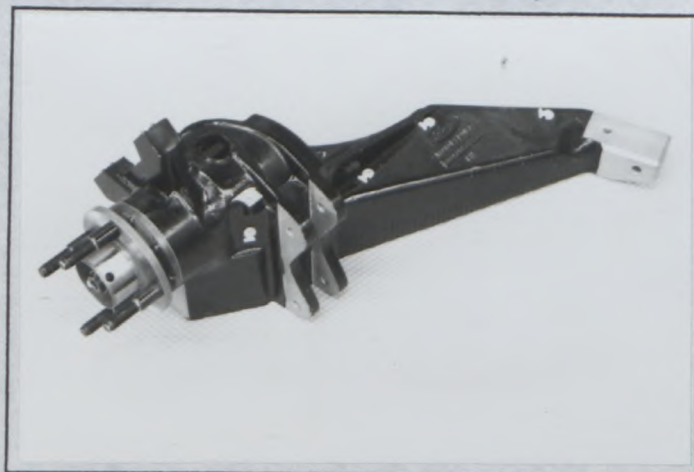


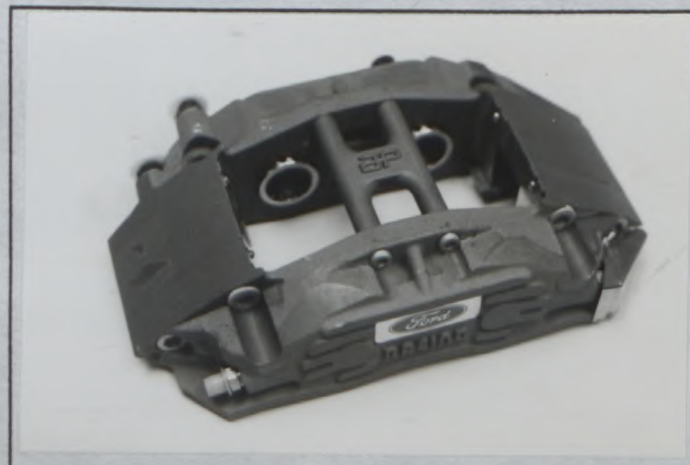
PHOTO No 95-04



PHOTO No 95-05



PHOTO No 94-06



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DE L'AUTOMOBILE
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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation No

A - 5466

Groupe
Group A

Extension No

14/10 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the ☒ VO Variante option / Option variant
- ☐ ET Evolution normale du type / Normal evolution of the ☐ ER Erratum / Erratum
- ☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from 1 APRIL 1995

Page ou ext. Page or ext.	Article Article	Description Description																											
13	103	Alternative gear ratio's for existing additional gear box; for H-pattern or sequential change. <table><tr><td>Gear</td><td>Ratio</td><td>Teeth</td></tr><tr><td>1</td><td>1.800</td><td>15/27</td></tr><tr><td>2</td><td>1.263</td><td>19/24</td></tr><tr><td>3</td><td>0.955</td><td>22/21</td></tr><tr><td>4</td><td>0.783</td><td>23/18</td></tr><tr><td>5</td><td>0.667</td><td>24/16</td></tr><tr><td>6</td><td>0.583</td><td>24/14</td></tr><tr><td>Rev</td><td>2.143</td><td>30/21/14</td></tr><tr><td>Const.</td><td>-</td><td>-</td></tr></table>	Gear	Ratio	Teeth	1	1.800	15/27	2	1.263	19/24	3	0.955	22/21	4	0.783	23/18	5	0.667	24/16	6	0.583	24/14	Rev	2.143	30/21/14	Const.	-	-
Gear	Ratio	Teeth																											
1	1.800	15/27																											
2	1.263	19/24																											
3	0.955	22/21																											
4	0.783	23/18																											
5	0.667	24/16																											
6	0.583	24/14																											
Rev	2.143	30/21/14																											
Const.	-	-																											
13	103	External counter and sensor bracket for transmission control Photo 95 - 7																											

Fédération Internationale
de l'Automobile (Sport)

Château de la Concorde
75000 PARIS

Tél. : 42.00.00.51 - Fax : 47.42.87.31

SIRET : 784 354 100 00000 - APE 842 0

Page _____

Marque
Make FORD Modele
Model ESCORT RS COSWORTH

No Homol A 5466

No Ext. **14/10 VO**

Page ou Ext. Page or Ext.	Art Art	Description Description
12	602	Alternative hydraulic clutch release mechanism with controlled servo assistance. Photo 95 - 8
14	604	Control equipment for variable function limited slip differentials. Electronics may be housed in one or more modules. Photo 95 - 9
15	701	Front upright assembly (Knuckle), front suspension, interchangeable as an assembly with standard components, incorporating revised high capacity bearings. Caliper mounting boss variable depending on disc and caliper used. Material may be Aluminium or Magnesium alloy type 95/3 Photo 95 - 10 with alternative bearing type 95/4 Photo 95 - 11
15	701	Revised rear suspension arm. Incorporating large capacity bearings. Material can be Aluminium or Magnesium alloy, complete with upper dirt protection plate. Photo 95 - 12
15	701	Steering arm, produces same ratio as standard Type RAS 29 Photo 95 - 13
15	705	Additional rear suspension bump stop assembly, external from rear damper Photo 95 - 14
16	803	Brake caliper bell (disc to hub connector), thickness, diameter, and offset variable to suit disc used Photo 95 - 15
17	803	Water tank for Brake and/or Damper cooling and/or Engine injection spray , Max volume of tank = 14 Litres Photo 95 - 16 Max volume of tank = 26 Litres Photo 95 - 17

**Fédération Internationale
de l'Automobile (Sport)**

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92000 PARIS

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Page _____

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

14/10 VO

PHOTO No 95-7

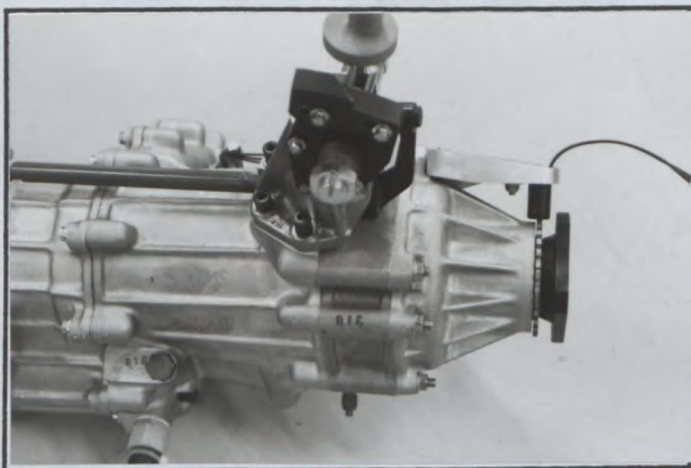


PHOTO No 95-8

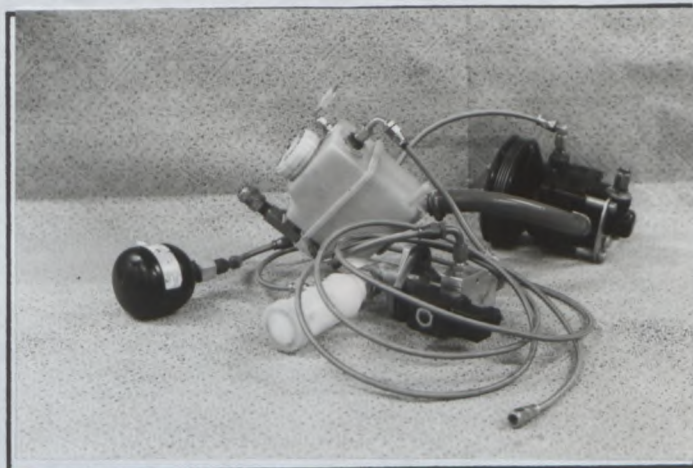


PHOTO No 95-9

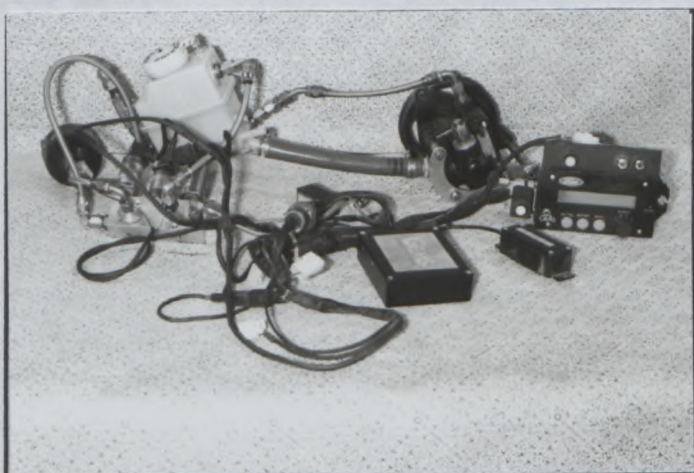


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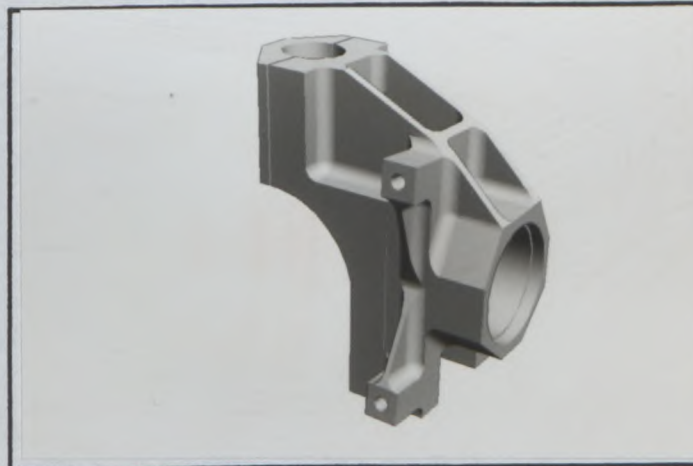


PHOTO No 95-11

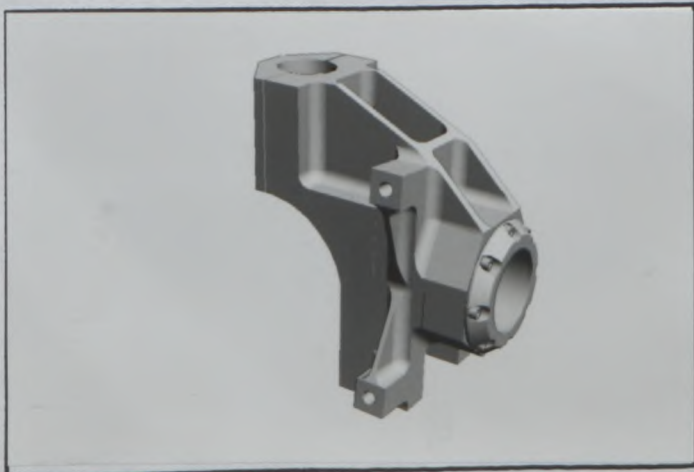


PHOTO No 95-12



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75008 PARIS

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Marque FORD
Make

Modèle ESCORT RS COSWORTH
Model

Homologation No

A 5466

Extension No

14/10 VO

PHOTO No 95-13

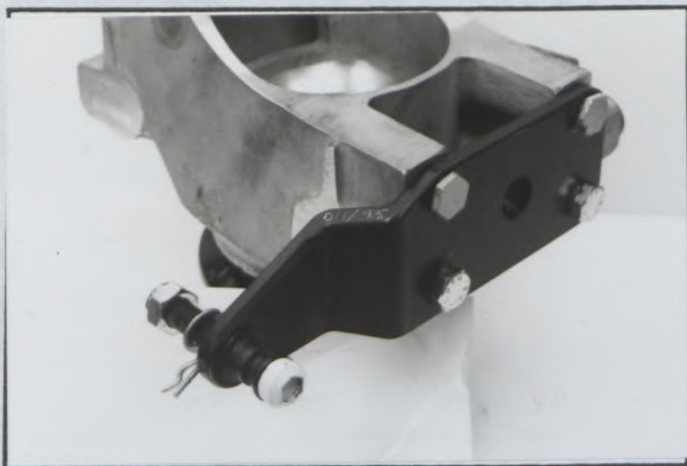


PHOTO No 95-14

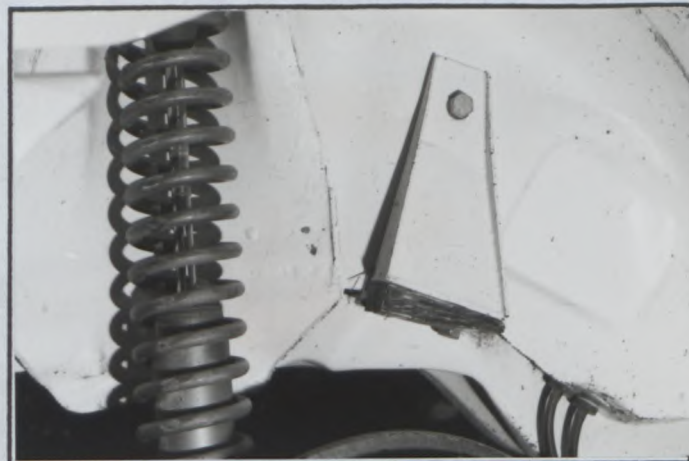


PHOTO No 95-15



PHOTO No 95-16

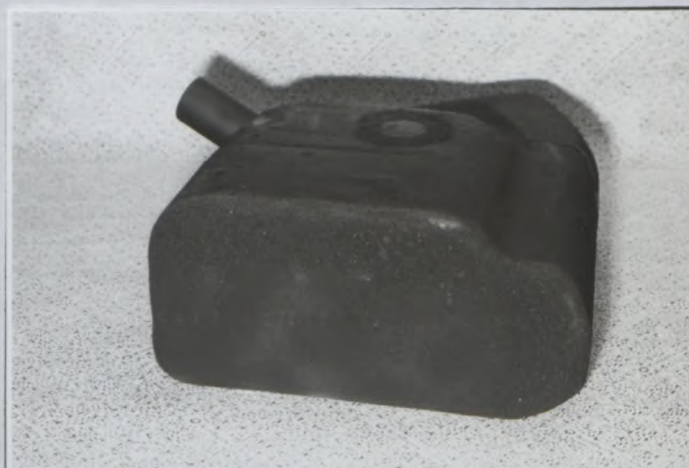
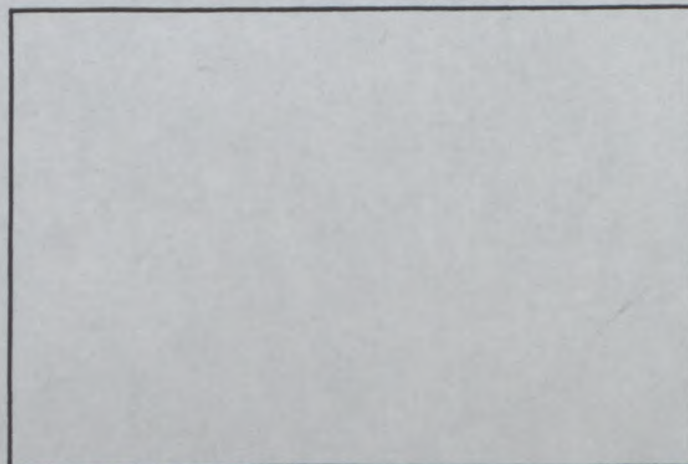


PHOTO No 95-17



PHOTO No



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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation No

A-5466

Groupe
Group

A/B/N/T1/~~Supertourisme~~
~~Supertouring~~

Extension No

15/11V0

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the
- ☐ ET Evolution normale du type / Normal evolution of the
- ☐ VF Variante de fourniture / Supply variant
- ☒ VO Variante option / Option variant
- ☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 July 1995

Page ou ext. Page or ext.	Article Article	Description Description
12	602	Combined clutch and differential hydraulic servo assistance and electronic control. Electronic control modules may vary. Volume of oil tank = 1.8 litres max. Photo 95 - 18
14	605	Final drive reduction gear (built into gearbox) Ratio = 1.611 Teeth = 29:18
15	701	Front upright assembly, incorporating high capacity bearings, spindle and wheel mounting flange. Caliper mounting bosses variable depending on brake specification. Casting in Aluminium or Magnesium alloy Photo 95 - 19
15	701	Adjustable top mount for front suspension. Rotational axis remains within 20mm of production position at all times. Photo 95 - 20
17	803	Water tank for Brake and/or damper cooling type A vol = 11 litres max Photo 95 - 21 type B vol = 11 litres max Photo 95 - 22

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

15/11V0

PHOTO No 95-18



PHOTO No 95-19

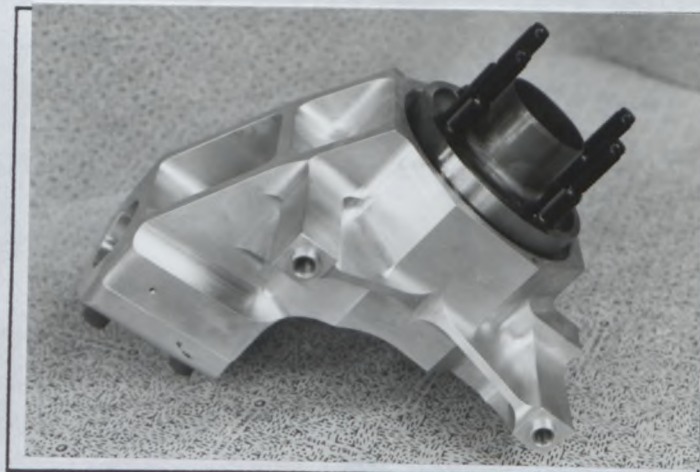


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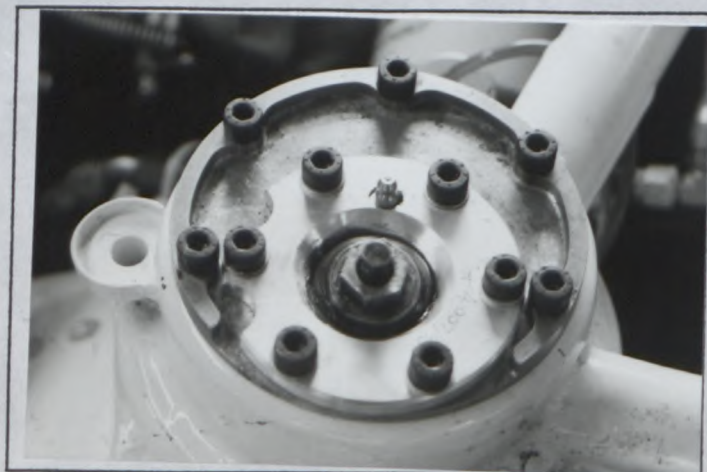


PHOTO No 95-21



PHOTO No 95-22



PHOTO No 95-23

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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation No

A 5466

Groupe
Group

A

Extension No

16 / 12 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the
- ☐ ET Evolution normale du type / Normal evolution of the
- ☐ VF Variante de fourniture / Supply variant
- ☒ VO Variante option / Option variant
- ☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 OCTOBER 1995

Page ou ext. Page or ext.	Article Article	Description Description
15	701	Front upright assembly, to incorporate high capacity bearings, spindle and wheel mounting flange. Caliper mounting bosses variable depending on brake specification. Casting in Aluminium or Magnesium alloy. May be machined to accept caliper mounting adaptor. Photo 95 - 24 Optional adaptor bracket, Brake caliper mounting to suspension upright. Photo 95 - 25
15	701	Bracket, compression strut mounting to chassis, remains within 20mm of original pivot position. May be bolted and/or welded to chassis. Photo 95 - 26
15	701	Steering arm. Photo 95 - 27
17	804	Outer steering rack joint. Photo 95 - 28

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Page

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

16 / 12 V0

PHOTO No 95 - 24



PHOTO No 95 - 25



PHOTO No 95 - 26



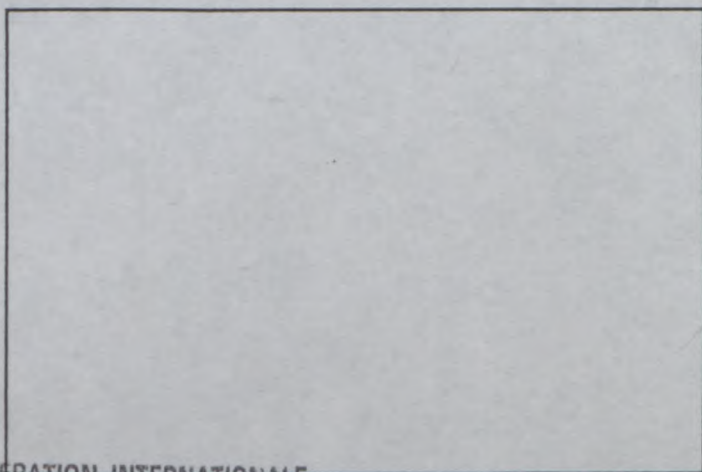
PHOTO No 95 - 27



PHOTO No 95 - 28



PHOTO No



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Services Administratifs :

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FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A 5466

Groupe
Group A

Extension No

17/13 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type ☒ VO Variante option / Option variant
- ☐ ET Evolution normale du type / Normal evolution of the type ☐ ER Erratum / Erratum
- ☐ VF Variante de fourniture / Supply variant

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 APRIL 1996

Page ou ext. Page or ext.	Article Article	Description Description
14	606	Transmission shaft, Front - one piece. Shaft length variable to suit different axles. Photo 96 - 01
15	701	Front cross member, suspension pick up points within 20mm of production position Photo 96 - 02
15	701	Rear suspension crossmember, attached to chassis in same position as standard unit. Suspension pick up points within 20mm of production position Photo 96 - 03
15	701	Rear suspension arm, high capacity bearing package and wheel drive assy. Arm Bearing package Photo 96 - 04 Photo 96 - 05

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Services Administratifs:

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Page

Marque
Make

FORD

Modele
Model

ESCORT RS COSWORTH

No Homol A 5466

No Ext. **17/13 VO**

Page ou Ext. Page or Ext.	Art Art	Description Description
17	803	Water tank reservoir for Brake and/or Damper and/or Engine injection system. Volume of Both tanks = 20 litres Photo 96 - 06 Photo 96 - 07
17	804	Hydraulic pump for power steering and/or other high pressure hydraulic requirements Photo 96 - 08 Remote accumulator and control valves for hydraulic equipment Photo 96 - 09 & 10
17	804	Reservoir for hydraulic pump, max total volume = 2.1 Litres. Photo 96 - 11

**FEDERATION INTERNATIONALE
DE L'AUTOMOBILE**

8, place de la Concorde, 75008 Paris

Services Administratifs : Page _____

8 bis, rue Boissy d'Anglas, 75008 Paris

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

17/13 V0

PHOTO No 96-01



PHOTO No 96-02

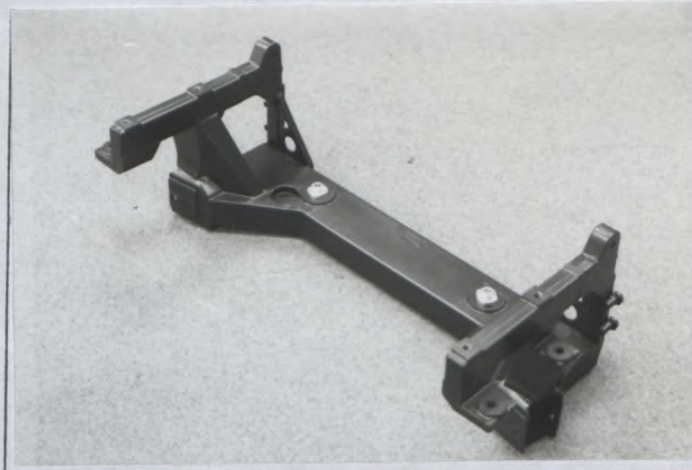


PHOTO No 96-03

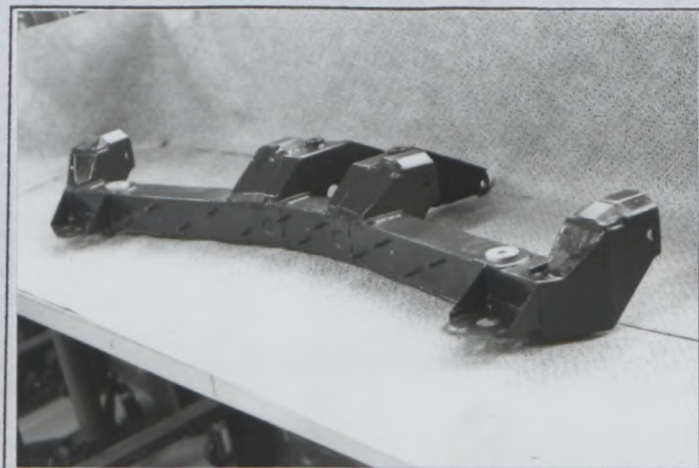


PHOTO No 96-04



PHOTO No 96-05



PHOTO No 96-06



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

17/13 VO

PHOTO No 96-07

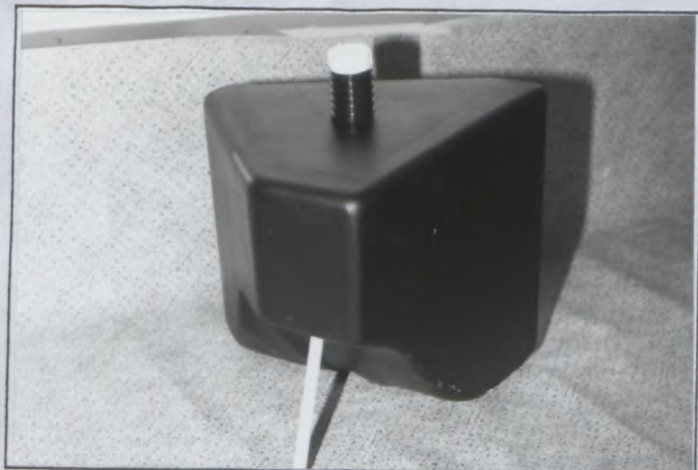


PHOTO No 96-08

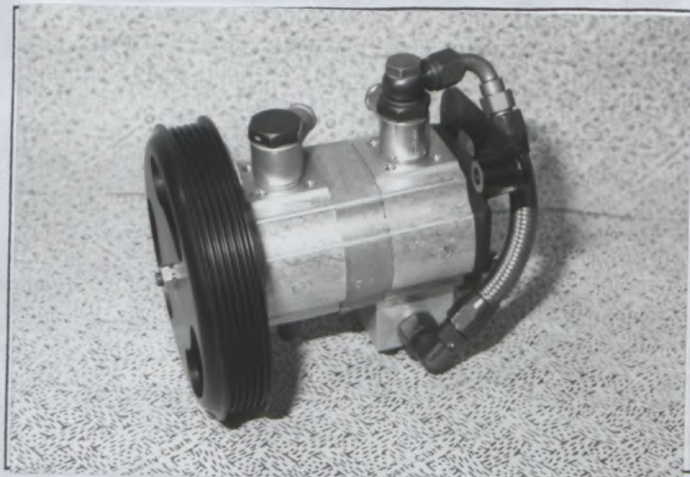


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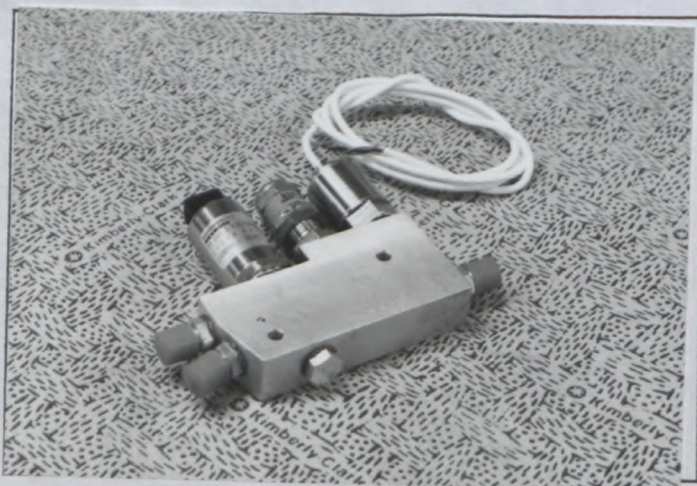


PHOTO No 96-10

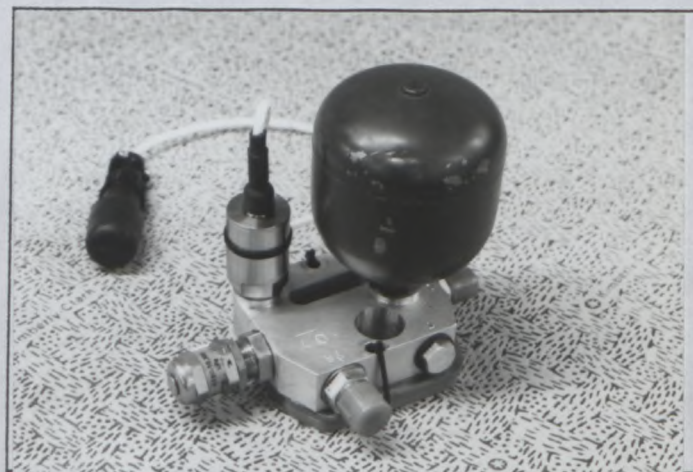
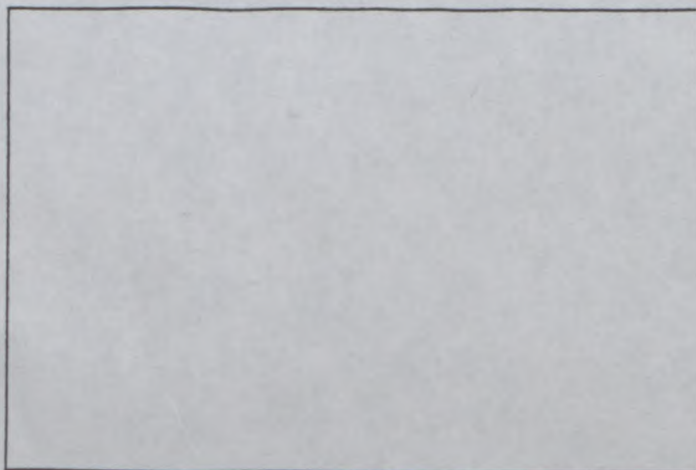


PHOTO No 96-11



PHOTO No 96-12



**FEDERATION INTERNATIONALE
DE L'AUTOMOBILE**

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FEDERATION INTERNATIONALE
DU SPORT AUTOMOBILE

Homologation No

A 5466

Groupe
Group A

Extension No

18 / 14 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the type
☐ ET Evolution normale du type / Normal evolution of the type
☐ VF Variante de fourniture / Supply variant
☒ VO Variante option / Option variant
☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JULY 1996

Page ou ext. Page or ext.	Article Article	Description Description
12	603	Revised opening in chassis for gearchange lever Photo 96 - 12
14	605	Front differential unit, with ability to contain active differential. Photo 96 - 13
14	606	Drive shaft assembly, front axle, shaft length variable to accomodate alternative suspension Photo 96 - 14
15	701	Front upright assembly, front suspension, to incorporate heavy duty bearings, and axle shaft components. Caliper mounting boss variable depending on caliper and disc size used. Photo 96 - 15

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Services Administratifs :
8 bis, rue Boissy d'Anglas, 75008 Paris

Page _____

Marque
Make

FORD

Modele

Model ESCORT RS COSWORTH

No Homol A 5466

No Ext. **18 / 14 VO**

Page ou Ext. Page or Ext.	Art Art	Description Description
15	701	Steering arm, produces same ratio as standard. Photo 96 - 16
18	901	Seat supports Photo 96 - 17
18	901	Seat belt anchorage tube. Can be used on Drivers and Co-drivers side. Photo 96 - 18

**FEDERATION INTERNATIONALE
DE L'AUTOMOBILE**

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Services Administratifs :

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Page _____

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A 5466

Extension No

18 / 14 V0

PHOTO No 96 - 12



PHOTO No 96 - 13

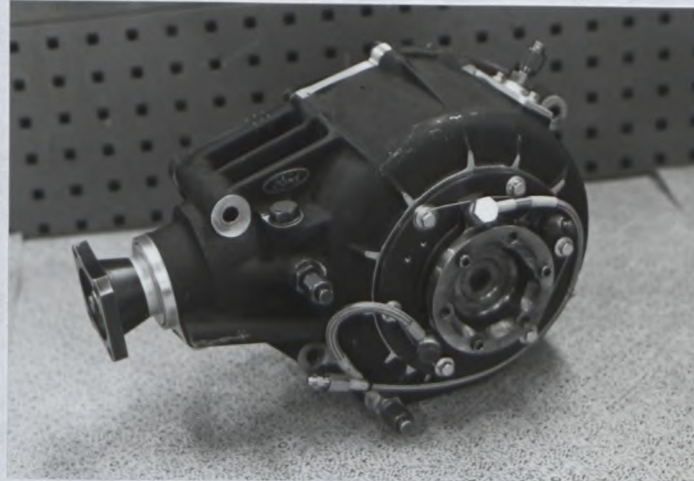


PHOTO No 96 - 14



PHOTO No 96 - 15



PHOTO No 96 - 16



PHOTO No 96 - 17



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Marque FORD
Make

Modèle ESCORT RS COSWORTH
Model

Homologation No
A 5466

Extension No
18 / 14 VO

PHOTO No 96 - 18

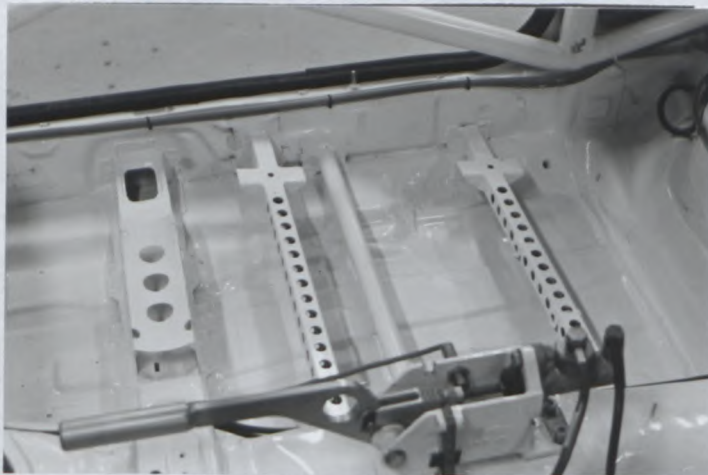


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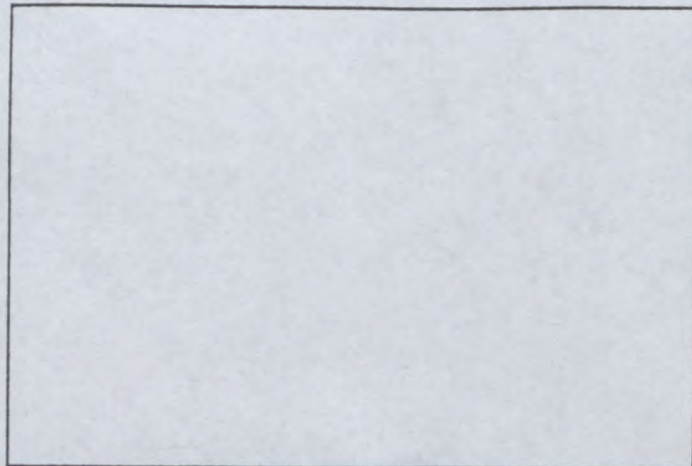


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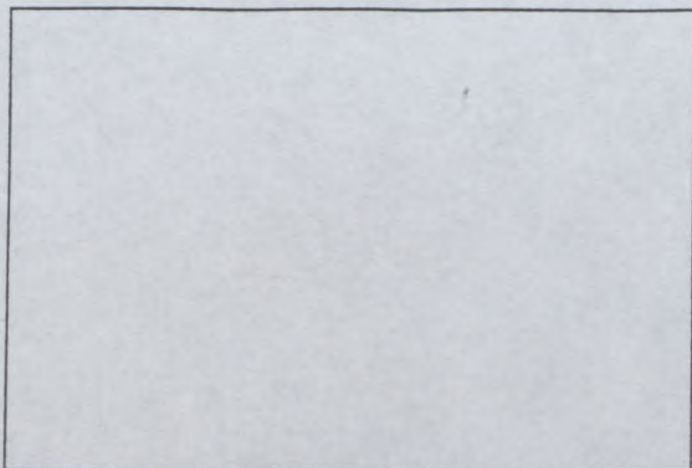


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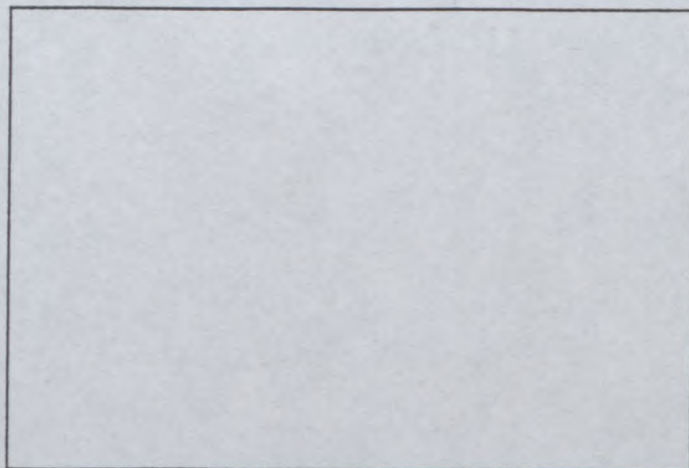


PHOTO No

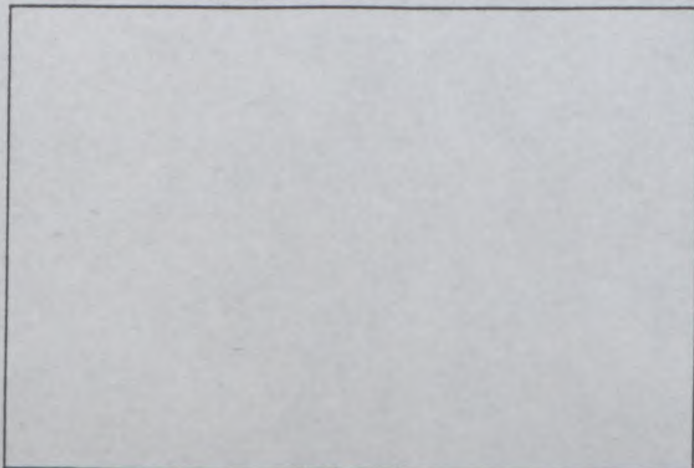
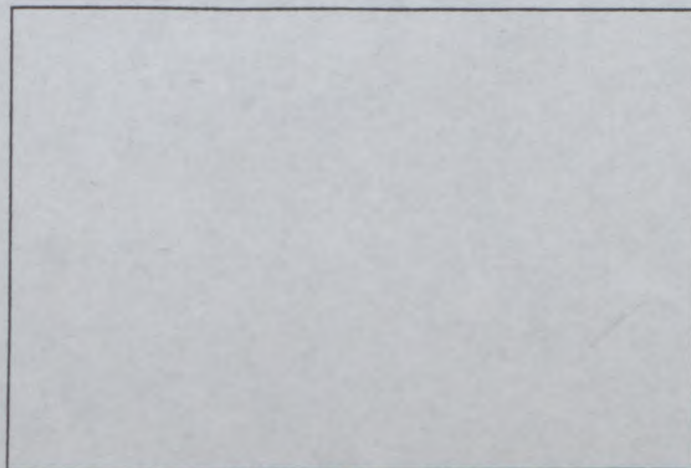


PHOTO No



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Services Administratifs :

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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation No

A5466

Groupe
Group

A

Extension No

19/15 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the
- ☐ ET Evolution normale du type / Normal evolution of the
- ☐ VF Variante de fourniture / Supply variant
- ☒ VO Variante option / Option variant
- ☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 OCTOBER 1996

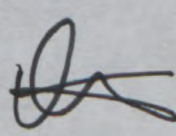
Page ou ext. Page or ext.	Article Article	Description Description
15	701	Rear suspension crossmember, attached to main chassis in same position as standard unit. Suspension pick up points within 20mm of production car Photo 96 - 19
16	803	Alternative brake caliper (front and/or rear). Calipers identical except for internal machining, and mounting boss position. Supplier: Brembo Photo 96 - 20
	803e	N° of cylinders 4
	803e1	Cylinder bore mm 28 to 52
	803g1	N° of pads 2
	803g2	N° of calipers 1
	803g3	Caliper material alloy
	803g8	Pad length ± 1.5 mm 85 to 150 (N.B. If this caliper is used on the axle with a hand brake, then a second hand brake caliper may be required)
	803	Adaptor for mounting caliper to none radial mount wheel upright assembly. May incorporate a spacer to suit all disc diameters homologated. Photo 96 - 21
18	901	Seat supports. variation on main seat support, and illustrates the optional fore and aft adjustment rails used as required. Photo 96 - 22 & 23

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

8, place de la Concorde, 75008 Paris

Services Administratifs :

8 bis, rue Boissy d'Anglas, 75008 Paris

Page 

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A5466

Extension No

19 / 15 V0

PHOTO No 96 - 19

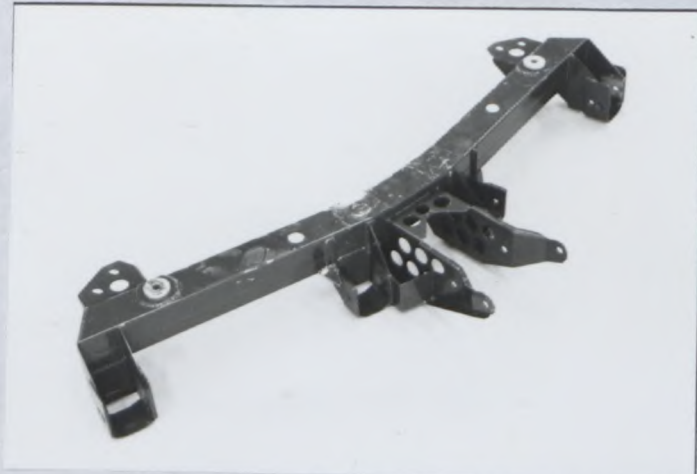


PHOTO No 96 - 20



PHOTO No 96 - 21



PHOTO No 96 - 22

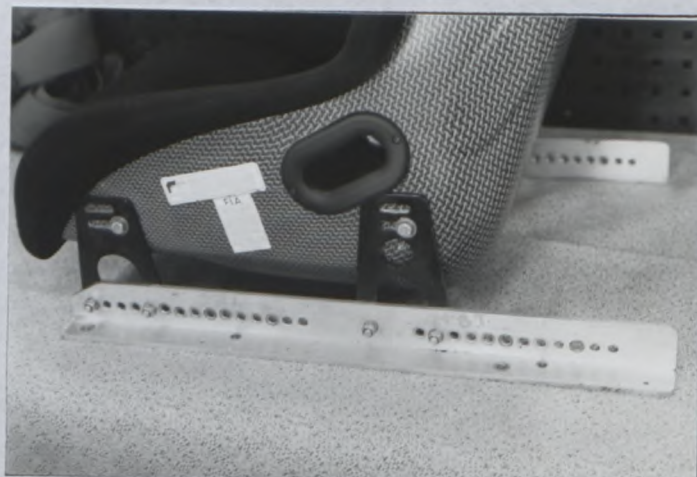


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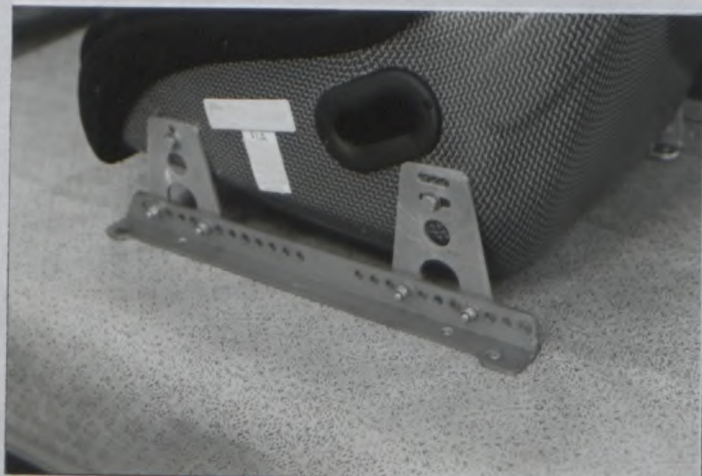
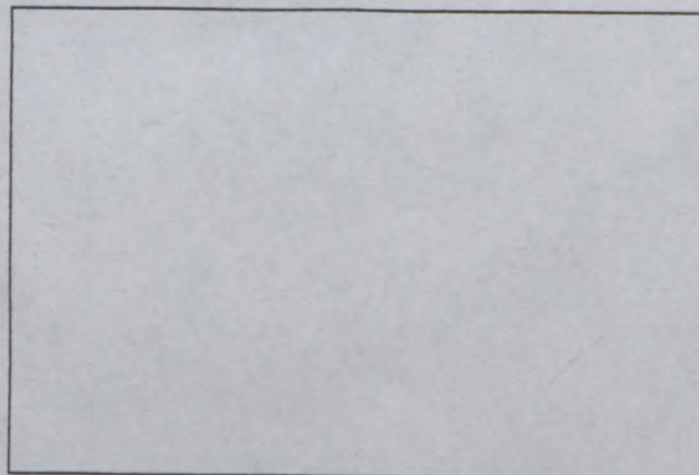


PHOTO No 19 - 24



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DE L'AUTOMOBILE**

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FEDERATION INTERNATIONALE
DE L' AUTOMOBILE

Homologation No

A-5466

Groupe A
Group

Extension No

20/01WR

FICHE D'EXTENSION D'HOMOLOGATION
FORM FOR HOMOLOGATION EXTENSION

☒ WR Variante "World Rally Car" / World Rally Car Variant

Homologation valable à partir du
Homologation valid as from

01 JAN. 1997

A) Voiture vue de 3/4 avant
Car seen from 3/4 front



B) Voiture vue de 3/4 arrière
Car seen from 3/4 rear



1. GENERALITES / GENERAL

102. Dénomination(s) commerciale(s) - Modèle et type
Commercial name(s) - Model and type ESCORT

103. Cylindrée 1973.4 cm3
Cylinder capacity

2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHT

203. Largeur hors-tout 1770 mm MAX.
Overall width

Endroit de mesure At all locations (excluding wheel/tyres and exterior wing mirrors)
Where measured

204. Largeur de carrosserie a) A la hauteur de l'axe avant 1770 mm MAX.
Width of bodywork At front axle
b) A la hauteur de l'axe arrière 1770 mm MAX.
At rear axle

Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

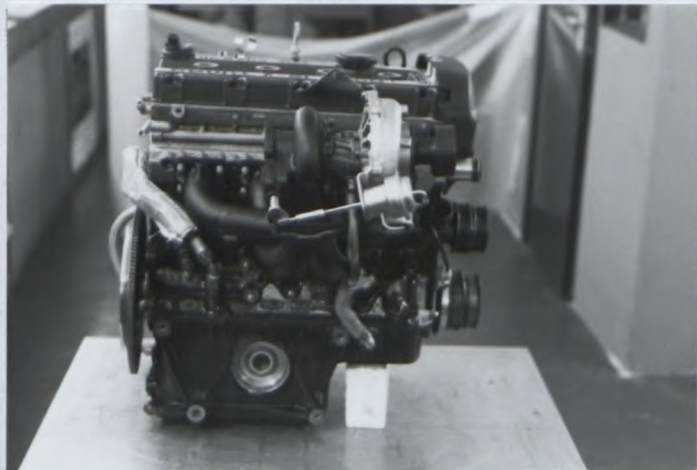
A-5466

Extension No

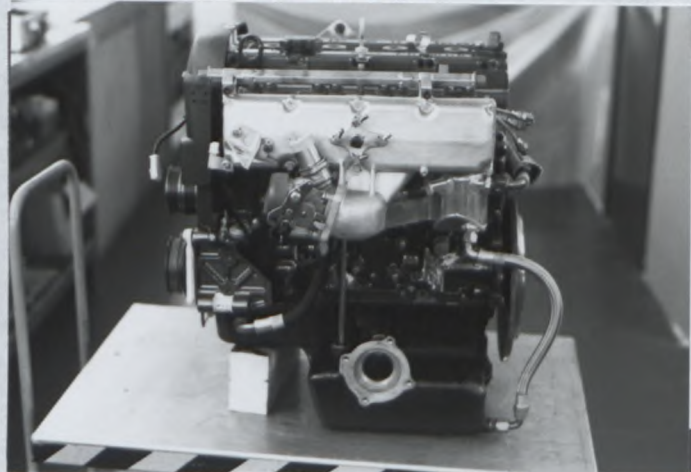
20/01WR

3. MOTEUR / ENGINE

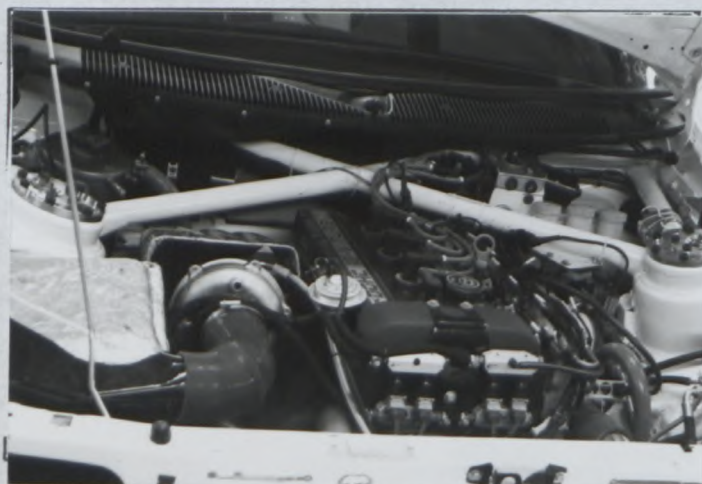
- C) Profil droit du moteur déposé
Right hand view of dismounted engine



- D) Profil gauche du moteur déposé
Left hand view of dismounted engine



- E) Moteur dans son compartiment
Engine in its compartment



334. Suralimentation Turbocharging

- a) Marque et type du turbocompresseur
Make and type of the turbocharger

IHI RX6 E2

- b) Carter de turbine :
Turbine housing :

- b1) Nombre d'entrées des gaz d'échappement
Number of exhaust gas entries

1

- b2) Matériau
Material

NICKLE/FERROUS ALLOY

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DE L'AUTOMOBILE

8, place de la Concorde, 75008 Paris

Services Administratifs :

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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

20/01WR

c) Roue de turbine :
Turbine wheel :

c1) Matériau
Material

HIGH TEMP NICKLE FERROUS ALLOY

c2) Nombre d'aubes
Number of blades

11

c3) Hauteur(s) des aubes
Height(s) of blades

17.1

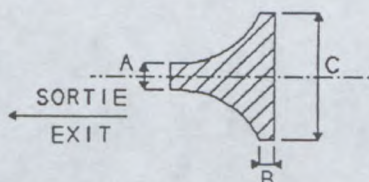
+/- 0.5 mm

c4) Cotes A, B, C, selon le schéma suivant
Dimensions A, B, C, according to the following sketch

A = 52.4 +/- 0.4 mm

B = 9.7 +/- 0.5 mm

C = 62.0 +/- 0.3 mm



d) Carter de compression :
Impeller housing :

d1) Nombre d'entrées d'air (mélange)
Number of air entries (gas)

1

d2) Matériau
Material

ALUMINIUM ALLOY

e) Roue de compression :
Impeller wheel :

e1) Matériau
Material

ALUMINIUM ALLOY

e2) Nombre d'aubes
Number of blades

12

e3) Hauteur(s) des aubes
Height(s) of blades

13.5

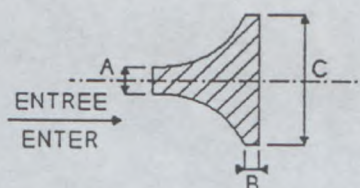
+/- 0.5 mm

e4) Cotes A, B, C, selon le schéma suivant
Dimensions A, B, C, according to the following sketch

A = 42.4 +/- 0.4 mm

B = 3.74 +/- 0.5 mm

C = 69.0 +/- 0.4 mm



f) Régulation de la pression :
Pressure regulation :

f1) Type de régulation de la pression :
Type of pressure adjustment:



by-pass
bypass



soupape de décharge
relief valve



autre cas
other case

f2) Type de la soupape
Type of the valve

SWING DISC VALVE

Marque FORD Modèle ESCORT RS COSWORTH
 Make _____ Model _____

Homologation No
A-5466

Extension No
20/01WR

g) Système d'échappement :
 Exhaust system :

g1) Dimensions intérieures de(s) éventuel(s) tuyau(x)
 d'échappement entre collecteur d'échappement et
 turbocompresseur
 Internal dimensions of the possible exhaust pipe(s)
 between exhaust manifold and turbocharger

N/A

h) Refroidissement de l'air d'admission :
 Cooling of intake air :

h1)

oui yes	non no
------------	-----------

h2) Système
 System



air/air
 air/air



air/eau
 air/water



simple-passe
 single-flow



double-passe
 double-flow

Capacité en eau _____ l
 Water capacity _____ l

h3) Diamètre de l'entrée d'air 54.0 ± 2mm I.D.
 Air inlet diameter

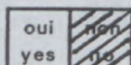
h4) Diamètre de la sortie d'air 54.0 ± 2mm I.D.
 Air outlet diameter

h5) Volume de faisceau échangeur (air/air) 9.0 dm³ MAX.
 Volume of the interchanger core (air/air)

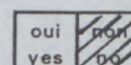
h6) Volume de faisceau pour la partie intercooler (air/eau) N/A dm³
 Volume of the interchanger core for the intercooler part(air/water)

h7) Volume de faisceau pour la partie radiateur (air/eau) N/A dm³
 Volume of the interchanger core for the radiator part(air/water)

h8) Pulvérisation d'eau sur l'intercooler
 Water spraying on the intercooler



Injection d'eau dans le collecteur
 Water injection in the manifold



Capacité totale des réservoirs 42 l
 Total capacity of tanks

E4) Système d'injection / de pulvérisation d'eau complet
 Complete water injection/spraying system

Emplacement des réservoirs _____
 Location of the tanks

Central - inside car

NB: Water injection = 11 l

Water spray to intercooler=31 l

Tank for water spray may be
 shared with Brake and/or

Damper cooling functions.



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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

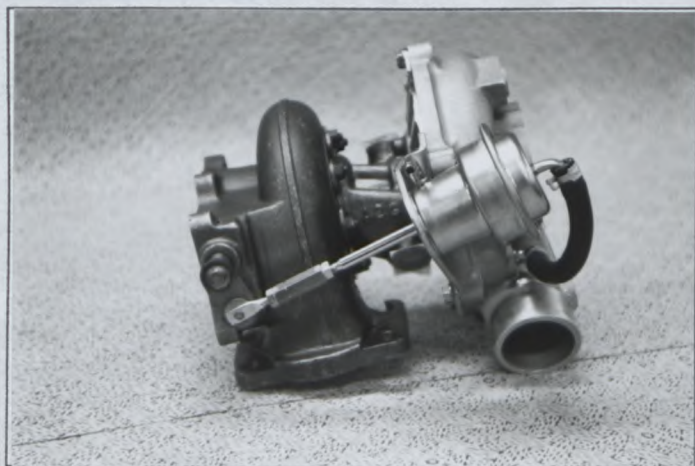
A-5466

Extension No

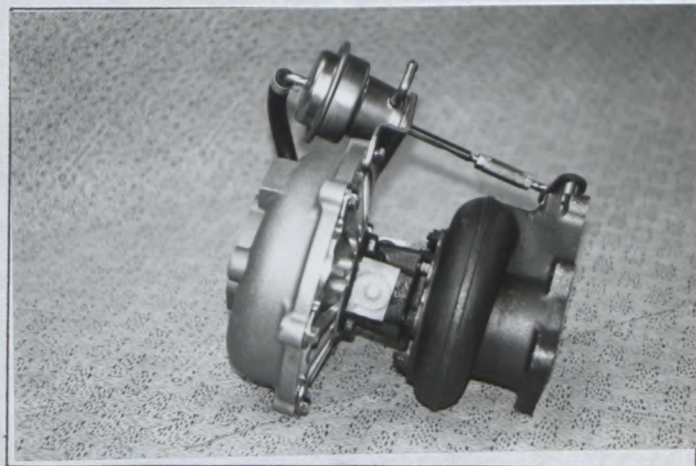
20/01WR

PHOTOS

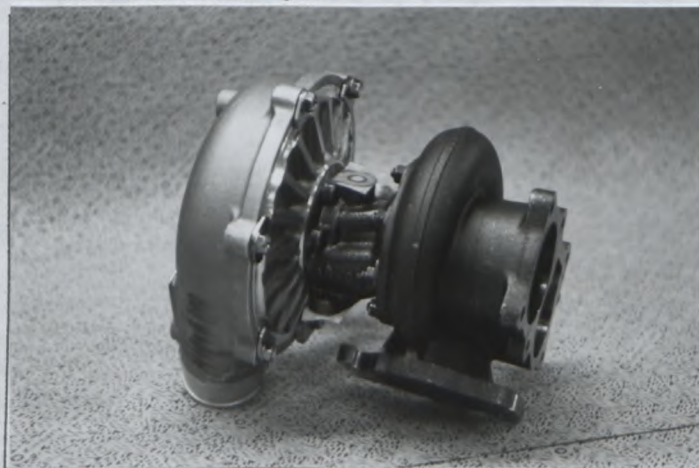
K) Vue de dessus du turbocompresseur
Plan view of turbocharger



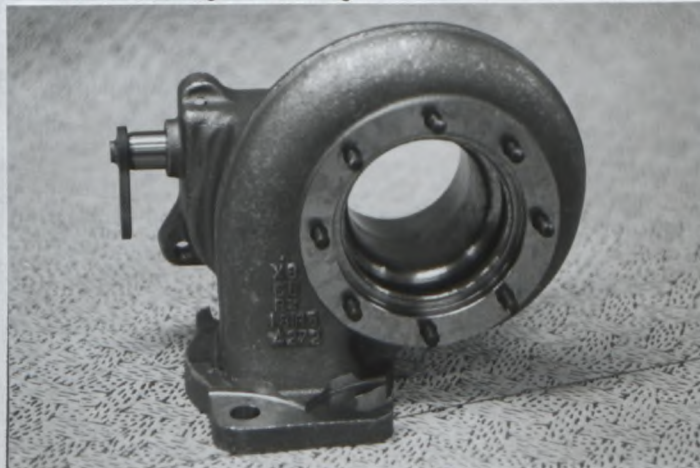
L) Vue de face du turbocompresseur
Front view of turbocharger



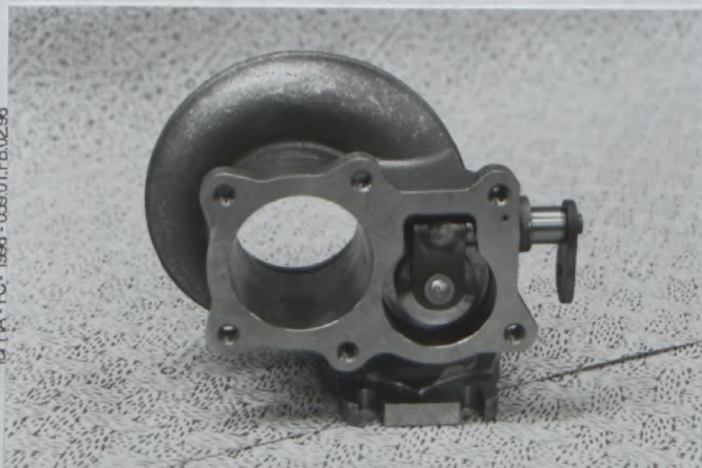
M) Vue de côté du turbocompresseur
Side view of turbocharger



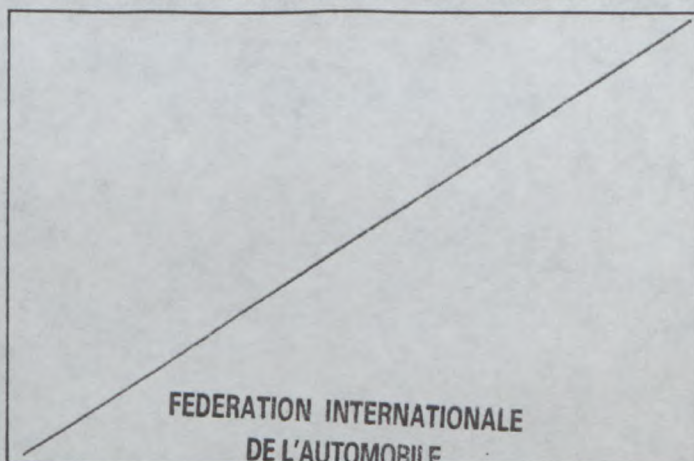
N) Carter de turbine du turbocompresseur
Turbine housing of turbocharger



O) Soupape et montage du by-pass du turbocompresseur
Valve and by-pass installation of turbocharger



P) Système d'échappement entre collecteur et turbocompresseur
Exhaust system between manifold and turbocharger



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DE L'AUTOMOBILE

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Marque **FORD**
Make

Modèle **ESCORT RS COSWORTH**
Model

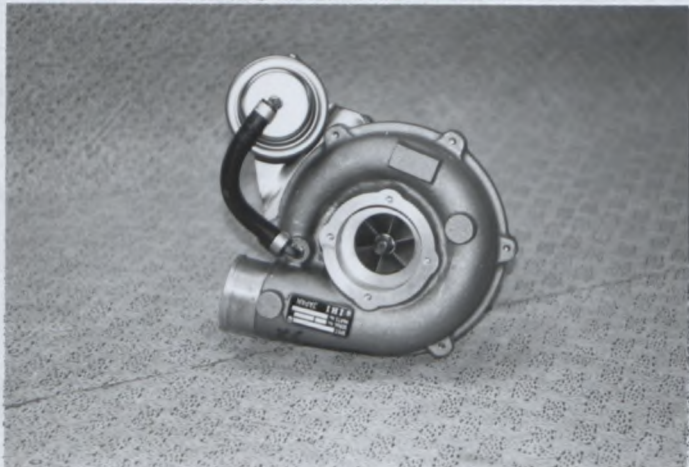
Homologation No

A-5466

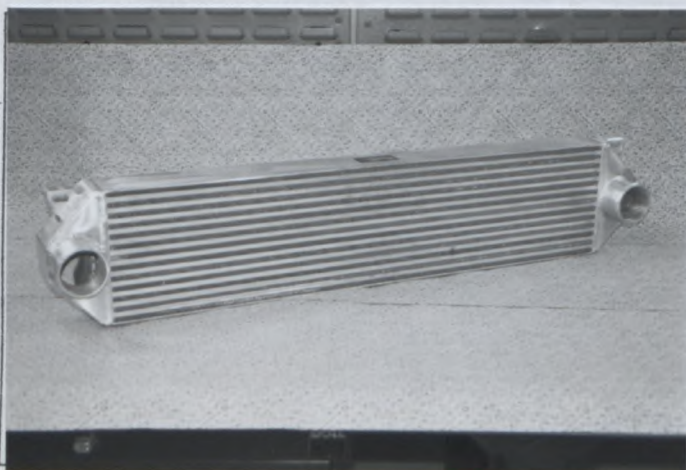
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20/01WR

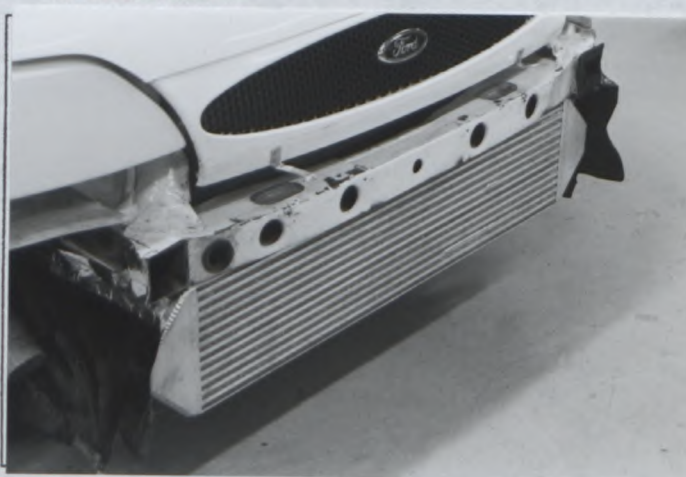
- Q) Carter de compresseur du turbocompresseur
Compressor housing of turbocharger



- R) Echangeur intermédiaire déposé
Intercooler dismounted



- Z) Echangeur intermédiaire monté
Intercooler mounted



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

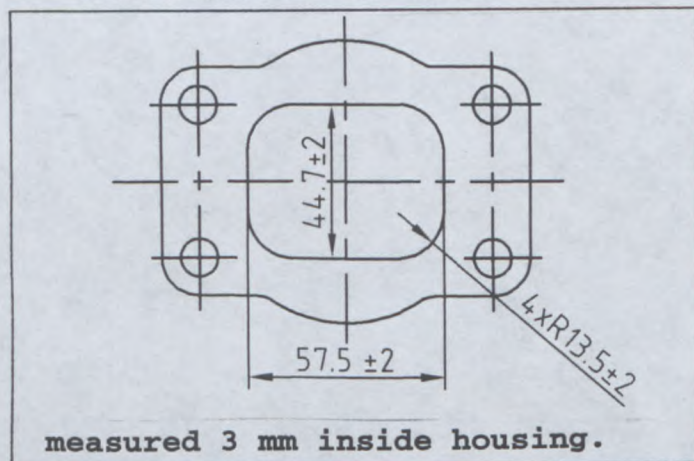
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Extension No

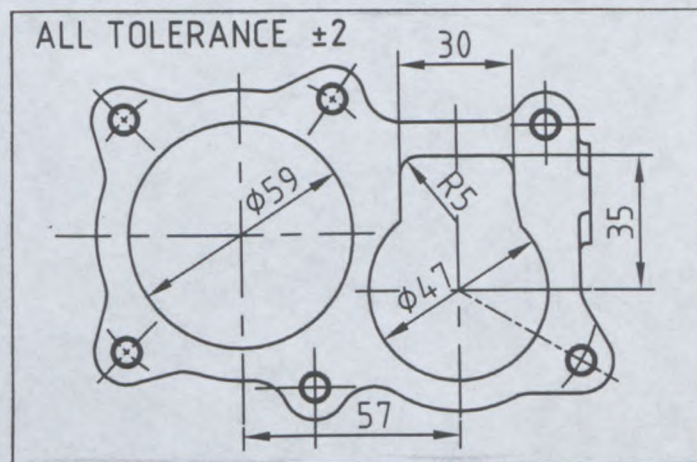
20/01WR

DESSINS / DRAWINGS

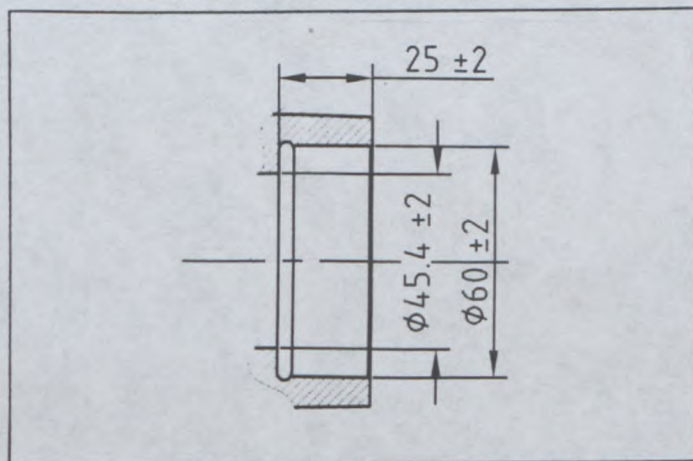
- V) Entrée des gaz d'échappement dans turbine de compresseur
Exhaust gas inlet to the compressor turbine



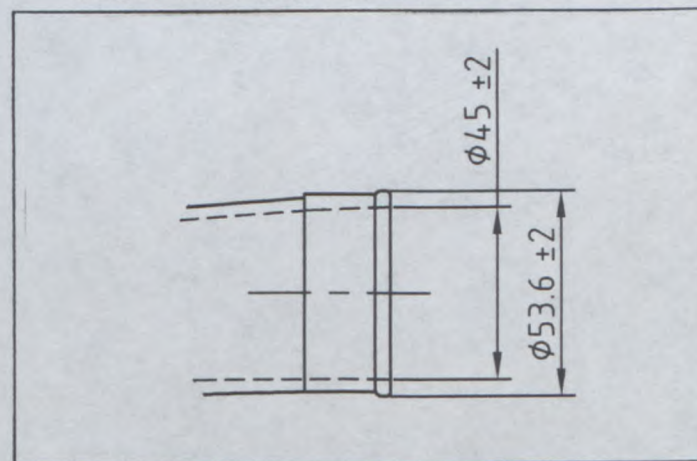
- VI) Sortie des gaz d'échappement de turbine de compresseur
Exhaust gas outlet from the compressor turbine



- VII) Entrée d'air (mélange) dans carter de compresseur
Air (gas) inlet to the compressor housing



- VIII) Sortie d'air (mélange) du carter de compresseur
Air (gas) outlet from the compressor housing



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DE L'AUTOMOBILE

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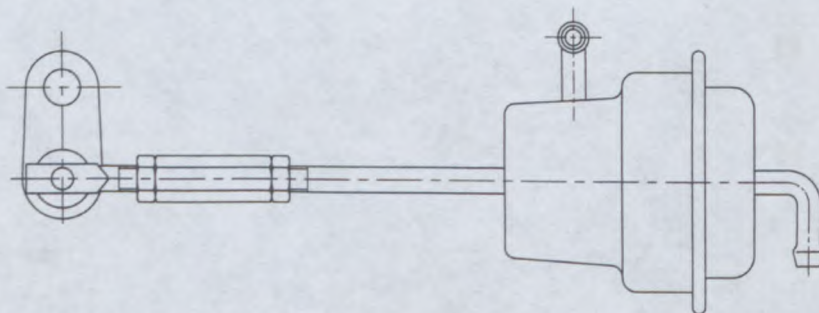
Marque **FORD**
Make _____

Modèle **ESCORT RS COSWORTH**
Model _____

Homologation No
A-5466

Extension No
20/01WR

IX) Dispositif réglant la pression de suralimentation
Device regulating the turbocharger pressure



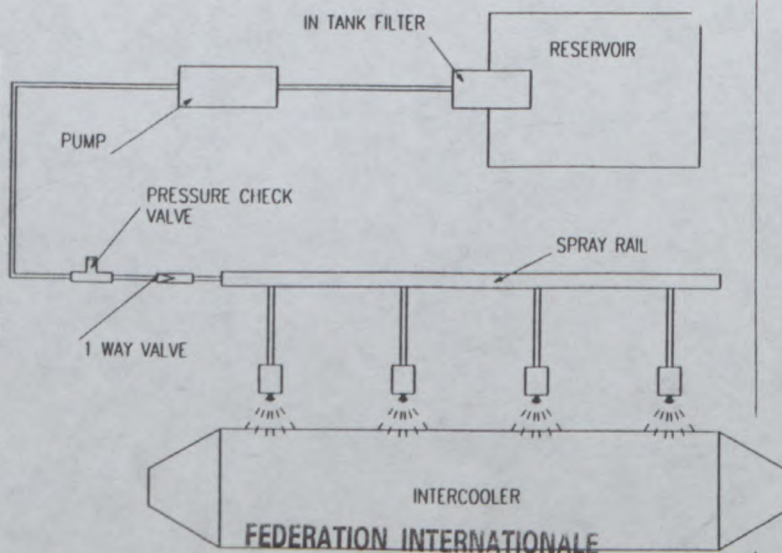
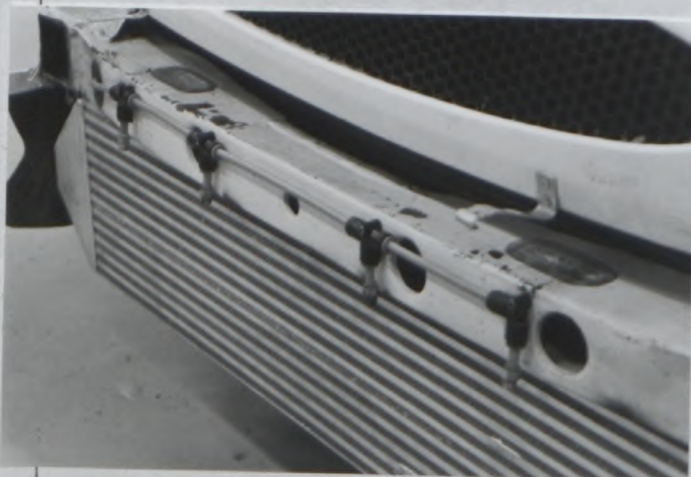
ANGLE OF CONTROL SIGNAL ENTRY
PIPES VARIABLE

Pression standard _____ bar
Standard pressure _____

Procédure de contrôle de la pression _____
Procedure for checking the pressure _____

As per original car homologation.

XV) Système de refroidissement de l'intercooler
Intercooler cooling system



Modèle **ESCORT RS COSWORTH**
Model _____

Homologation No.

A-5466

Extension No. _____

20 / 01 WR

307.	Cylindrée	a) Unitaire	493.34	cm3	b) Totale	1973.37	cm3
	Cylinder capacity	Unitary	_____		Total	_____	

c) Totale max. autorisée 1999.7 cm3
Max. total allowed 1999.7

313. Chemises :
Sleeves :

a)	oui yes	non no
----	------------	-----------

c)	humides wet	sèches dry
----	----------------	---------------

314. Alésage 90.32 mm
Bore

315. Alésage maximum autorisé 90.92 mm
Maximum bore allowed _____

316. Course 77.0 mm
Stroke

318. Bielle : b) Type de la tête de bielle SPLIT
Connecting rod : Big end type

c) Diamètre intérieur de la tête de bielle (sans coussinets) 55 mm ± 0.05
 Interior diameter of the big end (without shell bearings)

d) Longueur entre axes 136.1 +/- 0.1 mm e) Poids minimum 680 g
Length between the axes Minimum weight

E1) Bielle vue de 3/4
Connecting rod seen from 3/4



319. Vilebrequin Crankshaft

a) Type de construction As per original car homologation.
Type of manufacture _____

c)	coulé cast	forgé forged
----	---------------	-----------------

e) Type de paliers
Type of bearings _____

f) Diamètre des paliers _____
Diameter of bearings _____

g) Matériau des chapeaux de paliers
Bearing caps material _____

h) Poids minimum du vilebrequin nu _____ g
Minimum weight of bare crankshaft _____

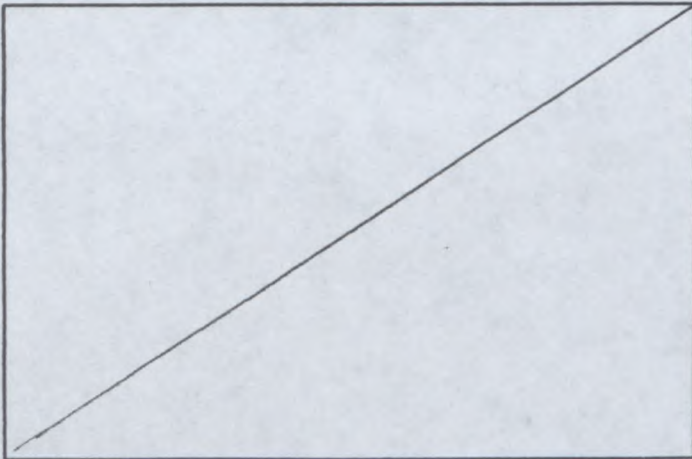
Marque FORD
Make _____

Modèle ESCORT RS COSWORTH
Model _____

Homologation No
A-5466

Extension No
20/01WR

E2) Vilebrequin (avec marquage)
Crankshaft (with marking)



320. Volant moteur :
Flywheel :

b) Poids minimum avec couronne de démarreur 4510 g
Minimum weight with starter ring _____

E3) Volant moteur
Engine flywheel



323. Alimentation par carburateur :
Fuel feed by carburettor :

a) Nombre de carburateurs
Number of carburetors _____

b) Type _____
Type _____

c) Marque et modèle
Make and model _____

d) Nombre de passages de gaz par carburateur
Number of mixture passages per carburettor _____

e) Diamètre maximum de la sortie de gaz du carburateur
Maximum diameter of the carburettor mixture exit port _____ mm

f) Diamètre du diffuseur au point d'étranglement maximum
Diameter of the venturi at the narrowest point _____ +/- 0.25 mm

Marque FORD Modèle ESCORT RS COSWORTH
Make _____ Model _____

Homologation No

A-5466

Extension No

20/01WR

324. Alimentation par injection : a) Marque FORD b) Modèle E.F.I.
Fuel feed by injection : Make _____ Model _____

c) Mode de dosage du carburant :
Kind of fuel measurement :

☒ mécanique mechanical	☐ électronique electronic	☐ hydraulique hydraulic
---	---	---

d) Dimensions du conduit d'admission au niveau du papillon ou de la guillotine
Dimensions of intake pipe at the throttle or slide location

56

+/- 0.25 mm

e) Nombre de sorties effectives de carburant 8
Number of effective fuel outlets

f) Position des injecteurs
Position of injectors

f1)

☒ Collecteur Manifold	☐ Culasse Cylinderhead
--	--

327. Admission : a) Matériau du collecteur ALUMINIUM ALLOY
Intake : Material of manifold

b) Nombre d'éléments du collecteur 3
Number of manifold elements

d) Diamètre maximum de soupape _____ mm
Maximum diameter of the valve

e) Diamètre de tige de soupape dans guide _____
Diameter of the valve stem in guide

+0/-0.2 mm

f) Longueur de soupape _____ +/- 1.5 mm
Valve length

UNIQUEMENT POUR LES MOTEURS A DEUX SOUPAPES PAR CYLINDRE (UNE D'ADMISSION + UNE D'ECHAPPEMENT)
ONLY FOR ENGINES WITH TWO VALVES PER CYLINDER (ONE FOR INTAKE + ONE FOR EXHAUST)

o) Injection d'eau dans le collecteur
Water injection in the manifold

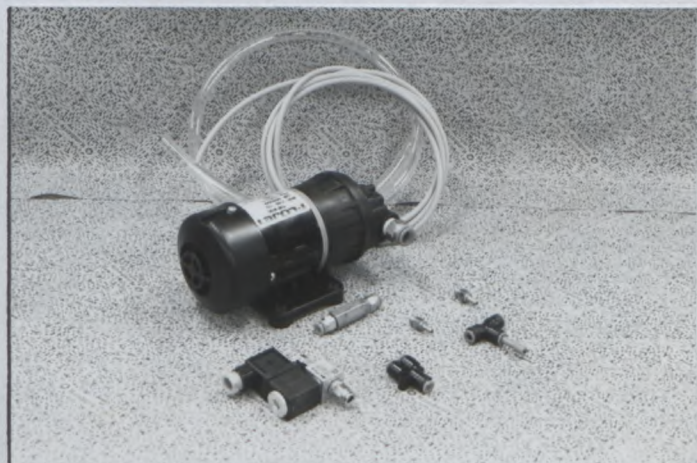
☐ oui yes	☒ non no
-------------------------------------	---

E5) Système d'injection d'eau complet
Complete water injection system

Capacité totale des réservoirs _____ l
Total capacity of tanks

See page 4, combined water tank

Emplacement des réservoirs _____
Location of the tanks



328. Echappement : a) Matériau du collecteur NICKLE FERROUS ALLOY
Exhaust : Material of manifold

b) Nombre d'éléments du collecteur 1
Number of manifold elements

c) Dimensions intérieures de sortie collecteur 57.5 x 45.5 ± 2mm
Internal dimensions of manifold exit

e) Diamètre maximum de soupape _____ mm
Maximum diameter of the valve

f) Diamètre de tige de soupape dans guide _____
Diameter of the valve stem in guide

+0/-0.2 mm

g) Longueur de soupape _____ +/- 1.5 mm
Valve length

UNIQUEMENT POUR LES MOTEURS A DEUX SOUPAPES PAR CYLINDRE (UNE D'ADMISSION + UNE D'ECHAPPEMENT)
ONLY FOR ENGINES WITH TWO VALVES PER CYLINDER (ONE FOR INTAKE + ONE FOR EXHAUST)

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DE L'AUTOMOBILE**

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Marque FORD Modèle ESCORT RS COSWORTH
 Make _____ Model _____

Homologation No

A-5466

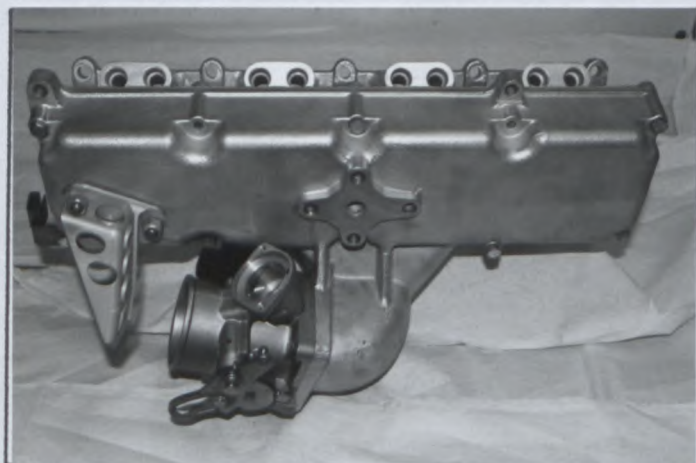
Extension No

20/01WR

- p) Injection d'air dans le collecteur
 Air injection in the manifold

oui	non
yes	no

- i) Collecteur d'admission
 Intake manifold



- j) Collecteur d'échappement
 Exhaust manifold



- g) Capteurs du système d'injection
 Sensors of injection system

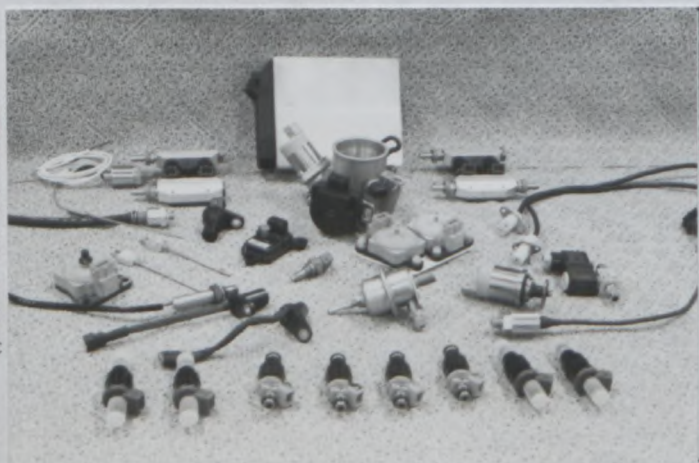
Air charge temperature; Engine coolant temperature; Manifold air pressure (x2); Throttle position; Fuel pressure; Crankshaft position & speed(x2); Camshaft position; Knock; Lambda; Ambient air pressure; Ambient air temperature; Turbocharger speed; Exhaust temperature; Fuel temperature; Gear position; Wheel speed; Battery voltage; Post restrictor depression.

- h) Actionneurs du système d'injection
 Actuators of injection system

Engine control unit; Fuel injectors (x8); Fuel pressure regulator; Idle speed control; Throttle air bypass; Exhaust air injection; Boost control actuators; Exhaust air injection solenoid; Water injection solenoid.

N.B. These lists contain sensors and actuators previously declared in the basic homologation.

- H) Carburateur / Système d'injection
 Carburetor / Injection system



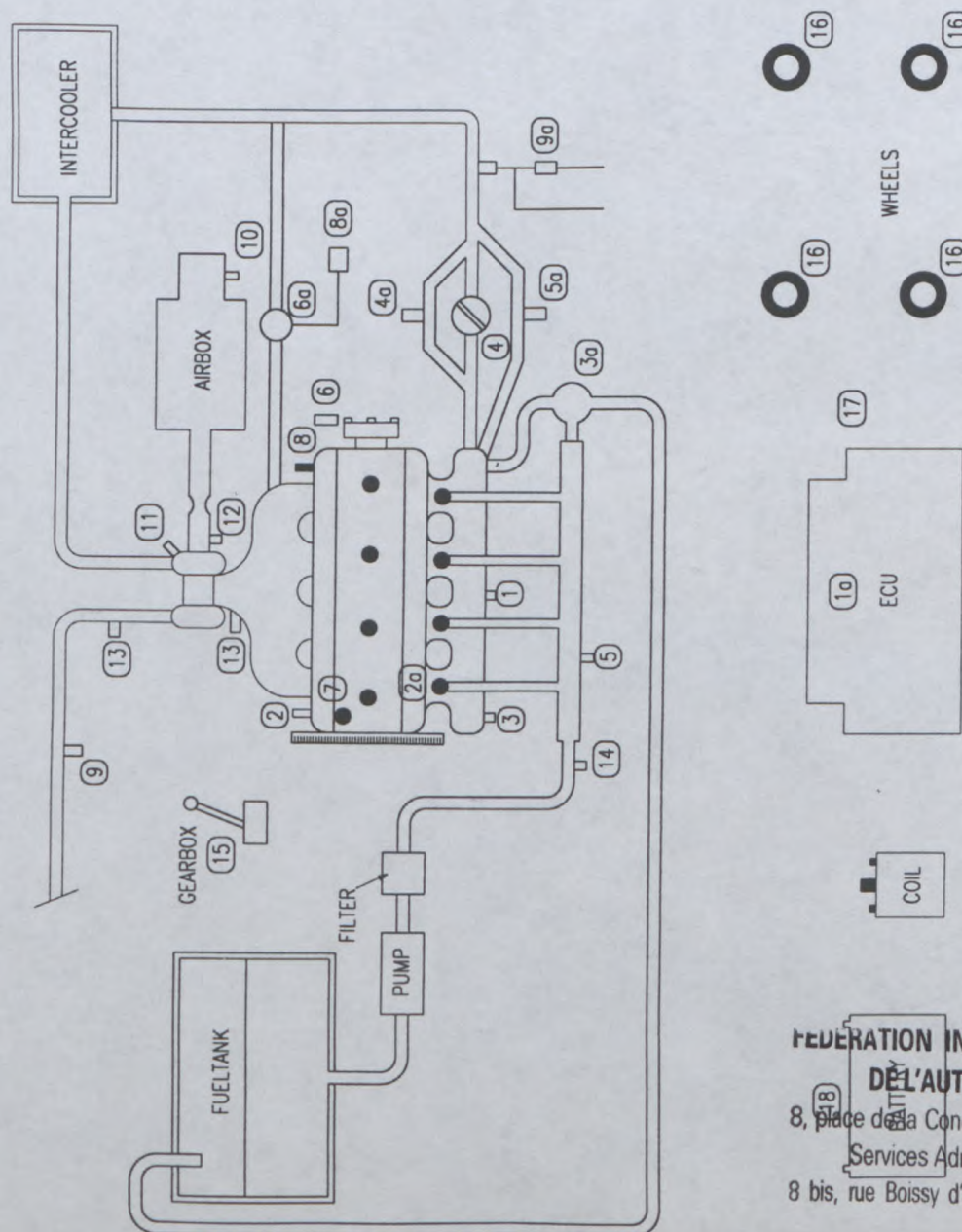
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XIV) LOCALISATION DES CAPTEURS ET ACTIONNEURS / LOCATION OF SENSORS AND ACTUATORS :

SCHEMATIC DIAGRAM OF ELECTRONIC
ENGINE MANAGEMENT SYSTEM

1. Air charge temperature
2. Engine coolant temperature
3. Manifold air pressure
4. Throttle position
5. Fuel pressure
6. Crank position and speed
7. Camshaft position
8. Knock
9. Lambda
10. Ambient air temperature
11. Turbo speed sensor
12. Restrictor depression sensor
13. Exhaust temperature
14. Fuel temperature
15. Gear position
16. Wheel speed
17. Ambient air pressure
18. Battery voltage

- 1a. E.C.U.
- 2a. Injectors
- 3a. Fuel pressure regulator
- 4a. Idle speed control
- 5a. Throttle air bypass valve
- 6a. Exhaust air injection valve
- 7a. Boost control actuation valve
- 8a. Exhaust air injection solenoid
- 9a. Water injection solenoid



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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

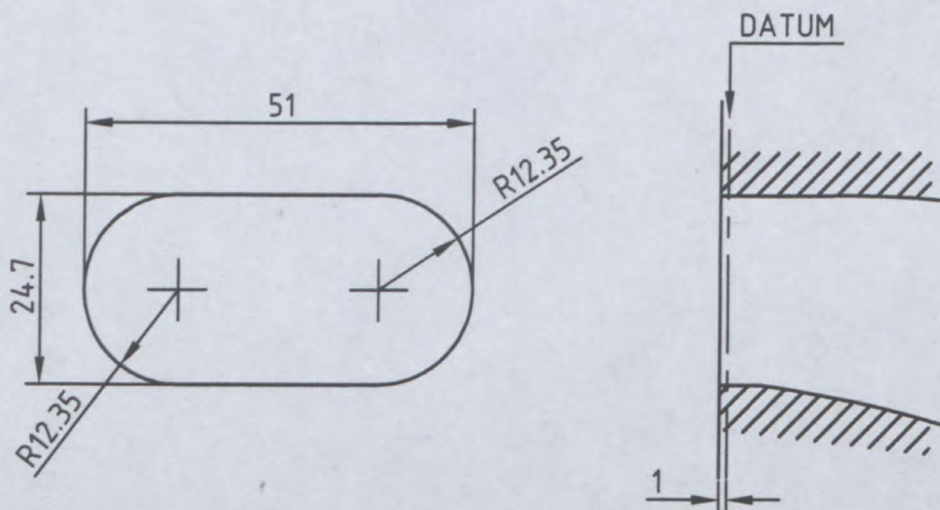
20/01WR

Dessins des orifices du moteur - tolérances sur les dimensions : -2%, +4%

Drawings of engine ports - tolerances on dimensions : -2%, +4%

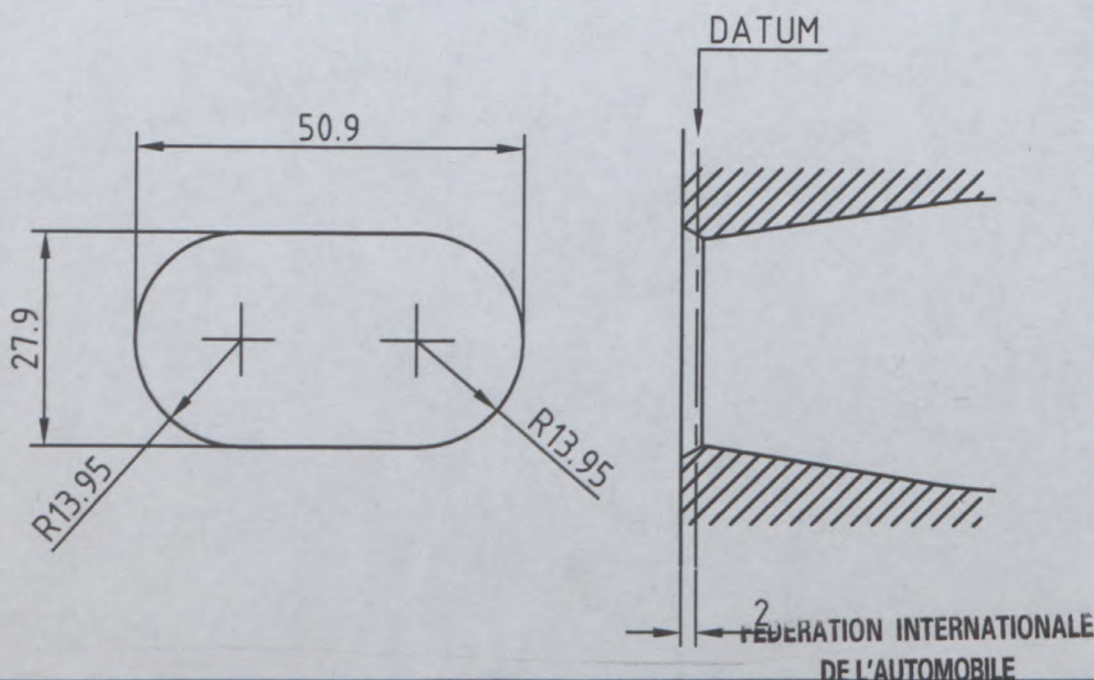
A D M I S S I O N / I N T A K E

II) Collecteur, côté culasse / Manifold, cylinderhead side



E C H A P P E M E N T / E X H A U S T

IV) Collecteur, côté culasse / Manifold, cylinderhead side



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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

20/01WR

6. TRANSMISSION / POWER TRAIN

605. Roues motrices :
Driven wheels :

avant
front

oui yes	non no
------------	-----------

arrière
rear

oui yes	non no
------------	-----------

604. Boîte de transfert / différentiel central :
Transfer box / central differential :

a) Rapports
Ratios

As per original car homologation

b) Nombres de dents
Numbers of teeth

As per original car homologation

c) Système de commande de boîte de transfert
Control system of transfer box

d) Type de différentiel central
Type of central differential

As per original car homologation plus electronic control

605. Couple final
Final drive

Avant / Front

Arrière / Rear

a) Type de couple final
Type of final drive

As per original car homologation

b) Rapport
Ratio

c) Nombre de dents
Number of teeth

e) Type de lubrification
Type of lubrication

606. Arbres :
Shafts :

a) Type des arbres longitudinaux
Type of longitudinal shafts

As per original car homologation

b) Matériau des arbres longitudinaux
Material of longitudinal shafts

c) Type des demi-arbres transversaux
Type of transversal half-shafts

d) Matériau des demi-arbres transversaux
Material of transversal half-shafts

XII) CHAÎNE CINÉMATIQUE (4 roues motrices) / KINEMATIC TRAIN (4 wheel drive) :

As per original car homologation

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Marque FORD
Make _____

Modèle ESCORT RS COSWORTH
Model _____

Homologation No
A-5466

Extension No
20/01WR

7. SUSPENSION / SUSPENSION

701. Généralités General

a) Type de suspension
Type of suspension

McPherson Strut

702. Ressorts hélicoïdaux
Helicoïdal springs

oui yes	non no
------------	-----------

703. Ressorts à lames
Leaf springs

oui yes	non no
------------	-----------

704. Barres de torsion
Torsion bars

oui yes	non no
------------	-----------

705. Autre type de suspension :
Other type of suspension :

Voir description sur fiche additionnelle
See description on additional form

707. Amortisseurs :
Shock absorbers :

a) Nombre par roue
Number per wheel

1

b) Type
Type

TELESCOPIC

c) Principe de fonctionnement
Principle of operation

HYDRAULIC

U) Train arrière complet déposé
Complete dismantled rear axle



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Marque **FORD**
Make

Modèle **ESCORT RS COSWORTH**
Model

Homologation No

A-5466

Extension No

20/01WR

8. TRAIN ROULANT / RUNNING GEAR

801. Roues :
Wheels :

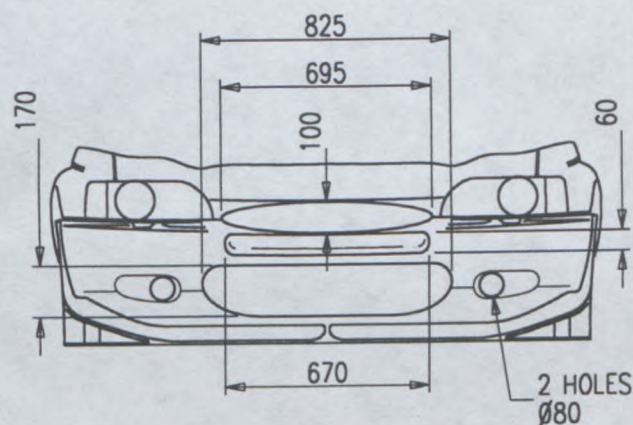
a) Diamètre
Diameter

Avant / Front	Arrière / Rear
<u>18</u> " <u>457</u> mm	<u>18</u> " <u>457</u> mm

MAXIMUM NOMINAL RIM SIZE

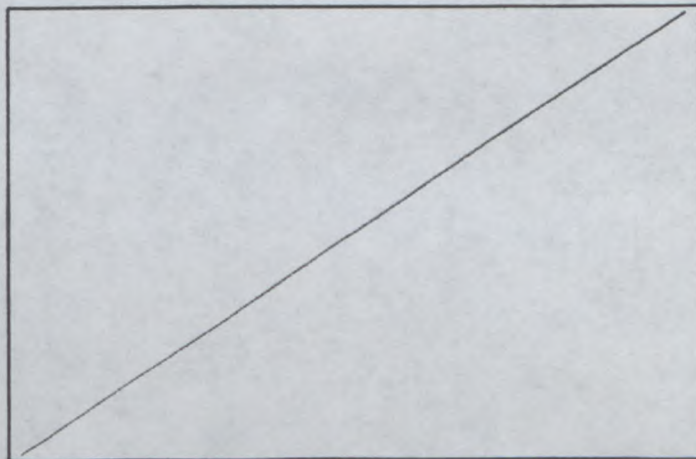
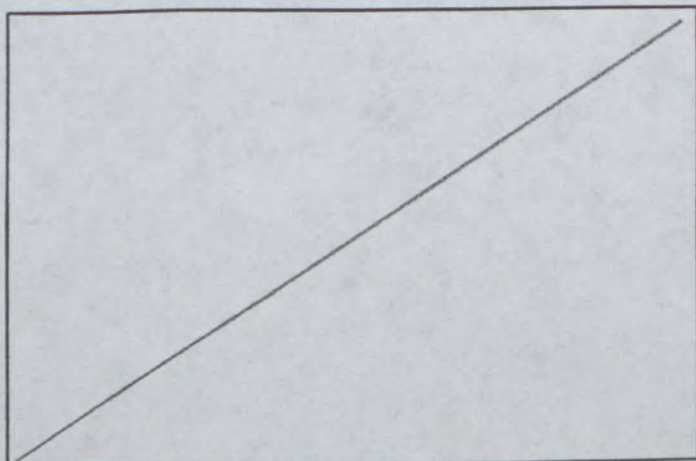
9. CARROSSERIE / BODYWORK

XVI) DISPOSITIF AERODYNAMIQUE AVANT VU DE FACE AVEC DIMENSIONS DES OUVERTURES :
FRONT AERODYNAMIC DEVICE SEEN FROM THE FRONT WITH DIMENSIONS OF OPENINGS:



A1) Ouverture dans le capot moteur avec dimensions
Opening in engine bonnet with dimensions

A2) Pare-chocs arrière / Bouclier arrière
Rear bumper



Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

20/01WR

**XVII) DISPOSITIF AERODYNAMIQUE ARRIERE VU DE COTE ET VU DE DESSUS :
REAR AERODYNAMIC DEVICE SEEN FROM ABOVE AND IN SIDE VIEW:**



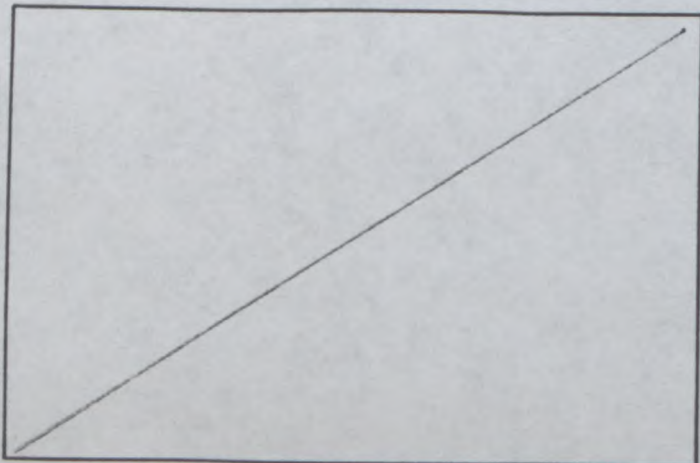
A3) Aile avant
Front wing



A4) Passage de roue avant avec les pièces montées
Front wheel arch with assembled parts



A5) Pièces démontées du passage de roue avant
Front wheel arch dismantled parts



A6) Aile arrière
Rear wing



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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

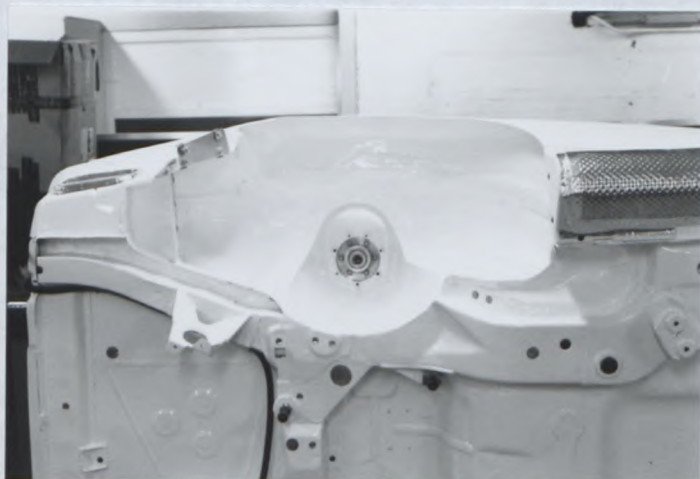
Homologation No

A-5466

Extension No

20/01WR

A7) Passage de roue arrière avec les pièces montées
Rear wheel arch with assembled parts



A8) Pièces démontées du passage de roue arrière
Rear wheel arch dismantled parts



INFORMATIONS COMPLEMENTAIRES / COMPLEMENTARY INFORMATION :

1. VO parts from the Escort RS Cosworth form can only be used on the Escort W R C provided the original components are common to both variants of the car.
2. All front upright assemblies homologated for the Escort RS Cosworth can be used on the rear suspension of the Escort World Rally Car.
3. Strut Body Diameters are variable for both front and rear suspension.
4. Overall car length, without original front spoiler extended splitter = 4135mm.
5. Page 9; item 313. Dry cylinder liners may be fitted as a repair facility, as per original car.
6. Photo 97 - 01 indicates combined Water tank for supply to Brakes, Dampers, Windscreen as well as Engine injection and Intercooler spray. See page VK4 for volumes.
7. Diagram 97 - 02 indicates the relative positions of the Water injection nozzles, the Water tank, filter, and pump etc.

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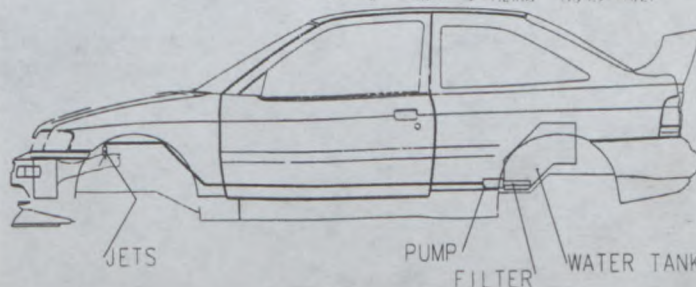


Photo 97 - 01

Diagram 97 - 02



FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation No

A-5466

Groupe
Group

A

Extension No

21/16 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the
- ☐ ET Evolution normale du type / Normal evolution of the
- ☐ VF Variante de fourniture / Supply variant
- ☒ VO Variante option / Option variant
- ☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

01 JAN. 1997

Valid only for World Rally Car

Page ou ext.	Article	Description	
Page or ext.	Article	Description	
12	603	Revised aperture for gearbox control	Photo 97 - 03
14	606	Constant Velocity Joint for drive shaft	Photo 97 - 04
15	701	Damper heating kit for cold climates	Photo 97 - 05
15	701	Rear steer arm, rear suspension - World rally car only. May be spaced vertically by 20mm from position shown	
		Type 1	Photo 97 - 06
		Type 2	Photo 97 - 07
15	701	Compression strut bracket, attaches to chassis in standard position.	Photo 97 - 08

Fludryh
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DE L'AUTOMOBILE

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Page _____

Marque
Make

Ford

Modèle
Model

Escort R.S. Cosworth

Homologation No.
A 5466

Extension No.

21/16V0

Page ou ext.	Article	Description
Page or ext.	Article	Description
15	701	Different length radius / toe links for rear suspension Photo 97 - 09
15	701	Adapter bracket for strut mounting Photo 97 - 10
17	803	Increased capacity water tank for water injection & spray, plus brake and other cooling functions. Total capacity = 60 litres Photo 97 - 11
17	804	Power assist steering and other hydraulic systems pump unit Photo 97 - 12
18	901	Alternative roof vent for ventilation, mounted centrally on front of roof. Photo 97 -13

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DE L'AUTOMOBILE**

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Marque **FORD**
Make

Modèle **ESCORT RS COSWORTH**
Model

Homologation No

A-5466

Extension No

21/16 V0

PHOTO No **97-03**



PHOTO No **97-04**



PHOTO No **97-05**



PHOTO No **97-06**

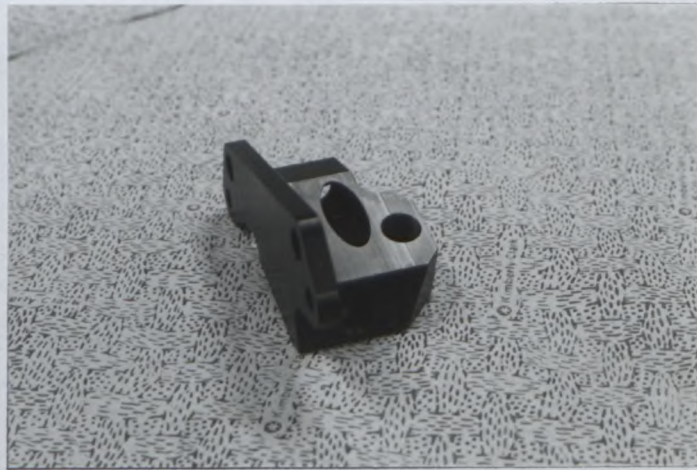


PHOTO No **97-07**

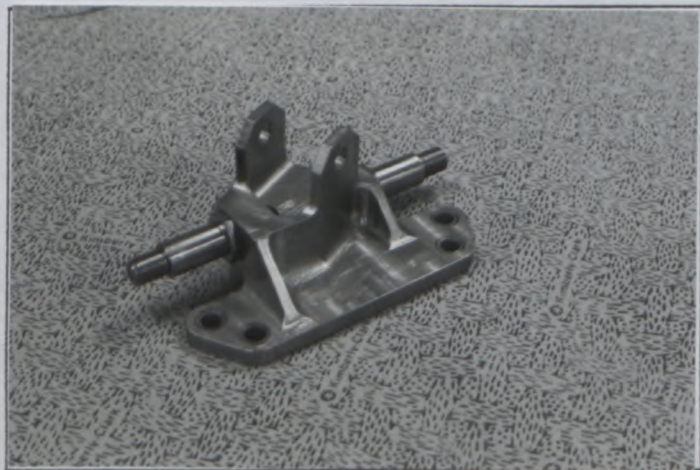


PHOTO No **97-08**



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Marque **FORD**
Make

Modèle **ESCORT RS COSWORTH**
Model

Homologation No
A-5466

Extension No
21/16 V0

PHOTO No **97-09**

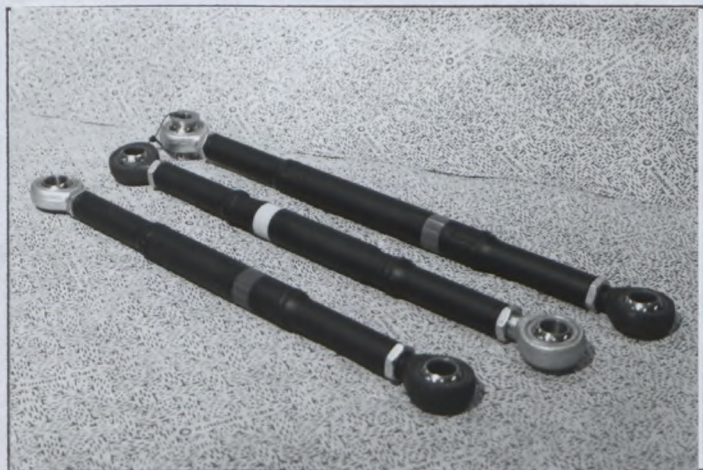


PHOTO No **97-10**



PHOTO No **97-11**



PHOTO No **97-12**

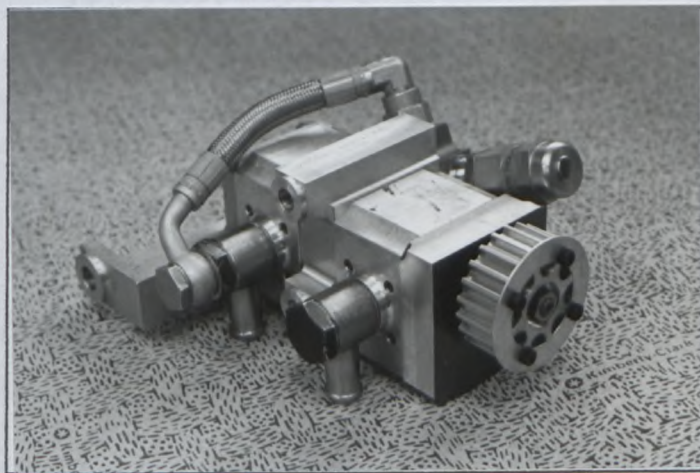
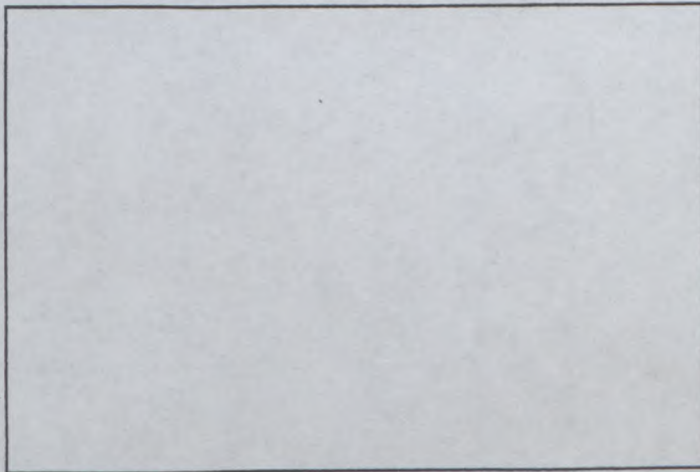


PHOTO No **97-13**



PHOTO No



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DE L'AUTOMOBILE

Homologation No

A-5466

Groupe
Group

A

Extension No

22/17 VO

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the
- ☐ ET Evolution normale du type / Normal evolution of the
- ☐ VF Variante de fourniture / Supply variant
- ☒ VO Variante option / Option variant
- ☐ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JULY 1997

Page ou ext. Page or ext.	Article Article	Description Description
------------------------------	--------------------	----------------------------

12

603

All items are available for Escort RS Cosworth Group A and WRC car unless stated otherwise.

Heavy duty gearbox assembly, complete with interchangeable clutch housing which can incorporate concentric hydraulic clutch release. The assembly may incorporate externally adjustable, variable rate limited slip differentials and variable torque split capability. Unit shown for sequential gear selector change, but unit is capable of conversion to 'H' pattern gearchange. Photo 97 - 14

Gear	Ratio	Teeth
1	3.00	12 : 36
2	2.12	16 : 34
3	1.61	18 : 29
4	1.32	19 : 25
5	1.12	17 : 19
6	0.96	25 : 24
Rev	2.67	12:14:32

Gearchange assembly for above gearbox, including alternative length gear lever Photo 97 - 15

Revised opening in transmission tunnel for gearchange mechanism.
Original gearchange hole sealed. Photo 97 - 16

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Marque
Make FORD

Modèle
Model ESCORT RS COSWORTH

Homologation N°
A 5466
Extension N°

22 / 17 V0

Page ou ext. Page or ext.	Article Article	Description Description																																										
14	605	Final drive reduction gear (built into gearbox assembly) <table><tr><td>Ratio</td><td>Teeth</td><td>Ratio</td><td>Teeth</td><td>Ratio</td><td>Teeth</td></tr><tr><td>1.20</td><td>24 : 20</td><td>1.15</td><td>23 : 20</td><td>1.10</td><td>22 : 20</td></tr><tr><td>1.06</td><td>19 : 18</td><td>1.05</td><td>23 : 22</td><td>1.00</td><td>24 : 24</td></tr><tr><td>0.96</td><td>22 : 23</td><td>0.96</td><td>25 : 26</td><td>0.95</td><td>20 : 21</td></tr><tr><td>0.91</td><td>20 : 22</td><td>0.90</td><td>18 : 20</td><td>0.86</td><td>24 : 28</td></tr><tr><td>0.85</td><td>17 : 20</td><td>0.82</td><td>22 : 27</td><td>0.80</td><td>20 : 25</td></tr><tr><td>0.78</td><td>21 : 27</td><td></td><td></td><td></td><td></td></tr></table>	Ratio	Teeth	Ratio	Teeth	Ratio	Teeth	1.20	24 : 20	1.15	23 : 20	1.10	22 : 20	1.06	19 : 18	1.05	23 : 22	1.00	24 : 24	0.96	22 : 23	0.96	25 : 26	0.95	20 : 21	0.91	20 : 22	0.90	18 : 20	0.86	24 : 28	0.85	17 : 20	0.82	22 : 27	0.80	20 : 25	0.78	21 : 27				
Ratio	Teeth	Ratio	Teeth	Ratio	Teeth																																							
1.20	24 : 20	1.15	23 : 20	1.10	22 : 20																																							
1.06	19 : 18	1.05	23 : 22	1.00	24 : 24																																							
0.96	22 : 23	0.96	25 : 26	0.95	20 : 21																																							
0.91	20 : 22	0.90	18 : 20	0.86	24 : 28																																							
0.85	17 : 20	0.82	22 : 27	0.80	20 : 25																																							
0.78	21 : 27																																											
14	606	Transmission shaft, Shaft length variable to accommodate alternative axles. Photo 97 - 17																																										
15	701	Suspension upright assembly, fabricated construction for main body. Front axle assembly type 97/10 Photo 97 - 18 Rear axle assembly, WRC only. type 97/11 Photo 97 - 19 Revised retention system for damper body guide to upright, diameter of body variable for alternative damper assemblies. Photo 97 - 20 Steering Arm, retains same steering ratio. For use on Front axle only. types 97/01 & 97/02 shown. Photo 97 - 21																																										
15	701	Alternative front suspension crossmember, attached to main chassis in same position as standard unit. Suspension pick up points within 20mm of production car. Parts are fabricated in ferrous or light alloy material Photo 97 - 22																																										
15	701	Suspension links. For use on Front and / or Rear axles on WRC cars, Only to be used on Front axle of non-kit car version of Group A cars Photo 97 - 23 Photo 97 - 24																																										

FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

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Page

Marque
Make FORD

Modèle
Model ESCORT RS COSWORTH

Homologation N°
A 5466
Extension N°

22/17 V0

Page ou ext. Page or ext.	Article Article	Description Description
15	701	Anti-roll bar, shown with alternative blades and mounting bracket. Torsion bar dimensions variable to suit roll stiffness required. Front Photo 97 - 25 Rear Photo 97 - 26 Alternative mounting brackets for Anti-roll bar which may be bolted and/or welded to the chassis Photo's 97 - 27, 97 - 28
17	803	Handbrake mounting bracket and revised lever assembly, to accept full range of existing handbrake master cylinders. Photo 97 - 29
17	804	Reservoir for hydraulic fluids Single tank, type 97/01 Volume = 2.1 Litres. Photo 97 - 30 Combined tanks for separate fluids, type 97/02. Volumes = 2.1 & 2.5 Litres Photo 97 - 31
17	804	Electric Power Assisted Steering pump for Steering and / or other high pressure hydraulic requirements on the car. Photo 97 - 32

Marque FORD
Make

Modèle ESCORT RS COSWORTH
Model

Homologation No

A-5466

Extension No

22/17 V0

PHOTO No 97 - 14

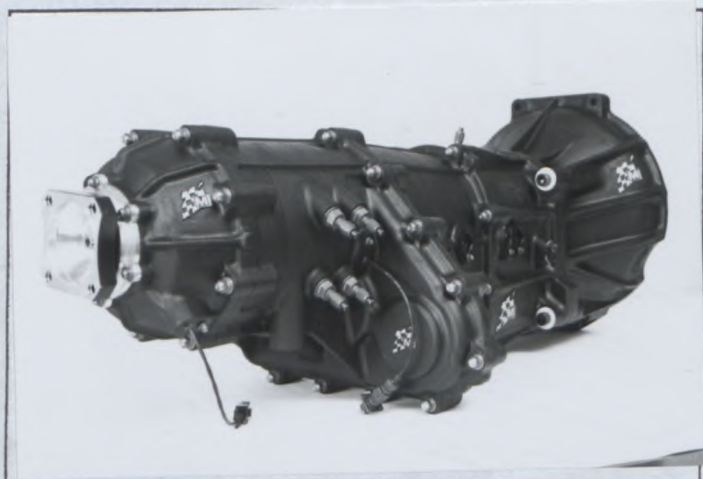


PHOTO No 97 - 15



PHOTO No 97 - 16



PHOTO No 97 - 17

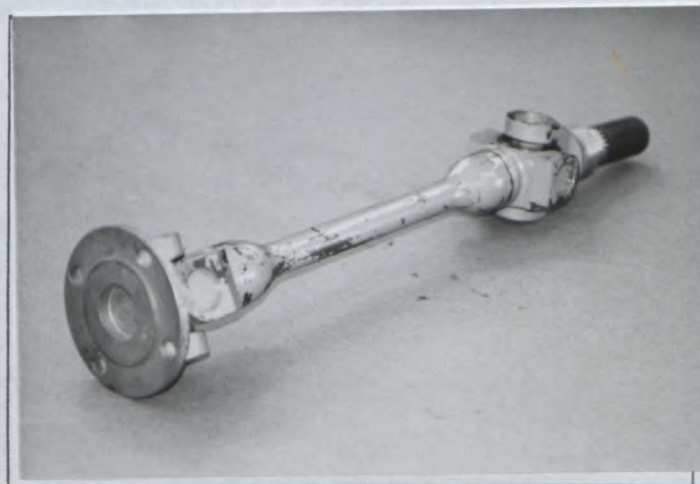


PHOTO No 97 - 18



PHOTO No 97 - 19



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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

22/17 V0

PHOTO No

97 - 20



PHOTO No

97 - 21



PHOTO No

97 - 22



PHOTO No

97 - 23



PHOTO No

97 - 24



PHOTO No

97 - 25



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Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

22/17V0

PHOTO No 97 - 26



PHOTO No 97 - 27



PHOTO No 97 - 28



PHOTO No 97 - 29



PHOTO No 97 - 30

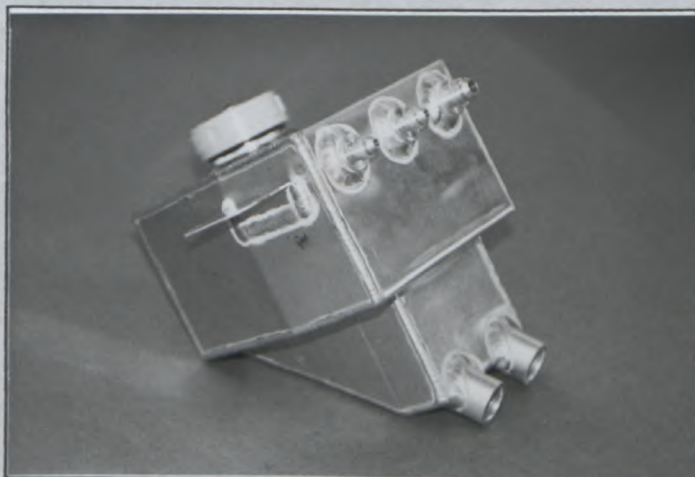
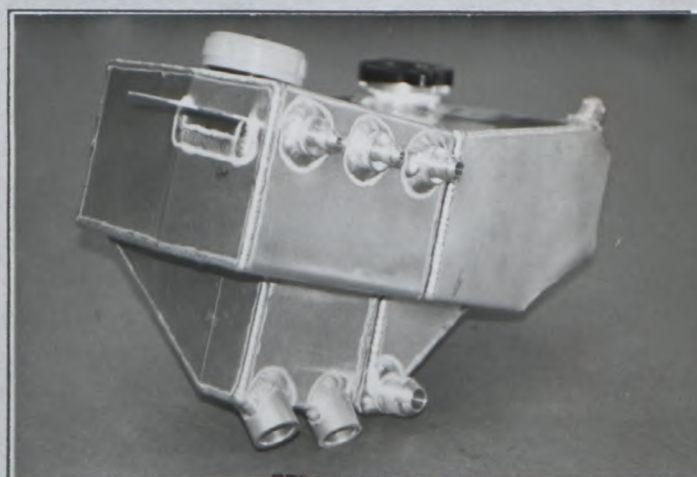


PHOTO No 97 - 31



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Marque
Make

FORD

Modèle
Model

ESCORT RS COSWORTH

Homologation No

A-5466

Extension No

22/17 V0

PHOTO No

97 - 32



PHOTO No

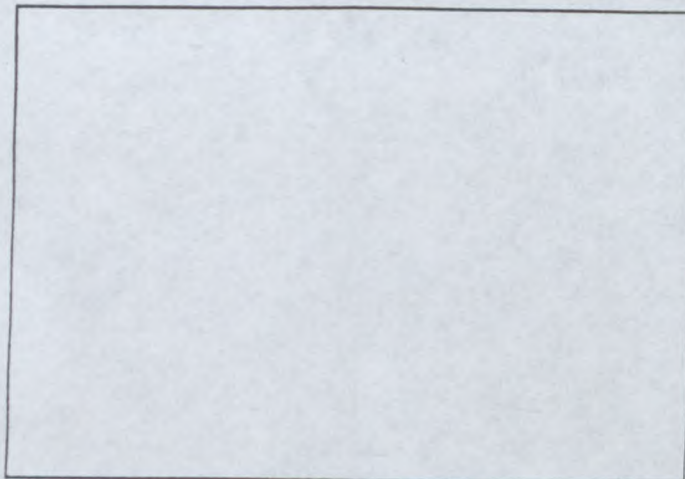


PHOTO No

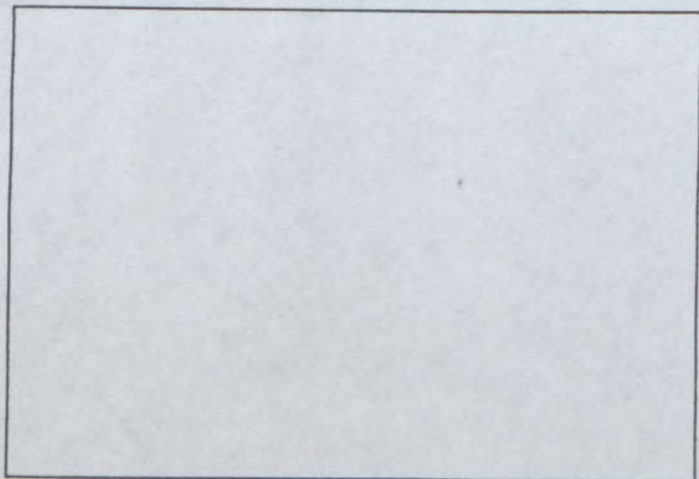


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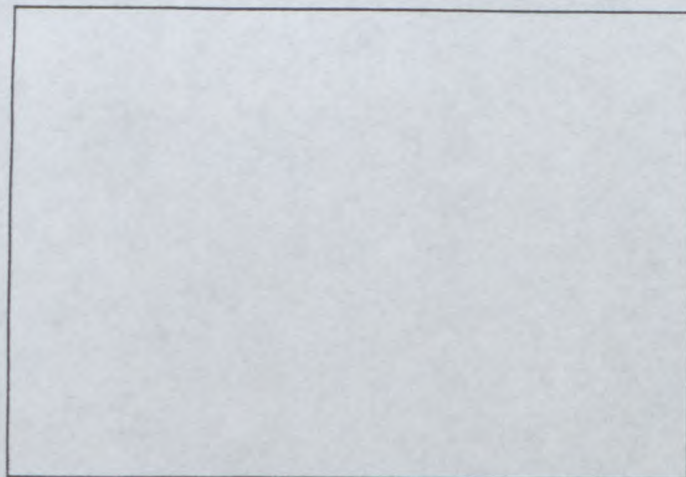


PHOTO No

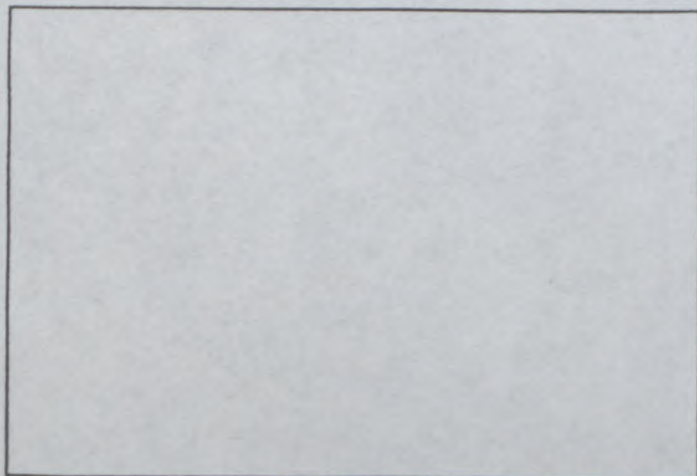
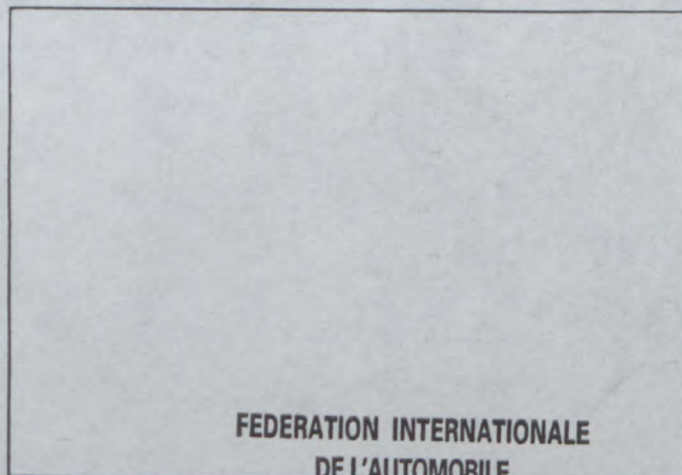


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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation No

A-5466

Groupe
Group

A

Extension No

23/05 ER

FICHE D'EXTENSION D'HOMOLOGATION
FORM OF HOMOLOGATION EXTENSION

- ☐ ES Evolution sportive du type / Sporting evolution of the
- ☐ ET Evolution normale du type / Normal evolution of the
- ☐ VF Variante de fourniture / Supply variant
- ☐ VO Variante option / Option variant
- ☒ ER Erratum / Erratum

Véhicule: Constructeur
Vehicle: Manufactureur

FORD

Modèle et type
Model and type

ESCORT RS COSWORTH

Homologation valable à partir du
Homologation valid as from

1 JULY 1997

Page ou ext. Page or ext.	Article Article	Description Description
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20/01WR
Page 7

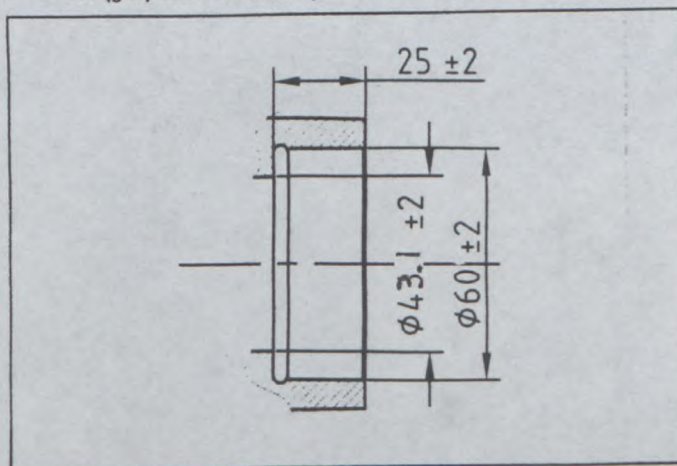
334
Drg.
V11

Errata

Turbocharger detail, World Rally Car only.
Dimension $45.4 \pm 2\text{mm}$ should read $43.1 \pm 2\text{mm}$.

This gives the correct clearance to impeller wheel quoted in 334e4, Dim A of
 $42.4 \pm 0.4\text{mm}$ Dimension from wrong compressor originally quoted.

VII) Entrée d'air (mélange) dans carter de compresseur
Air (gas) inlet to the compressor housing



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Page



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Homologation N°

A - 5466

Groupe

Group

A

Extension N°

24 / 18 VO

FICHE D'EXTENSION D'HOMOLOGATION FOR OF HOMOLOGATION EXTENSION

☐ **ES** Evolution sportive du type / Sporting evolution of the type☐ **ET** Evolution normale du type / Normal evolution of the type☐ **VF** Variante de fourniture / Supply variant☒ **VO** Variante option / Option variant☐ **ER** Erratum / Erratum

Véhicule : Constructeur **Ford Motor Company Limited**
Vehicle : Manufacturer

Modèle et type **Escort RS Cosworth**
Model and type

Homologation valable à partir du **1 October 1997**
Homologation valid as from

Page or ext.	Article	Description
		For All Group A cars, unless specifically specified.
14	605	Front differential assembly, with active differential components fitted. (the active differential components may be modified or deleted if required). Photo 97 - 33
15	701	Front upright assembly, incorporating high capacity bearings, spindle and wheel mounting flange. Complete with bolt on steering arm bracket and adaptor for mounting homologated brake calipers. Photo 97 - 34
15	701	Track control arm assembly; front suspension. Fabricated assembly in Ferrous material. To be used with homologated front upright assemblies. Photo 97 - 35
15	701	Anti roll bar assembly, with variable setting for roll stiffness. Includes mounting bracket to chassis. Photo 97 - 36
15	701	Rear sub frame assembly. Attaches to the car in the same position as previous unit, and suspension mounting points remain within 20mm of original WRC component. For use on WRC only. Photo 97 - 37

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DE L'AUTOMOBILE
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Marque Ford Motor Company Limited
Make

Modèle
Model

Escort RS Cosworth

Homologation N°

A - 5466

Extension N°

24 / 18 V0

PHOTO N° 97 - 33



PHOTO N° 97 - 34



PHOTO N° 97 - 35



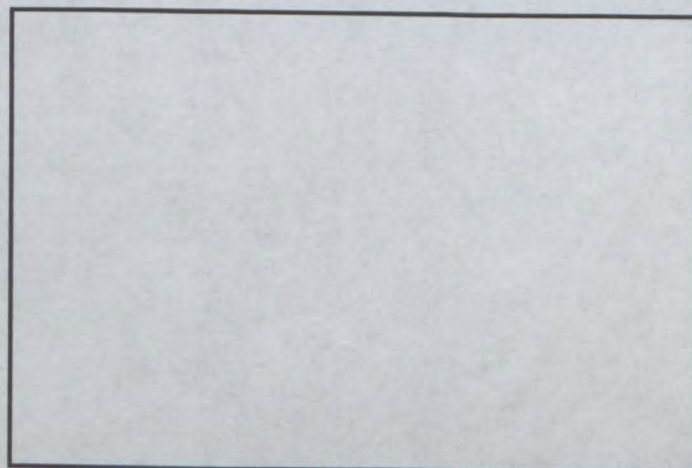
PHOTO N° 97 - 36



PHOTO N° 97 - 37



PHOTO N°



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FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Homologation N°

A - 5466

Groupe

Group

A

Extension N°

25 / 19 VO

FICHE D'EXTENSION D'HOMOLOGATION FOR OF HOMOLOGATION EXTENSION

- ☐ **ES** Evolution sportive du type / Sporting evolution of the type ☒ **VO** Variante option / Option variant
- ☐ **ET** Evolution normale du type / Normal evolution of the type ☐ **ER** Erratum / Erratum
- ☐ **VF** Variante de fourniture / Supply variant

Véhicule : Constructeur
Vehicle : Manufacturer

Ford Motor Company Limited

Modèle et type
Model and type

Escort R S Cosworth

Homologation valable à partir du
Homologation valid as from

1 March 1998

Page or ext.	Article	Description
12	603	Revised gearchange lever for use with sequential gearbox. Photo 98 - 01 Repositioned hole in transmission tunnel for gearchange lever Photo 98 - 02
14	605	Heavy duty front differential case with modified bearing support, To be used with all previous versions of this front differential Photo 98 - 03 Alternative machining of side plate Photo 98 - 04
14	605	Modified rear cover for Heavy duty differential case, standard on WRC, optional for Group A Photo 98 - 05
14	606	Light alloy main transmission shaft Photo 98 - 06
14	606	Drive shaft, with associated inner and outer joints. Front and/or rear suspension. Actual shaft length variable to suit geometry used. Photo 98 - 07 Variable thickness drive shaft spacers Photo 98 - 08
15	701	Alternative construction for rear steer arm bracket, World Rally Car Only Photo 98 - 09


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Marque **Ford Motor Company Limited**
Make

Modèle **Escort R S Cosworth**
Model

Homologation N°

A - 5466

Extension N°

25 / 19 V0

Page or ext.	Article	Description
15	701	Alternative mounting bracket for strut top mount. Retains rotational point of joint within 20mm of standard position. Use:- Front and rear on WRC, Front only on Group A. Photo 98 - 10 Alternative machining of bearing carrier Photo 98 - 11
15	701	Front suspension cross member, shown with removable upper reinforcement brackets. These brackets may be fitted to all versions of this crossmember Photo 98 - 12
15	701	Front upright assembly, with reduced nose diameter for use with small diameter discs brakes used in adverse conditions. This modification may be applied to any of the previously homologated upright assemblies. Photo 98 - 13 Reinforced strut clamp, can be fitted to all versions of this upright assembly, and machined to suit strut assembly used Photo 98 - 14
15	701	Track control arm, in light alloy. type 98//1 Photo 98 - 15 type 98/2 Photo 98 - 16
15	701	Different length radius / toe links for rear suspension; World Rally Car only. Photo 98 - 17
16	801	Front Hub and bearing carrier, front or rear axle Photo 98 - 18
16	801	Wheel scraper for use in adverse conditions, type 98/1 Photo 98 - 19 type 98/2 Photo 98 - 20 Dirt shield for brake discs type 98/1 Photo 98 - 21 type 98/2 Photo 98 - 22
17	803	Combined reservoir for Water and Hydraulic fluid. Water volume = 2.3 L. and hydraulic fluid volumes = 1x 1.4 L. & 1x 1.8 L. Photo 98 - 23
17	803	All previously homologated Water containers, can be used for any combination of the following:- Engine injection, Intercooler spray, Brake cooling, Damper cooling. and/or Windscreen cleaning

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Marque

Make **FORD MOTOR COMPANY LIMITED**

Modèle

Model **ESCORT R S COSWORTH**

Homologation N°

A - 5466

Extension N°

25 / 19 V0

PHOTO N° 98 - 01

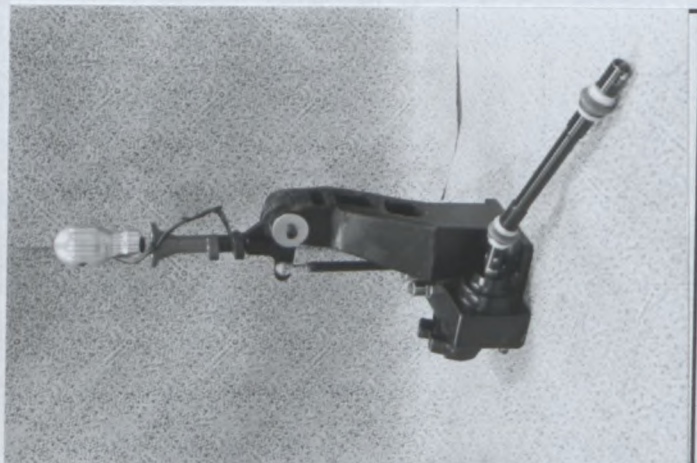


PHOTO N° 98 - 02



PHOTO N° 98 - 03

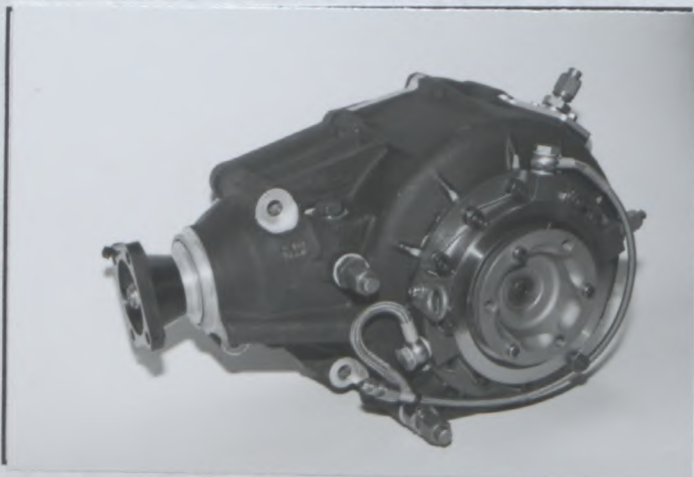


PHOTO N° 98 - 04

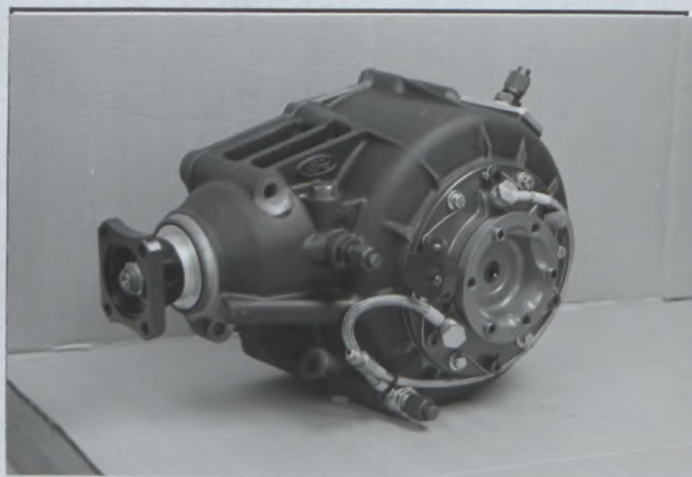


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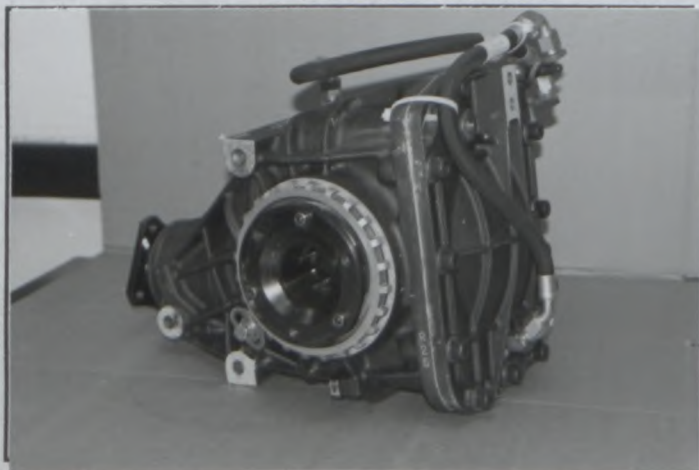
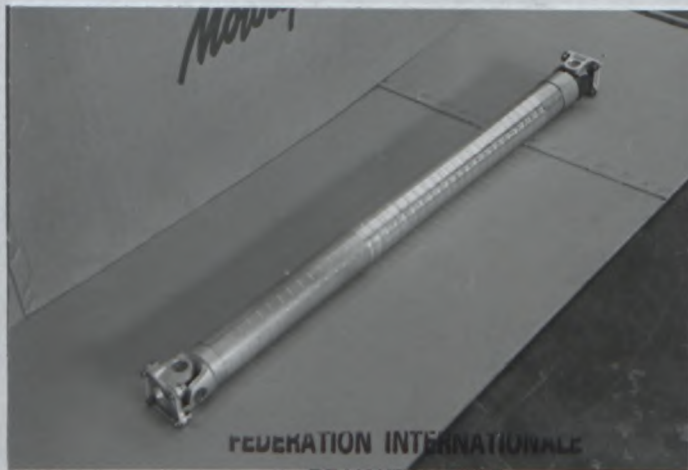


PHOTO N° 98 - 06



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Marque

Make **FORD MOTOR COMPANY LIMITED**

Modèle

Model **ESCORT R S COSWORTH**

Homologation N°

A - 5466

Extension N°

25 / 19 V0

PHOTO N° 98 - 07



PHOTO N° 98 - 08



PHOTO N° 98 - 09



PHOTO N° 98 - 10



PHOTO N° 98 - 11



PHOTO N° 98 - 12



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Marque

Make **FORD MOTOR COMPANY LIMITED**

Modèle

Model **ESCORT R S COSWORTH**

Homologation N°

A - 5466

Extension N°

25 / 19 V0

PHOTO N° 98 - 13

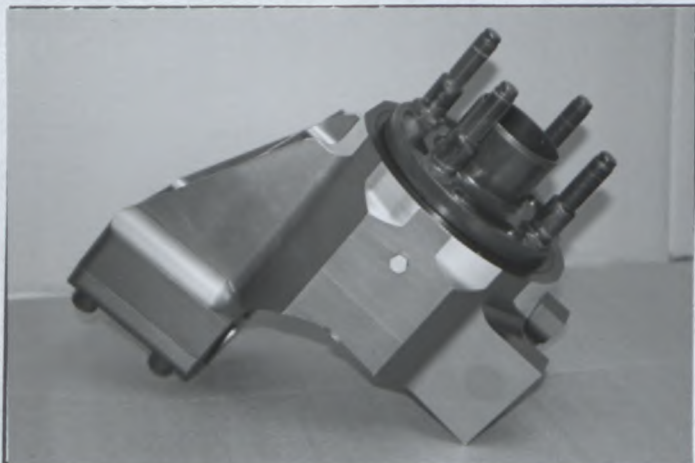


PHOTO N° 98 - 14

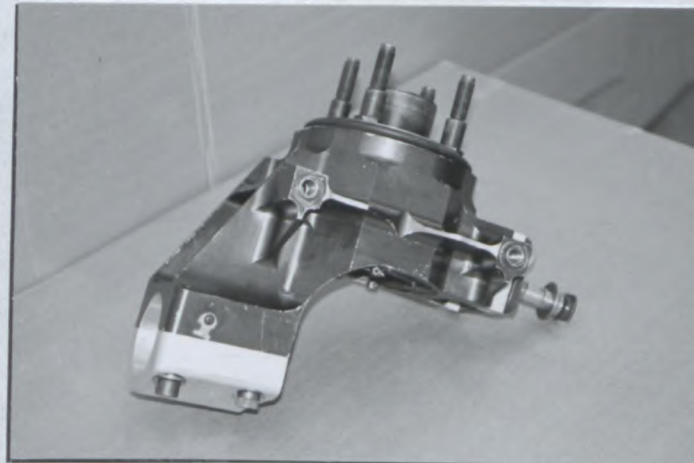


PHOTO N° 98 - 15



PHOTO N° 98 - 16



PHOTO N° 98 - 17

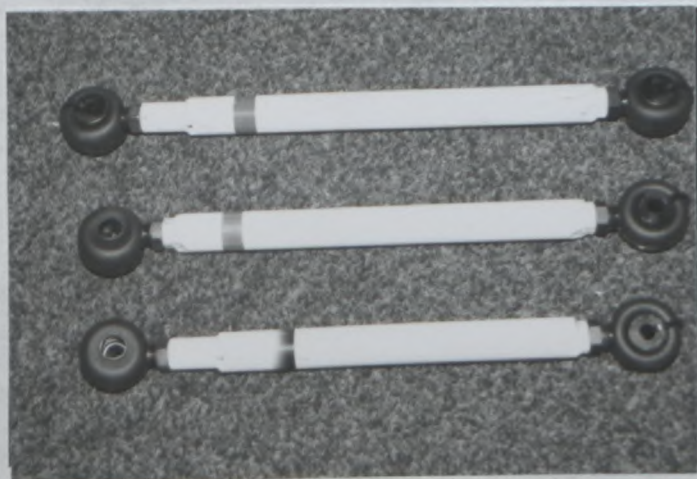


PHOTO N° 98 - 18



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Marque
Make **FORD MOTOR COMPANY LIMITED**

Modèle
Model **ESCORT R S COSWORTH**

Homologation N°

A - 5466

Extension N°

25/ 19 VO

PHOTO N° 98 - 19



PHOTO N° 98 - 20

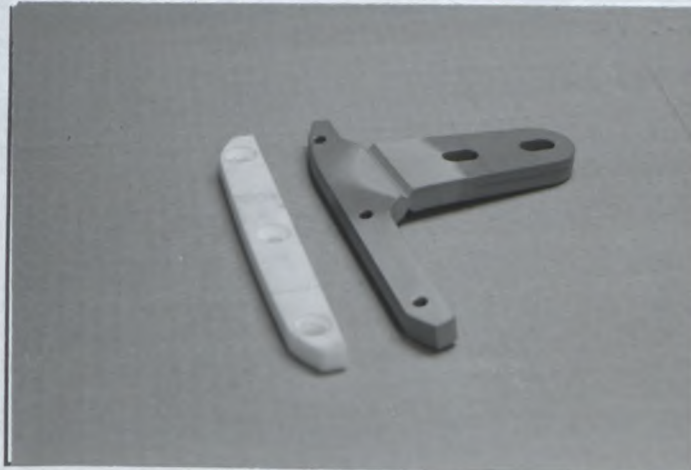


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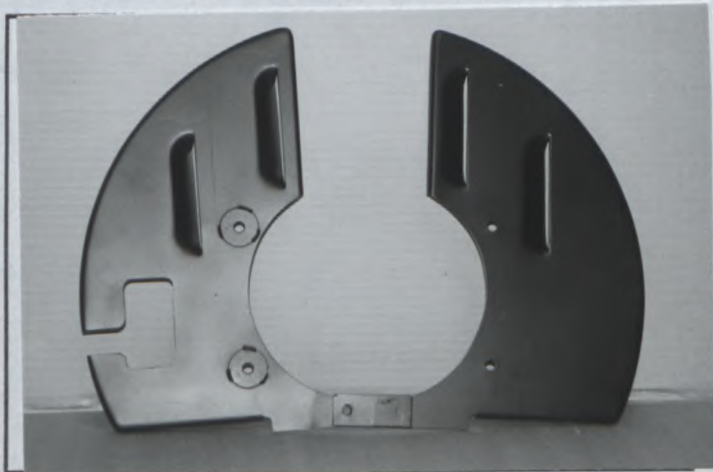


PHOTO N° 98 - 22



PHOTO N° 98 - 23

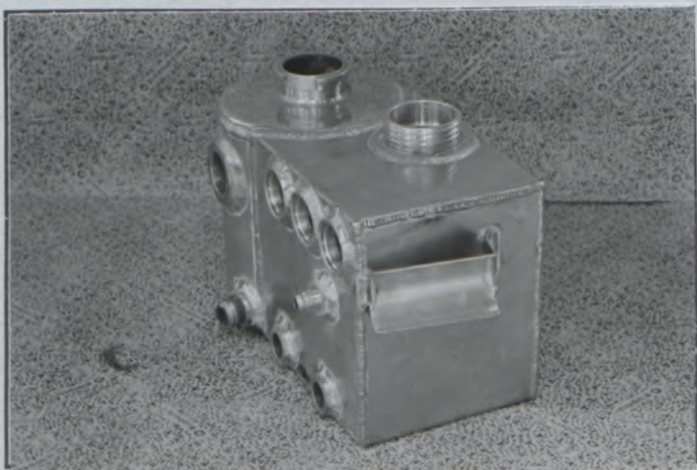


PHOTO N°

98 - 24



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FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Homologation N°

A - 5466

Groupe

Group

A / B

Extension N°

26 / 20 VO

FICHE D'EXTENSION D'HOMOLOGATION FOR OF HOMOLOGATION EXTENSION



ES

Evolution sportive du type / Sporting evolution of the type



VO

Variante option / Option variant



ET

Evolution normale du type / Normal evolution of the type



ER

Erratum / Erratum



VF

Variante de fourniture / Supply variant

Véhicule :

Vehicle :

Constructeur

Manufacturer

Ford Motor Company Limited

Modèle et type

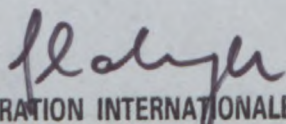
Model and type

Escort R S Cosworth

Homologation valable à partir du
Homologation valid as from

1 October 1998

Page or ext.	Article	Description
14	604	Remote power pack for any car high pressure hydraulic application Photo 98-24 Combined hydraulic actuator and control block assembly for on board servo assistance to PAS, differentials and other hydraulic circuitry. Photo 98-25
16	803	Brake caliper (front and/or rear axle). Calipers machined from same casting/forging to suit specific application. Supplier:- Ford / Brembo. Photo 98-26
	803e	N° of cylinders 8
	803e1	Cylinder Bore mm. From 24 to 36
	803g1	N° of pads per wheel 4
	803g2	N° of Calipers per wheel 1
	803g3	Caliper material Alum Alloy
	803g8	Pad length mm From 70 to 95


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Marque Ford Motor Company Limited
Make

Modèle Escort R S Cosworth
Model

Homologation N°

A - 5466

Extension N°

26/20V0

PHOTO N° 98-24



PHOTO N° 98-25



PHOTO N° 98-26



PHOTO N°

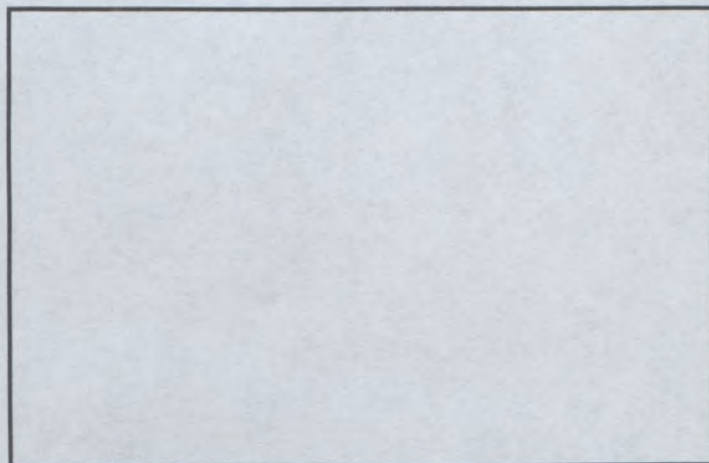


PHOTO N°

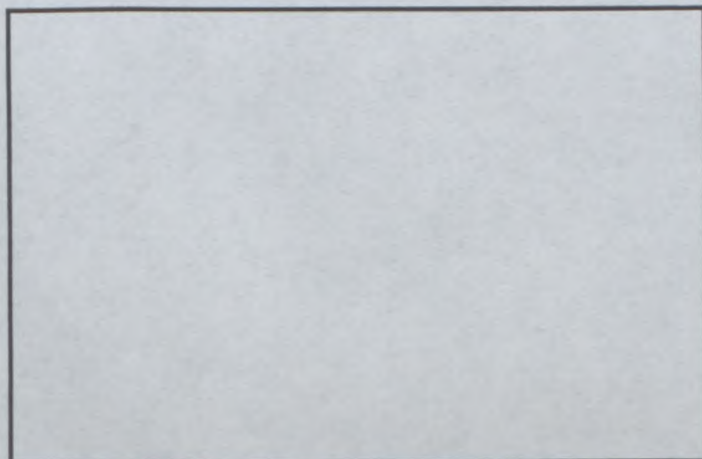
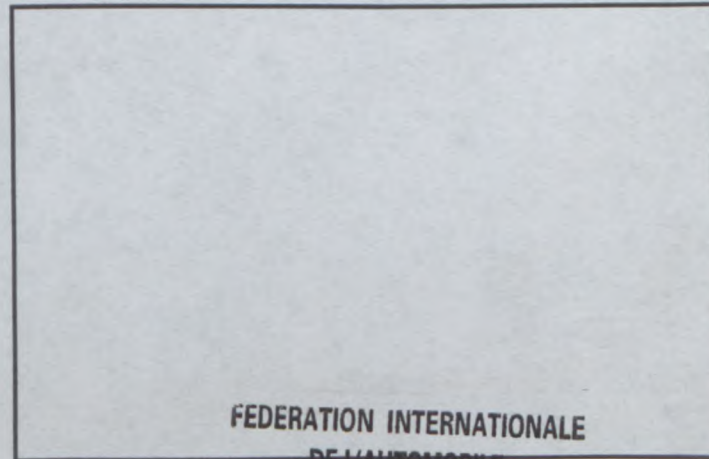


PHOTO N°



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