Group I TOURING



# ROYAL AUTOMOBILE CLUB

31 Belgrave Square, London, SW1X 8QH

Form of recognition in accordance with appendix J to the International Sporting Code of the FEDERATION INTERNATIONALE DE L'AUTOMOBILE

	Cylinder-capacity cm.3 95.55 in.3
Manufacturer FORD MOTOR COMPANY LIMITED	Model ESCORT MEXICO
Serial No. of chassis/body BFATKR 23264	Manufacturer FORD
Serial No. of engine	Manufacturer FORD
Recognition is valid from 1st May 1972	List
The manufacturing of the model described in this reco	gnition form started on April 19.71
	identical cars, in accordance with the specifications of
this form was reached on March 19 72	

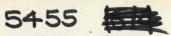
#### Photograph A, 1 view of car from front



F.I.A. Stamp



R.A.C. Stamp

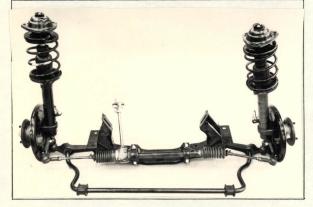


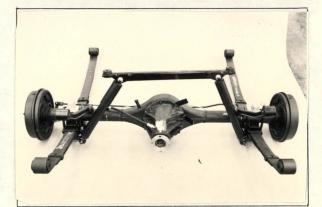
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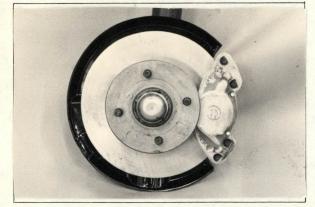


D





F



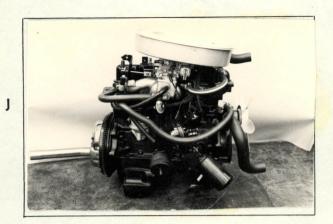


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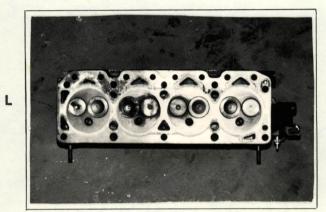




# 5455 五耳

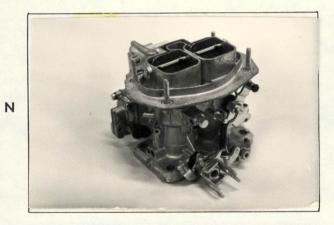




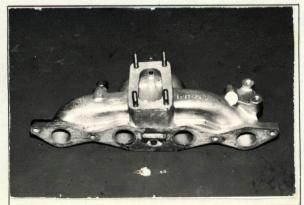


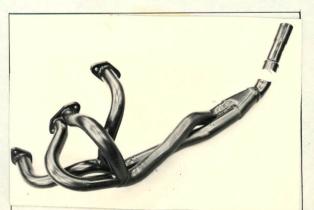


M









See note (1) on page 12 Bone - 1.61 ins

P

3

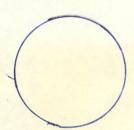


Drawing inlet manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Dia 1.24 ins 31.5 mm

Drawing of entrance to inlet port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Dia 1.42 ins 36.06 mm

Drawing of exhaust manifold ports, side of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Dia 1.15 ins 29.25 mm

Drawing of exit to exhaust port of cylinderhead. Indicate scale or dimensions and manufacturing tolerance.



Dia 1.15 ins 29.25 mm

#### NOTE 1.

Make....

All dimensions must be given in two measuring systems, see Note 3.

#### CAPACITIES AND DIMENSIONS

1. Wheelbase

2430 mm.

96.0 inches

2. Front track

3. Rear track

1314.5

mm. 51.75

inches

1338.5

mm.

52.5

inches

Measured	from	rocker	panel	to	road
Front			1	Rear	
9.25 ins			The second secon		ins 9 mm

See Note 2



4. Overall length of the car	397.8 cm.	156.6 inches
5. Overall width of the car	160.8 cm.	63 inches
6. Overall height of the car	1320.4 cm.	52.0 inches
7. Capacity of fuel tank (reserve included)		
40.9 ltrs.	10.8 gall. U.S.	gall. Imp.

- 8. Seating Capacity. 4
- 9. Weight. Total weight of the car with normal equipment, water, oil, and spare wheel but without fuel or repair tools:

890 kg.

.958 ...

17.5

cwts.

# NOTE 2.

Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concerned. Specify ground clearance in relation to the track and give drawing of two easily recognisable points at front and rear at which measurements are taken. These ground clearance dimensions are only for information when checking the track and can in no way affect the eligibility of the car.

## NOTE 3.

# CONVERSION TABLE

l inch/pouce l foot/pied l sq. inch/pouce carre l cubic inch/pouce cube l pound/livre (lb)	<ul> <li>2.54</li> <li>30.4794</li> <li>6.452</li> <li>16.387</li> <li>453.593</li> </ul>	cm.	1 quart US 1 pint (pt) 1 gallon Imp. 1 gallon US 1 hundred weight (cwt.)	Ξ	0.9464 0.568 4.546 3.785 50.802	ltrs. ltrs. ltrs.
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F.I.A. Rec. No.

# CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction: separate/unitary construction
- 21. Unitary construction, material(s) steel
- 22. Separate construction, Material(s) of chassis
- 23. Material(s) of coachwork steel
- 24. Number of doors 2 Material(s) steel
- 25. Material(s) of bonnet steel
- 26. Material(s) of boot lid steel
- 27. Material(s) of rear-window toughened glass
- 28. Material(s) of windscreen laminated glass
- toughened glass 29. Material(s) of front-door windows
- 30. Material(s) of rear-door windows
- 31. Sliding system of door windows rotating handle
- toughened glass 32. Material(s) of rear-quarter light

### ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes no optional 39. Air conditioning: yes - no
- 41. Front seats, type of seat and upholstery Bucket P V C 40. Ventilation : yes — 110
- 42. Weight of front seat(s), complete with supports and rails, out of the car:
- 6.45 kg. 14 lbs.
- 43. Rear seats, type of seat and upholstery Bench P V C
- 1.3 each 0.59 each 44. Front bumper, material(s) steel Weight kg. lbs.
- 45. Rear bumper, material(s) Steel 2.5 5.5 Weight kg. lbs.

# WHEELS

- 50. Type Pressed steel disc
- lbs.200z 51. Weight (per wheel, without tyre) 5.94 kg.
- 52. Method of attachment 4 taper nut fixing
- 330 13.0 5.5 ins. 53. Rim diameter 139.7 mm. ins. 54. Rim width

# **STEERING**

- 60. Type Rack and pinion
- 61. Servo-assistance: yes no
- 62. Number of turns of steering wheel from lock to lock 2.7
- 63. In case of servo-assistance N/A

#### **SUSPENSION**

Ford

Make.....

- 70. Front suspension (photograph D), type Independent McPherson Strut
- Coil 71. Type of spring
- 72. Stabiliser (if fitted) Integral with lower arms
- 73. Number of shock absorbers 2
- 74. Type Integral suspension leg telescopic double acting
- 78. Rear suspension (photograph E), type Live axle
- 79. Type of spring . Multi leaf semi-elliptic
- 80. Stabiliser (if fitted) Trailing links
- 81. Number of shock absorbers

82. Type Telescopic double acting

### BRAKES (photographs F and G)

- 90. Method of operation Hydraulic
- 91. Servo-assistance (if fitted), type Hydraulic vacuum
- 92. Number of hydraulic master cylinders Single

12.	reduiber of hydraune master cymiders					1			
93.	Number of cylinders per wheel	2	FRO	TN			l RE	AR	
94.	Bore of wheel cylinder(s)	54.0	mm.	2.126	inches	19.05	mm.	0.75	inches
	Drum Brakes								
95.	Inside diameter		mm.		inches	228.6	mm.	9.0	inches
96.	Length of brake linings		mm.		inches	218.9	mm.	8.62	inches
97.	Width of brake linings		mm.		inches	44.45	mm.	1.75	inches
98.	Number of shoes per brake					1	2		
99.	Total area per brake		mm.2		sq. in.	1946.	4mm. <sup>2</sup>	30.17	sq. in.
	Disc Brakes								
100.	Outside diameter	244.0	mm.	9.6	inches		mm.		inches
101.	Thickness of disc	12.7	mm.	•5	inches		mm.		inches
102.	Length of brake linings	76.2	mm.	3.0	inches		mm.		inches
103.	Width of brake linings	53.34	mm.	2.1	inches		mm.		inches
104.	Number of pads per brake		2						
105.	Total area per brake	6670	mm.2	10.34	sq. in.		mm.2	1	sq. in.

.002 ins

	ENGINE (photographs J and K)
	Cycle Four stroke 131. Number of cylinders 4
	Cylinder Arrangement In line
133.	Bore <b>81.07</b> mm. <b>3.191</b> in. 134. Stroke <b>77.62</b> mm. <b>3.060</b> in.
135.	Capacity per cylinder 400, 2 cm.3 24, 38 cu. in.
136.	Total cylinder capacity 1601 cm. <sup>3</sup> 97.55 cu. in.
137.	Material(s) of cylinder block Gast Iron 138. Material(s) of sleeves (if fitted) steel
139.	Cylinder head, material(s) Cast Iron Number fitted 1
140.	Number of inlet ports 4 141. Number of exhaust ports 4
142.	Compression ratio 9:1 ± .4 ± 2 cc ± .25 cu in
143.	Volume of one combustion chamber 43.6 cm.3 2.65 cu. in.
	Piston, material Aluminium Alloy 145. Number of rings 3
146.	Distance from gudgeon pin centre line to highest point of piston crown 44.2 mm.
147.	Crankshaft: moulded/stamped 148. Type of crankshaft: integral/ cast with balance with
149.	Number of crankshaft main bearings 5
150.	Material of bearing cap Cast Iron
151.	System of lubrication: dry sump/oil in sump
152.	Capacity, lubricant 4.6 ltrs. 8 pts. 4.7 quarts U.S.
153.	Oil cooler: yes/no 154. Method of engine cooling water and fan
	Capacity of cooling system 6.1 ltrs. 11.4 pts. 6.9 quarts U.S.
	Cooling fan (if fitted) dia. 30.483 cm. 12.0 in.
	Number of blades of cooling fan 7
	Bearings
158.	Crankshaft main, type steel backed lead/bronze dia. 53.9 m.m. 2.125 in.
	Connecting rod big end, type steel backed lead/ dia. 49.2 m.m. 1.937 in.
	Weights
160.	Flywheel (clean) 10.09 kg. 22.25 lbs.
161.	Flywheel with clutch (all turning parts) 13.5 kg. 30 lbs.
162.	Crankshaft 10.8 kg. 24 lbs. 163. Connecting rod .66 kg. 1.41 lbs.
164.	Piston with rings and pin 0.05 kg. 1.2 lbs.

F.I.A. Rec. No.

#### **FOUR STROKE ENGINES**

In block 1 170. Number of camshafts 171. Location

172. Type of camshaft drive Chain

173. Type of valve operation Push rod and tappet

### INLET (see page 4)\*

180. Material(s) of inlet manifold Aluminium Alloy

39.62 1.56 ins. 181. Diameter of valves mm.

mm. 0.356 in. 183. Number of valve springs 182. Max. valve lift 9.04

185. Number of valves per cylinder 184. Type of spring Helical coil

0.012 ins. 0.31 mm. 186. Tappet clearance for checking timing (cold)

27 BTDC 187. Valves open at (with tolerance for tappet clearance indicated)

65° ABDC 188. Valves close at (with tolerance for tappet clearance indicated)

189. Air filter, type Paper Element

### EXHAUST (see page 4)\*

Steel tube 195. Material(s) of exhaust manifold

34.03 mm. 1.34 196. Diameter of valves ins.

1 mm. 0.358 198. Number of valve springs 197. Max. valve lift 9.09 in.

Helical coil 200. Number of valves per cylinder 1 199. Type of spring

0.56 mm. 0.022 ins. 201. Tappet clearance for checking timing (cold)

65° BBDC 202. Valves open at (with tolerance for tappet clearance indicated)

27° ATDC 203. Valves close at (with tolerance for tappet clearance indicated)

# CARBURETION (photograph N)

Downdraught 1 211. Type 210. Number of carburettors fitted

32/36 - DGV - FA Weber 212. Make 213. Model

214. Number of mixture passages per carburettor 2

215. Flange hole diameter of exit port(s) of carburettor 31.75/35.7 mm. 1.25/1.43 ins.

216. Minimum diameter of venturi/minimum diam., with piston at maximum height (example: SU)

32/36 1.26/1.41

# **INJECTION** (if fitted)

220. Make of pump 221. Number of plungers

222. Model or type of pump 223. Total number of injectors

224. Location of injectors

225. Minimum diameter of inlet pipe mm. ins.

\* For additional information concerning two-stroke engines and super-charged engines, see page 13.



### **ENGINE ACCESSORIES**

- 230. Fuel pump: mechanical and/or electrical
- 231. No. fitted 1
- 232. Type of ignition system coil & battery
- 233. No. of distributors

234. No. of ignition coils

- 235. No. of spark plugs per cylinder
- 236. Generator, type: dynamo/alternator—number fitted
- 237. Method of drive Belt
- 238. Voltage of generator

12 volts

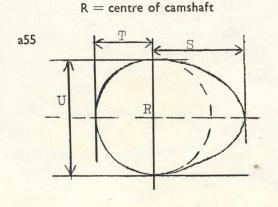
- 239. Battery, number 1
- 240. Location Boot compartment
- 241. Voltage of battery

12 volts

# ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- 250. Max. engine output 66 din (type of horsepower: BHP ) at 5500 r.p.m.

  251. Max. r.p.m. 6500 output at that figure 92 lbs ft at 4000 r.p.m.
- 253. Max. speed of the car km./hour miles/hour not declared by manufacturer in catalogue



Inlet can	1			
s =	19.58	mm.	0.771	inches
T =	13.71	mm.	0.540	inches
U =	27.43	mm.	1.08	inches
	+	0.05 mm	0.002 ins	
Exhaust	cam			
S =	19.61	mm.	0.772	inches
T =	13.71 27.43	mm.	0.54	inches
U =	61.40	mm.	2.00	inches
10				

# 5455

### **DRIVE TRAIN**

#### **CLUTCH**

260. Type of clutch Diaphragm 261. No. of plates

262. Dia. of clutch plates 19.05 cm. 7.5 ins.

263. Dia. of linings, inside 13.65 cm. 5.375 ins. outside 19.05 cm. ins.

264. Method of operating clutch Hydraulic

# GEAR BOX (photograph H)

270. Manual type, make Ford Method of operation Manual

271. No. of gear-box ratios forward 4 272. Synchronized forward ratios 4

273. Location of gear-shift Remote central floor control

274. Automatic, make N/A type N/A

275. No. of forward ratios NA 276. Location of gear shift

277.		anual		omatic		Alternative ma	nual/automatic	
211.	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth	Ratio	No. teeth
	0.07	30 _ 32						
1	2.97	19 × 17					i	
2	2.01	30 _ 28					i	
	2.007	19 × 22						
3	1.39	30 x 23						
4	1.0	Direct		1				
_								
5								
6							i	
reverse								

278. Overdrive, type N/A

279. Forward gears on which overdrive can be selected N/A

280. Overdrive ratio N/A

# FINAL DRIVE

- 290. Type of final drive Semi floating hypoid 291. Type of differential Two pinion
- 292. Type of limited slip differential (if fitted) Salisbury four pinion
- 293: Final drive ratio 3.7 : 1 Number of teeth



IMPORTANT—The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars): 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 186, 187, 188, 189, 201, 202, 203, 212, 213, 215, 216 222, 225, 230, 250, 251, 252, 253, 255 photographs I, M and N and page 4.

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration: 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B, D, E, F, G, H, J, K and O.

The vehicle described in this form has been subject to the following amendments:

on 19 rec. no	List on	19rec. no	List
on 19 rec. no	Liston	19rec. no	List
on19 rec. no			
on			
		19 rec. no	

Optional equipment affecting preceding information. This to be stated together with reference number.

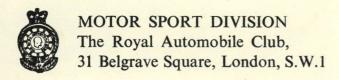
- (1) For all machined surfaces allow 0.75%
- (2) For all non-machined surfaces allow 2%
- (3) For weights of all part-machined parts allow 2.5%
- (4) For weights of all completely machined parts allow 1.25%

#### Notes

(1) Alternative exhaust manifold (different supplier)



Bore 1.61 ins



Manufacturer

Model ESCORT MEXICO

F.I.A. Recognition No. 5455

Amendment No.

Amendment to Form of Recognition

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Reference No.

ART. 9: Weight
860 Kilos 1892.0 lbs. 16.92 cwt.

62. Number of turns lock to lock: 3.5

Manufacturet

Woodel

F.L.A. Nooversteau Au.

Vinjend vom Wa.

MOTERY, 25 Mexus.

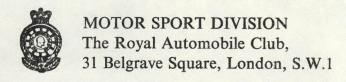
MOTERY, 25 Mexus.

MOTERY, 26 Mexus.

MOTERY, 26 Mexus.

limenament to Form of Roccyulina

PEDERATION INTERIOR VIOLENCE DE L'AUTOMORIAE



Manufacturer FORD

Model MEXICO

F.I.A. Recognition No. 5455

Amendment No. 2/26

Amendment to Form of Recognition

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No. | Reference No.

#### PRODUCTION EVOLUTION

1973 Production level changes:
New underbonnet layout:
Relocation of battery in engine compartment
See picture No 1

Alternative wheel fitted in production

51 Wt 5.94 kg 13 lbs 2 ozs

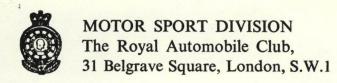
53 Dia 13.0 ins 330 mm

54 Rim 139.7 mm 5.5 ins

See Picture II

## Erratum

Ref 3.	52.5 ins	1333.5 mm
143	50.0 cm <sup>3</sup>	3.05 cu in •
163	1.41 lbs	0.639 kg
162	10.88 kg	24 lbs
165•	0.54 kg	1.2 lbs
216	26/27 mm	1.023/1.063 ins
277	3rd gear rat	$\frac{30}{19} \times \frac{23}{26}$
		19 × 26



Manufacturer FORD

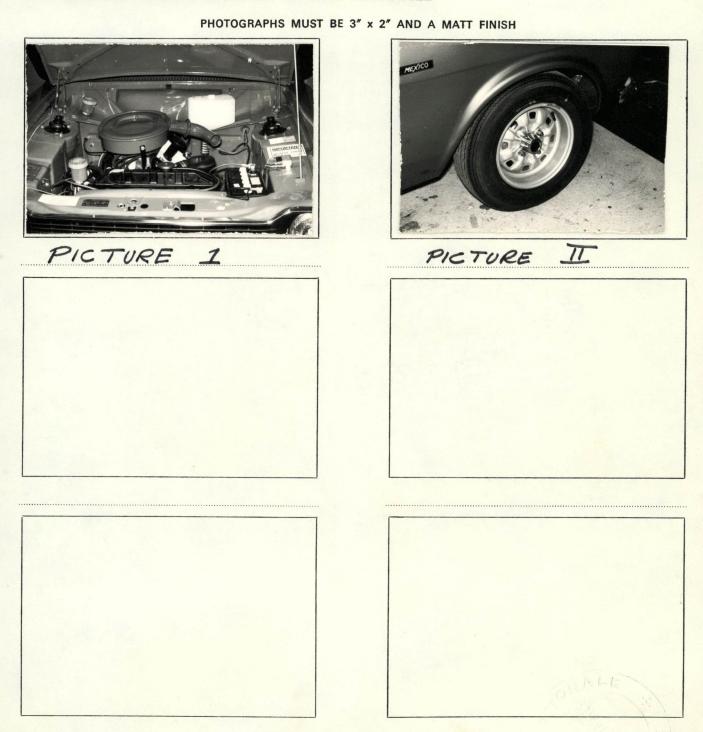
MEXICO

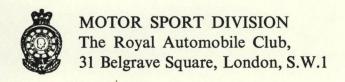
Model

F.I.A. Recognition No. 5455

Amendment No. 2/25

# Amendment to Form of Recognition FEDERATION INTERNATIONALE DE L'AUTOMOBILE





Manufacturer FORD

Model ESCORT MEXICO

F.I.A. Recognition No. 5455

Amendment No. 3/3E

Amendment to Form of Recognition

#### FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

PRODUCTION EVOLUTION

1973 Production level change

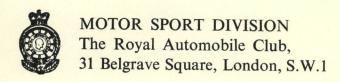
Different oil-pump pick-up pipe

Part No. H731F 6K621 BA

#### ERRATUM

6. Overall height of the car 132.04 cm

Date amendment is valid from 1 4 73



Manufacturer FORD

Model ESCORT MEXICO

F.I.A. Recognition No. 5455

Amendment No. 4/4 F

Amendment to Form of Recognition

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

PRODUCTION EVOLUTION

1973 Production level change

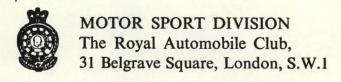
New steering wheel (ref. Picture C)

PRODUCTION EVOLUTION

1973 Production level change

New exhaust manifold (reference picture Q and note 1 on page 12)

Part No H721F 9430 AA



Manufacturer FORD

Model ESCORT MEXICO

F.I.A. Recognition No. 5455

Amendment No. 4/4 E

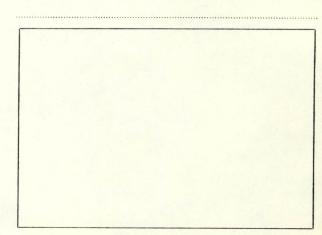
# Amendment to Form of Recognition FEDERATION INTERNATIONALE DE L'AUTOMOBILE

PHOTOGRAPHS MUST BE 3" x 2" AND A MATT FINISH



PICTURE C





PICTURE Q - Bore 1.61 inches



Manufacturer Ford

Model Escort Mexico

F.I.A. Recognition No. 5455

Amendment No. 5 / IV

Amendment to Form of Recognition

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE VALID IN GROUP.....

COMMISSION SPORTIVE

00119 08.5.73

INTERNATIONALE

No.

Reference No.

#### VARIANT

Alternative axle ratio fitted in production

Final Drive ratio: 4.44:1

Number of teeth: 40/9



Manufacturer FOR	2D
Model ESCORT	MEXICO
F.I.A. Recognition No.	5455
Amendment No	SE

COMMISSION SPORTIVE

INTERNATIONALE

16.1173

01452

Amendment to Form of Recognition

## FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

ERRATA

Item 142 9.1 : 1 + 0.4

Item 143 49.35 cc - 2.4 cc (0.146 cu ins)

Thickness of cylinder head gasket when compressed 0.040 ins 1.1 mm



Manufacturer	FORD
Model	ESCORT MEXICO
SPOPTA Recogn	escort MEXICO
10000	2/16

GOMMISSION BOH 00424

1 . 2 Amendment No.

INTERNATIONALE

Amendment to Form of Recognition

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE

No.

Reference No.

Revised rear suspension Evolution in Production Asphoto E below



Revised front suspension top mount Evolution in production Part No. 73 EB 5425 AlB



ManufacturerFORD	
ModelMEXI	co
F.I.A. Recognition No.	5455
Amendment No8	/7E

Amendment to Form of Recognition

# FEDERATION INTERNATIONALE DE L'AUTOMOBILE VALID IN GROUP.....

COMMISSION SPORTIVE 61337 13.5.74 INTERNATIONALE

No.

Reference No.

Production Evolution

Bucket, cloth or P.V.C. Alternative suppliers 41

Ref. picture C.

