

# FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

FICHE D'HOMOLOGATION CONFORME A L'ANNEXE J DU CODE SPORTIF INTERNATIONAL  
POUR LES VOITURES DES GROUPES 1 A 5

BOOK OF RECOGNITION IN ACCORDANCE WITH APPENDIX J TO THE INTERNATIONAL  
SPORTING CODE FOR CARS OF GROUPS 1 TO 5

Constructeur/Manufacturer Chrysler UK Ltd Modèle / Model Avenger 1600 GT  
Cylindrée / Cylinder capacity 1598cc  
Constructeur du châssis / Chassis Manufacturer Chrysler UK Ltd  
Constructeur du moteur / Engine Manufacturer Chrysler UK Ltd  
Homologation valable à partir du / Recognition valid as from 1.4.71  
Modèle homologué en groupe 1 Numéro d'homologation 5719  
Model recognized in group Recognition number  
Photo A : voiture vue de 3/4 AV Photo B : voiture vue de 3/4 AR  
Photo A : 3/4 view of car from front Photo B : 3/4 view of car from rear



## CARACTÉRISTIQUES GÉNÉRALES / GENERAL CHARACTERISTICS :

- 1) Mode de construction : construction séparée / monocoque. Unitary  
Type of car construction : separate / unitary construction.
- 2) Matériau du châssis Steel Matériau de la carrosserie Steel  
Material of chassis Material of coachwork
- 3) Empattement droit 2490 mm. 98 in. Gauche 2490 mm. 98 in.  
Wheelbase right Left
- 4) Largeur de la carrosserie mesurée aux axes AV 1590 mm 62.5 in  
Width of bodywork measured at front axle
- 5) Largeur de la carrosserie mesurée aux axes AR 1590 mm 62.5 in.  
Width of bodywork measured at rear axle
- 6) Longueur hors-tout avec pare-chocs 4100 mm 161.4 in. Sans pare-chocs 4024 mm 158.4 in.  
Overall length with bumpers Without bumpers
- 7) Type de suspension : AV Independent AR Live axle - 4 links.  
Type of suspension : Front - strut Rear

(Photo D)

(Photo E)

Signature et cachet de  
l'autorité sportive nationale,

Signature et cachet  
de la F.I.A.,



*[Handwritten signature]*

NOTA : Les pages 1 à 7 comportent toutes les indications nécessaires à la vérification technique pour les Groupes 2 et 4.  
Pages 1 to 8 include all necessary information for the scrutineering of cars for groups 2 and 4.



Marque / Make Chrysler Modèle / Model Aventor 1600GT N° \_\_\_\_\_

**MOTEUR :**

- 8) Cycle \_\_\_\_\_ 4 stroke
- 9) Nombre et disposition des cylindres  
Number and disposition of cylinders \_\_\_\_\_ 4, in line
- 10) Système de refroidissement  
Cooling system \_\_\_\_\_ Water
- 11) Emplacement et position du moteur  
Location and position of engine \_\_\_\_\_ Front - fore & aft.
- 12) Matériau du bloc moteur  
Material of engine block \_\_\_\_\_ Iron
- 13) Roues motrices : AV - AR  
Drive wheels : Front - Rear \_\_\_\_\_ Rear
- 14) Emplacement de la boîte de vitesses  
Location of gear-box \_\_\_\_\_ Behind engine

**CARROSSERIE ET ÉQUIPEMENT INTÉRIEUR / COACHWORK AND INTERIOR**

- 20) Nombre de portes  
Number of doors \_\_\_\_\_ 2
- 21) Matériau des portes : AV  
Material of doors : Front \_\_\_\_\_ Steel AR \_\_\_\_\_  
Rear \_\_\_\_\_ —
- 22) Matériau du capot moteur  
Material of bonnet \_\_\_\_\_ Steel
- 23) Matériau du capot coffre  
Material of boot lid \_\_\_\_\_ Steel
- 24) Matériau de la lunette AR  
Material of rear window \_\_\_\_\_ Glass
- 25) Matériau du pare-brise  
Material of windscreen \_\_\_\_\_ Glass
- 26) Matériau des glaces des portières AV  
Material of front door windows \_\_\_\_\_ Glass
- 27) Matériau des glaces des portières AR  
Material of rear door windows \_\_\_\_\_ Glass
- 28) Système d'ouverture des vitres portières AV  
Sliding system of door windows Front \_\_\_\_\_ Vertical-winding AR \_\_\_\_\_  
Rear \_\_\_\_\_ Front hinged - optional
- 29) Matériau des glaces de custode  
Material of rear quarter lights \_\_\_\_\_ Glass
- 30) Poids siège (s) AV (enlevés de la voiture avec dossiers, glissières et supports)  
Weight of front seat(s) (complete with supports and rails, out of the car) \_\_\_\_\_ 10kg \_\_\_\_\_ 22lb
- 31) Matériau du pare-choc AV  
Front bumper material \_\_\_\_\_ Steel Poids \_\_\_\_\_  
Weight \_\_\_\_\_ 3.45kg \_\_\_\_\_ 7.55lb
- 32) Matériau du pare-choc AR  
Rear bumper material \_\_\_\_\_ Steel Poids \_\_\_\_\_  
Weight \_\_\_\_\_ 4.15kg \_\_\_\_\_ 9.15lb
- 33) Ventilation : oui non / yes no. \_\_\_\_\_





Marque / Make Chrysler Modèle / Model Avenger 1600 GT N° 5719

**DIRECTION / STEERING**

- 40) Type Rack & pinion  
 41) Servo-assistance —

**SUSPENSION**

- 45) Suspension AV (photo D) Type de ressort Coil  
 Front suspension (photo D) Type of spring  
 46) Nombre d'amortisseurs 1 per wheel  
 Number of shock absorbers  
 47) Suspension AR (Photo E) Type de ressort Coil  
 Rear suspension (Photo E) Type of spring  
 48) Nombre d'amortisseurs 1 per wheel  
 Number of shock absorbers  
 49) Système de fixation des roues studs & nuts  
 Method of fixation of wheels

**FREINS - BRAKES**

- 50) Système Hydraulic  
 Method of operation  
 51) Servo frein (si prévu) Type : Direct acting  
 Servo assistance (if fitted) Type :  
 52) Nombre de maîtres-cylindres 1  
 Number of master-cylinders

	AVANT / FRONT	ARRIERE / REAR
53) Nombre de cylindres par roue Number of cylinders per wheel	2	1
54) Alésage Bore	48.1 mm 1.89 in	15.9 mm 0.625 in
<b>Freins à tambour / Drum brakes</b>		
55) Diamètre intérieur Inside diameter	—	203.2 mm 8.0 in.
56) Nombre de mâchoires par frein Number of shoes per brake	—	2
57) Surface de freinage par frein Total area per brake	—	150 cm <sup>2</sup> 23.0 in <sup>2</sup>
<b>Freins à disques / Disc brakes</b>		
58) Largeur des sabots Width of brake linings	47.5 mm 1.87 in	—
59) Nombre de sabots par frein Number of pads per brake	2	—
60) Surface de freinage par frein Total area per brake	56.1 cm <sup>2</sup> 8.7 in <sup>2</sup>	—





**MOTEUR / ENGINE**

- 65) Alésage Bore 87.35 mm 3.440 in.
- 67) Course Stroke 66.67 mm 2.625 in.
- 68) Cylindrée totale Total cylinder-capacity 97.6 in<sup>3</sup> 1598cc 69) Cylindrée maximum autorisée Maximum cylinder-capacity allowed —
- 70) Culasse : matériau Head : material Iron 71) Nombre Number 1
- 72) Type de vilebrequin Type of crankshaft Integral Coulé / estampé Moulded / stamped Cast
- 73) Nombre de paliers de vilebrequin Number of crankshaft main bearings 5
- 74) Diamètre maximal des manetons de vilebrequin Maximum diameter of the big end journal 50.8 mm 2.00 in
- 75) Tête de bielle : type Connecting rod big end type Steel backed shell bearings 50.8 mm 2.00 in I.Dia. diamètre 54.52mm 2.147 in O.Dia.
- 76) Matériau des chapeaux des paliers de vilebrequin Material of bearing cap Iron
- 77) Matériau du volant moteur Material of flywheel Iron
- 78) Matériau du vilebrequin Crankshaft material Iron
- 79) Matériau de la bielle Connecting rod material Steel
- 80) Système de graissage : carter sec - carter humide Lubrication system : dry-sump - oil in sump Oil in sump
- 81) Nombre de pompes à huile Number of oil pumps 1

**Moteur 4 temps / 4 stroke engines**

- 82) Nombre d'arbres à cames Number of camshafts 1 Emplacement Location Cyl. block
- 83) Système de commande Type of camshaft drive Chain
- 84) Système de commande des soupapes Type of valve operation Rockers & pushrod
- 85) Nombre de soupapes d'admission par cylindre Number of inlet valves per cylinder 1
- 86) Nombre de soupapes d'échappement par cylindre Number of exhaust valves per cylinder 1
- 87) Nombre de distributeurs Number of distributors 1
- 88) Nombre de bougies par cylindre Number of spark plug per cylinder 1









Photo C



Photo D

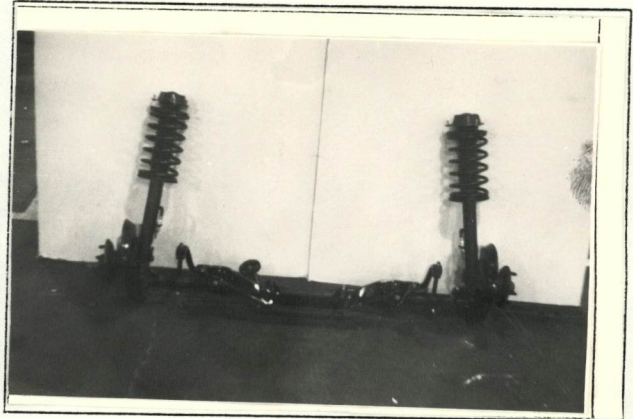


Photo E

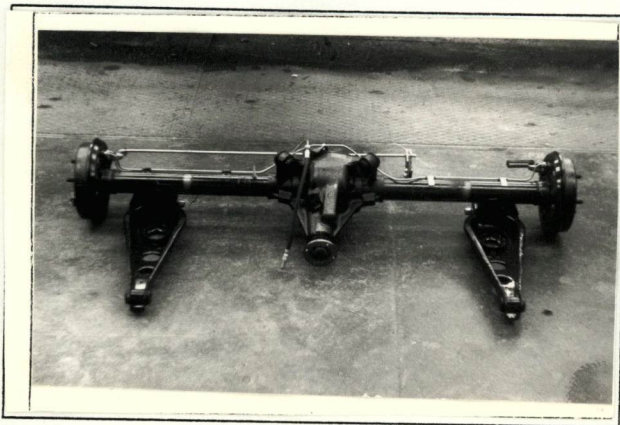


Photo F

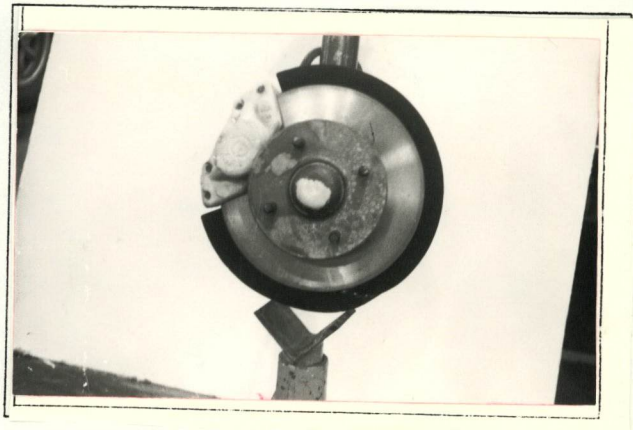


Photo G



Photo H

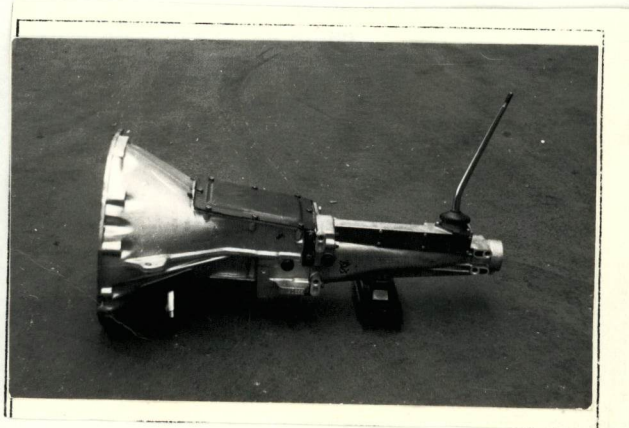


Photo I

Vue du moteur, profil droit, sans accessoires, sans collecteur(s) sans alimentation ni ventilateur.  
 View of the engine, right side, without accessories, without manifold(s) intake nor fan.

Photo J

Vue du moteur, profil gauche, sans accessoires, sans collecteur(s) sans alimentation ni ventilateur.  
 View of the engine, left side, without accessories, without manifold(s) intake nor fan.





Marque / Make

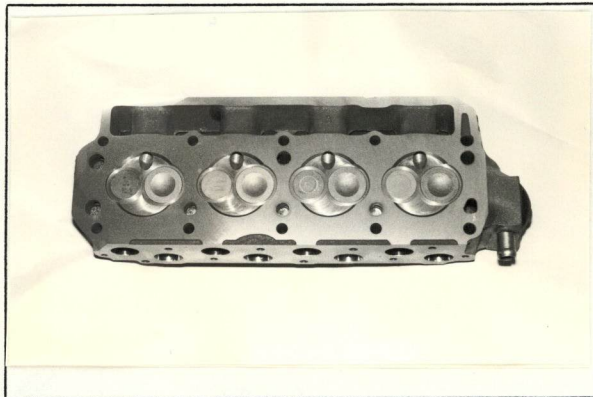
Chrysler

Modèle / Model

Avenger 1600GT N°

5719

Photo K



**Informations supplémentaires**

**Additional informations.**





Marque / Make Chrysler

Modèle / Model Avenger 1600 GT N°

**5719**

COMPLÉMENT POUR LES GROUPES 1 ET 3  
DU CODE SPORTIF INTERNATIONAL

ADDITIONAL DATA FOR GROUPS 1 AND 3  
TO THE INTERNATIONAL SPORTING CODE

**CAPACITÉS ET DIMENSIONS / CAPACITIES AND DIMENSIONS**

- 110) Voie AV / Front track 1290 ± 6 mm 50.8 ± .25 in
- 111) Voie AR / Rear track 1300 ± 6 mm 51.1 ± .25 in
- 112) Garde au sol (pour vérification de la voie)  
Ground clearance (for verification of the track) 166 mm 6.5 in.
- 113) Hauteur hors-tout de la voiture / Overall height of the car \_\_\_\_\_
- 114) Capacité du réservoir d'essence (y compris la réserve)  
Fuel tank capacity (including reserve) 45.5 ltrs 10 galls.
- 115) Nombre de places 4 116) Poids 830 kg 1830 lb 16.35 cwt.  
Seating capacity \_\_\_\_\_ Weight \_\_\_\_\_

**EQUIPEMENT ET GARNITURES / ACCESSORIES AND UPHOLSTERY**

- 120) Chauffage intérieur : oui - non Yes  
Interior heating : yes - no
- 121) Climatisation (sur option) : oui - non No  
Air conditioning (in option) : yes - no
- 122) Sièges AV : type Separate, bucket - reclining & folding  
Front seats : type \_\_\_\_\_
- 123) Sièges AR : type Bench  
Rear seats : type \_\_\_\_\_

**ROUES / WHEELS**

- 124) Matériau Steel  
Matériel \_\_\_\_\_
- 125) Poids unitaire (roue nue) 13.5 lb 6.1 kg (tolérance ± 5%)  
Unitary weight (bare wheel) \_\_\_\_\_
- 126) Diamètre de la jante 330 mm 13.0 in.  
Rim diameter \_\_\_\_\_
- 127) Largeur de la jante 127 mm 5.0 in  
Rim width \_\_\_\_\_

**SUSPENSION**

- 130) Stabilisateur AV (si prévu) Yes  
Front stabilizer (if fitted) \_\_\_\_\_
- 131) Stabilisateur AR (si prévu) No  
Rear stabilizer (if fitted) \_\_\_\_\_





Marque / Make Chrysler Modèle / Model Aventor 1600GT N° 5719

**MOTEUR / ENGINE**

- 135) Cylindrée par cylindre / Capacity per cylinder 399.5 cc 24.4 in<sup>3</sup>
- 136) Chemises : oui / non  
Sleeves : yes / no. Possibly - production variant.
- 137) Nombre d'orifices d'admission par cylindres  
Number of inlet ports per cylinder 1
- 138) Nombre d'orifices d'échappement par cylindre  
Number of exhaust ports per cylinder 1
- 139) Rapport volumétrique  
Compression ratio 9.4 ± 0.5
- 140a) Volume de la chambre de combustion (minimum) 47.6cc inc head, gasket, top piston land & below block face.  
Volume of the combustion chamber
- 140b) Volume de la chambre de combustion dans la culasse  
Volume of combustion chamber in head 12.9 .79 .3  
12.3 cc .75 in.
- 141) Épaisseur du joint de culasse  
Thickness of head gasket inter tightened .07 .038  
.89 mm .035 in.
- 142) Piston, matériau  
Piston, material Aluminium
- 143) Nombre de segments  
Number of rings 3
- 144) Distance de la médiane de l'axe du piston au sommet du piston  
Distance from gudgeon pin center line to highest point of piston crown 44.1 1.735  
44.0mm 1.732 in.
- 145) Capacité du réservoir - carter  
Capacity, lubricant 3.7 lbs 6.5 pts
- 146) Radiateur d'huile : oui - non  
Oil cooler : yes - no No
- 147) Capacité du circuit de refroidissement  
Capacity of cooling system 7.3 lbs 12.9 pts.
- 148) Ventilateur (si prévu), diamètre  
Cooling fan (if fitted), diameter 356mm 14.0 in Matériau Plastic - viscous coupling drive.  
Material
- 149) Nombre de pales du ventilateur  
Number of fan blades 5
- 150) Paliers vilebrequin, type Steel backed diamètre 53.980 2.1252  
Crankshaft main bearings, type shell bearings diamètre 53.962 mm. 2.1242 in.  
diameter
- 151) Poids volant (nu)  
Weight of flywheel (clean) 6.90 15.3  
6.17 Kg 13.6 Lb.
- 152) Poids du volant avec couronne de démarreur  
Weight of flywheel with starter ring 7.82 17.3  
7.09 Kg 15.6 Lb.
- 153) Poids du volant avec embrayage  
Weight of flywheel with clutch 12.81 28.3  
11.62 Kg 25.6 Lb.
- 154) Poids du vilebrequin  
Weight of crankshaft 11.52 25.4  
10.44 Kg 23.0 Lb.
- 155) Poids de la bielle  
Weight of con-rod .771 1.70  
.699 Kg 1.54 Lb.
- 156) Poids du piston avec axe et segments  
Weight of piston with rings and pin .703 1.55  
.699 Kg 1.41 Lb.





**ADMISSION / INLET**

- 160) Matériau du collecteur d'admission  
Material of inlet manifold Steel
- 161) Diamètre extérieur des soupapes  
Outside diameter of valves 42.06 1.656  
41.96 mm 1.652 in.
- 162) Levée maximum des soupapes  
Maximum valve lift 10.8 mm .425 in.
- 163) Nombre de ressorts par soupape  
Number of springs per valve 2
- 164) Type de ressort  
Type of spring Coil
- 165) Jeu théorique pour le calage de la distribution  
Theoretical timing clearance .25 mm .010 in
- 166) Avance d'ouverture (avec jeu théorique)  
Valves open at (With tolerance for tappet clearance indicated) 44° B.T.D.C.
- 167) Retard de fermeture  
Valves close at 78° A.B.D.C.

**ÉCHAPPEMENT / EXHAUST**

- 170) Matériau du collecteur d'échappement  
Material of exhaust manifold Steel
- 171) Diamètre extérieur des soupapes  
Outside diameter of valves 33.9 mm 1.34 in.
- 172) Levée maximum des soupapes  
Maximum valve lift 10.6 mm .419 in
- 173) Nombre de ressorts par soupape  
Number of springs per valve 2
- 174) Type de ressort  
Type of spring Coil
- 175) Jeu théorique pour le calage de la distribution  
Theoretical timing clearance .41 mm .016 in
- 176) Avance d'ouverture (avec jeu théorique)  
Valves open at (with tolerance for tappet clearance indicated) 69° BBDC.
- 177) Retard de fermeture  
Valves close at 23° A.T.D.C.

**ALIMENTATION PAR CARBURATEURS / CARBURATION**

- 180) Nombre de carburateurs  
Number of carburetors 2
- 181) Type Horizontal
- 182) Marque Weber 183) Modèle 40 DCOE  
Make Model
- 184) Nombre de passages de gaz par carburateur  
Number of mixture passages per carburetor 2





Marque / Make Chrysler Modèle / Model Avenger 1600GT N° 5719

185) Diamètre de la tubulure de gaz à la sortie du carburateur  
Flange hole diameter of exit port of carburettor 40 mm

186) Diamètre du diffuseur au point d'étranglement maximum  
Minimum diameter of venturi 32 mm

**Injection** (si prévue) (if fitted)

187) Marque de la pompe  
Make of pump —

188) Nombre de pistons  
Number of plungers —

189) Modèle ou type de la pompe  
Model or type of pump —

190) Nombre total d'injecteurs  
Total number of injectors —

191) Emplacement des injecteurs  
Location of injectors —

192) Diamètre de la pipe d'admission au point de passage le plus étroit  
Minimum diameter of inlet pipe —

**ÉQUIPEMENT DU MOTEUR / ENGINE ACCESSORIES**

195) Pompe à essence - mécanique et/ou électrique  
Fuel pump - mechanical and/or electrical Mechanical

196) Nombre  
Number 1

197) Type du système d'allumage  
Type of ignition system Coil

198) Nombre de bobines  
Number of ignition coils 1

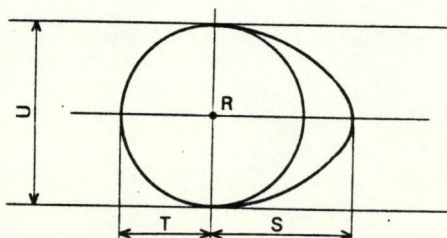
199) Génératrice : type Alternator Nombre  
Generator : type 1

200) Système d'entraînement  
Method of drive 'V' belt

201) Batterie / Battery  
a) Tension 12 b) Emplacement  
Voltage Location Engine compartment

205) Arbres à cames / Camshaft

R : Centre



Camé admission  
Inlet cam

Camé échappement  
Exhaust cam

S = 21.9 mm .862 inches

S = 21.9 mm .862 inches

T = 14.5 mm .572 inches

T = 14.5 mm .572 inches

U = 29.1 mm 1.145 inches

U = 29.1 mm 1.145 inches





**TRANSMISSION AUX ROUES / WHEEL DRIVE**

**Embrayage / clutch**

- 210) Type Diaphragm spring
- 211) Diamètre / Diameter 191mm 7.5in
- 212) Diamètre des garnitures : intérieur 136.5mm 5.375in extérieur 191mm 7.5in  
 Diameter of linings : interior outside
- 213) Nombre de disques 1  
 Number of discs

**Boîte de vitesses / Gear-box**

- 215) Nombre de rapports AV synchronisés 4  
 Number of forward synchronised ratios
- 216) Emplacement de la commande Floor - central  
 Location of the gear lever
- 217) Boîte automatique - emplacement de la commande —  
 Automatic gear-box - location of gear lever
- 218) Surmultiplication - type —  
 Overdrive type
- 219) Rapport de surmultiplication —  
 Overdrive ratio

**Pont moteur - Final drive**

- 220) Type du pont autobloquant (si prévu) —  
 Type of limited slip differential (if provided)
- 221) Nombre de dents du couple conique 35 : 9 ou 35 : 8  
 Number of teeth of final drive or
- 222) Rapport au couple conique 3.89 ou 4.375  
 Final drive ratio or





Photo K



Photo L

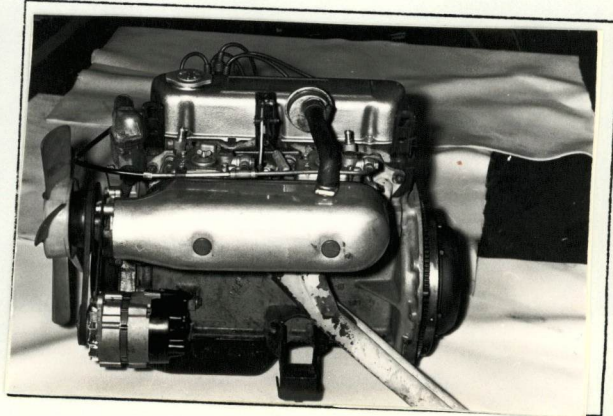


Photo M

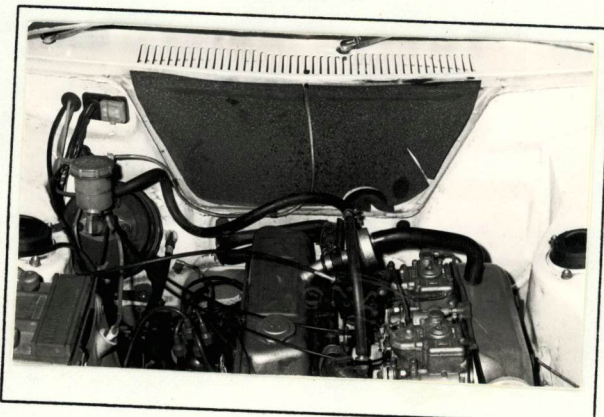


Photo N



Photo P

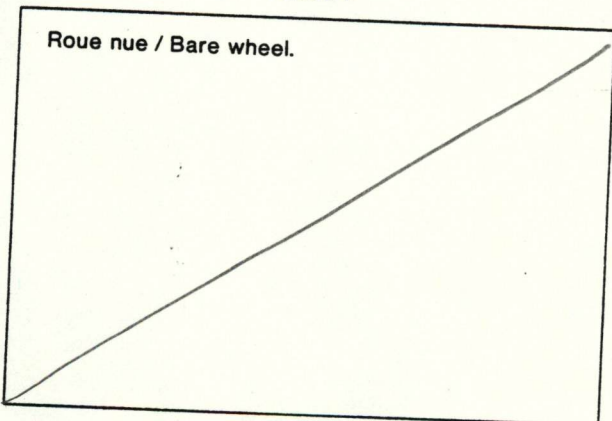


Photo Q

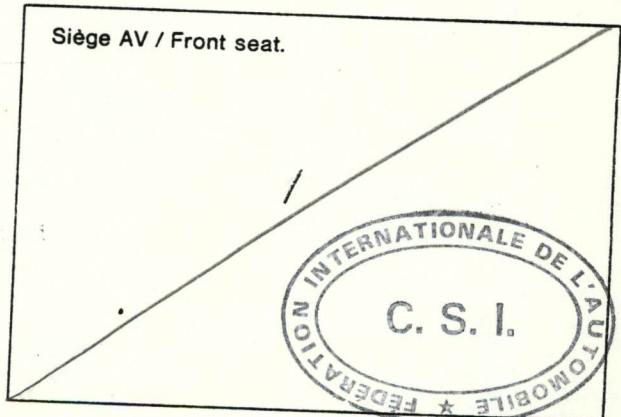


Photo R

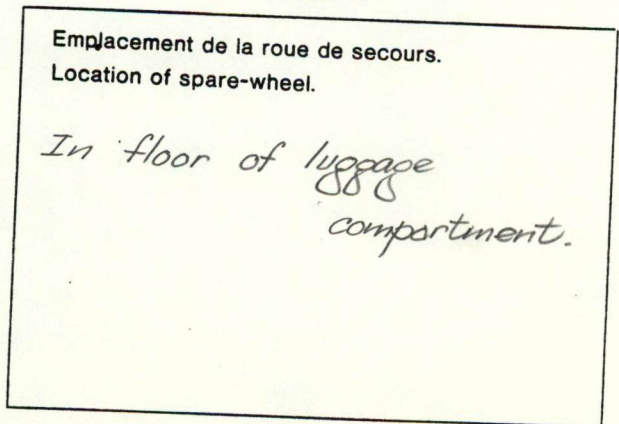
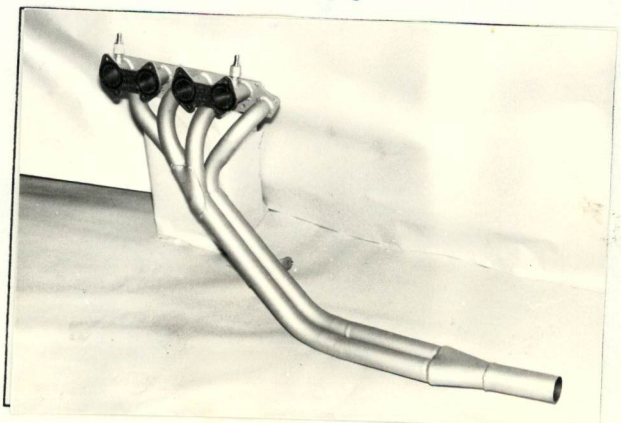


Photo S

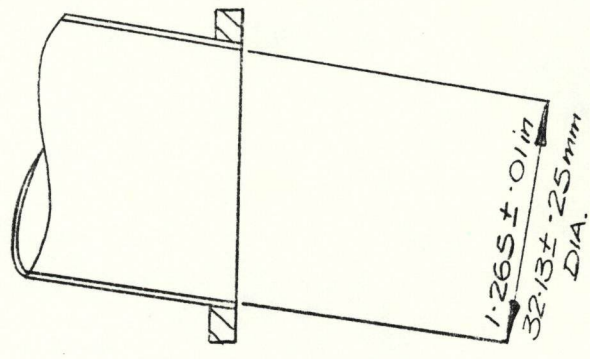




Dessin orifices collecteur admission, face côté culasse.

Drawing inlet manifold ports, side of cylinderhead.

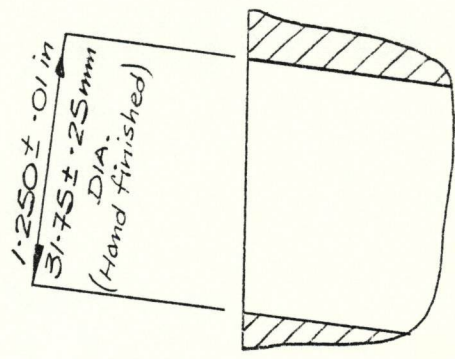
avec dimensions  
with



Dessin orifices admission culasse face collecteur.

Drawing of entrance to inlet port of cylinderhead.

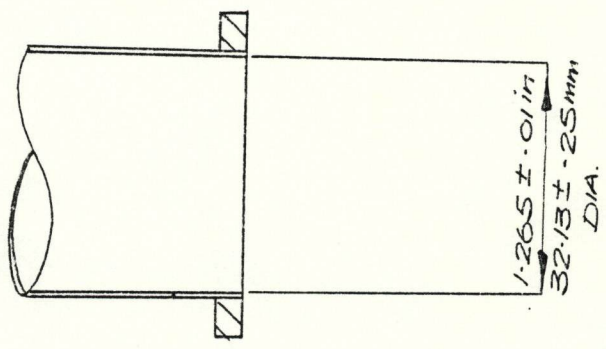
avec dimensions  
with



Dessin orifices collecteur échappement face côté culasse.

Drawing of exhaust manifold ports, side of cylinderhead.

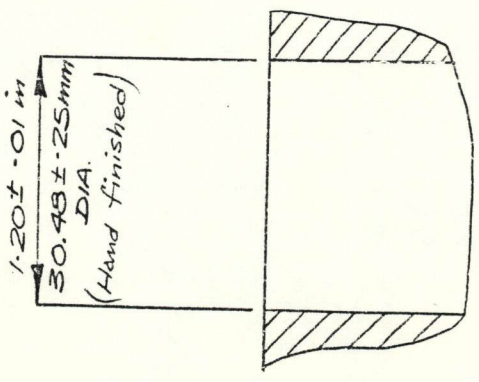
avec dimensions  
with



Dessin orifices échappement culasse face collecteur.

Drawing of exit to exhaust port cylinderhead.

avec dimensions  
with





Marque / Make Chrysler

Modèle / Model Avenger 1600BT N°

5719

Photo T

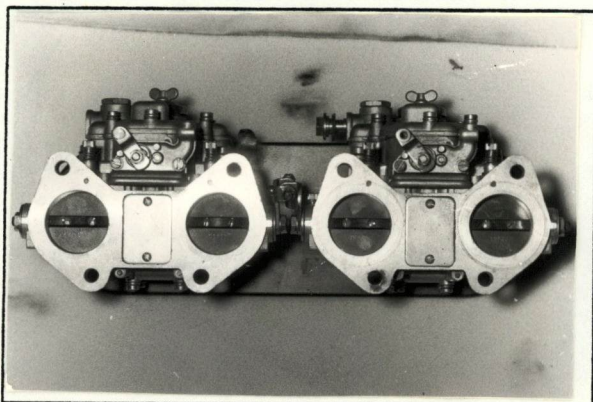


Photo U

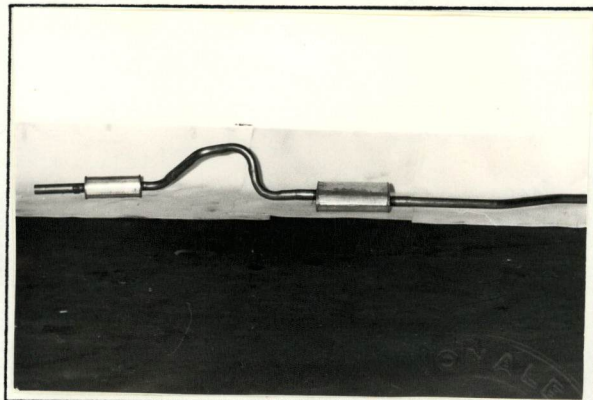


Photo V

Collecteur d'échappement.  
Exhaust manifold.

*Combined with inlet  
manifold.*

**Informations supplémentaires**

**Additional informations**

*In accordance with Chrysler  
marketing policy, this vehicle  
is offered in certain territories  
with the following names: -  
Dodge, Sunbeam, Plymouth.*

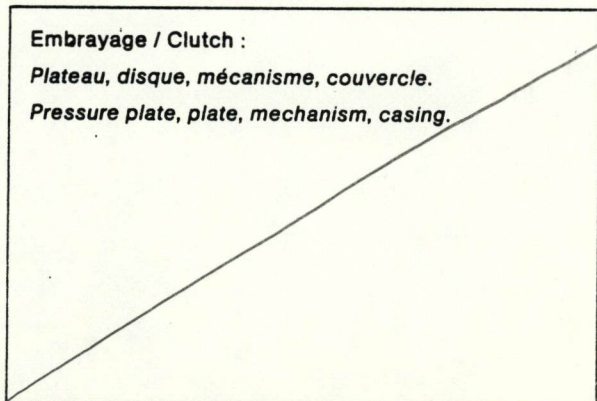


Photo W

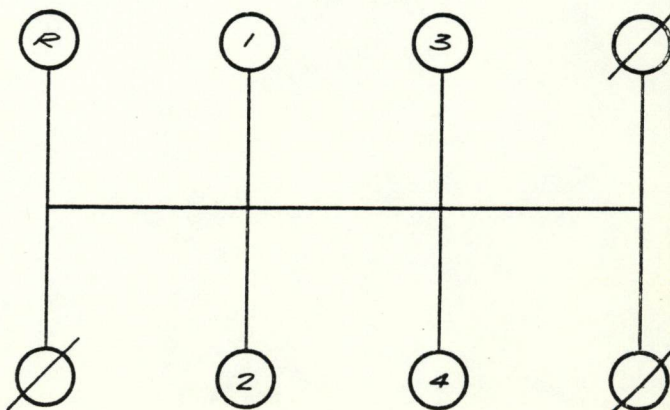
Embrayage / Clutch :

Plateau, disque, mécanisme, couvercle.

Pressure plate, plate, mechanism, casing.



Grille de vitesses  
Gear change gate





5719



MOTOR SPORT DIVISION  
The Royal Automobile Club  
31 Belgrave Square, London SW1X 8QH

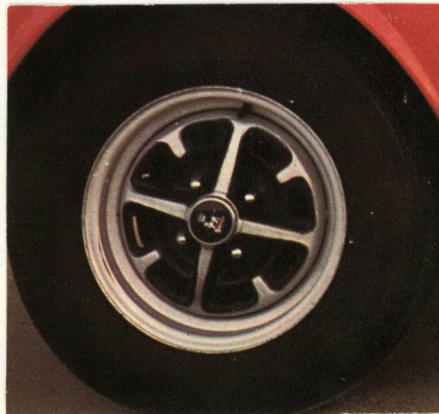
Manufacturer Chrysler  
Model Aventor 1600 GT  
F.I.A. Recognition No. \_\_\_\_\_  
Amendment No. 01/01E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP.....1.....

No.	Reference No.		
	<u>110</u>	<u>Alternative supplier - roadwheel.</u>	<u>Part no: - 71264072.</u>
<u>110</u>		<u>Front track:-</u>	<u>1308 mm      51.5 in.</u>
<u>111</u>		<u>Rear track:-</u>	<u>1315 mm      51.8 in.</u>
<u>124</u>		<u>Material:-</u>	<u>Steel</u>
<u>125</u>		<u>Weight:-</u>	<u>15.5 Lb.      7.04 kg</u>
<u>127</u>		<u>Rim width:-</u>	<u>127 mm      5.0 in.</u>



Date amendment is valid from 1.4.72

Stamp of F.I.A./R.A.C.



5719



MOTOR SPORT DIVISION  
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31 Belgrave Square, London SW1X 8QH

Manufacturer Chrysler  
Model Avenger 1600 GT  
F.I.A. Recognition No. \_\_\_\_\_  
Amendment No. 2/2E

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP ..... 1 .....

No.	Reference No.		
	<u>(1.10.72 - 5/4E)</u>		
	Part no:-	72270036.	
110	Front track:-	1333.5 mm ± 6	52.5 in ± .25
111	Rear track :-	1341 mm ± 6	52.8 in ± .25
124	Material :-	aluminium alloy	
125	Weight :-	11.5 Lb.	5.2 kg
127	Rim width:-	140 mm	5.5 in



Date amendment is valid from 1.10.72

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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 3/1V

**5719**

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP.....1.....**

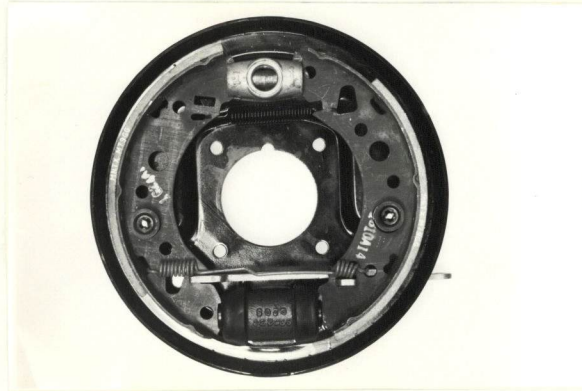
No.

Reference No. Supply Variant (1.1.74 - 1B/1V)

Rear brake assembly - alternative supplier.

54

Rear wheel cyl bore:- 17.46mm - 6875 in.



Date amendment is valid from 1.1.74

Stamp of F.I.A./R.A.C.





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Manufacturer Chrysler  
 Model Avenger 1600GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 4/2V

**5719**

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP .....1.....**

No.

Reference No. Supply Variant (1.4.74 - 19/12V)

212

*Alternative clutch supplier.*

*I. Dia of linings :- 13.33 cm 5.25 in*

Production Option (1.7.75 - 34/21V)

*Steering unit part no 71203215-RH, 71203233-LH.*

*No. turns from lock to lock:- 2.3*



Date amendment is valid from 1.4.74

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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 513E

**5719**

Amendment to Form of Recognition

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP.....1.....**

No.	Reference No.	
	<u>Normal Evolution</u>	<u>(1.10.74 - 32/12E)</u>
162	Max valve lift (inlet):-	10.24mm      .403 in.
166.	Inlet valve opens:-	64° B.T.D.C.
167.	Inlet valve closes:-	91° A.B.D.C.
172.	Max. valve lift (exhaust):-	10.08mm      .397 in.
176.	Exhaust valve opens:-	74° B.B.D.C.
177.	Exhaust valve closes:-	46° A.T.D.C.
206.	Inlet & exhaust cams:-	
	S =	21.59      .850
		21.46 mm.      .845 in.
	T =	14.61      .575
		14.48 mm      .570 in.
	U =	29.46      1.160
		29.21 mm      1.150 in.



*[Handwritten signature]*

Date amendment is valid from 1.10.74

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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 6/4E

**5719**

Amendment to Form of Recognition

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP ..... 1 .....**

No. \_\_\_\_\_ Reference No. Normal Evolution (1.7.75 - 36/14E)  
*Certain export territories, to commonise with larger engined Avenger produced locally.*

96

	Gearbox ratios	No. teeth.	
1	2.796	$\frac{23}{17}$	$\frac{31}{15}$
2	1.729	$\frac{23}{17}$	$\frac{23}{18}$
3	1.285	$\frac{23}{17}$	$\frac{19}{20}$
4	1.000	Direct	
R	3.247	$\frac{23}{17}$	$\frac{36}{15}$

*Replaces.*

	Gearbox ratios.	No. teeth.	
	3.538	$\frac{23}{15}$	$\frac{30}{13}$
	2.165	$\frac{23}{15}$	$\frac{24}{17}$
	1.387	$\frac{23}{15}$	$\frac{19}{21}$
	1.000	Direct	
	3.680	$\frac{23}{15}$	$\frac{36}{15}$



*[Handwritten signature]*

Date amendment is valid from 1.7.75

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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 7/5E

**5719**

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP.....1.....**

No.

Reference No. Normal Evolution - revised front & rear styling, fascia, interior trim and listed mechanical features. (1.1.77 - 39/16E)



Date amendment is valid from 1.1.77



*[Signature]*

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 Model Avengeur 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 715E

**5719**

*Amendment to Form of Recognition*

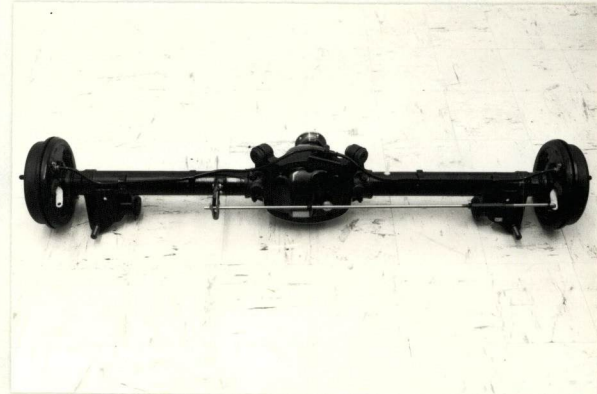
**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP.....1.....**

No.	Reference No.		
6	<u>1.1.77 - 39/16E</u>		
445	Overall length:-	4144 mm	163.1 in.
139	Overall width:-	1615 mm	63.6 in.
140a	Compression ratio:-	10.0 ± .5	
148	Vol. of comb. chamber:-	42.1 cc	inc. head gasket, top piston land & below black face.
149	Cooling fan dia:-	25.4 cm.	10.0 in. Plastic } except Heavy Duty.
	No. blades:-	4 - electrically driven	

9

Heavy duty axle (1.1.77-38/15E)  
 Increased tube thickness and retaining pins.



Date amendment is valid from 1.1.77

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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 8/6E

**5719**

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP.....1.....

No.

Reference No. Normal Evolution - (1.4.77 - 41/17E)  
Rationalisation and ease of production.

96

	Gearbox ratios	No. teeth			Gearbox ratios	No. teeth.	
1	2.675	$\frac{30}{13}$	$\frac{22}{19}$	Replaces	2.796	$\frac{31}{15}$	$\frac{23}{17}$
2	1.634	$\frac{24}{17}$	$\frac{22}{19}$		1.729	$\frac{23}{18}$	$\frac{23}{17}$
3	1.280	$\frac{21}{19}$	$\frac{22}{19}$		1.285	$\frac{19}{20}$	$\frac{23}{17}$
4	1.000	Direct			1.000	Direct	
R	2.779	$\frac{36}{15}$	$\frac{22}{19}$		3.247	$\frac{36}{15}$	$\frac{23}{17}$



*[Handwritten signature]*

Date amendment is valid from 1.4.77

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Manufacturer Chrysler  
 Model Avenger 1600GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 913V

Amendment to Form of Recognition

**5719**

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP.....1..... (1.7.77 - 42/25V)

No.

Reference No.



Safety fuel tank. FIA-FT3.  
 114. Capacity :- 63.6 litres  
 14 galls Imp.  
 Manufactured by :-  
 Marston Excelsior Ltd.  
 Part no:- CTS 3130.



30.

Weight of seat with subframes, without optional headrest shown  
 Fixed back :- 23 Lb. 10.4 Ko  
 Recliner :- 28 Lb. 12.7 Ko  
 Reference :- Chrysler Sports Seat - fixed back - part no. CTS 3317  
 " " " - recliner - " " CTS 3318  
 Note :- subframes are interchangeable to suit particular needs of occupants.

Date amendment is valid from 1.7.77



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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. ....  
 Amendment No. 10/7E

**5719**

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP .....1.....

No.

Reference No. Normal Evolutionary Changes (1.4.78 - 43/18E)

171

1. Revised aircleaner assembly - ref. photo 1.  
 Dia of exhaust valves :-  $\frac{36.02}{35.92}$  mm.  $\frac{1.42}{1.41}$  in.

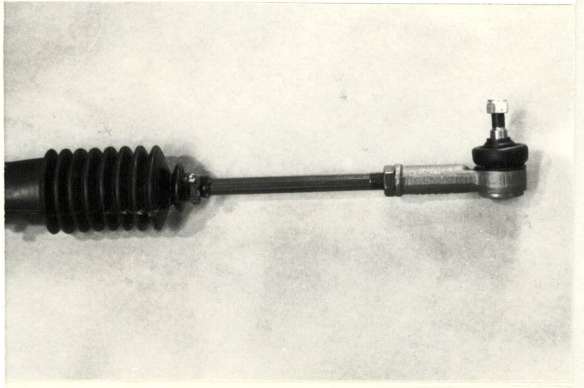
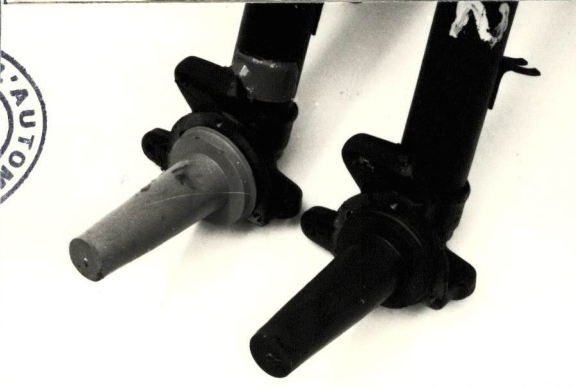
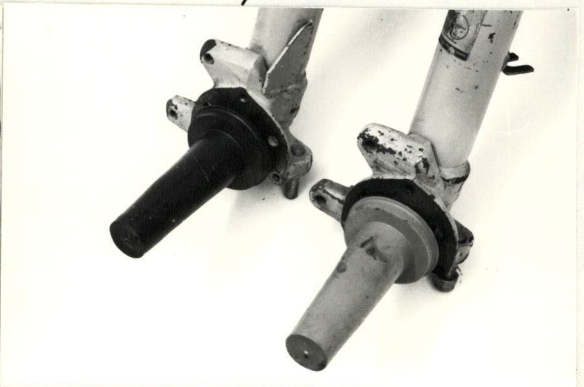
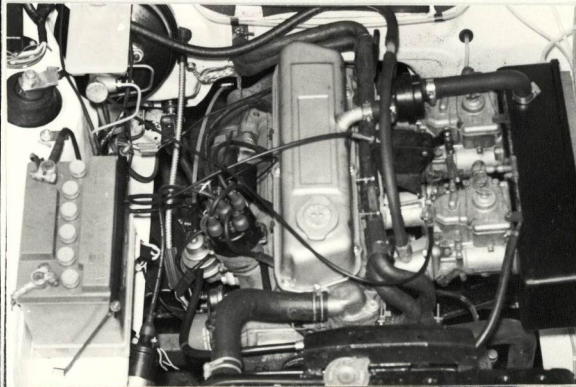
110.

Front track increased by 25.4mm 1.0in to:-

- |              |               |                                      |
|--------------|---------------|--------------------------------------|
| 1315.4 ± 6mm | 51.8 ± .25 in | - standard steel wheels              |
| 1333.4 ± 6mm | 52.5 ± .25 in | - alternative steel wheels (Rostyle) |
| 1358.9 ± 6mm | 53.5 ± .25 in | - aluminium diecast wheel.           |

2. Front strut assy - stub reinforcements added to Heavy Duty specification - ref. photos 2 & 3.

3. Heavy Duty track rod ends added to specification.  
 Part no :- 75,062.052. ref. photo 4.



Date amendment is valid from 1.4.78

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*[Handwritten signature]*





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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 11/4V

5719

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

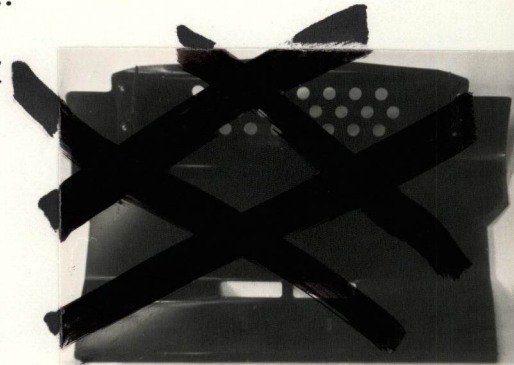
VALID IN GROUP.....1.....

No.

Reference No. Heavy Duty Specification

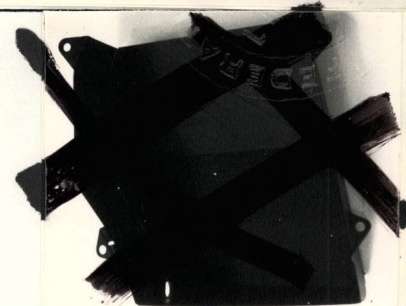
1.

Sump guard (P.12)  
 Part no: - 71250072



2

Fuel tank guard (P.12)  
 Part no: - 71248039



3

Turret brace (joining front suspension top mtgs to bulkhead)  
1.7.73 - 10/6v.

Part no: - 71.203122.  
 Weight: - 2.04kg 4.5lb.  
 Dimensions: - 109 x 30.5cm  
43 x 12 in.



*[Handwritten signature]*

Date amendment is valid from 1.7.73

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Manufacturer Chrysler  
 Model Aventor 1600GT  
 F.I.A. Recognition No. ....  
 Amendment No. 11/4V

Amendment to Form of Recognition

**5719**

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP.....1.....**

No.

Reference No. Heavy Duty Specification continued

6

Limited slip differential (1.7.73 - 11/7V)

Type of differential :- 4 pinion

Part no:- 71203101.



7

Final drive ratio ( 1.7.73 - 11/7V)

103:- No. teeth 37 : 9 104:- Ratio 4.11.

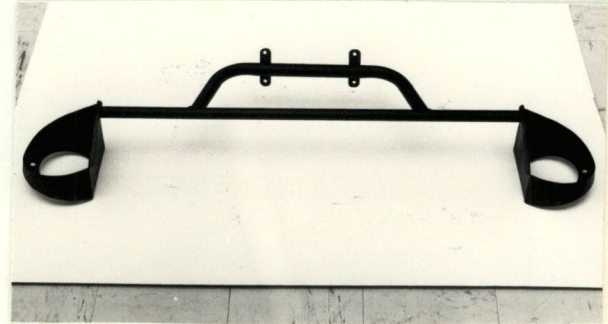
8.

Turret brace (1.1.77 - 38/15E)

Weight :- 6lb. 2.7kg

Part no:- 71203127

Note:- replaces part no  
71238039 when dual  
braking master cylinder  
is fitted.



Date amendment is valid from 1.7.73

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Manufacturer Chrysler  
 Model Avenger 1600GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 11/6V

**5719**

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

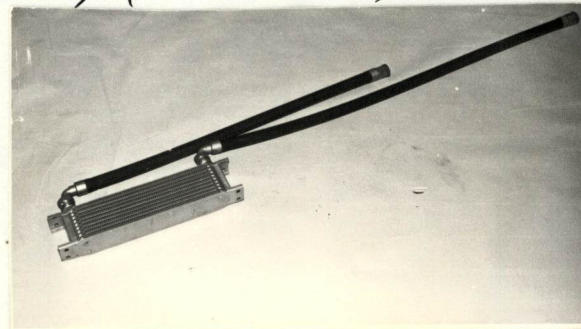
VALID IN GROUP .....1.....

No.

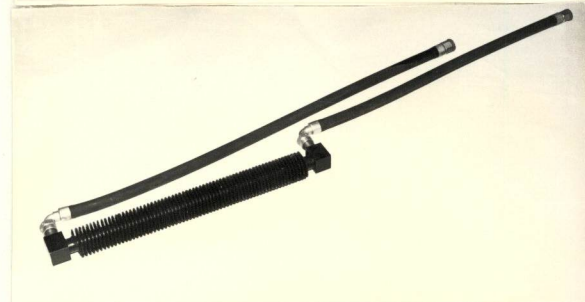
4

Reference No. Heavy Duty Specification continued  
Engine oil cooler (two supply variants) (1.7.73 - 10/6V)

Part no: - 71087504  
 Weight: - 1.50 kg 3.31 lb.  
 Dim<sup>ns</sup>: - 33 x 10 x 5 cms.  
 13 x 4 x 2 in.



Part no: - 71235338  
 Weight: - 2.55 kg 5.63 lb.  
 Dim<sup>ns</sup>: - 52 x 5 cms dia.  
 20.5 x 2 in. dia.



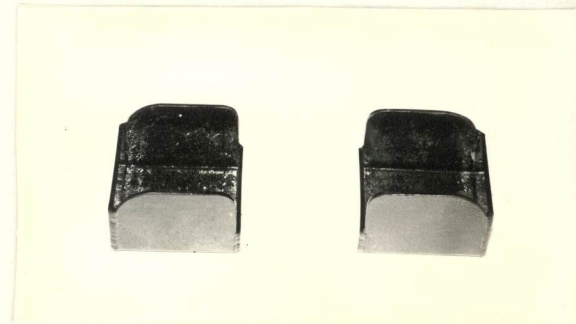
145.

Capacity of lubricant becomes: - 4.25 lbs 7.5 pts.

5.

Engine restraints (attached to engine mtg brackets) (1.7.73 - 11/7V)

Weight: - .48 kg 1.1 lb (each)  
 Dim<sup>ns</sup>: - 8.4 x 8 x 6 cm.  
 3.3 x 3.1 x 2.4 in.  
 Part no: - 71203123.



Date amendment is valid from 1.7.73

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Manufacturer Chrysler  
 Model Aventor 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 7/5E

*Amendment to Form of Recognition*

**5719**

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP ..... 1 .....**

No.

Reference No. Heavy Duty Specification

10

Rear suspension bottom link (1.1.77 - 38/15E)

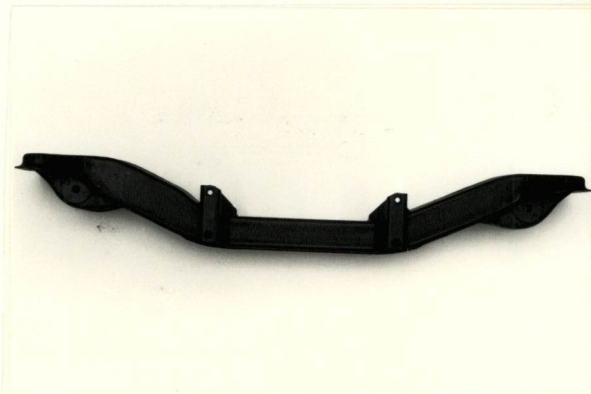
Part no:- 71203214



11

Front suspension crossmember (1.1.77 - 38/15E)

Part no:- 71203247.



Date amendment is valid from 1.1.77

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Manufacturer Chrysler  
 Model Avengeur 1600 GT  
 F.I.A. Recognition No. ....  
 Amendment No. 12/5V

Amendment to Form of Recognition

5719

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP.....1.....

No. Reference No. Production Variant - basic specification in certain territories (1.1.77 - 40/24v)

1. Hot climate radiator  
 Part no:- 71203128.



2. Larger capacity fuel tank  
 114. Capacity:- 63.6 ltrs 14 galls  
 Part no:- 71203109



3. Dual braking system - to comply with legislative requirements.  
 52. No. hydraulic master cylinders:- 2  
 Part no. master cyl/servo assembly:- 75061181 / 75061177 RH  
 75061153 LH.

4. Axle ratio  
 103. No. teeth:- 37 : 10.  
 104. Ratio:- 3.70.



Date amendment is valid from 1.1.77

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Manufacturer Chrysler  
 Model Avenger 1600 GT  
 F.I.A. Recognition No. \_\_\_\_\_  
 Amendment No. 13/8E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**5719**

**VALID IN GROUP.....1.....**

No.

Reference No. Erratum

↗ 7/5E

Reference Heavy Duty axle (1.1.77 - 38/15E) - omission.  
 where heavy duty lining material used for increased wear,  
 54, wheel cyl. bore size becomes:- 19.1mm. .75in.



Date amendment is valid from 1.10.78

Stamp of F.I.A./R.A.C.





**MOTOR SPORT DIVISION**  
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Manufacturer TALBOT  
Model AVENGER 1600 GT  
F.I.A. Recognition No. 5719  
Amendment No. 14/09 E

*Amendment to Form of Recognition*

**FEDERATION INTERNATIONALE DE L'AUTOMOBILE**

**VALID IN GROUP.....1.....**

No.

Reference No.

1.

EVOLUTIONARY CHANGE —

MANUFACTURER'S NAME NOW "TALBOT" WAS  
"CHRYSLER"



Date amendment is valid from.....-1 JAN 1980.....

Stamp of F.I.A./R.A.C.