

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 LEYLAND CARS Modèle / Model TR8
Cylindrée / Cylinder capacity 3492
Constructeur du châssis / Chassis Manufacturer LEYLAND CARS
Constructeur du moteur / Engine Manufacturer LEYLAND CARS
Homologation valable à partir du / Recognition valid as from -1. AVR. 1978
Modèle homologué en groupe FOUR Numéro d'homologation
Model recognized in group Recognition number **654**

Photo A : voiture vue de 3/4 AV
Photo A : 3/4 view of car from front

Photo B : voiture vue de 3/4 AR
Photo B : 3/4 view of car from rear



CARACTÉRISTIQUES GÉNÉRALES / GENERAL CHARACTERISTICS :

- 1) Mode de construction : construction séparée / monocoque.
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 216 c/m - 85" Gauche 216 c/m - 85"
Wheelbase right Left
- 4) Largeur de la carrosserie mesurée aux axes AV 170 c/m - 66"
Width of bodywork measured at front axle
- 5) Largeur de la carrosserie mesurée aux axes AR 170 c/m - 66"
Width of bodywork measured at rear axle
- 6) Longueur hors-tout avec pare-chocs 406.5c/m Sans pare-chocs 389.25 c/m
Overall length with bumpers 160" Without bumpers 153.25"
- 7) Type de suspension : AV INDEPENDENT STRUT AR COIL/4 LINK
Type of suspension : Front Rear

(Photo D)

(Photo E)

Signature et cachet de
l'autorité sportive nationale,

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



MOTEUR :

- 8) Cycle 4 STROKE FISA - Transfer en Gr.
- 9) Nombre et disposition des cylindres V.8.
 Number and disposition of cylinders
- 10) Système de refroidissement WATER
 Cooling system
- 11) Emplacement et position du moteur FRONT LONGITUDINAL
 Location and position of engine
- 12) Matériau du bloc moteur ALUMINIUM
 Material of engine block
- 13) Roues motrices : AV - AR REAR
 Drive wheels : Front - Rear
- 14) Emplacement de la boîte de vitesses FRONT LONGITUDINAL
 Location of gear-box

CARROSSERIE ET ÉQUIPEMENT INTÉRIEUR / COACHWORK AND INTERIOR

- 20) Nombre de portes TWO
 Number of doors
- 21) Matériau des portes : AV STEEL AR -
 Material of doors : Front Rear
- 22) Matériau du capot moteur STEEL
 Material of bonnet
- 23) Matériau du capot coffre STEEL
 Material of boot lid
- 24) Matériau de la lunette AR GLASS
 Material of rear window
- 25) Matériau du pare-brise LAMINATED GLASS
 Material of windscreen
- 26) Matériau des glaces des portières AV GLASS
 Material of front door windows
- 27) Matériau des glaces des portières AR -
 Material of rear door windows
- 28) Système d'ouverture des vitres portières AV MANUAL AR -
 Sliding system of door windows Front Rear
- 29) Matériau des glaces de custode -
 Material of rear quarter lights
- 30) Poids siège (s) AV (enlevés de la voiture avec dossiers, glissières et supports) 8.25 kg 18.1 lbs
 Weight of front seat(s) (complete with supports and rails, out of the car)
- 31) Matériau du pare-choc AV STEEL/ALLOY/RUBBER Poids 5.5 kg 12.1 lbs
 Front bumper material Weight
- 32) Matériau du pare-choc AR STEEL/ALLOY/RUBBER Poids 5.5 kg 12.1 lbs
 Rear bumper material Weight
- 33) Ventilation : oui / yes



DIRECTION / STEERING

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- 40) Type RACK & PINION
- 41) Servo-assistance NO - OPTIONAL FOR EXPORT MARKETS

SUSPENSION

- 45) Suspension AV (photo D) Type de ressort COIL
Front suspension (photo D) Type of spring
- 46) Nombre d'amortisseurs TWO
Number of shock absorbers
- 47) Suspension AR (Photo E) Type de ressort COIL
Rear suspension (Photo E) Type of spring
- 48) Nombre d'amortisseurs TWO
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 : VACUUM
Servo assistance (if fitted) Type :
- 52) Nombre de maîtres-cylindres DUAL SYSTEM
Number of master-cylinders

	AVANT / FRONT		ARRIERE / REAR	
53) Nombre de cylindres par roue Number of cylinders per wheel	4		1	
54) Alésage Bore	38.1m/m	1.5"	19.0m/m	0.75"
Freins à tambour / Drum brakes				
55) Diamètre intérieur Inside diameter	-		229m/m	9"
56) Nombre de mâchoires par frein Number of shoes per brake	-		2	
57) Surface de freinage par frein Total area per brake	-		319c/m ²	49.5"/ ²
Freins à disques/Disc brakes				
58) Largeur des sabots Width of brake linings	50.8m/m	2"		
59) Nombre de sabots par frein Number of pads per brake	2			
60) Surface de freinage par frein Total area per brake	375.005c/m ²			
	58.126"/ ²			

- 61) Thickness of Disc 20.24m/m
0.8125"



MOTEUR / ENGINE

- 65) Alésage 88.4m/m 3.48"
Bore
- 67) Course 71.12m/m 2.80"
Stroke
- 68) Cylindrée totale 3492 69) Cylindrée maximum autorisée 3540
Total cylinder-capacity Maximum cylinder-capacity allowed
- 70) Culasse : matériau ALUMINIUM ALLOY 71) Nombre TWO
Head : material Number
- 72) Type de vilebrequin INTEGRAL Coulé / estampé STAMPED
Type of crankshaft Moulded / stamped
- 73) Nombre de paliers de vilebrequin FIVE
Number of crankshaft main bearings
- 74) Diamètre maximal des manetons de vilebrequin 50.80m/m - 2.00"
Maximum diameter of the big end journal
- 75) Tête de bielle : type PLAIN diamètre 50.80m/m - 2.00"
Connecting rod big end type
- 76) Matériau des chapeaux des paliers de vilebrequin CAST IRON
Material of bearing cap
- 77) Matériau du volant moteur STEEL
Material of flywheel
- 78) Matériau du vilebrequin CAST IRON
Crankshaft material
- 79) Matériau de la bielle STEEL
Connecting rod material
- 80) Système de graissage : carter sec - carter humide OIL IN SUMP
Lubrication system : dry-sump - oil in sump
- 81) Nombre de pompes à huile ONE
Number of oil pumps

Moteur 4 temps / 4 stroke engines

- 82) Nombre d'arbres à cames ONE Emplacement CYLINDER BLOCK
Number of camshafts Location
- 83) Système de commande CHAIN
Type of camshaft drive
- 84) Système de commande des soupapes TAPPET AND PUSH ROD
Type of valve operation
- 85) Nombre de soupapes d'admission par cylindre ONE
Number of inlet valves per cylinder
- 86) Nombre de soupapes d'échappement par cylindre ONE
Number of exhaust valves per cylinder
- 87) Nombre de distributeurs ONE
Number of distributors
- 88) Nombre de bougies par cylindre ONE
Number of spark plug per cylinder



Marque / Make LEYLAND CARS Modèle / Model TR8 N° _____

TRANSMISSION AUX ROUES / DRIVE TRAIN

FISA - Transfert en Gr.B**Embrayage / Clutch**

- 90) Nombre de disques ONE
Number of plates _____
- 91) Système de commande HYDRAULIC
Method of operating clutch _____

Boîte de vitesses / Gear-box

- 92) Contrôle manuel, marque MANUAL
Manual type, make _____
- 93) Nombre de rapports AV FOUR - FIVE
Number of gear-box ratios forward _____
- 94) Boîte automatique, marque BORG-WARNER
Automatic, make _____
- 95) Nombre de rapports AV THREE
Number of gear-ratios forward _____

96	Manuelle / Manual		Automatique		Supp. manuel / Automatique			
	Rapport Ratio	N. dents Nr teeth	Rapport Ratio	N. dents Nr teeth	Rapport Ratio	N. dents Nr teeth	Rapport Ratio	N. dents Nr teeth
1	2.33	28 x 18	2.393		2.44	30 x 14	3.32	31 x 14
2	1.611	29 x 17	1.450		1.77	26 x 17	2.09	32 x 23
3	1.209	31 x 25	Direct		1.30	24 x 21	1.40	27 x 29
4	Direct	-			Direct	-	Direct	
5	0.833	20 x 36					0.833	20 x 36
6								
M. AR / Rev.	3.428	32 x 14	2.09		2.44	30 x 14	3.428	32 x 14

- 97) Surmultiplication type LAYCOCK
Overdrive type _____
- 98) Nombre de dents -
Number of teeth _____
- 99) Rapport 0.8
Ratio _____
- 100) Vitesses en marche AV avec surmultiplication 3rd & 4th
Forward gears on which overdrive can be selected _____

Pont/moteur / Final drive

- 101) Type du pont moteur HYPPOID
Type of final drive _____
- 102) Type de différentiel FOUR PINION
Type of differential _____
- 103) Nombre de dents 12 x 37
Number of teeth 11 x 15
19 x 44
- 104) Rapport 3.08:1
Ratio 4.5
4.8



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Photo C



Photo D

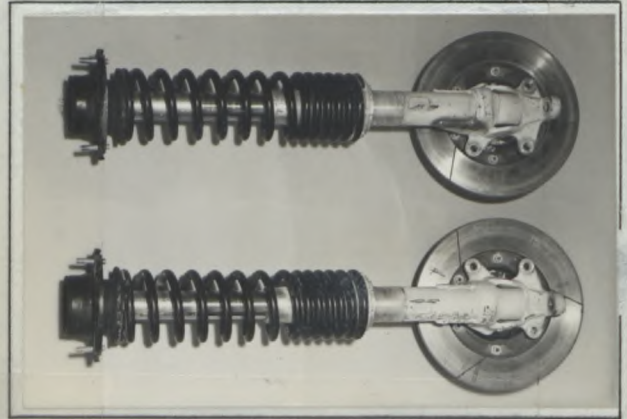


Photo E

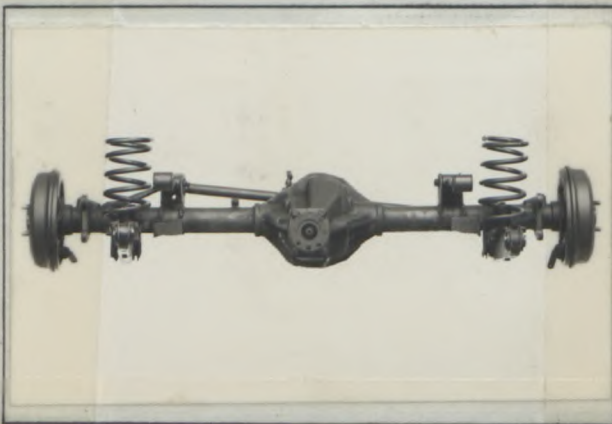


Photo F

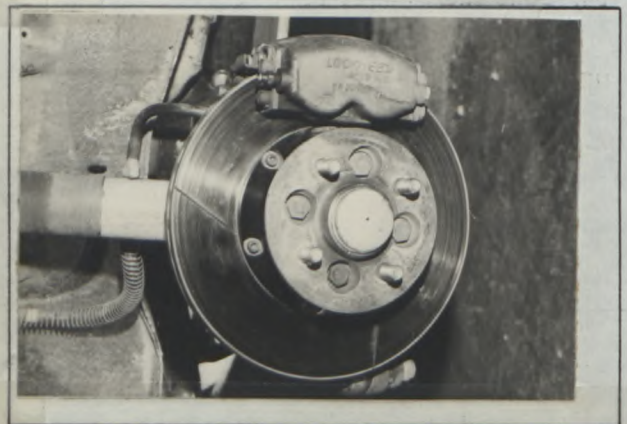


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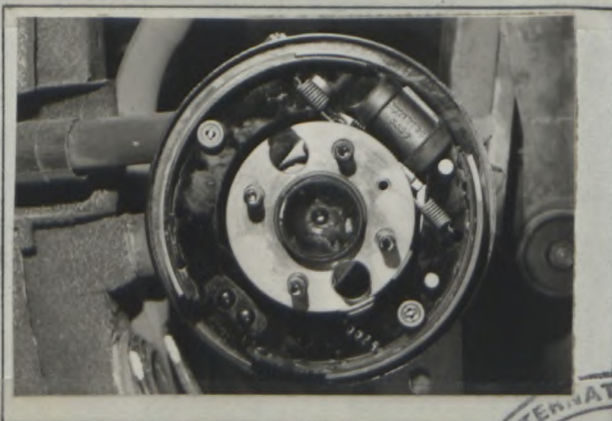


Photo H



Photo I

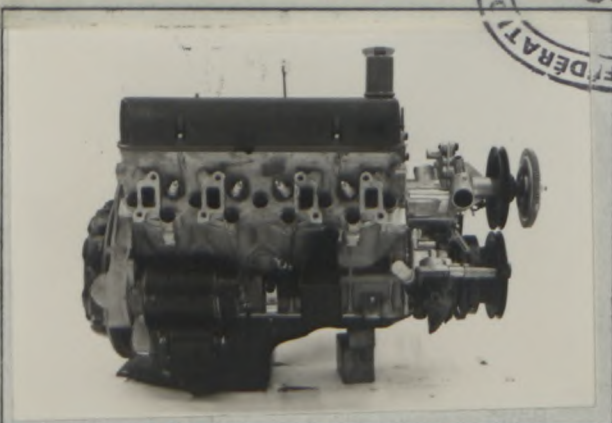
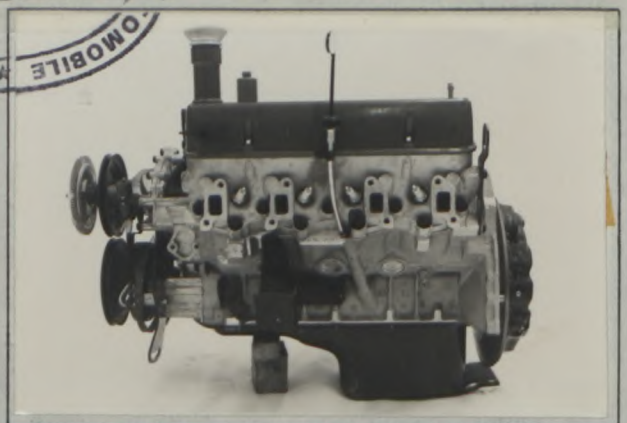


Photo J

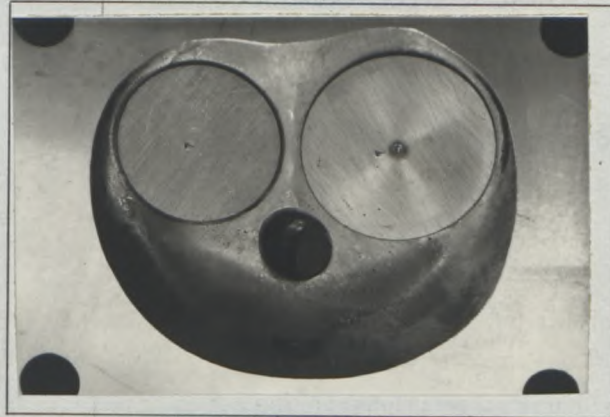


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C. S. I.
MOBILE

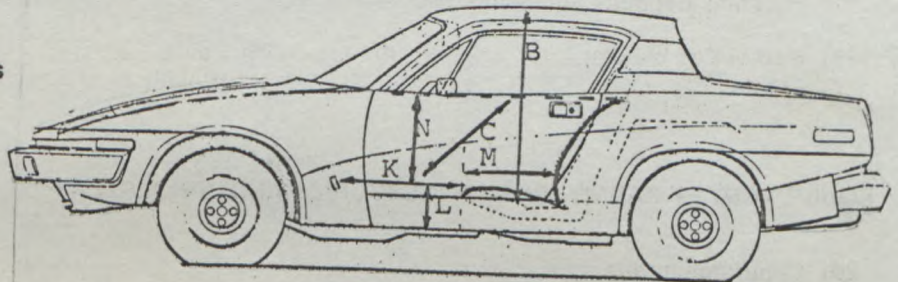
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Photo K



**Informations supplémentaires
Additional informations.**



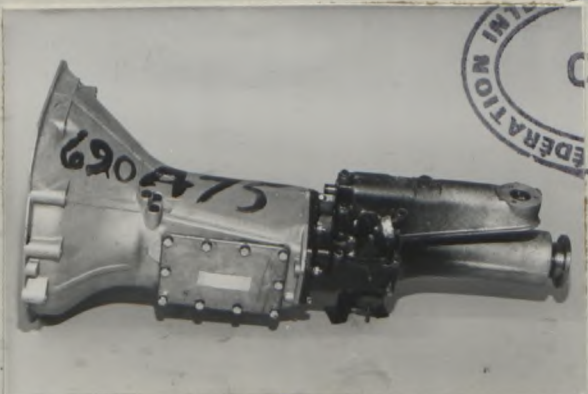
B	95.2cm	37.5"	L	20.3cm	8.0"
C	134.6cm	53.0"	M	53.3cm	21.0"
K	58.4cm	23.0"	N	55.9cm	22.0"

~~ALTERNATIVE FINAL DRIVE RATIOS~~

2.88	19 x 17
3.07	17 x 14
3.08	37 x 12
3.31	17 x 13
3.45	38 x 14
3.63	40 x 14
3.77	40 x 15
3.89	35 x 9
4.09	45 x 11
4.4	37 x 9
4.27	45 x 11
4.55	50 x 14
4.89	44 x 9
5.38	47 x 8
5.14	36 x 7
5.29	37 x 7
6.17	37 x 6



DRY SUMP KIT



ALTERNATIVE GEARBOX

Front overhang: 38" ± 1"
Rear overhang: 36" ± 1"

110 DE (2000) - 2119

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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 _____
111) Voie AR / Rear track _____
112) Garde au sol (pour vérification de la voie)
Ground clearance (for verification of the track) _____
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) _____
115) Nombre de places _____ 116) Poids
Seating capacity _____ Weight _____

EQUIPEMENT ET GARNITURES / ACCESSORIES AND UPHOLSTERY

- 120) Chauffage intérieur : oui - non
Interior heating : yes - no
121) Climatisation (sur option) : oui - non
Air conditioning (in option) : yes - no
122) Sièges AV : type
Front seats : type _____
123) Sièges AR : type
Rear seats : type _____

ROUES / WHEELS

- 124) Matériau
Matériau _____
125) Poids unitaire (roue nue) _____ kg (tolérance $\pm 5\%$)
Unitary weight (bare wheel) _____
126) Diamètre de la jante
Rim diameter _____
127) Largeur de la jante
Rim width _____

SUSPENSION

- 130) Stabilisateur AV (si prévu)
Front stabilizer (if fitted) _____
131) Stabilisateur AR (si prévu)
Rear stabilizer (if fitted) _____



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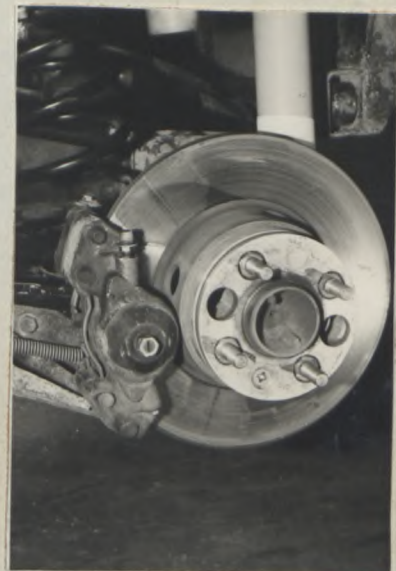
Manufacturer LEYLAND CARS
Model TR8
F.I.A. Recognition No. 654
Amendment No. 011-1V

Amendment to Form of Recognition

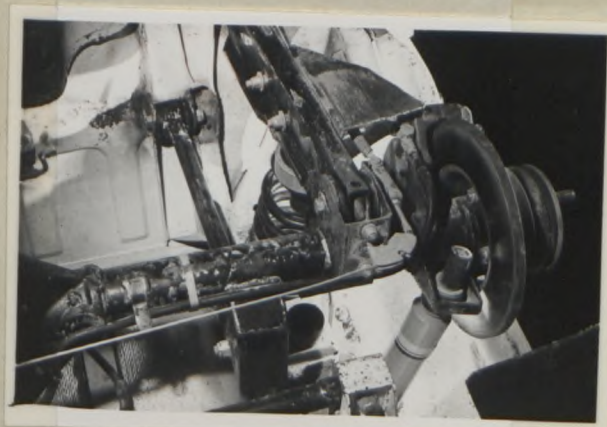
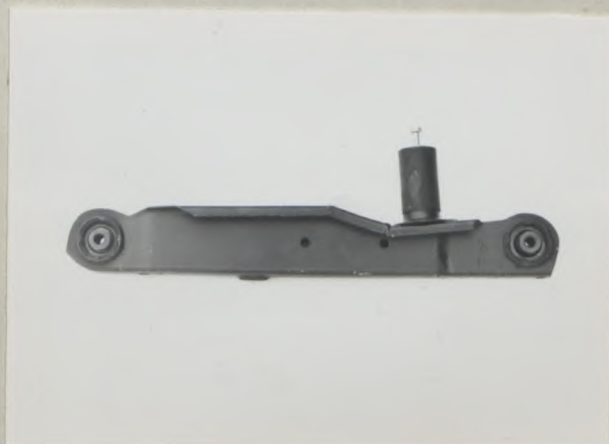
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP..... FOUR.....

No.	Reference No.	Optional Equipment as Art. 261 Xbb
	BRAKES 58.	50.8mm - 2 ins
	59.	2
	60.	380.076 cm ² 58.912 ins ²
	61.	12.7mm - 0.5 ins



REINFORCED SUSPENSION ELEMENTS AND REAR AXLE



Class

Date amendment is valid from.....-1.AVR.1978

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Manufacturer BRITISH LEYLAND

Model TR 8

F.I.A. Recognition No. 654

Amendment No. 02/02V

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Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUPFOUR.....

No.	Reference No.
1	ROLL OVER BAR. (BUILT INTO BODY RAIL) MAIN TUBE DIA. 38 mm 1.5 ins THICKNESS 2.6 mm 0.108 ins BRACE TUBE DIA. 38 mm 1.5 ins THICKNESS 2.6 mm 0.108 ins MATERIAL SPECIFICATION BS980 CDS2 WEIGHT OF TOTAL ASSEMBLY 16.18 kgs 35.6 lbs DRAWING NO. 2



The manufacturer certifies that the car structure, including the roll-bar, complies with the standards required by the FIA for open cars.



ALTERNATIVE ROLL OVER BAR

MAIN TUBE DIA.	40 7/8	1.57 ins
THICKNESS	3 7/8	0.118 ins
BRACE TUBE DIA.	40 7/8	1.57 ins
THICKNESS	3 7/8	0.118 ins
MATERIAL SPECIFICATION	ALUMINIUM HE 17TF	
E ~	30 daN	
TENSILE STRENGTH	36 daN	
WEIGHT OF TOTAL ASSEMBLY	9.98 kgs - 22 lbs	



[Signature]

Date amendment is valid from -1. JUL. 1978

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Manufacturer B.L. CARS LIMITED

Model T.R.8.

F.I.A. Recognition No. 654

Amendment No. 04/03V

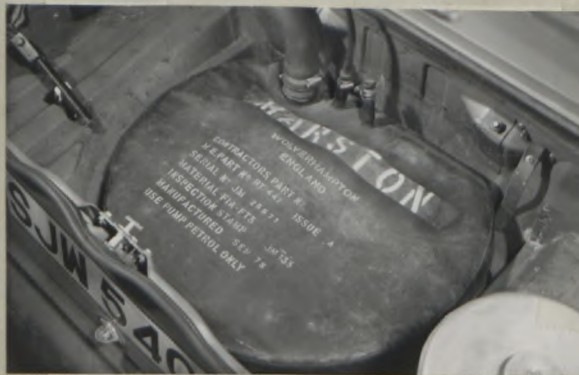
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Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP.....FOUR.....

No.	Reference No.
	OPTIONAL EQUIPMENT
1.	BRAKES FRONT CALIPER - PHOTOGRAPH A. 58. 48% 1.9 INCH. REAR CALIPER - PHOTOGRAPH B. 58. 52% 2.0 INCH. HANDBRAKE CALIPER - PHOTOGRAPH C. 58. 32% 1.25 INCH.
2.	SAFETY FUEL TANK COMPLYING WITH F.I.A. TECHNICAL SPECIFICATION. PHOTOGRAPH D. BOOT LOCATION - 46 LITRE CAPACITY.
3.	IMPROVED EFFICIENCY RADIATOR. STR 0414 PHOTOGRAPH E.
4.	UPGRADED CLUTCH ASSEMBLY. STR 0785 PHOTOGRAPH F.





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Manufacturer B.L. CARS LIMITED
 Model T.R.8.
 F.I.A. Recognition No. 654
 Amendment No. 04/03V

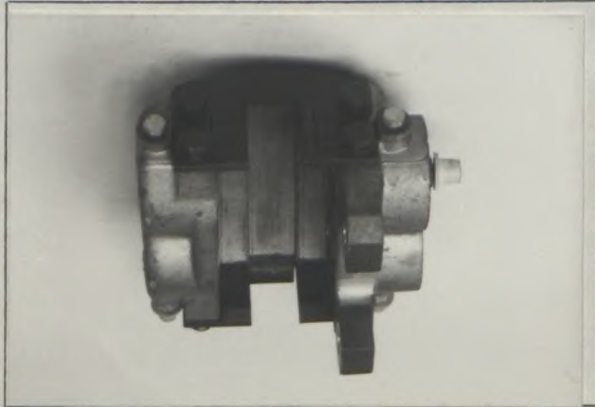
Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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Valid in Group FOUR

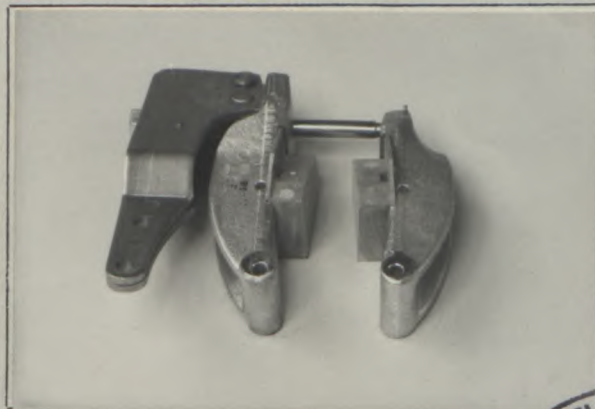
Photographs must be 3" x 2" and a matt finish



A



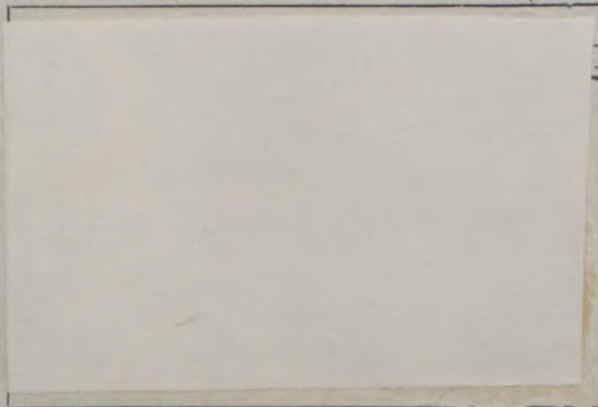
B



C



D



F

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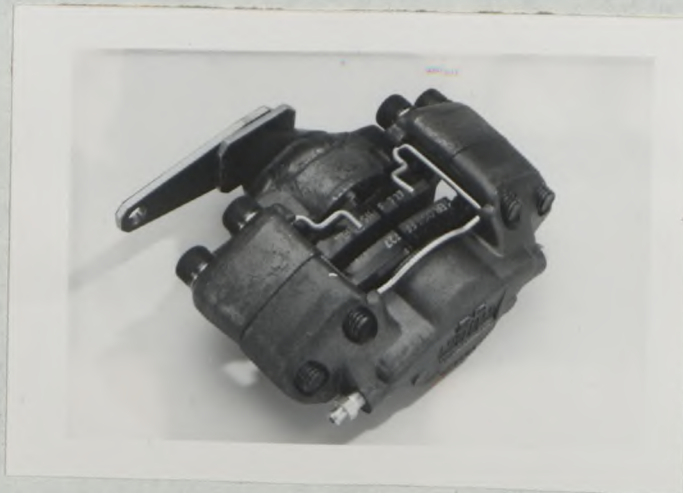
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No. | Reference No.

OPTIONAL EQUIPMENT

1. REAR BRAKE CALIPER INCORPORATING HAND BRAKE.



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Manufacturer B.L. CARS LIMITED

Model T.R.S.

F.I.A. Recognition No. 654

Amendment No. 04/03V

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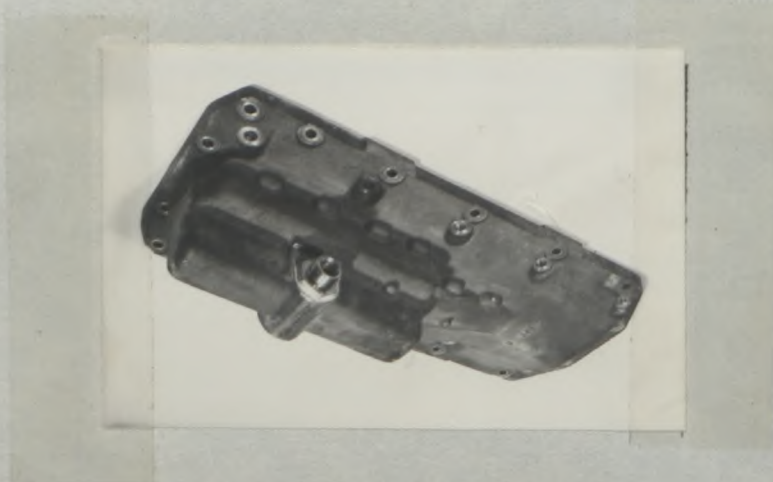
VALID IN GROUP FOUR

No. | Reference No.

OPTIONAL EQUIPMENT

1.

ALTERNATIVE DRY SUMP PAN.
 STR 0810.





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Manufacturer B.I. CARS LIMITED

Model T.R.8.

F.I.A. Recognition No. 654

Amendment No. 05/04 V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

VALID IN GROUP FOUR

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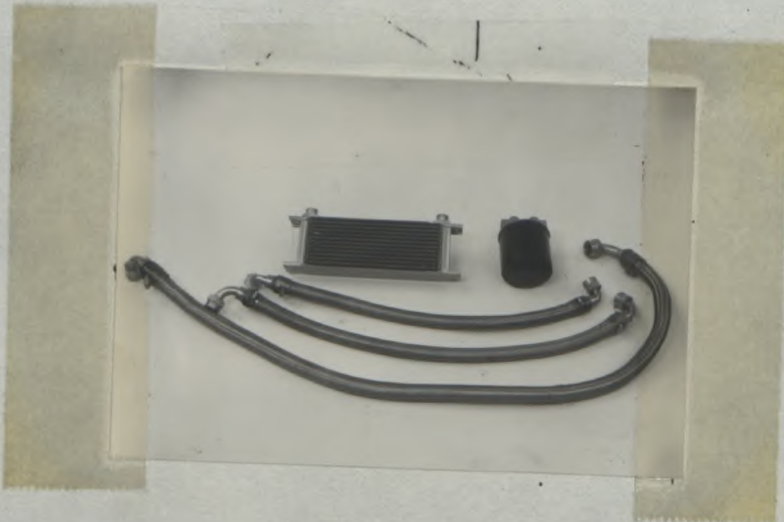
No.

Reference No.

OPTIONAL EQUIPMENT

1.

OIL COOLER.
 STR 0755.



Date amendment is valid from -1.03.1979
-1.11.1979

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The Royal Automobile Club
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Manufacturer B.L. CARS LIMITED

Model T.R.8.

F.I.A. Recognition No. 65A

Amendment No. 05/04 V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

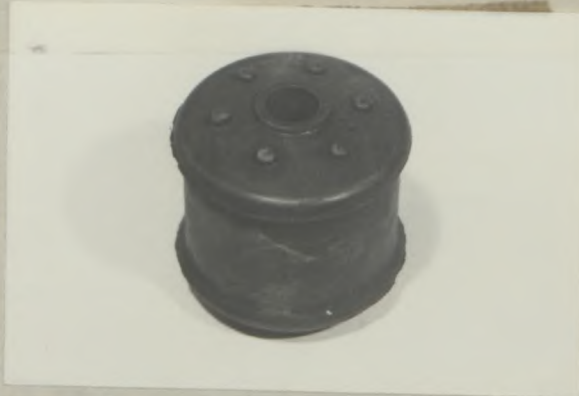
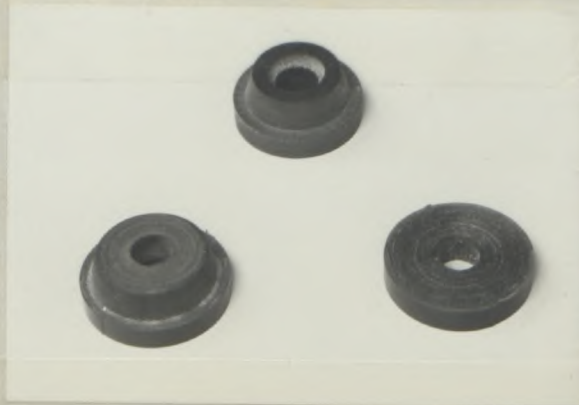
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VALID IN GROUP FOUR.....

No.

Reference No.

1. REINFORCED SUSPENSION ELEMENTS. INTERCHANGEABLE WITH ORIGINAL PART.



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BRITISH MOTOR SPORTS COUNCIL
31 Belgrave Square, London SW1X 8QH

Manufacturer B.L. CARS

Model T.R.8.

F.I.A. Recognition No. 654

Amendment No. 08/07V

Amendment to Form of Recognition

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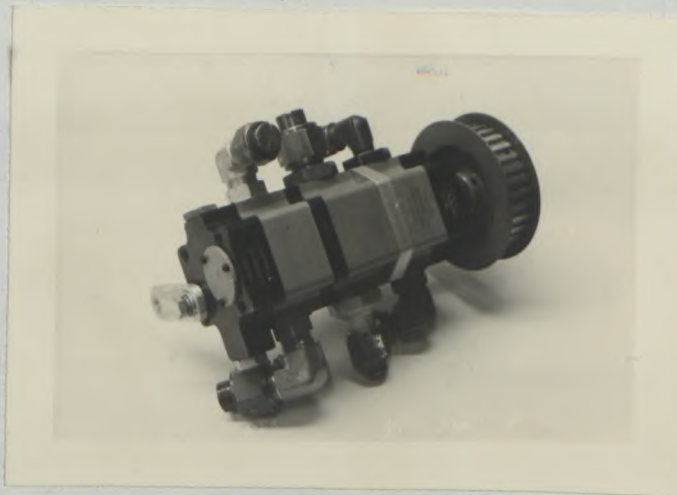
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Valid in Group 4

No. | Reference No.

OPTIONAL EQUIPMENT.

ALTERNATIVE DRY SUMP OIL SCAVENGE/PRESSURE PUMP. : STR 881





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Manufacturer BL Cars
Model TR8
F.I.A. Recognition No. 654
Amendment No. 09/08 V

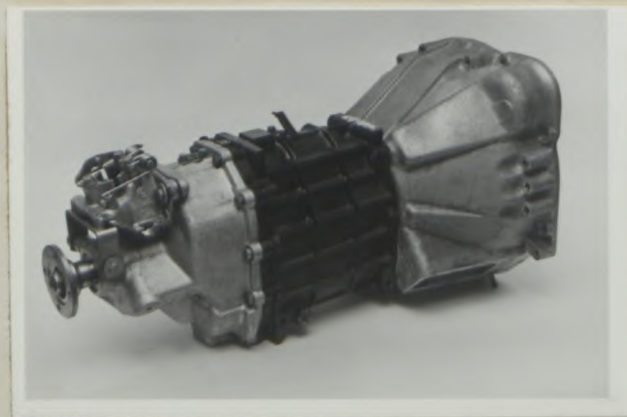
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FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Valid in Group 4

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No.	Reference No.
1	Alternative supplier Gearbox Case Photograph H Ratios remain unchanged



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-1.AVR.1980

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BRITISH MOTOR SPORTS COUNCIL
31 Belgrave Square, London SW1X 8QH

Manufacturer B.L. CARS
Model T.R.8.
F.I.A. Recognition No. 654
Amendment No. 10/09V

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Valid in Group 4

No. Reference No.

OPTIONAL EQUIPMENT

1.

ALTERNATIVE BRAKES AS ART 261 bb

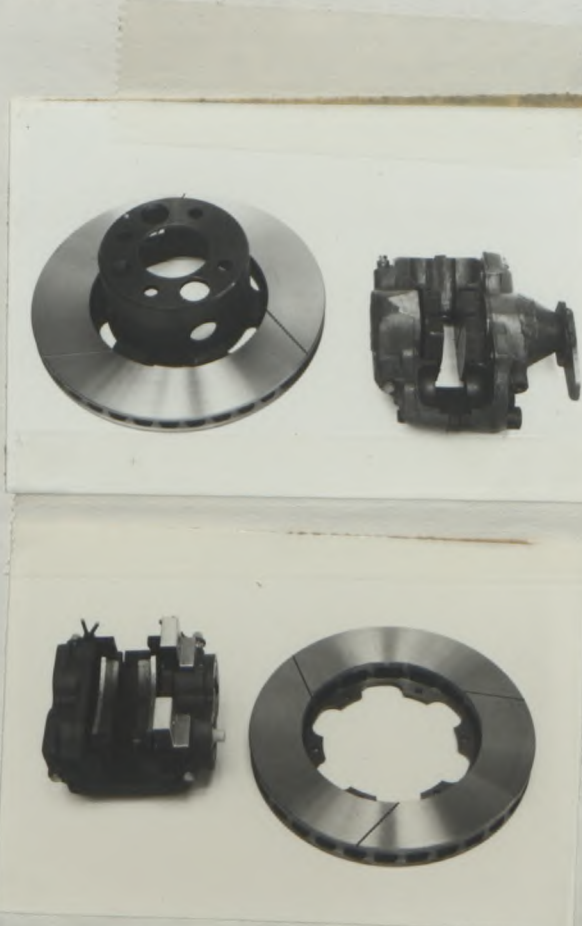
DISC DIA. 310 % - 12.2 INS

58. WIDTH OF PAD - 50.8 % - 2 INS

59. NUMBER OF PADS PER BRAKE - 2

60. TOTAL AREA PER BRAKE - 70.3 IN² 453.5 C/M²

61. THICKNESS OF DISC - 28 % - 1.1 INS



[Handwritten signature]



Date amendment is valid from -1.001.1980

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



BRITISH MOTOR SPORTS COUNCIL
31 Belgrave Square, London SW1X 8QH

Manufacturer B.L. CARS
Model T.R.8
F.I.A. Recognition No. 654
Amendment No. 12 / 11 V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

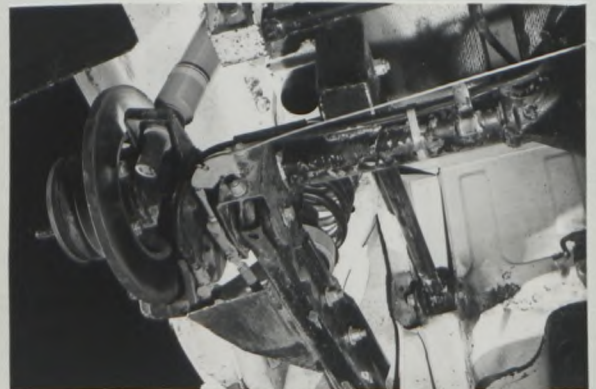
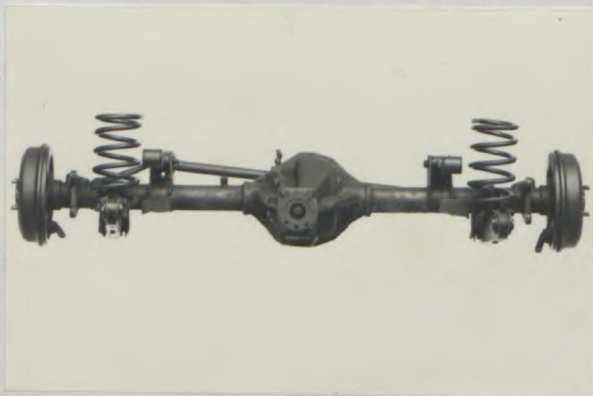
FISA = ~~Transfer~~ en Gr.B

Valid in Group 4

No.

Reference No.

HEAVY DUTY REAR AXLE
PART No STR 418
HEAVIER GAUGE AXLE TUBE



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BRITISH MOTOR SPORTS COUNCIL
31 Belgrave Square, London SW1X 8QH

Manufacturer B.L. CARS
Model T.R.8.
F.I.A. Recognition No. 654
Amendment No. _____

13 / 12 V

Amendment to Form of Recognition

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Valid in Group _____

No.

Reference No.

~~FISA - Transfer~~ en Gr.B

OPTIONAL EQUIPMENT AS ART 261 bb.

1.

BRAKE CALIPER.
DISC AND PAD DIMENSIONS AS AMENDMENT 10/9V.



•1.AVR.1981•

Date amendment is valid from.....

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



FEDERATION INTERNATIONALE DU SPORT AUTOMOBILE

Homologation N°

654

Extension N°

14-01ER

FICHE D'EXTENSION A L'HOMOLOGATION OFFICIELLE FISA
FORM OF EXTENSION TO THE OFFICIAL FISA HOMOLOGATION

- 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** Errata / Erratum

Homologation valable dès le 01 MAI 1985 en groupe B
Homologation valid as from _____ in group _____

Constructeur BLMC Modèle et type TR 8 3492 cc
Manufacturer _____ Model and type _____

Page ou ext. Page or ext.	Art. Art.	Description Description
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In addition to the basic homologation form

— type of the different fuel feed systems used:

Twin Stromberg 1½"
Twin 45 DCOE on Offenhauser manifold
Four 48 DCOE on fabricated manifold
Pierberg injection electro mechanical
Holley 4 Barrel 600 cfm

Signature

