



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Homologation N°

GT - 016

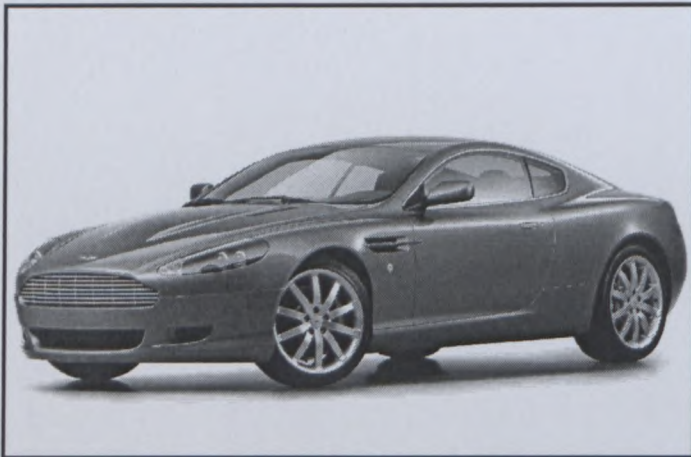
Groupe
Group **GT**

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

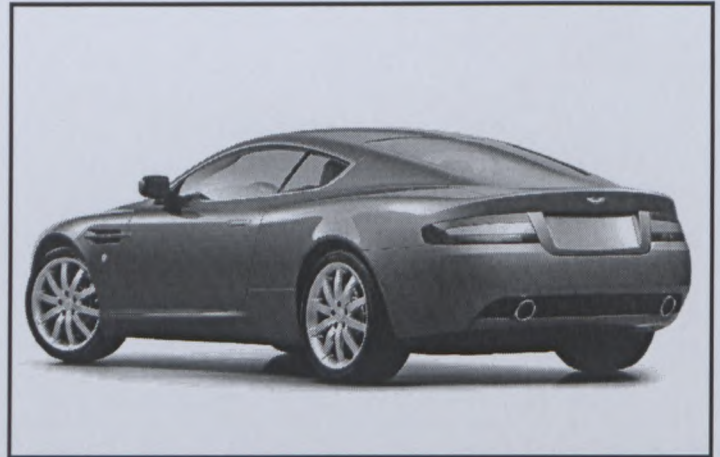
Homologation valable à partir du
Homologation valid as from

01 JUIN 2004

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



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



1. GENERALITES / GENERAL

101. Constructeur
Manufacturer **ASTON MARTIN LAGONDA LTD**

102. Dénomination(s) commerciale(s) - Modèle et type
Commercial name(s) - Model and type **DB 9 COUPE**

104. Mode de construction : a) Mode :
Type of car construction : Type :
 séparée / separate monocoque / unitary construction

b) Matériau du châssis / coque
Material of chassis / bodyshell **Aluminium Alloy / Plastic**

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Marque
Make **ASTON MARTIN**

Modèle
Model **DB9 COUPE**

GT . - 0 1 6

2. DIMENSIONS, POIDS / DIMENSIONS, WEIGHT

202. Longueur hors tout
Overall length **4687** mm +/- 1 %

203. Largeur hors-tout
Overall width **1878** mm +/- 1 %

Endroit de mesure
Where measured **At rear axle**

204. Largeur de carrosserie
Width of bodywork

a)	A la hauteur de l'axe avant At front axle	1852	mm +/- 1 %
b)	A la hauteur de l'axe arrière At rear axle	1878	mm +/- 1 %

206. Empattement
Wheelbase **2741** mm +/- 1 %

209. Porte-à-faux
Overhang

a)	Avant Front	956	mm +/- 1 %	b)	Arrière Rear	990	mm +/- 1 %
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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)

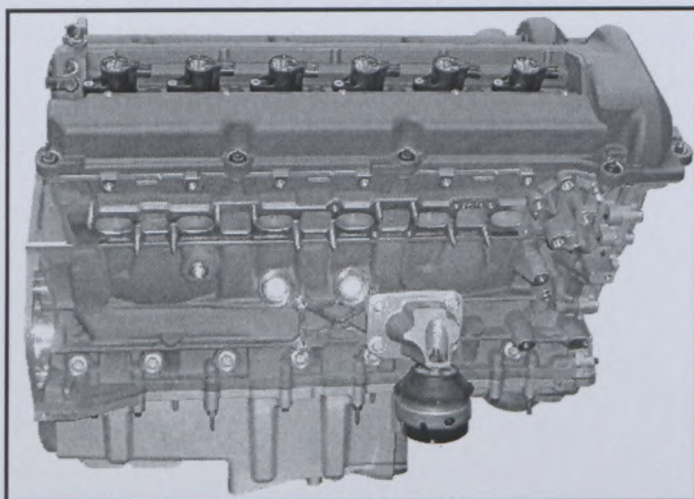
301. Emplacement et position du moteur
Location and position of the engine

Front, Longitudinal, Vertical

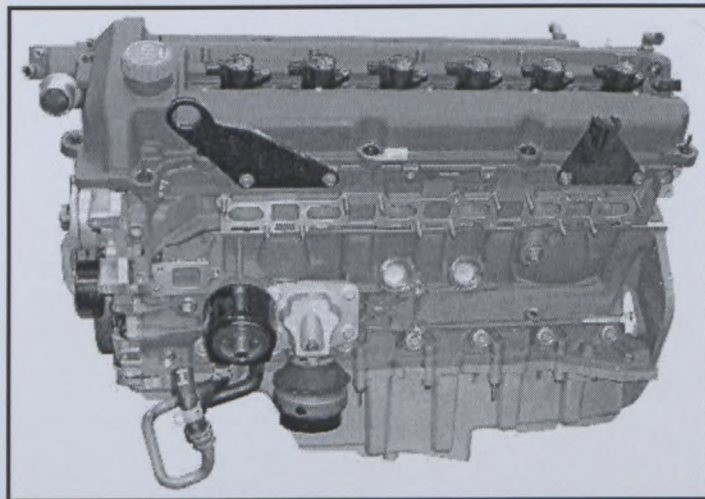
303. Cycle

Cycle _____

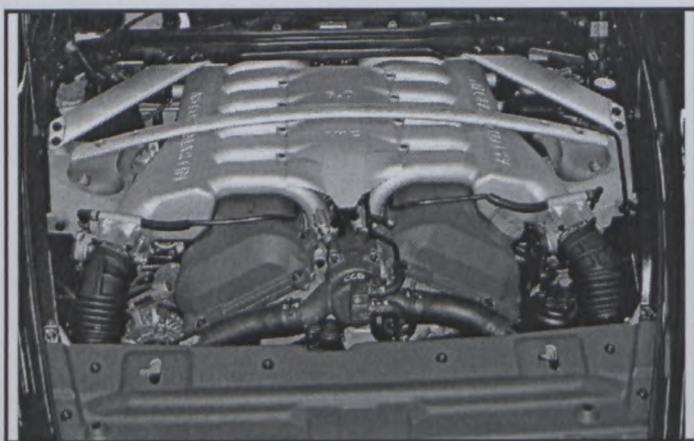
C) Profil droit du moteur déposé
Right hand view of dismantled engine



D) Profil gauche du moteur déposé
Left hand of dismantled engine



E) Moteur dans son compartiment
Engine in its compartment



304. Suralimentation
Supercharging

<input type="checkbox"/> oui yes	<input checked="" type="checkbox"/> non no
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Type

Type **N/A**

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305. Nombre et disposition des cylindres
Number and layout of cylinders **V12**

306. Mode de refroidissement
Type of cooling **Water jacket**

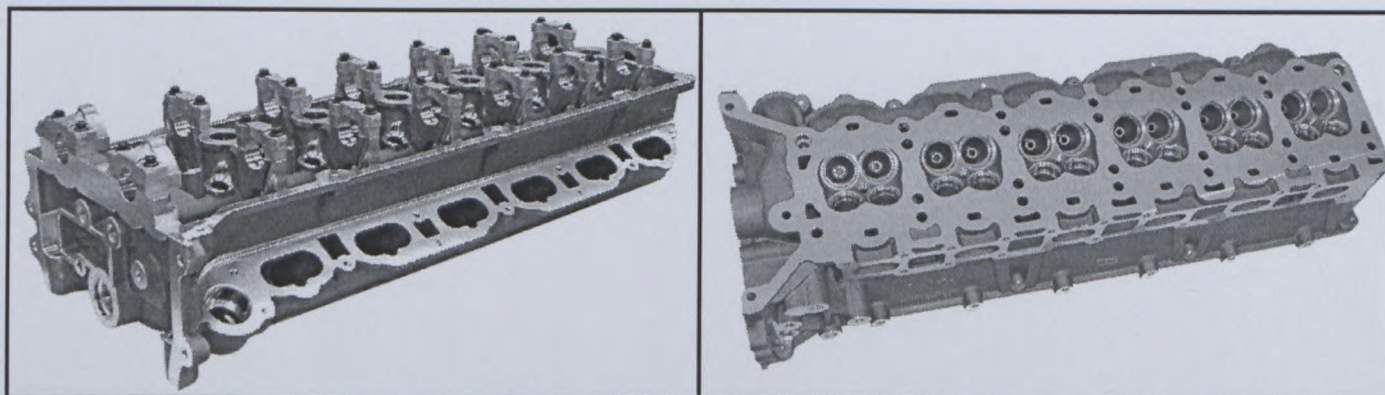
312. Matériau du bloc-cylindre
Cylinder block material **Aluminium Alloy**

321. Culasse : a) Nombre b) Matériau
Cylinderhead : Number **2** Material **Aluminium Alloy**

e) Angle entre soupape d'admission et la verticale
Angle between intake valve and vertical **25 Deg**

f) Angle entre soupape d'échappement et la verticale
Angle between exhaust valve and vertical **25 Deg**

F) Culasse nue
Bare cylinderhead



325. Arbre à cames : a) Nombre b) Emplacement
Camshaft : Number **4** Location **Overhead - 2 per head**

327. Admission : c) Nombre de soupapes par cylindre
Intake : Number of valves per cylinder **2**

328. Echappement : d) Nombre de soupapes par cylindre
Exhaust : Number of valves per cylinder **2**

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604. Boîte de transfert / Différentiel central :
Transfer box / Central differential :
- a) Rapports
Ratios **N/A**
- b) Nombre de dents
Number of teeth **N/A**
- c) Système de commande de boîte de transfert
Control system of transfer box **N/A**
- d) Type de différentiel central
Type of central differential **N/A**

605. Couple final
Final drive

	Avant / Front	Arrière / Rear
a) Type de couple final Type of final drive	N/A	Crownwheel and Pinion
b) Rapport Ratio	N/A	3.15
c) Nombre de dents Number of teeth	N/A	13:41
e) Type de lubrification Type of lubrication	N/A	Oil- Pressure fed

606. Arbres (4 roues motrices) :
Shafts(4 wheel drive) :
- a) Type des arbres longitudinaux
Type of longitudinal shafts **N/A**
- b) Matériau des arbres longitudinaux
Material of longitudinal shafts **N/A**
- c) Type des demi-arbres transversaux
Type of transversal half-shafts **N/A**
- d) Matériau des demi-arbres transversaux
Material of transversal half-shafts **N/A**

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

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7. SUSPENSION / SUSPENSION

	Avant / Front	Arrière / Rear
701. Généralités General		
a) Type de suspension Type of suspension	Double wishbone	Double wishbone
702. Ressorts hélicoïdaux Helicoidal springs	<input checked="" type="checkbox"/> oui yes <input type="checkbox"/> non no	<input checked="" type="checkbox"/> oui yes <input type="checkbox"/> non no
703. Ressorts à lames Leaf springs	<input type="checkbox"/> oui yes <input checked="" type="checkbox"/> non no	<input type="checkbox"/> oui yes <input checked="" type="checkbox"/> non no
704. Barres de torsion Torsion bars	<input type="checkbox"/> oui yes <input checked="" type="checkbox"/> non no	<input type="checkbox"/> oui yes <input checked="" type="checkbox"/> non no

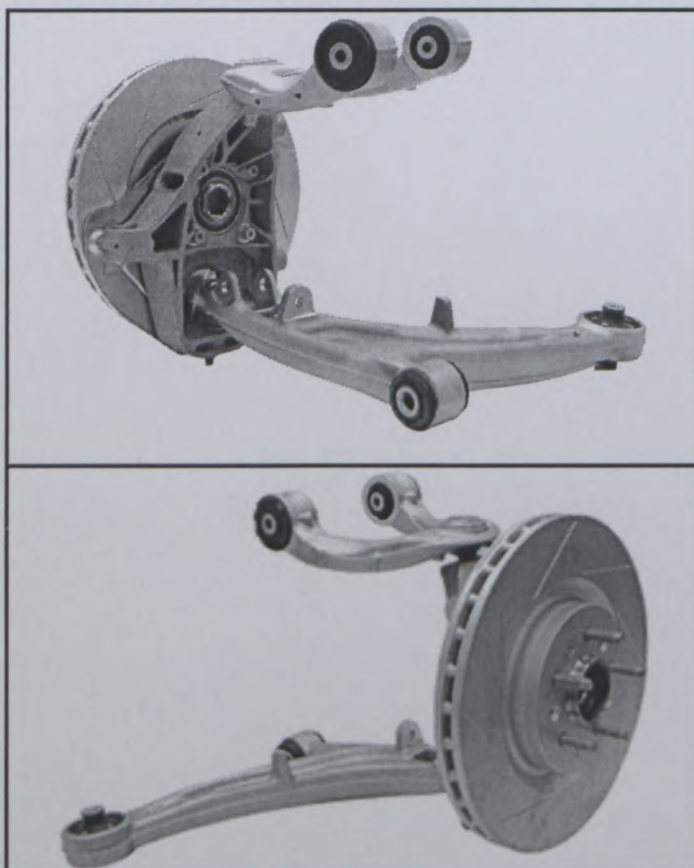
705. Autre type de suspension :
Other type of suspension :

*Voir description sur fiche additionnelle
See description on additional form*

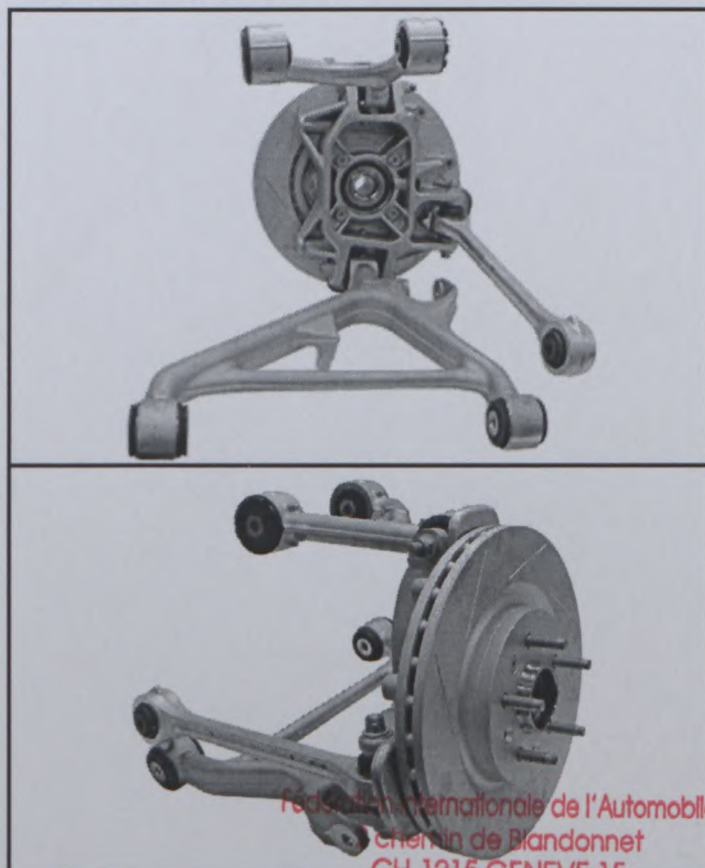
707. Amortisseurs :
Shock absorbers :

	Avant / Front	Arrière / Rear
a) Nombre par roue Number per wheel	1	1
c) Principe de fonctionnement Principle of operation	Telescopic-Hydraulic	Telescopic-Hydraulic

T) Train avant complet déposé
Complete dismantled front axle



U) Train arrière complet déposé
Complete dismantled rear axle



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Modèle
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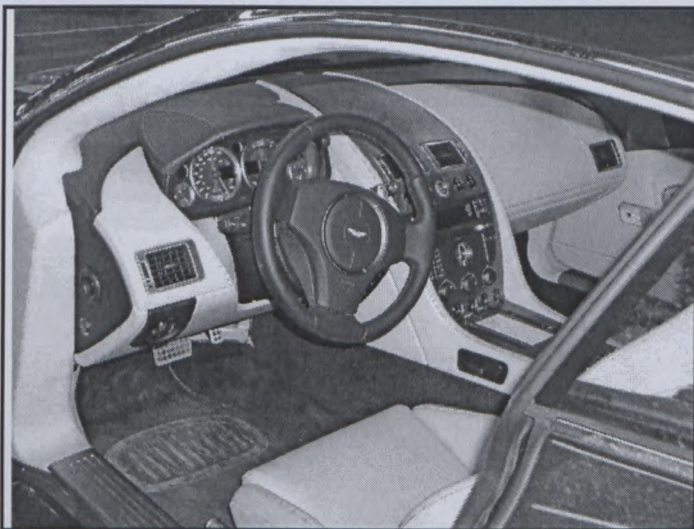
8. TRAIN ROULANT / RUNNING GEAR

804. Direction :
Steering :

	Avant / Front	Arrière / Rear
a) Type Type	Rack and Pinion	N/A
b) Servo-assistance Power assisted	<input checked="" type="checkbox"/> oui yes <input type="checkbox"/> non no	<input type="checkbox"/> oui yes <input type="checkbox"/> non no
Type Type	Hydraulic, mechanical	N/A

9. CARROSSERIE / BODYWORK

X) Tableau de bord
Dashboard



902. Extérieur :
Exterior :

a) Nombre de portes
Number of doors **2**

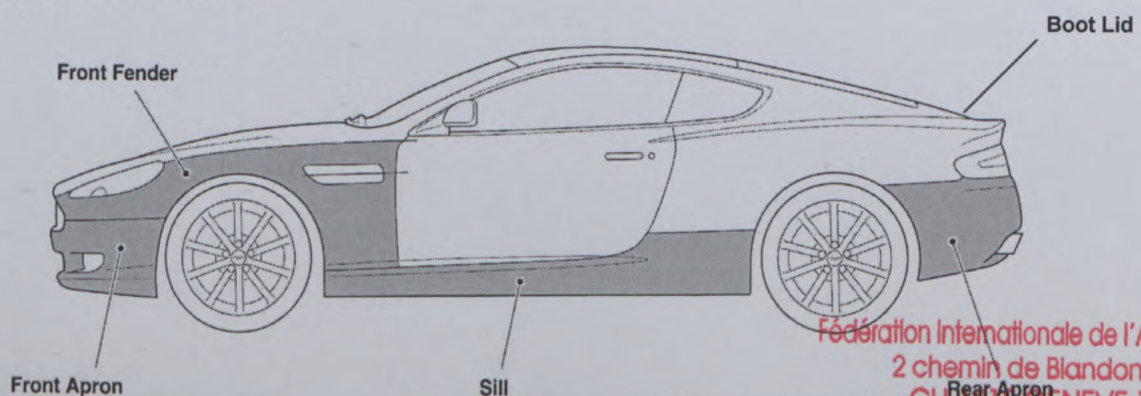
b) Hayon
Tailgate

<input type="checkbox"/> oui yes	<input checked="" type="checkbox"/> non no
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f) Matériau de la carrosserie
Bodywork material **Aluminium Alloy**

XIII) PARTIES DE CARROSSERIE NON METALLIQUES / NON METALLIC PARTS OF THE BODY

Synthetic body parts as indicated



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INFORMATIONS COMPLEMENTAIRES / COMPLEMENTARY INFORMATION

1 GENERAL

Chassis is bonded aluminium construction, with removable forward section incorporating the front upper suspension mountings.

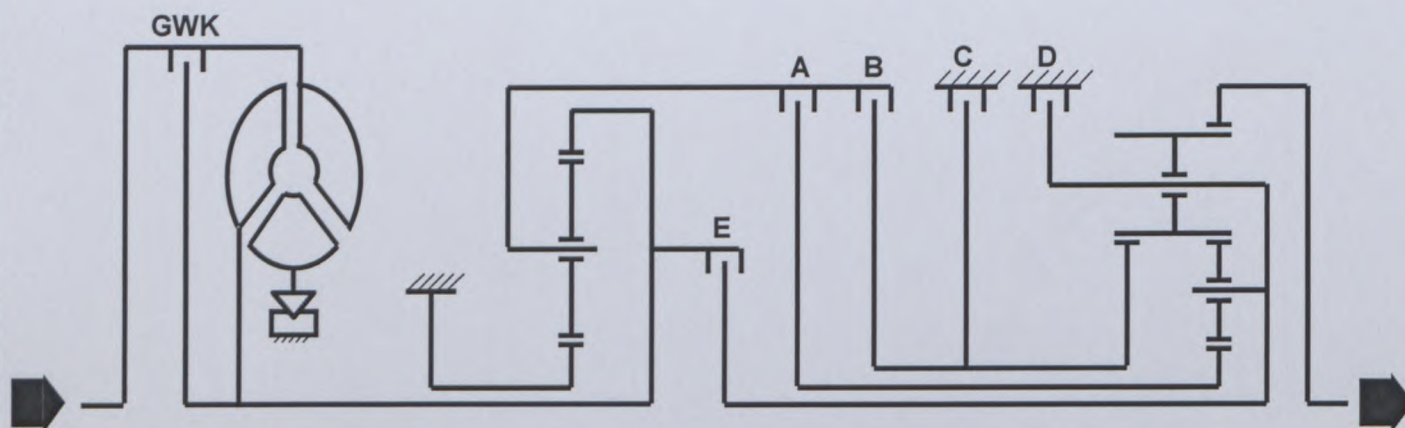
A bolt on aluminium sub-frame is used for front lower suspension mountings.

A bolt in tubular steel rear sub-frame mounts both the rear suspension and the transaxle.

BODY CONSTRUCTION

Bonnet, Rear wings, Doors, Roof panel are of aluminium alloy construction
Sills, front wings, Boot lid Front and Rear fenders are of synthetic materials

SCHEMATIC OF AUTO TRANSMISSION



The transmission runs through 3 epicyclic gear sets and 5 friction elements

Gear sets are :

Gear Set	Teeth on Sun	Teeth on Ring	Teeth on Pinion
1	37	71	16
2	38	85	23
3	31	85	24

Friction elements :

Friction Element Application Chart					
	A	B	C	D	E
1st	X			X	
2nd	X		X		
3rd	X	X			
4th	X				X
5th		X			X
6th			X		X
Rev		X		X	

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Modèle
Model DB9 COUPE

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INFORMATIONS COMPLEMENTAIRES / COMPLEMENTARY INFORMATION

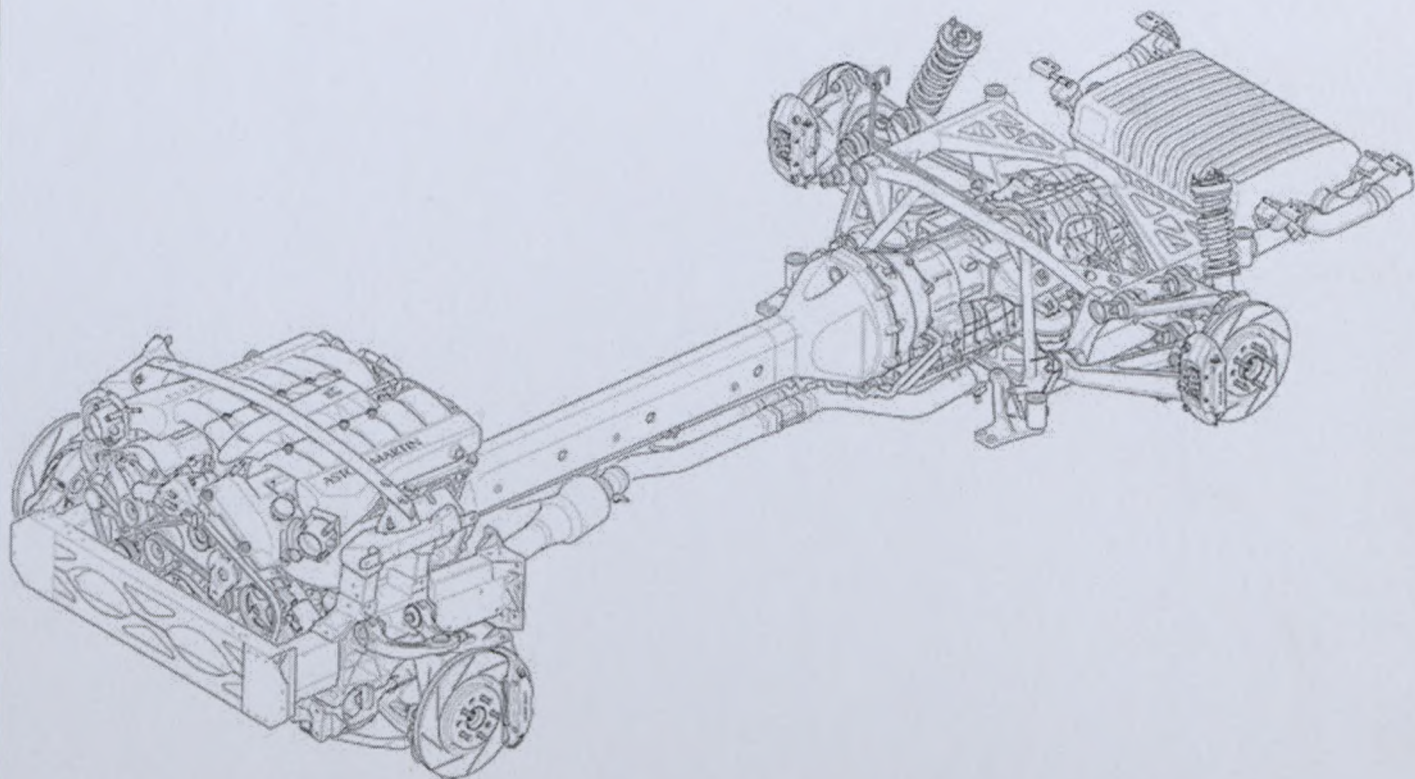


Image of complete Powertrain Assembly, as fitted to body shell on vehicle assembly



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CERTIFICAT DE DIMENSIONS INTERIEURES
CERTIFICATE FOR INTERIOR DIMENSIONS

Véhicule : Constructeur

Vehicle : Manufacturer

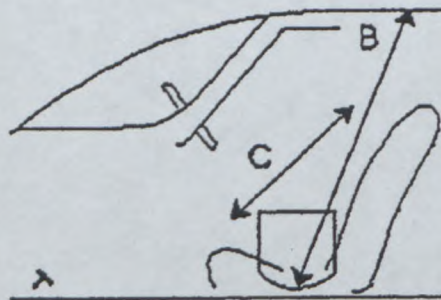
ASTON MARTIN LAGONDA LTD

Modèle et type

Model and type

DB9 Coupe

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)	<u>970</u> mm
C	(Largeur aux sièges avant) (Width at front seats)	<u>1270</u> mm



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DE L'AUTOMOBILE

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FICHE D'HOMOLOGATION POUR INFORMATIONS COMPLEMENTAIRES
HOMOLOGATION FORM FOR COMPLEMENTARIES INFORMATION

Véhicule : Constructeur

Vehicle : Manufacturer

ASTON MARTIN LAGONDA LTD

Modèle et type

Model and type

DB9 COUPE

Homologation valable à partir du

Homologation valid as from

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Page or ext.	Article	Description
		Largeur du pare-brise à mi-hauteur : <u>1325 mm</u> <i>Width of the windscreen halway up the screen :</i>

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FICHE D'EXTENSION D'HOMOLOGATION POUR ARMATURE DE SECURITE
HOMOLOGATION EXTENSION FORM FOR SAFETY CAGE

VO Variante option / Option variant

Véhicule : Constructeur ASTON MARTIN LAGONDA LTD Modèle et type DB9 COUPE
Vehicle : Manufacturer ASTON MARTIN LAGONDA LTD Model and type DB9 COUPE

Homologation valable à partir du **01 MARS 2005**
Homologation valid as from

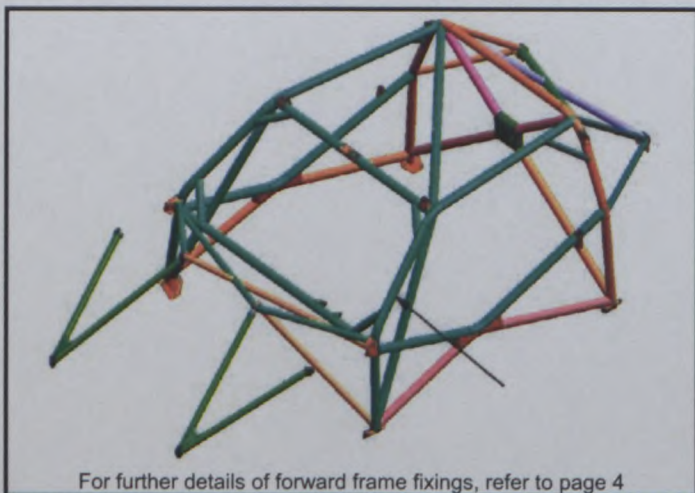
	Arceau principal Main rollbar	Entretoise longitudinale Longitudinal strut	Entretoise diagonale Diagonal strut	Arceau avant Front rollbar
Matériau Material	<u>15CDV6</u>	<u>15CDV6</u>	<u>15CDV6</u>	<u>15CDV6</u>
Diamètre extérieur Exterior diameter	<u>40</u> mm	<u>40</u> mm	<u>40</u> mm	<u>40</u> mm
Epaisseur de paroi Wall thickness	<u>1.0</u> mm	<u>1.5</u> mm	<u>1.0</u> mm	<u>1.0</u> mm
Limite élastique Elastic limit	<u>78</u> daN/mm ²	<u>78</u> daN/mm ²	<u>78</u> daN/mm ²	<u>78</u> daN/mm ²
Résistance à la traction Tensile strength	<u>98-118</u> daN/mm ²	<u>98-118</u> daN/mm ²	<u>98-118</u> daN/mm ²	<u>98-118</u> daN/mm ²

Fabricant de l'armature
Structure manufacturer PRODRIVE / ASTON MARTIN RACING

Poids total y compris les fixations
Total weight including fixations 32.7 kg

Arceau soudé
Welded rollbar oui / yes non / no

Armature complète hors de la voiture
Complete structure outside the car (Indiquer par une flèche la position de la plaque d'identification)
(Indicate the position of the identification plate with an arrow)



Nous attestons que la présente armature de sécurité répond aux dispositions de l'Annexe J de la FIA, en particulier en ce qui concerne ses implantations, ses connexions, et ses résistances aux contraintes.

We certify that the present safety structure complies with the conditions of the FIA Appendix J, in particular with regard to its attachments, its connections, and its stress resistances.

Nom et signature du représentant du constructeur du véhicule
Name and signature of the car manufacturer representative

George Howard-Chappell

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Marque
Make

ASTON MARTIN LAGONDA LTD

Modèle
Model

DB9 COUPE

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01/01 VO

PHOTO montrant l'identification du constructeur et le numéro de série de l'arceau.

PHOTO showing the manufacturer's identification and the series number of the rollbar.



PHOTO N° 2

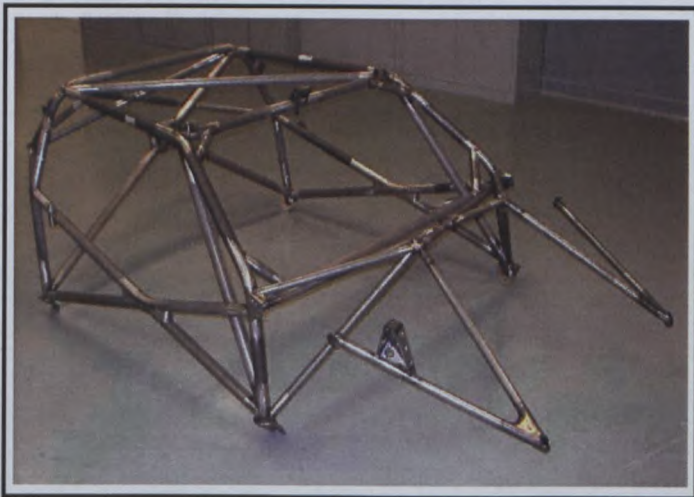


PHOTO N° 4

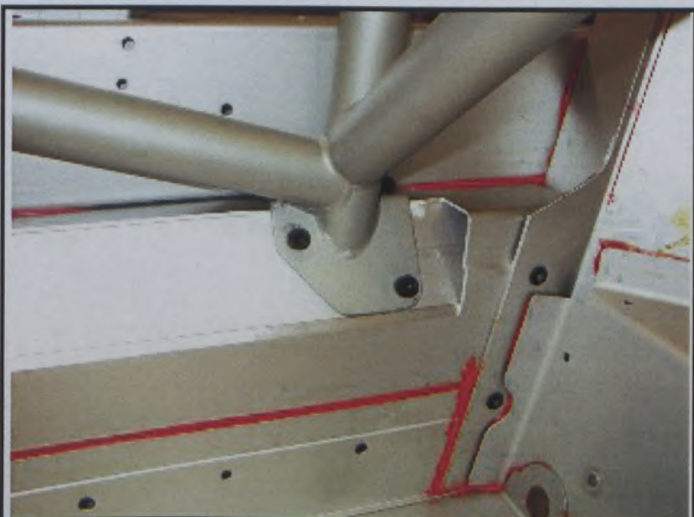


PHOTO N° 1

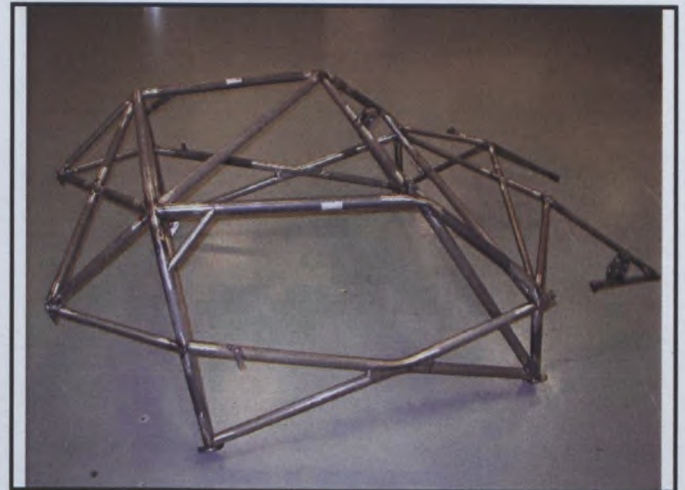


PHOTO N° 3

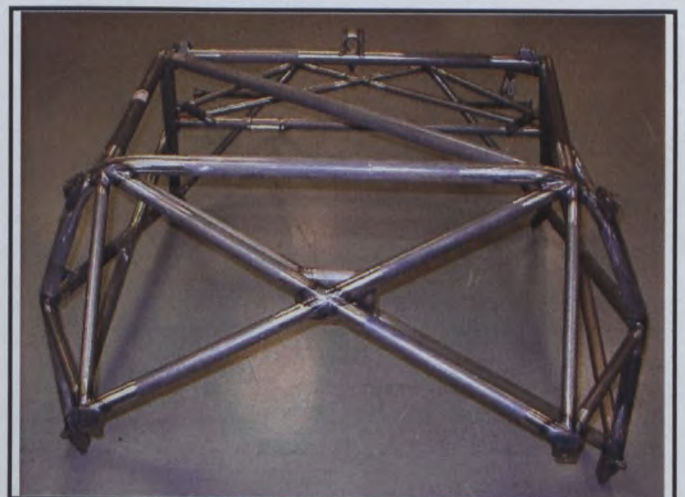
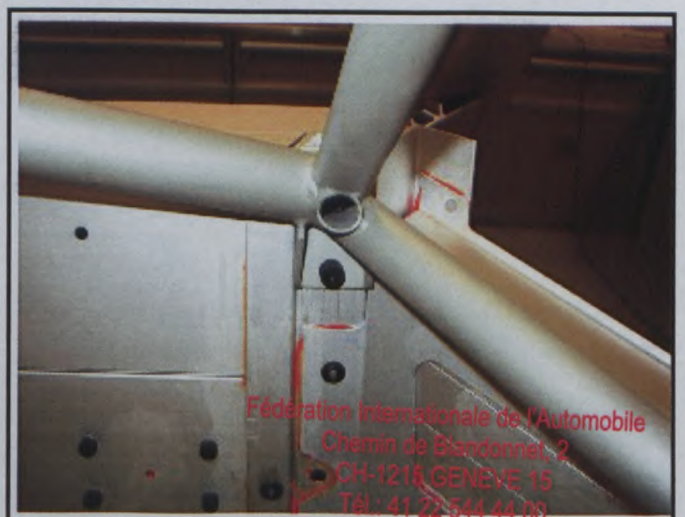


PHOTO N° 5



Marque
Make

ASTON MARTIN LAGONDA LTD

Modèle
Model

DB9 COUPE

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PHOTO N° 6

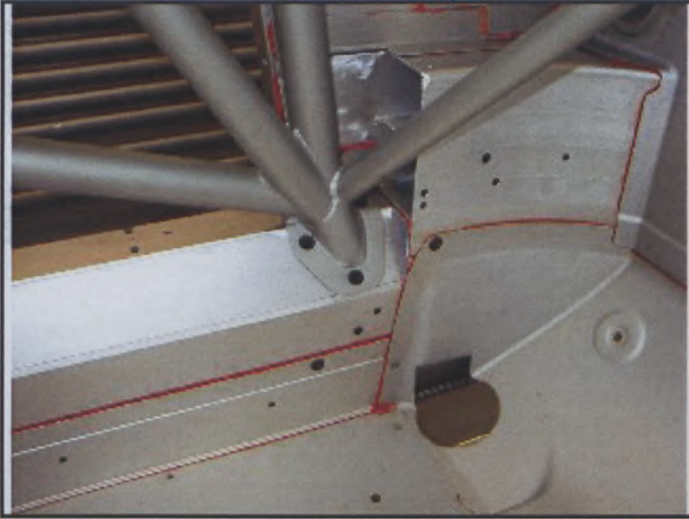


PHOTO N° 7



PHOTO N° 8



PHOTO N° 9

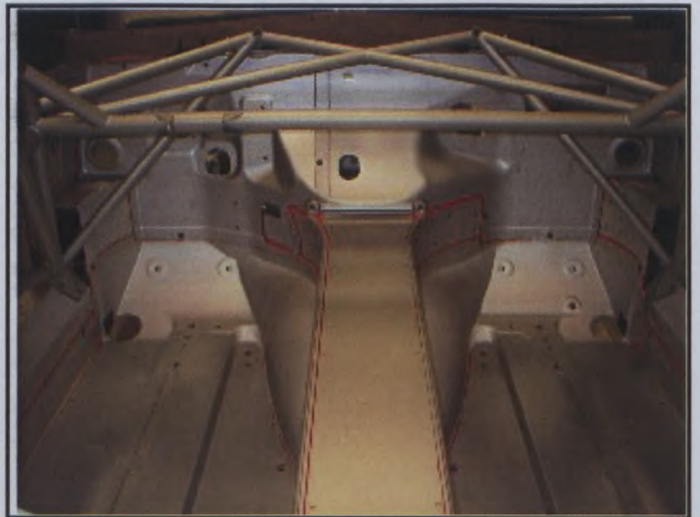


PHOTO N° 10



PHOTO N° 11



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ANALYSIS RESULT SHEET



TITLE: FIA Appendix J Article 253 Roll Cage Test on Prodrive Aston Martin DBR9 Roll Over Protection System

MIRA-1006359-01

Page 1 of 2

Project No: 1006359

Customer Authority: AMR/310885

Test Date: 30th June 2004

Customer Address:

Prodrive Motorsport Ltd
Acorn Way
Banbury
Oxfordshire
OX16 3ER

Client Liaison Engineer:

Ian Ludgate

Test Specification:

Articles 8.4.3.1 and 8.4.3.2 of the above detailed FIA specification. Vehicle Weight declared to be 1100kg.

Roll Over Protection System Description:

Manufacturer	Prodrive Motorsport Ltd
Vehicle	Aston Martin DBR9
Material Type	15CDV6
Tube sizes and location	Main B hoop, Door-Bars and Pit-Prop - 40mm x 1mm Front Rollbar - 40mm x 1.5mm Rear struts - 28mm x 1.0mm Rear diagonals - 35mm x 1.0mm

Analysis Methodology:

A simple beam element representation of the roll over protection system (ROPS) was created using the drawings supplied. The main roll hoop load was applied vertically downwards through a rigid stamp across the upper main hoop member. The front roll hoop load direction was an angle of 5 degrees forwards from the vertical and 25 degrees inboard from the vertical. Material properties for the 15CDV6 material were provided by Prodrive. The displacement of the structure at the target load is shown below. The small displacement theory used does not allow for any deformation of the cross-section during the simulation. The method does not take into account any effects of manufacturing techniques e.g. heat-affected zones or local wall thickness changes at bends or welds. Appropriate translational restraints were applied at the lower roll cage attachment points. No account was taken of the contribution of the vehicle body to the stiffness.

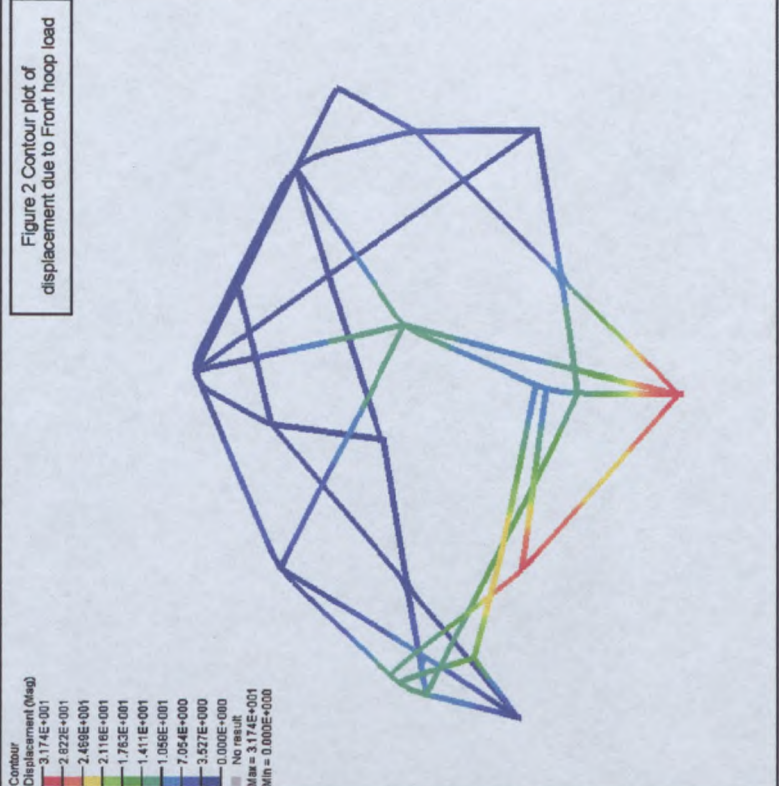
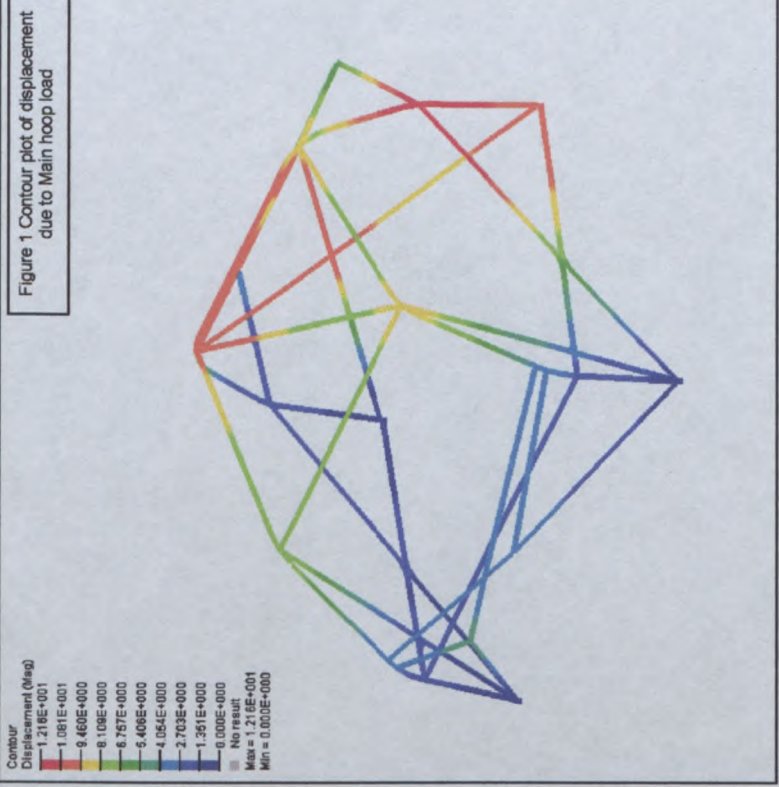
Results:

Displacement contour plots can be found in Figures 1 and 2 with the maximum displacements shown below.

Load type	Applied Load (kN)	Maximum Allowable Displacement (mm)	Displacement of Roll Cage (mm)	Predicted Buckling Load (kN)
Main hoop load	92.0	50	9.6	258
Front hoop load	42.9	100	12.8	130

The ROPS is predicted to meet the loads within the displacement limits specified.

	Name	Position	Signature	Date
Prepared By	O M Tomlin	Senior Engineer		30th June 2004
Concurred By	J R Hopton	Department Manager		30-6-04



Ian Ludgate

From: Oliver Tomlin [oliver.tomlin@mira.co.uk]
Sent: 09 July 2004 13:30
To: 'Ian Ludgate'
Subject: RE: Corner bracing

Ian,

I have no problem with the updated design. Send me the form and I will sign it and forward it to the MSA.

Regards,

Oliver

-----Original Message-----

From: Ian Ludgate [mailto:ILudgate@prodrive.com]
Sent: 09 July 2004 13:47
To: Oliver Tomlin
Subject: RE: Corner bracing

Sorry!!.....

-----Original Message-----

From: Oliver Tomlin [mailto:oliver.tomlin@mira.co.uk]
Sent: 09 July 2004 13:45
To: 'Ian Ludgate'
Subject: RE: Corner bracing

Ian,

there was nothing attached to the e-mail.

Oliver

-----Original Message-----

From: Ian Ludgate [mailto:ILudgate@prodrive.com]
Sent: 09 July 2004 13:39
To: Oliver Tomlin
Subject: Corner bracing

Oliver,

Here is my proposed bracing. Normally I would do this with gussets but tubes are easier to make.

I cant see this being a problem but wanted to run it passed you.

Thank you.

Regards

Ian-

Ian Ludgate

Race Team Drawing Office Manager

Prodrive

Banbury, Oxfordshire, OX16 3ER, England

T +44 (0) 1295 754150

F +44 (0) 1295 252443

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W www.prodrive.com

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**FEDERATION INTERNATIONALE
DE L'AUTOMOBILE**

Homologation N°

GT-016

Groupe

Group

GT

Extension N°

02/02 VO

**FICHE D'EXTENSION D'HOMOLOGATION
HOMOLOGATION EXTENSION FORM**

- | | |
|--|--|
| <input type="checkbox"/> ES Evolution sportive du type / Sporting evolution of the type | <input checked="" type="checkbox"/> VO Variante option / Option variant |
| <input type="checkbox"/> ET Evolution normale du type / Normal evolution of the type | <input type="checkbox"/> VP Variante de Production / Production variant |
| <input type="checkbox"/> VF Variante de fourniture / Supply variant | <input type="checkbox"/> ER Erratum / Erratum |

Véhicule : Constructeur

Vehicle : Manufacturer

ASTON MARTIN LAGONDA LTD

Modèle et type

Model and type

DB9 COUPE

Homologation valable à partir du
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01 MARS 2005

Page or ext.	Article	Description
FIA GT 1		BODYWORK Front Fender Drawing 1 – Showing overlay of production and racing Front Fender - Page 2 Drawing 2 – Showing effect of Front Fender on Undertray - Page 2 Cad image 1 – Showing shape of racing front Fender - Page 3 Photo 1 – Showing shape of production Front Fender - Page 3

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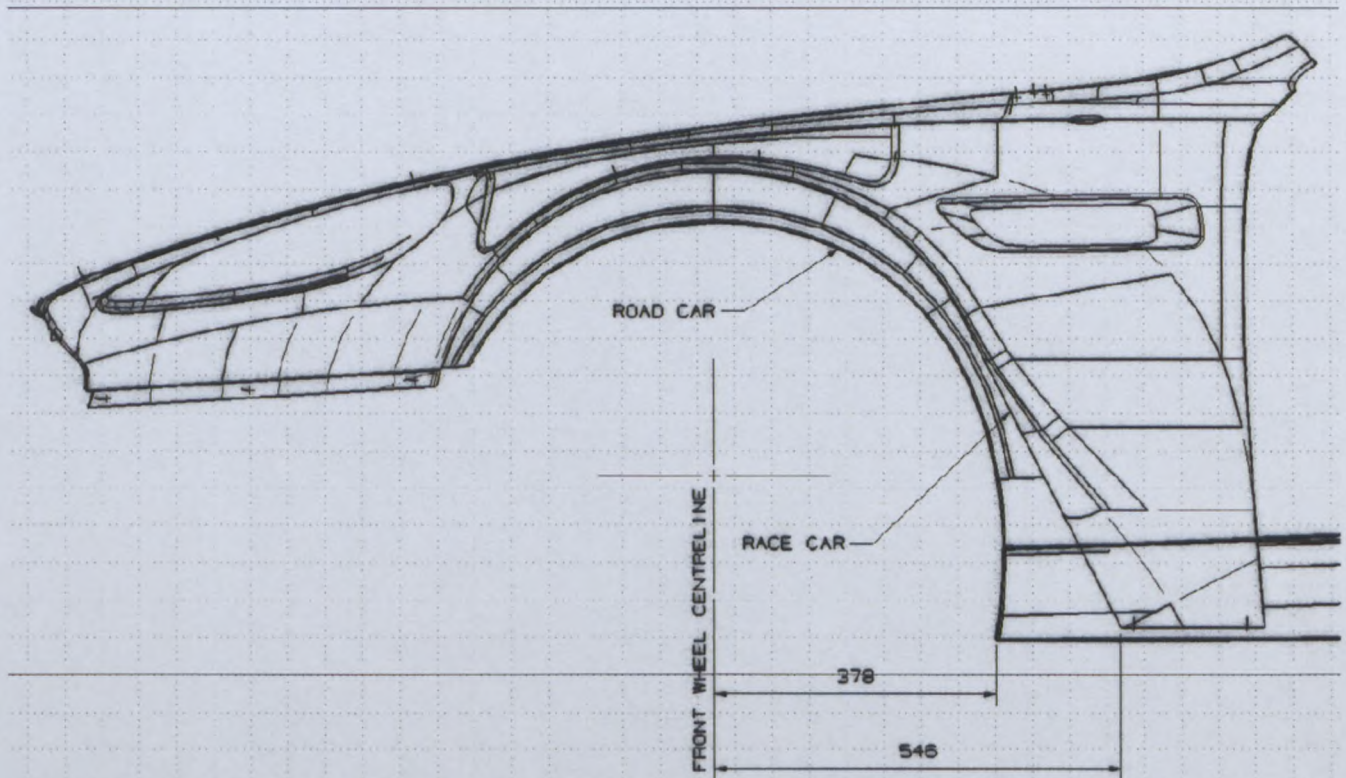
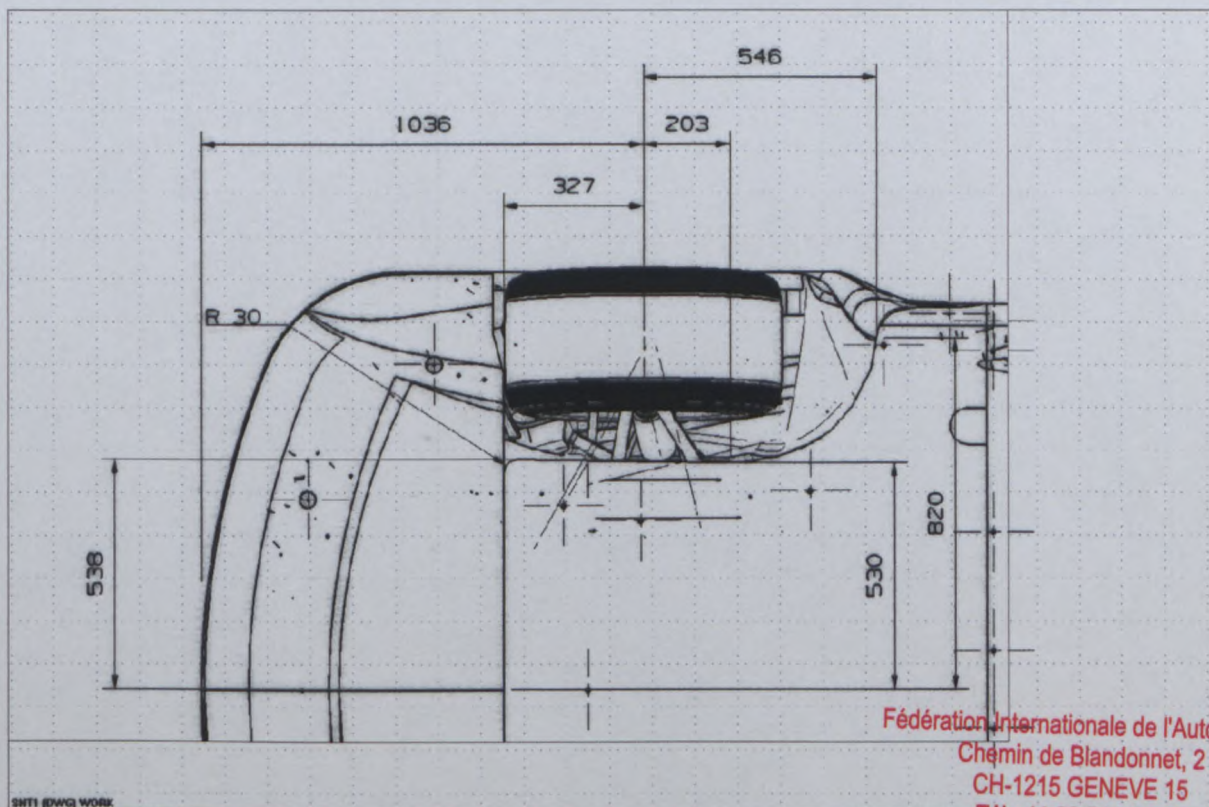
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ModelDB9 COUPE**GT-016**

Extension N°

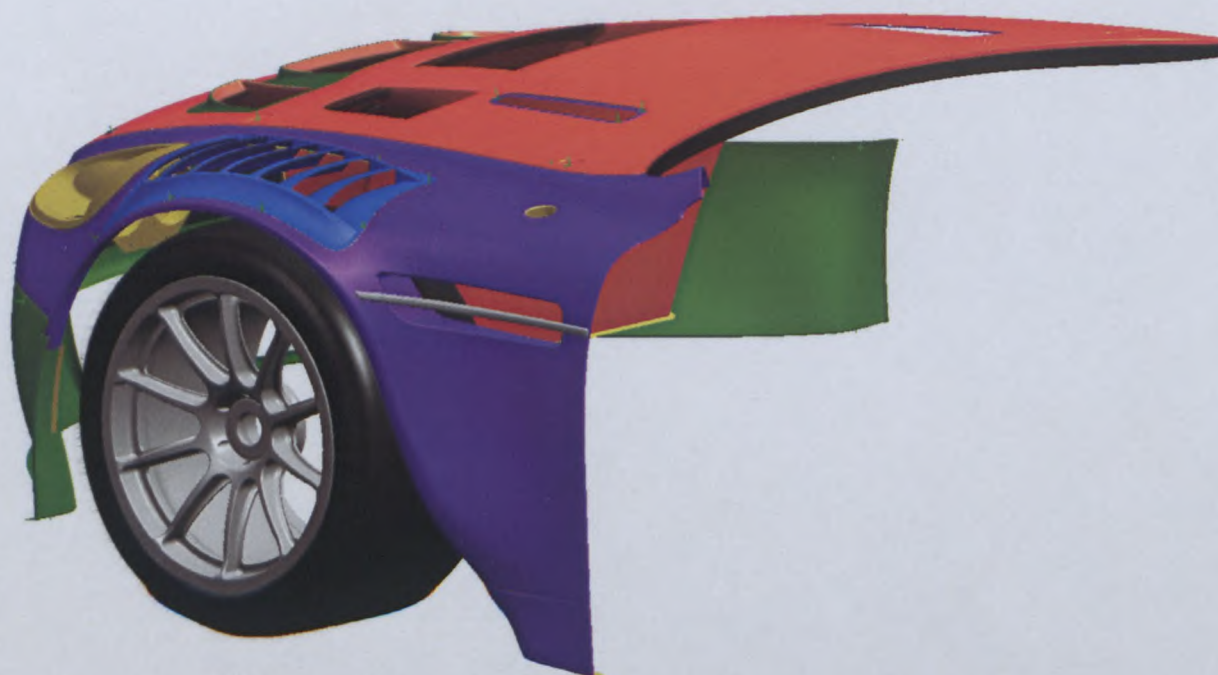
02/02 VODrawing No 1 Overlay of road and race car FendersDrawing No 2 Showing undertray shape in area of Front Fender

SHT1 (DWG) WORK

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Marque
MakeASTON MARTIN LAGONDA LTDModèle
ModelDB9 COUPE**GT-016**

Extension N°

02/02 VOCAD Image 1 Showing race car FenderPHOTO N° 1 Showing standard road car Fender

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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Homologation N°

GT-016

Groupe

Group

GT

Extension N°

03/03 VO

FICHE D'EXTENSION D'HOMOLOGATION
HOMOLOGATION EXTENSION FORM

- 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 **VP** Variante de Production / Production variant
- VF** Variante de fourniture / Supply variant **ER** Erratum / Erratum

Véhicule : Constructeur

Vehicle : Manufacturer

ASTON MARTIN

Modèle et type

Model and type

DB9

Homologation valable à partir du
Homologation valid as from

01 MAI 2005

Page or ext.	Article	Description	Page n°
7	701	SUSPENSION	
		Front Suspension	
		Photo 1 Suspension pick up points	3
		Photo 2 Top wishbone and damper top mount	3
		Photo 3 Subframe, lower wishbone mounting	3
		Photo 4 Wishbones and track rod	3
		Photo 5 Lower wishbone	3
		Photo 6 Upper wishbone	3
		Photo 7 Anti-roll bar link	4
		Photo 8 Upright	4
		Photo 9 Upright	4
		Photo 10 Suspension Assembly	4
7	701	Rear Suspension	
		Photo 11 Subframe	4
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Modèle
Model **DB9**

GT-016

Extension N°

03/03 VO

Page or ext.	Article	Description			
8	801	Photo 16	Damper top mount	5	
		Photo 17	Wishbones and track control arm	5	
		Photo 18	Lower wishbone	6	
		Photo 19	Upper wishbone	6	
		Photo 20	Track control arm	6	
		Photo 21	Upright	6	
		Photo 22	Upright	6	
		Photo 23	Suspension Assembly	6	
		STEERING			
		Photo 24	Steering rack	7	
		Photo 25	Steering rack installation	7	
		Drawing 1	Steering rack position	7	
		Photo 26	Track rod	7	
		Photo 27+28	Steering column installation	8	
		Photo 29	Upper steering column with collapsible section (ref. R9-G1-046-B)	8	
		Photo 30	Lower steering column (ref. R9-G1-042-A)	8	
		Drawing 4	Lower steering column (Material main tube T45 1"x18 SWG)	12	
Drawing 5	Upper steering column (Material main tube T45 1"x18 SWG)	13			
1	104	Photo 31	KAYABA power steering motor (ref. RP2702-01000 EPAS Gear 'A')	8	
			ECU of power steering (ref. 82500-00111 EPAS ECU)	8	
			Steering system schematic diagram	9	
		CHASSIS			
		Photo 32	Engine bay	10	
		Photo 33	Engine bay (showing rear engine mounting detail)	10	
		Photo 34	Modifications to lower edge of screen surround	10	
		Photo 35	Transmission Tunnel	10	
		Drawing 2	Rear tunnel modifications	10	
		Photo 36	Modification to upper rail for front wheel clearance	11	
Drawing 6	Modification to upper rail for front wheel clearance	14			
Photo 37	Sill modification for exhaust exit	11			
Photo 38	Seat mounting brackets	11			
Photo 39	Front radiator duct and cross member	11			
Drawing 3	Front cross member modification	11			

GT-016

03/03 VO

Marque
Make **ASTON MARTIN**

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Model **DB9**

PHOTO N° 01

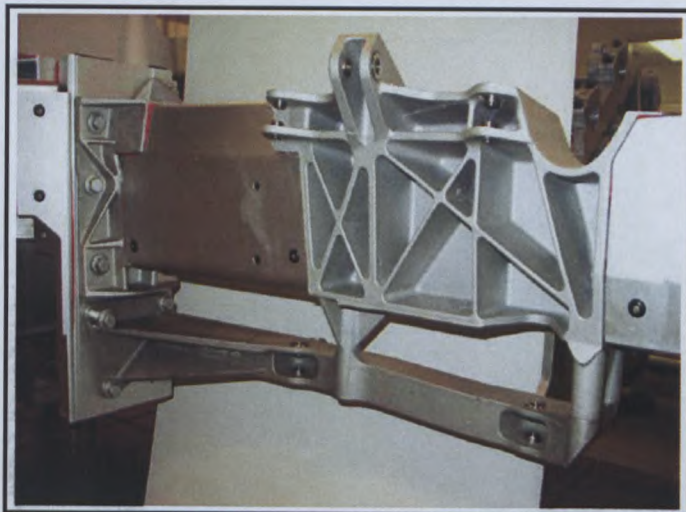


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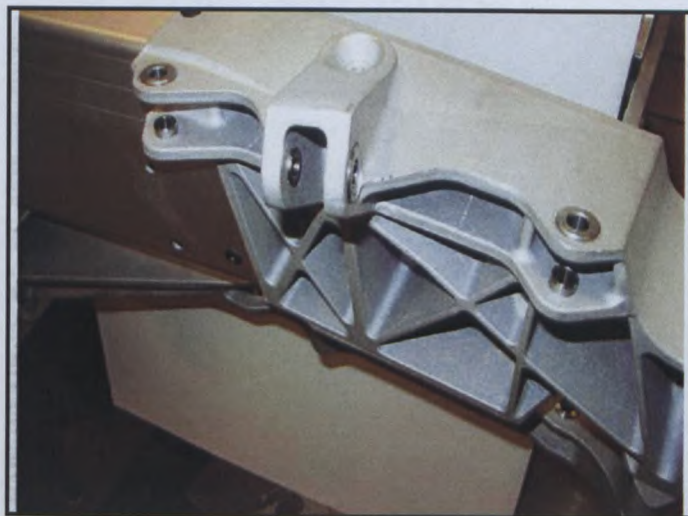


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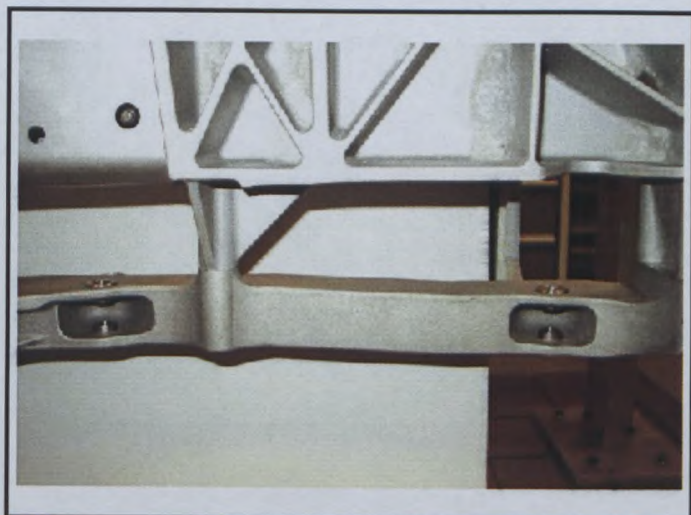


PHOTO N° 04



PHOTO N° 05



PHOTO N° 06



Marque **ASTON MARTIN**
Make

Modèle **DB9**
Model

GT-016

Extension N°

03/03 VO

PHOTO N° 07

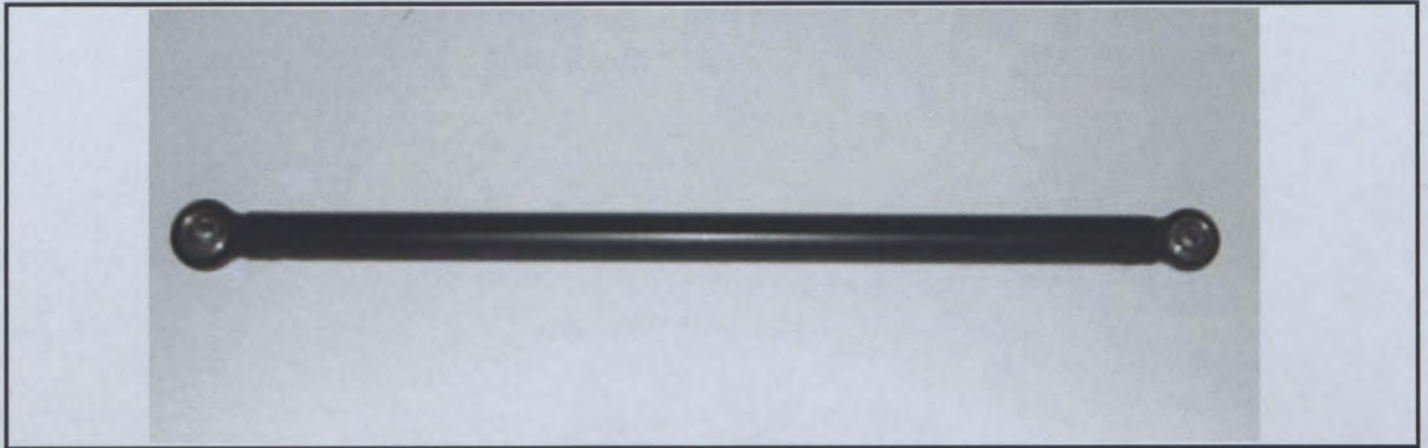


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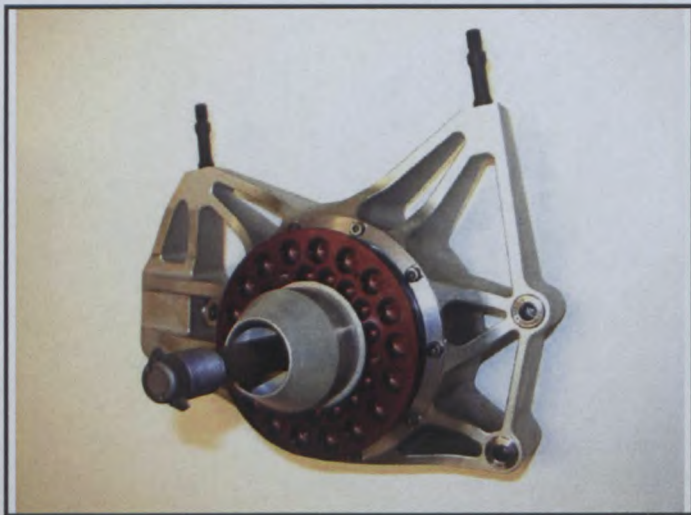


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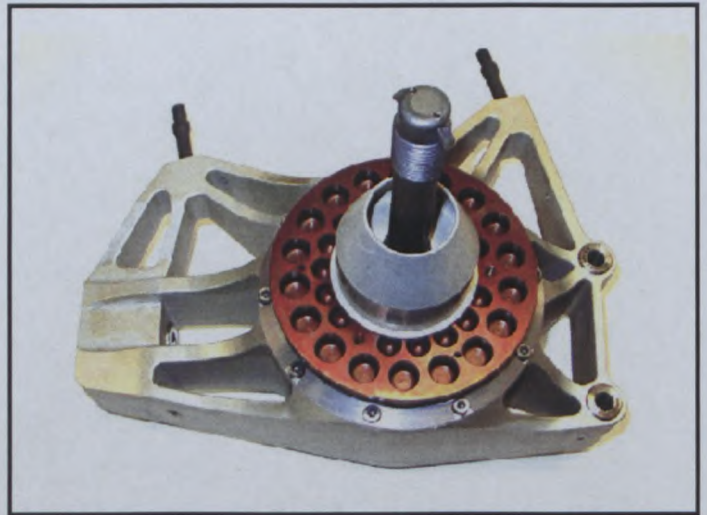


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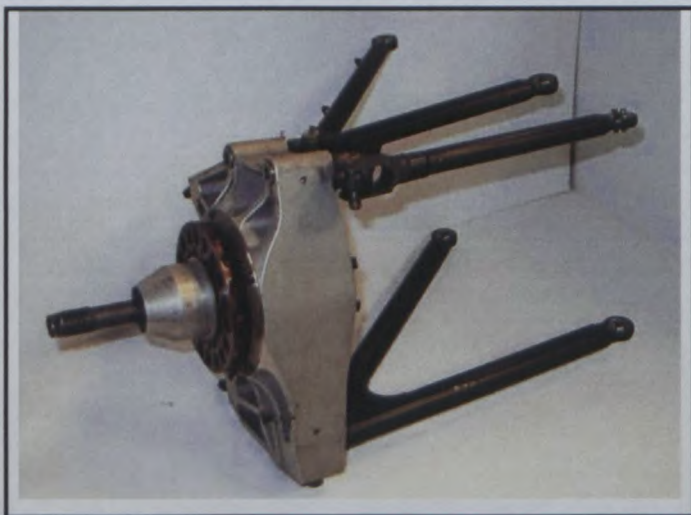
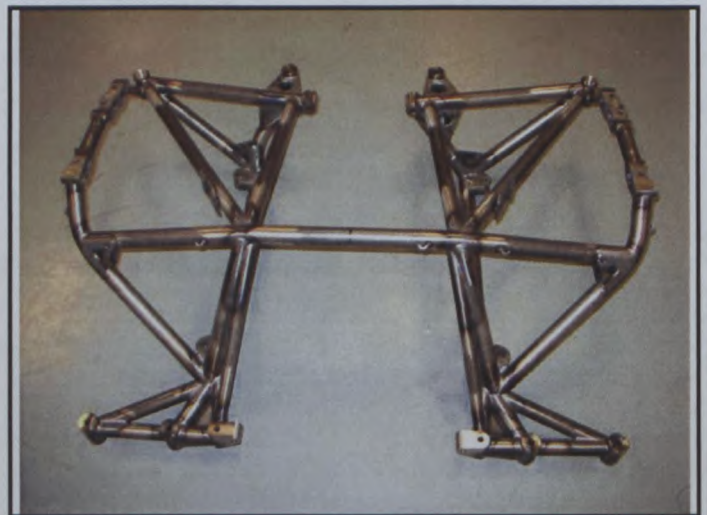


PHOTO N° 11



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

Homologation N°

GT-016

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03/03 VO

PHOTO N° 12

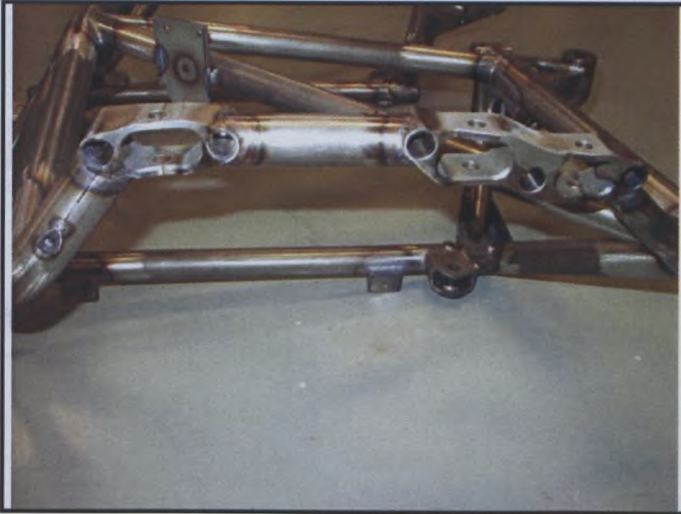


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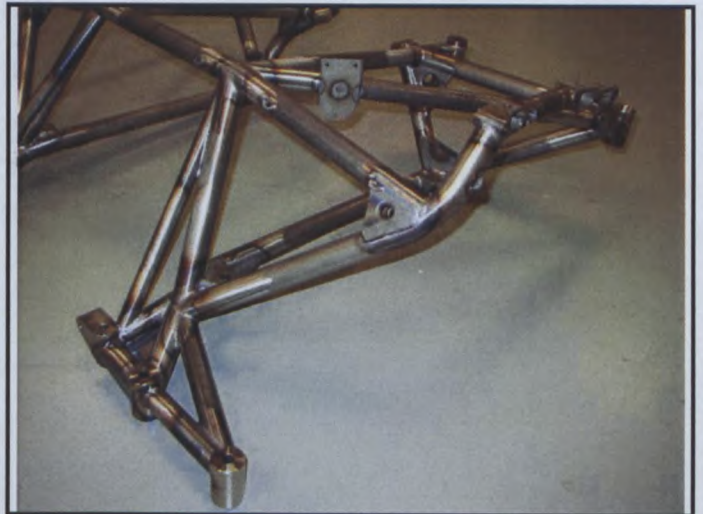


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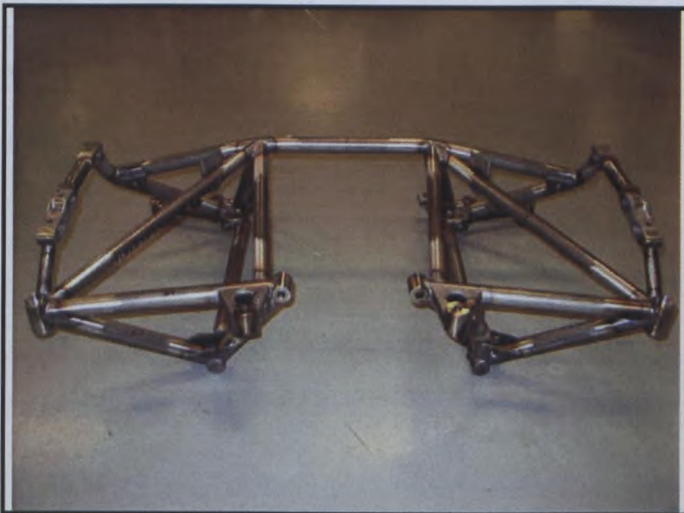


PHOTO N° 15



PHOTO N° 16



PHOTO N° 17



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

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GT-016

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PHOTO N° 18



PHOTO N° 19



PHOTO N° 20



PHOTO N° 21

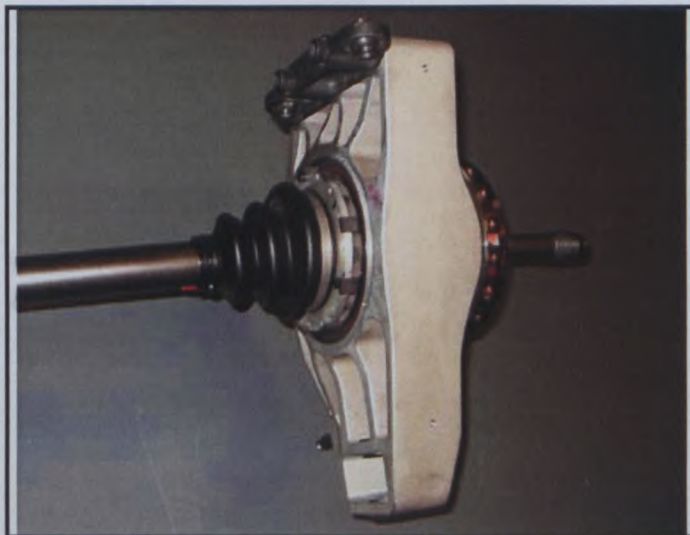


PHOTO N° 22



PHOTO N° 23



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Modèle
Model **DB9**

GT-016

03/03 VO

PHOTO N° 24

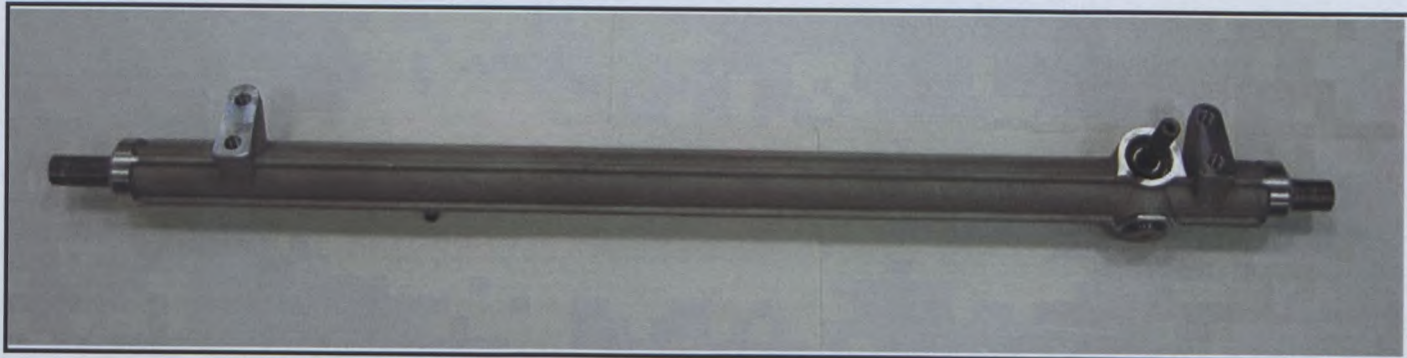


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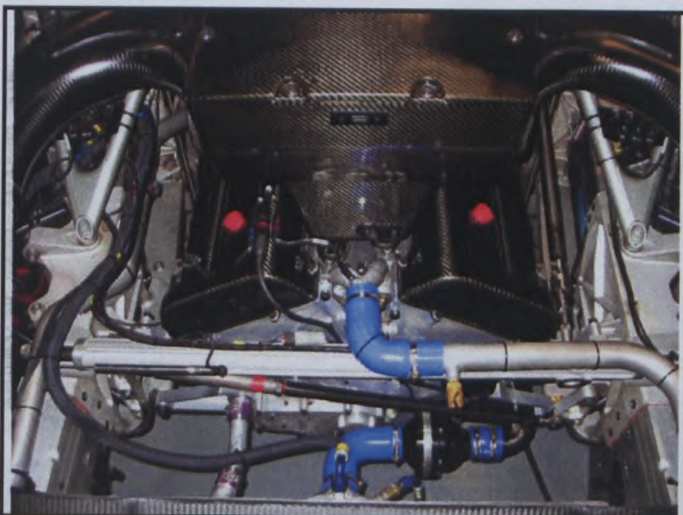
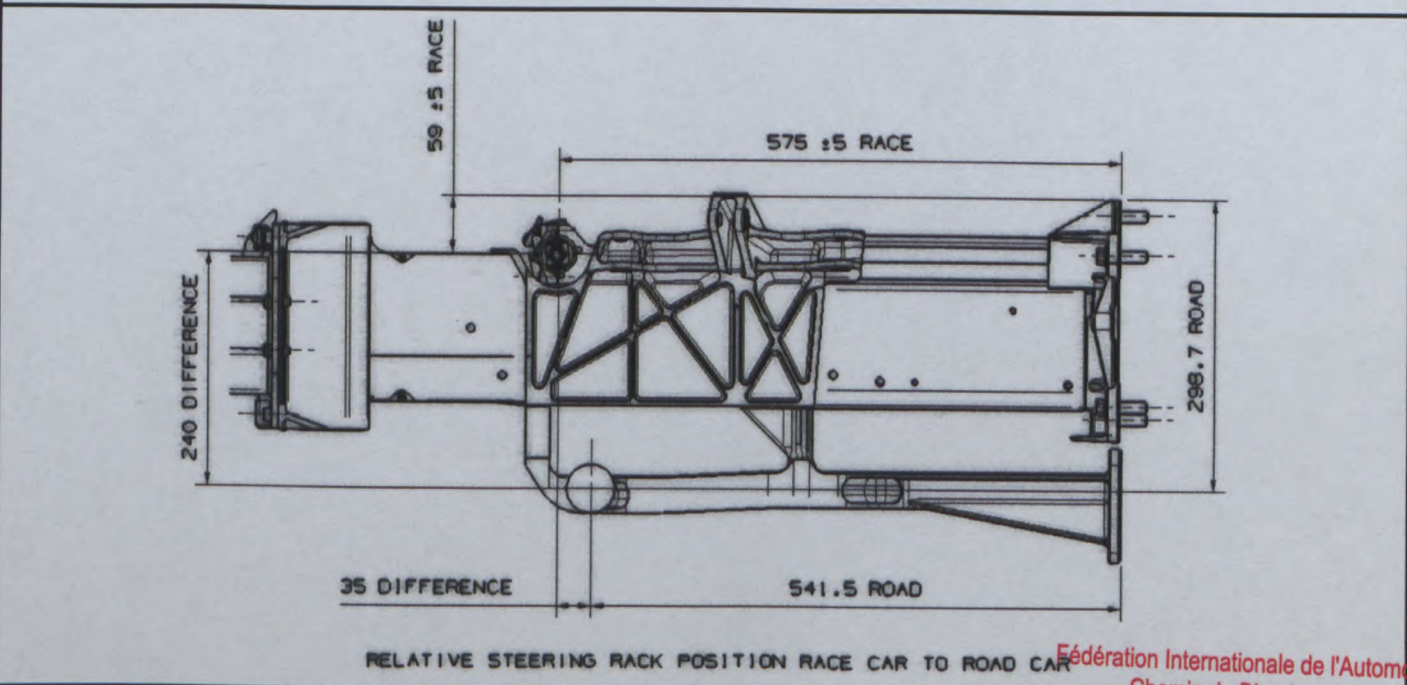


PHOTO N° 26



DRAWING N° 1



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Make **ASTON MARTIN**

Modèle
Model **DB9**

GT-016

Extension N°

03/03 VO

PHOTO N° 27

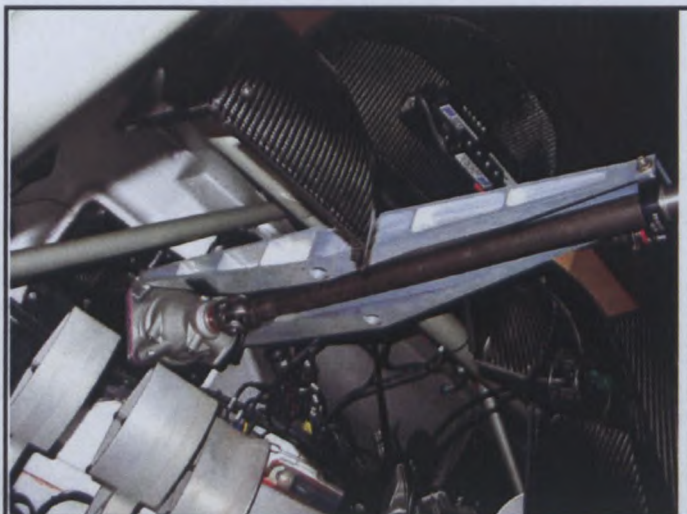


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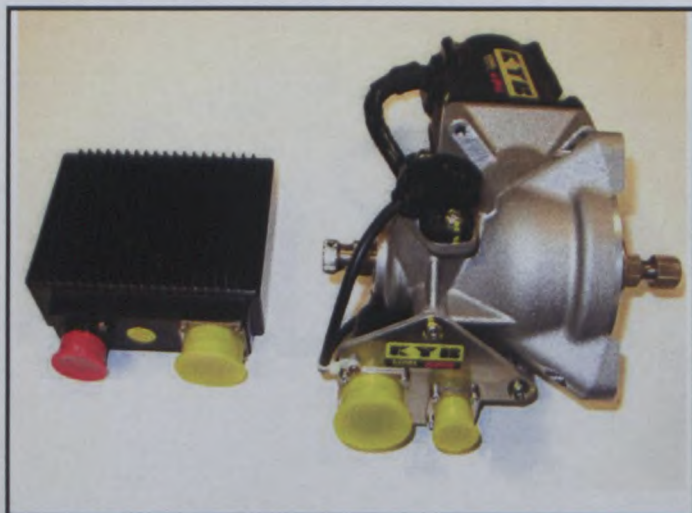
PHOTO N° 29



PHOTO N° 30



PHOTO N° 31



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

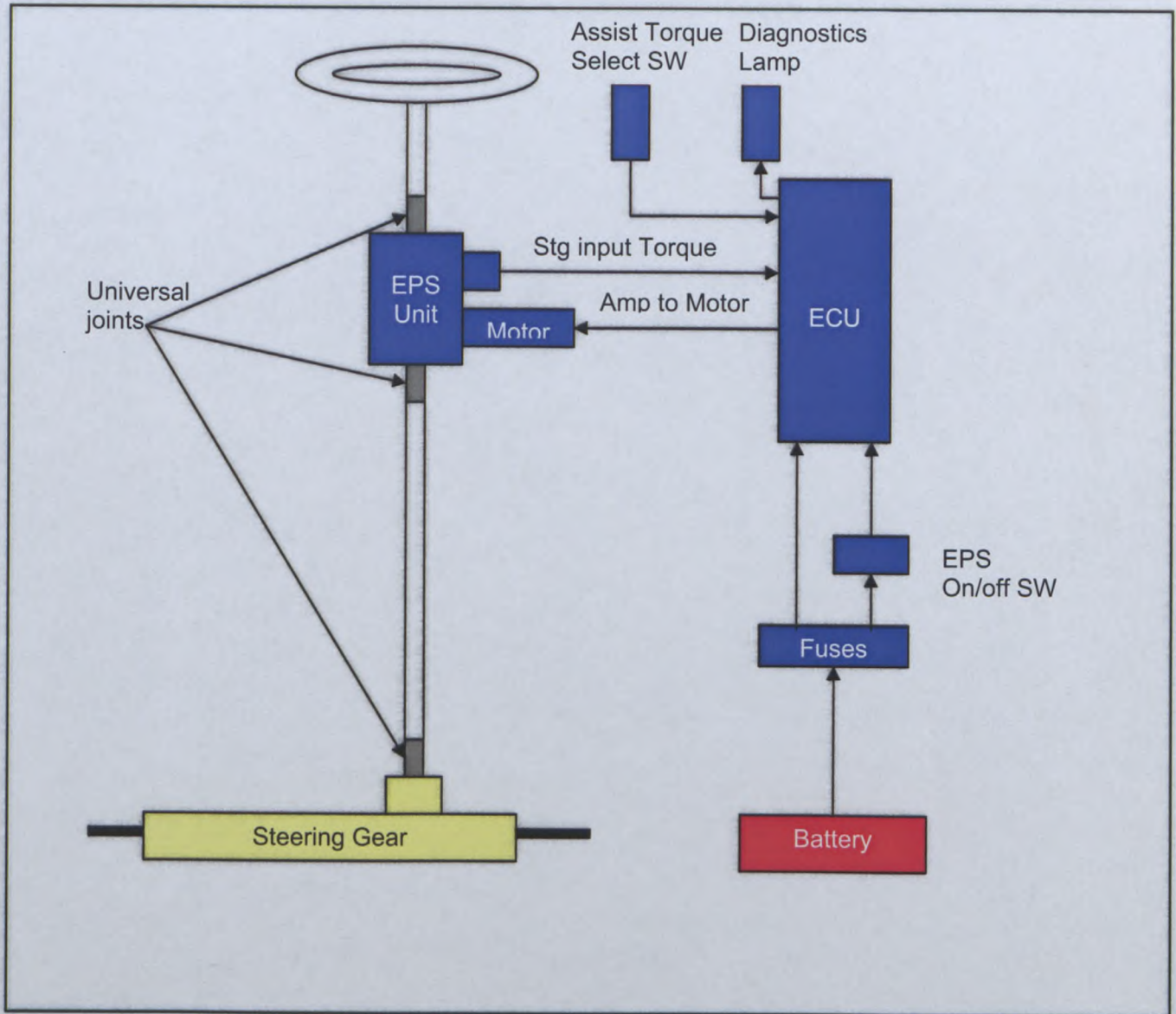
Homologation N°

GT-016

Extension N°

03/03 VO

Kayaba Electric Power Assist System
as fitted to the Aston Martin DBR9



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

GT-016

03/03 VO

PHOTO N° 32



PHOTO N° 33



PHOTO N° 34

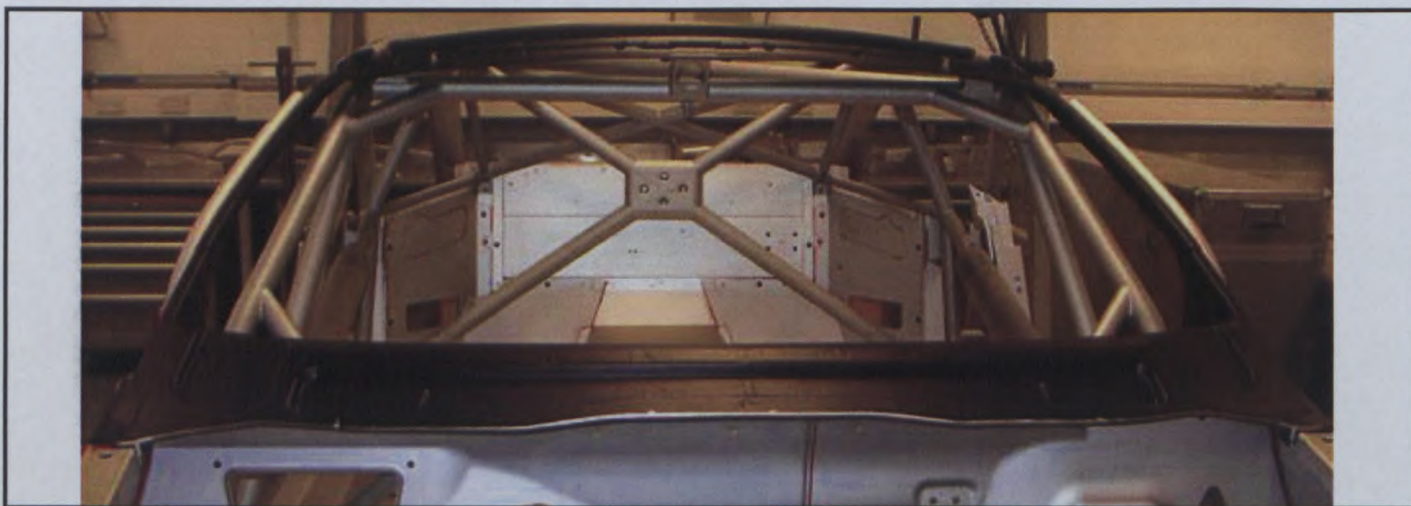
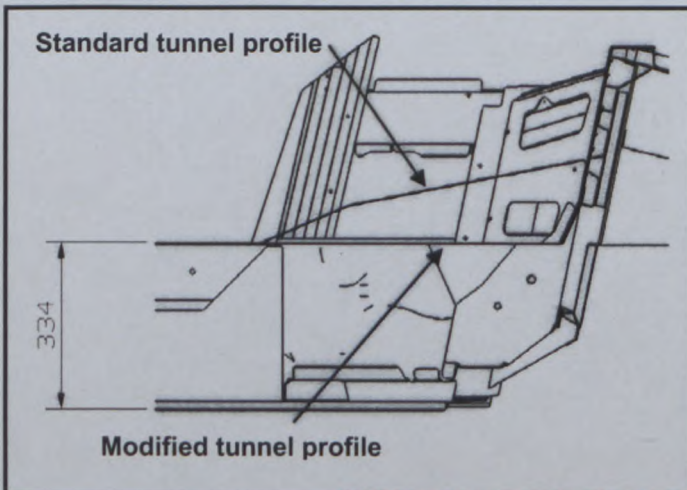


PHOTO N° 35



DRAWING N° 2



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

Homologation N°

GT-016

Extension N°

03/03 VO

PHOTO N° 36



PHOTO N° 37



PHOTO N° 38

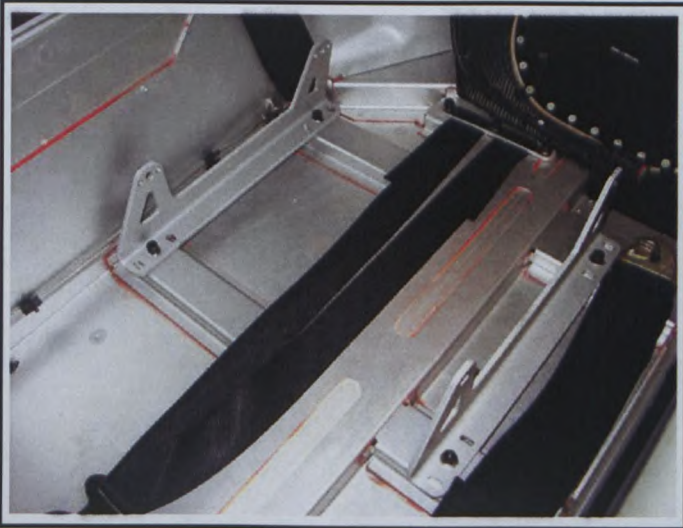
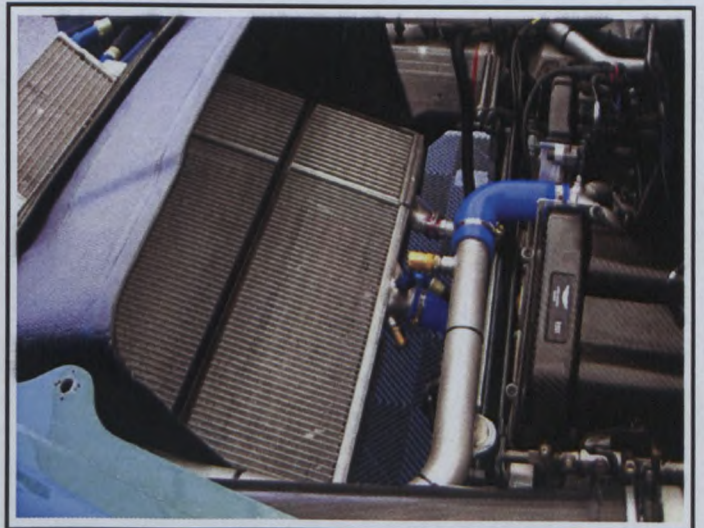
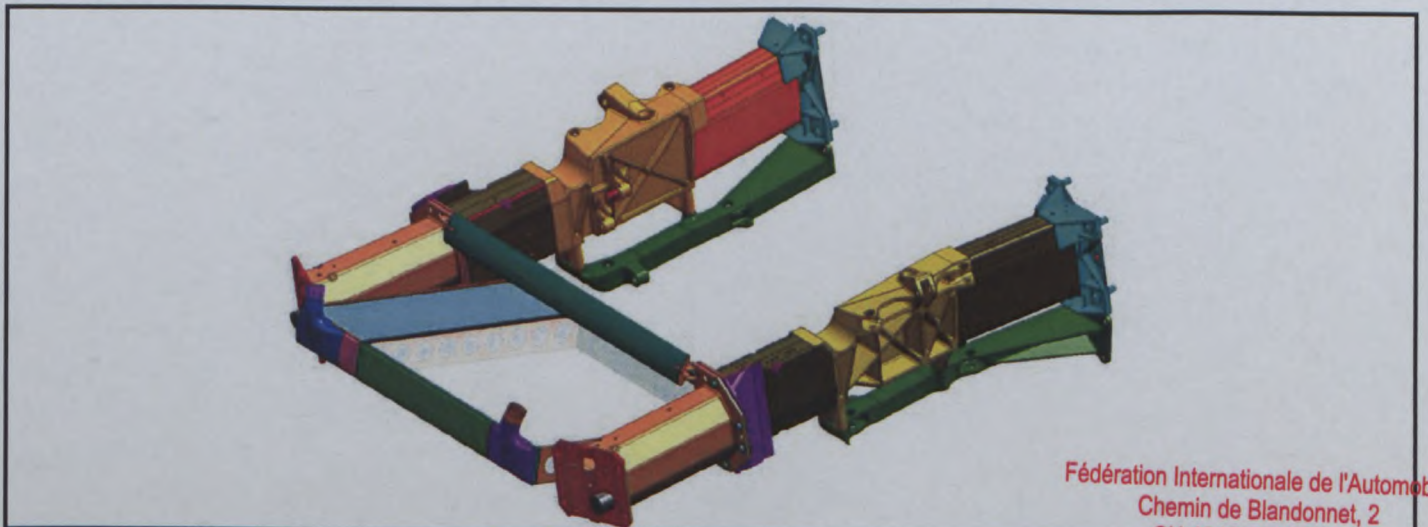


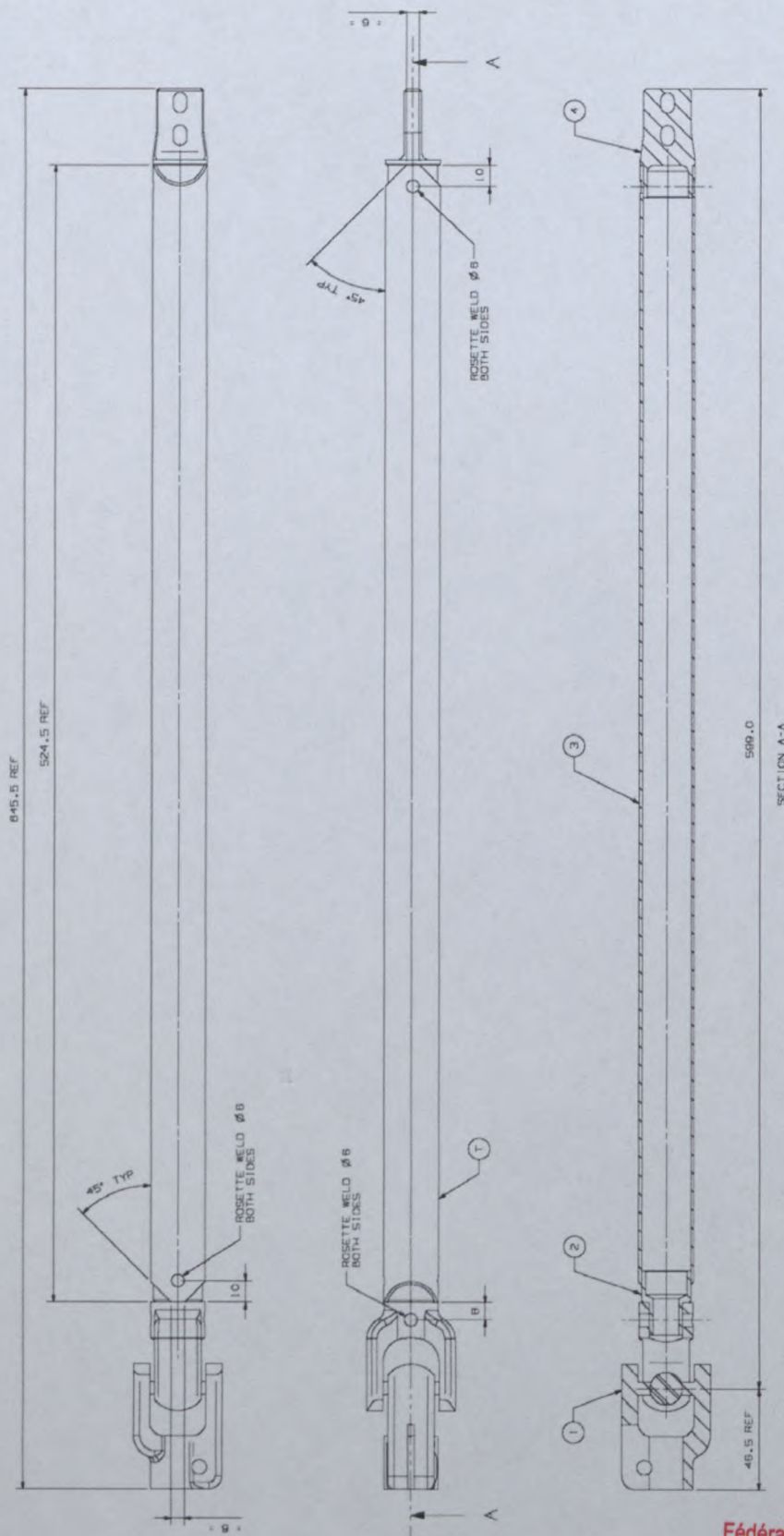
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DRAWING N° 3



DRAWING N° 4



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

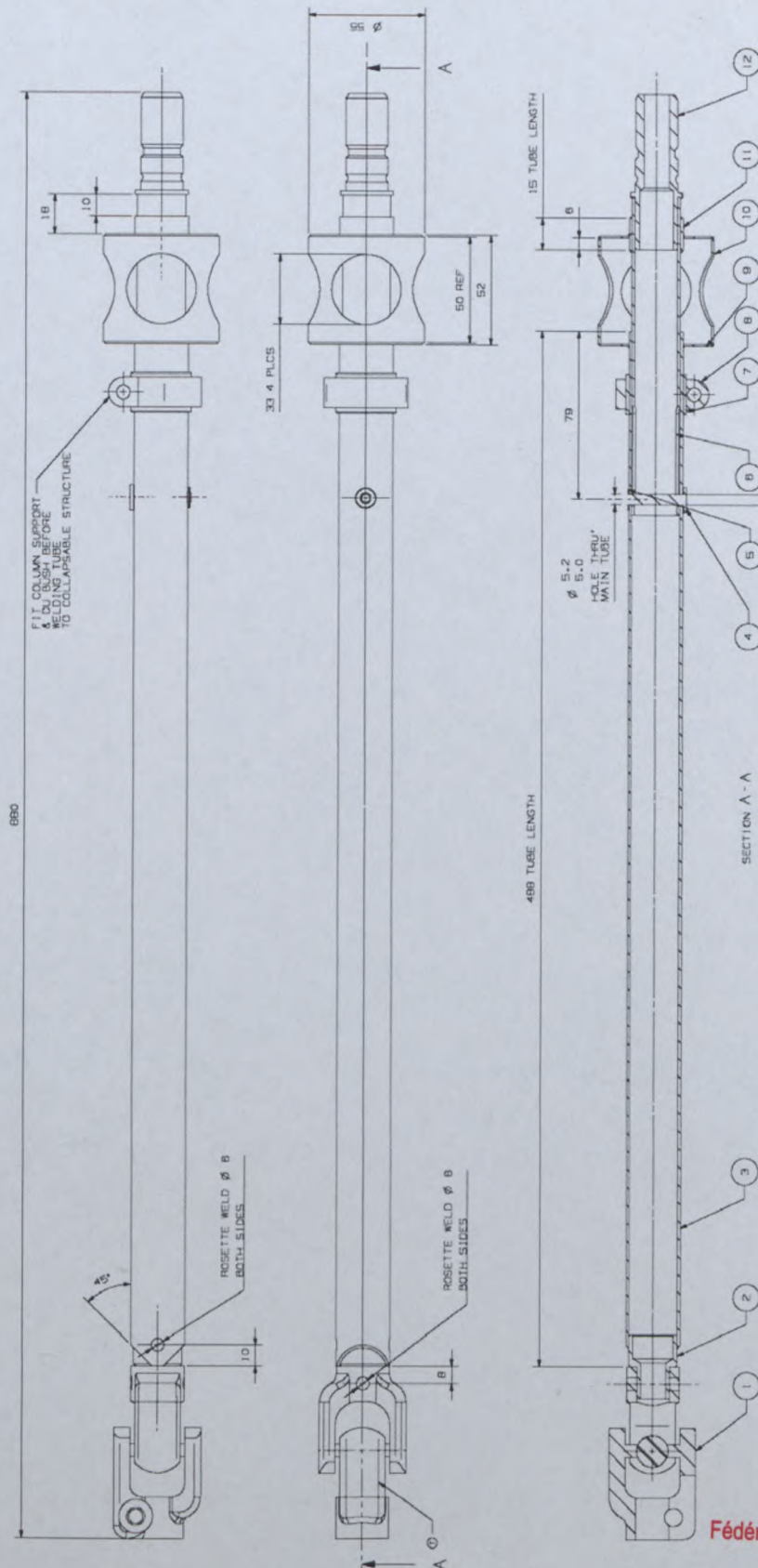
Homologation N°

GT-016

Extension N°

03/03 VO

DRAWING N° 5



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

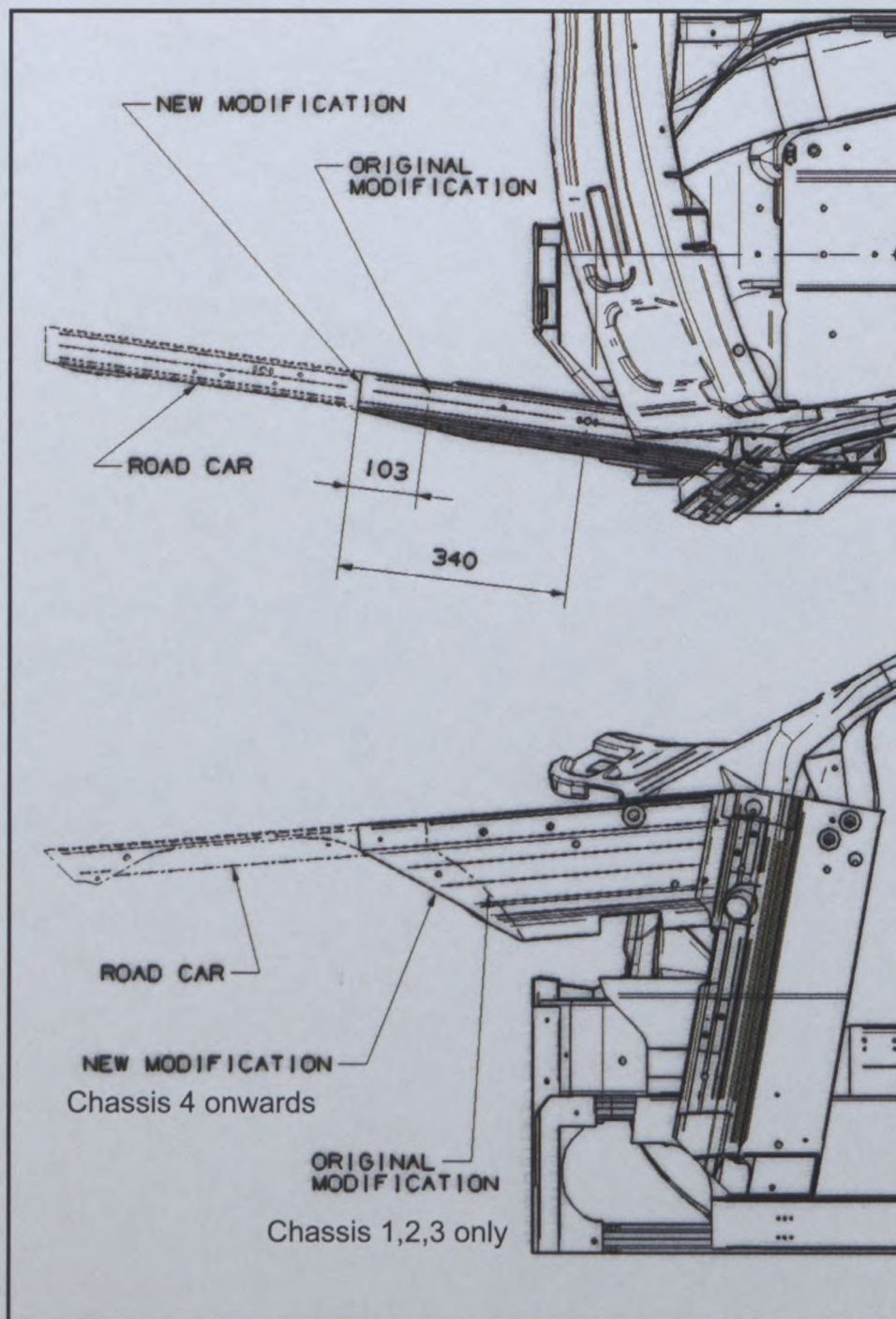
GT-016

Extension N°

03/03 VO

REVISED MODIFICATION TO DBR9 FORWARD CHASSIS LEG

DRAWING N° **6**





FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Groupe

Group

GT

Homologation N°

GT-016

Extension N°

03/03 VO

FICHE D'EXTENSION D'HOMOLOGATION
HOMOLOGATION EXTENSION FORM

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Véhicule : Constructeur

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ASTON MARTIN

Modèle et type

Model and type

DB9

Homologation valable à partir du
Homologation valid as from

01 MAI 2005

Page or ext.	Article	Description	Page n°
7	701	SUSPENSION	
		Front Suspension	
		Photo 1 Suspension pick up points	3
		Photo 2 Top wishbone and damper top mount	3
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		Photo 4 Wishbones and track rod	3
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		Photo 6 Upper wishbone	3
		Photo 7 Anti-roll bar link	4
		Photo 8 Upright	4
		Photo 9 Upright	4
		Photo 10 Suspension Assembly	4
7	701	Rear Suspension	
		Photo 11 Subframe	4
		Photo 12 Subframe	5
		Photo 13 Subframe	5
		Photo 14 Subframe	5
		Photo 15 Subframe mounts on chassis	5

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ModelDB9**GT-016**

Extension N°

03/03 VO

Page or ext.	Article	Description			
8	801	Photo 16	Damper top mount	5	
		Photo 17	Wishbones and track control arm	5	
		Photo 18	Lower wishbone	6	
		Photo 19	Upper wishbone	6	
		Photo 20	Track control arm	6	
		Photo 21	Upright	6	
		Photo 22	Upright	6	
		Photo 23	Suspension Assembly	6	
		STEERING			
		Photo 24	Steering rack	7	
		Photo 25	Steering rack installation	7	
		Drawing 1	Steering rack position	7	
		Photo 26	Track rod	7	
		Photo 27+28	Steering column installation	8	
		Photo 29	Upper steering column with collapsible section (ref. R9-G1-046-B)	8	
		Photo 30	Lower steering column (ref. R9-G1-042-A)	8	
		Drawing 4	Lower steering column (Material main tube T45 1"x18 SWG)	12	
Drawing 5	Upper steering column (Material main tube T45 1"x18 SWG)	13			
1	104	Photo 31	KAYABA power steering motor (ref. RP2702-01000 EPAS Gear 'A')	8	
			ECU of power steering (ref. 82500-00111 EPAS ECU)	8	
			Steering system schematic diagram	9	
		CHASSIS			
		Photo 32	Engine bay	10	
Photo 33	Engine bay (showing rear engine mounting detail)	10			
Photo 34	Modifications to lower edge of screen surround	10			
Photo 35	Transmission Tunnel	10			
Drawing 2	Rear tunnel modifications	10			
Photo 36	Modification to upper rail for front wheel clearance	11			
Drawing 6	Modification to upper rail for front wheel clearance	14			
Photo 37	Sill modification for exhaust exit	11			
Photo 38	Seat mounting brackets	11			
Photo 39	Front radiator duct and cross member	11			
Drawing 3	Front cross member modification	11			

Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

Homologation N°

GT-016

Extension N°

03/03 VO

PHOTO N° 01

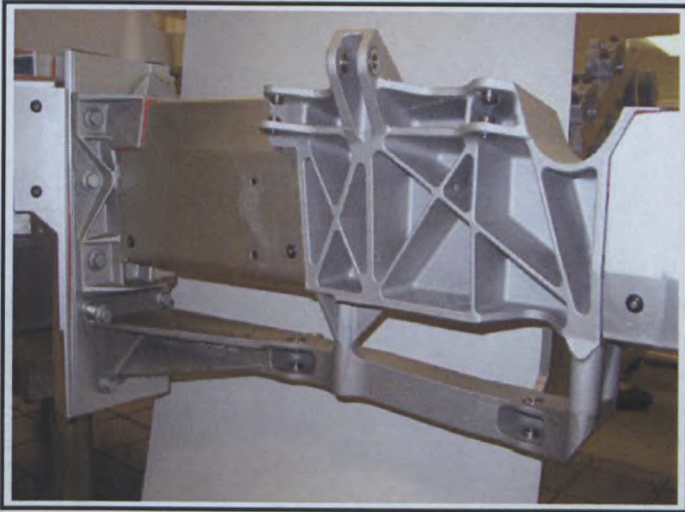


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PHOTO N° 03

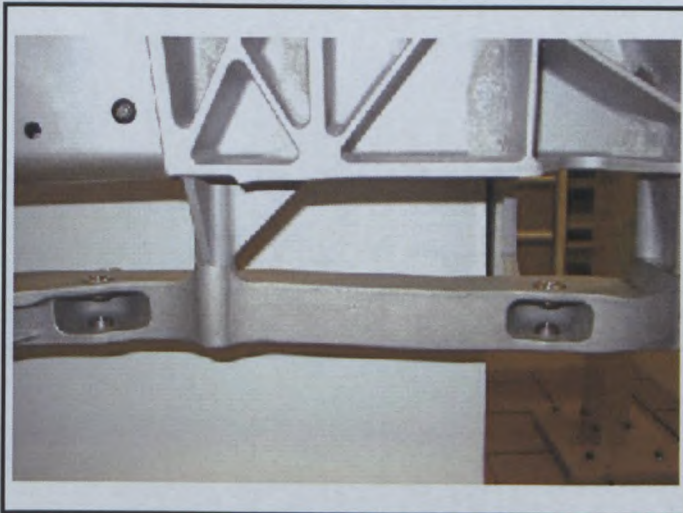


PHOTO N° 04



PHOTO N° 05



PHOTO N° 06



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GT-016

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Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

PHOTO N° 07



PHOTO N° 08

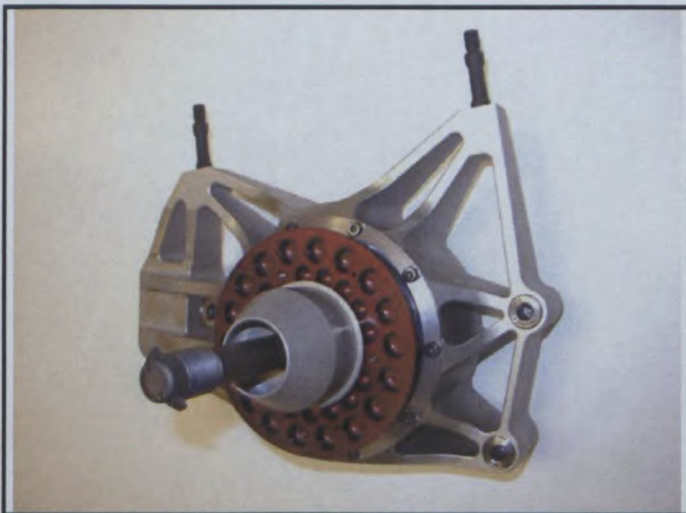


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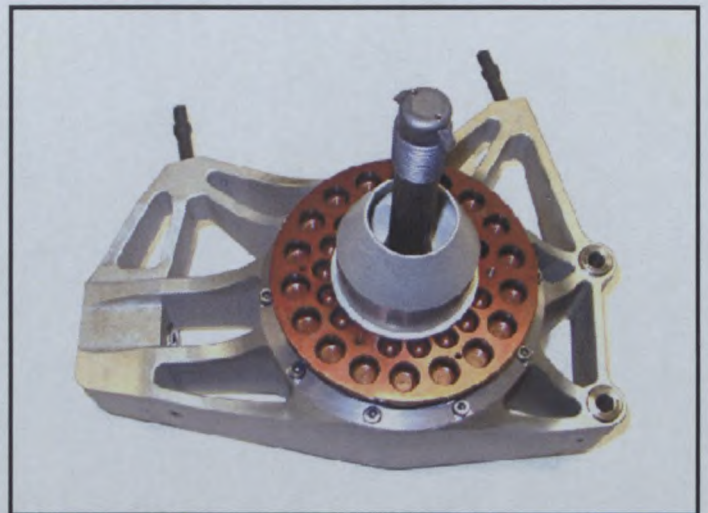


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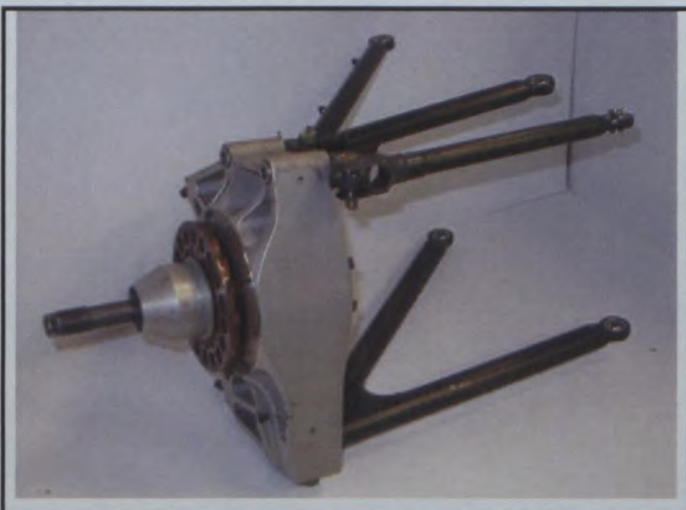
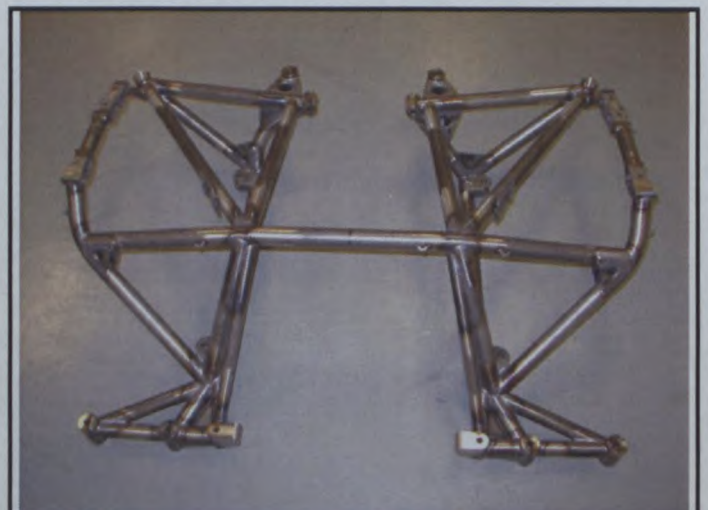


PHOTO N° 11



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

Homologation N°

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03/03 VO

PHOTO N° 12

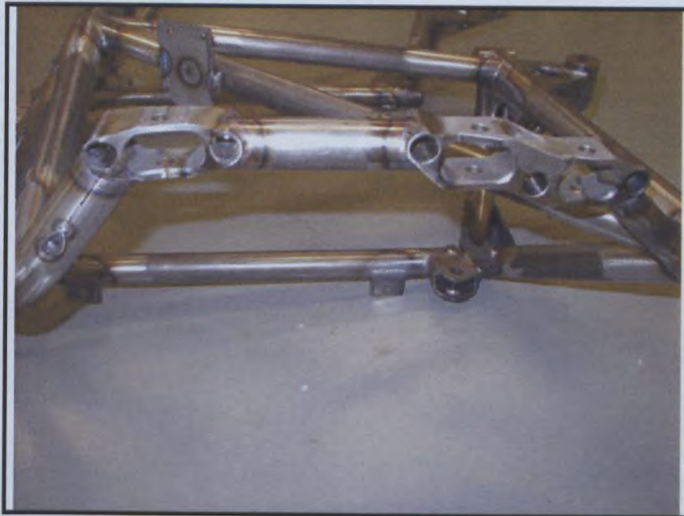


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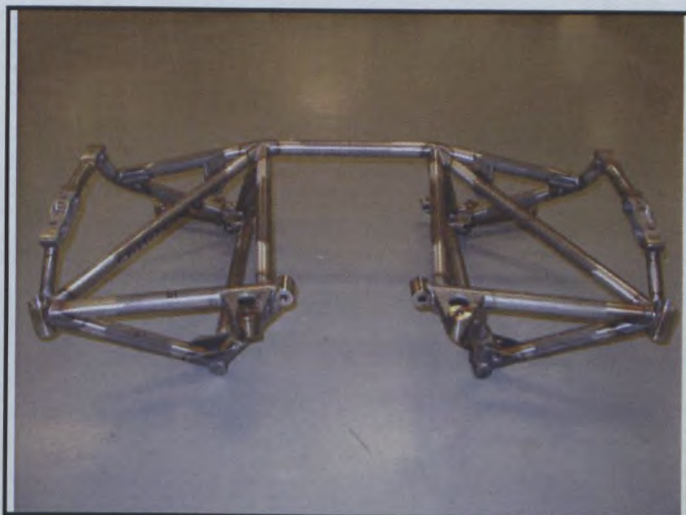


PHOTO N° 15



PHOTO N° 16



PHOTO N° 17



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

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03/03 VO

PHOTO N° 18



PHOTO N° 19



PHOTO N° 20



PHOTO N° 21

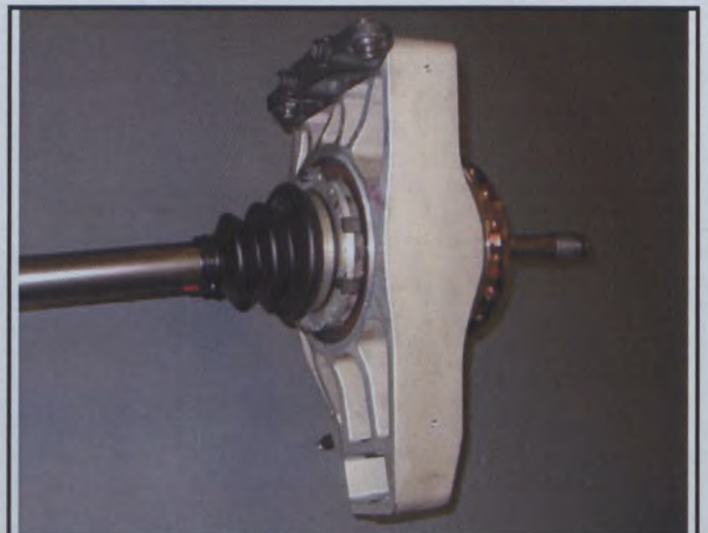
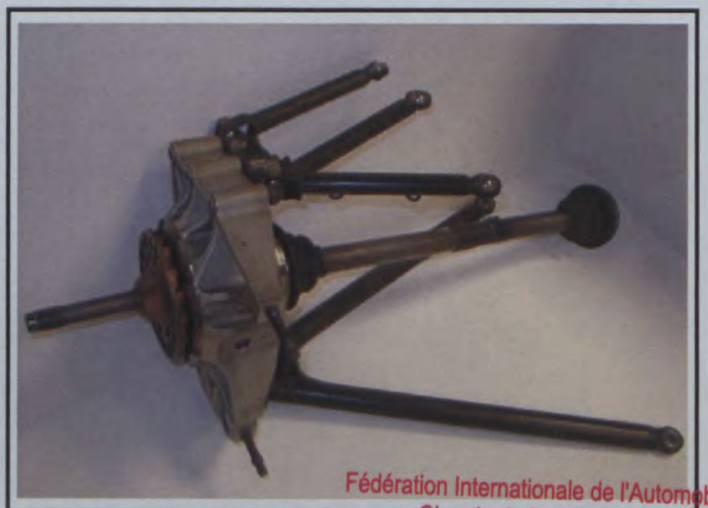


PHOTO N° 22



PHOTO N° 23



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Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

PHOTO N° 24



PHOTO N° 25

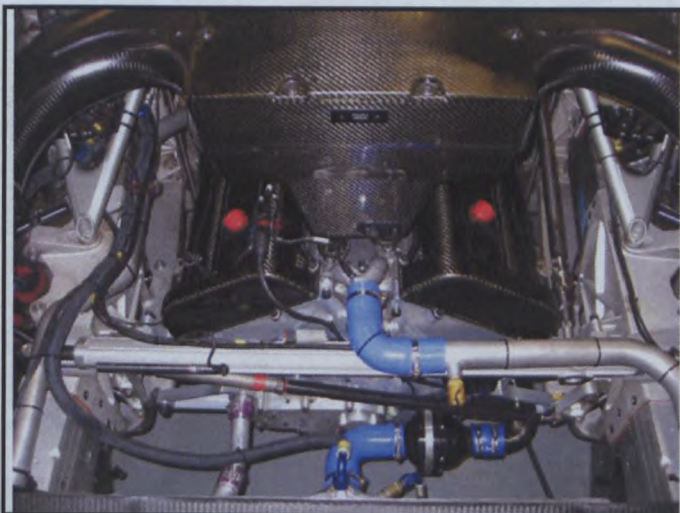
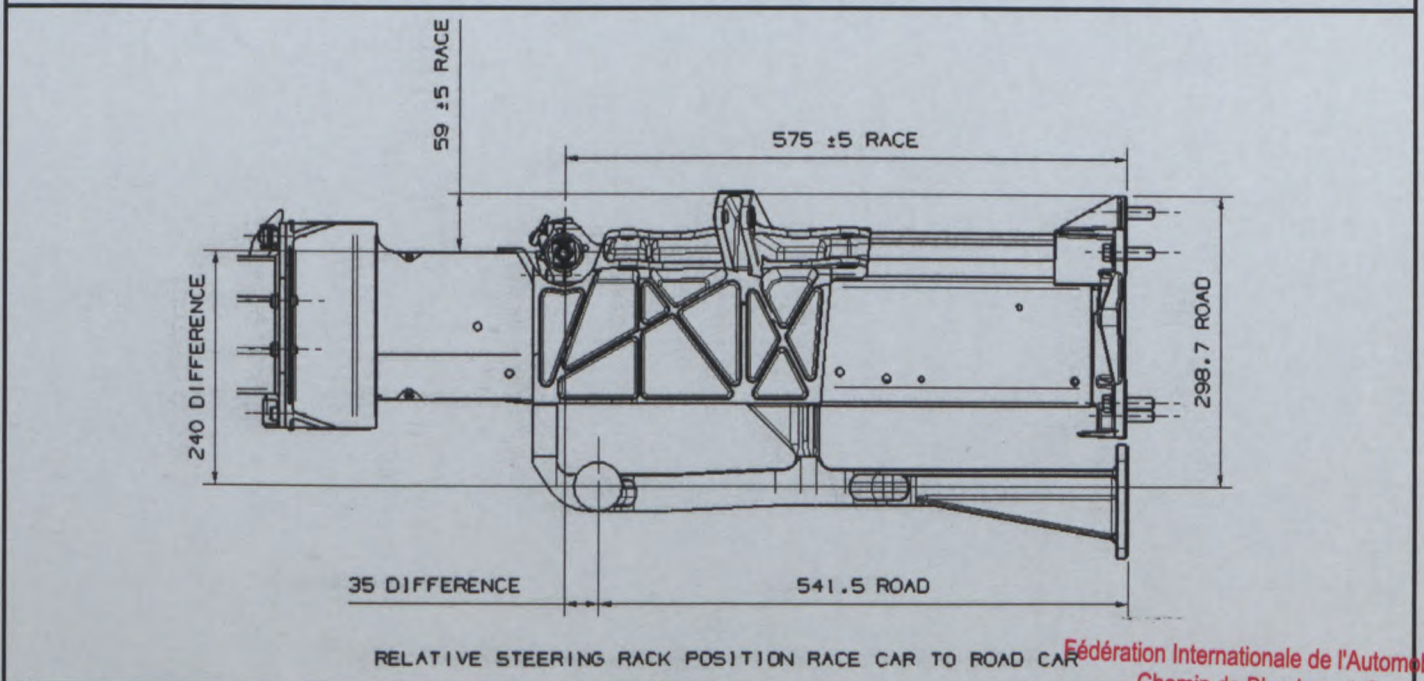


PHOTO N° 26



DRAWING N° 1



GT-016

03/03 VO

Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

PHOTO N° 27



PHOTO N° 28



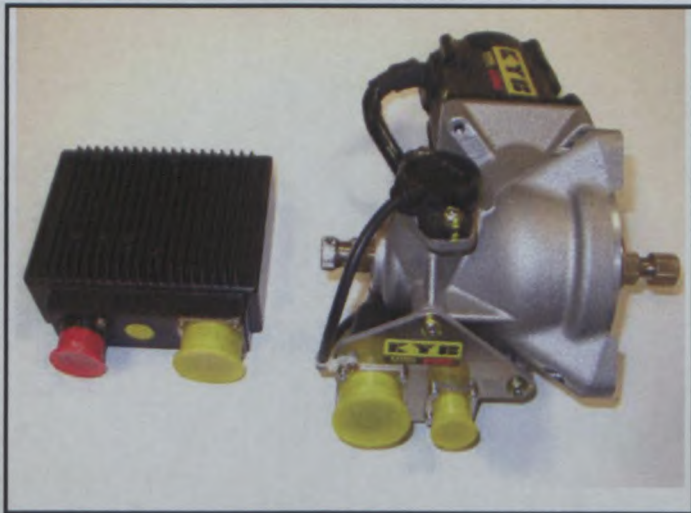
PHOTO N° 29



PHOTO N° 30



PHOTO N° 31



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

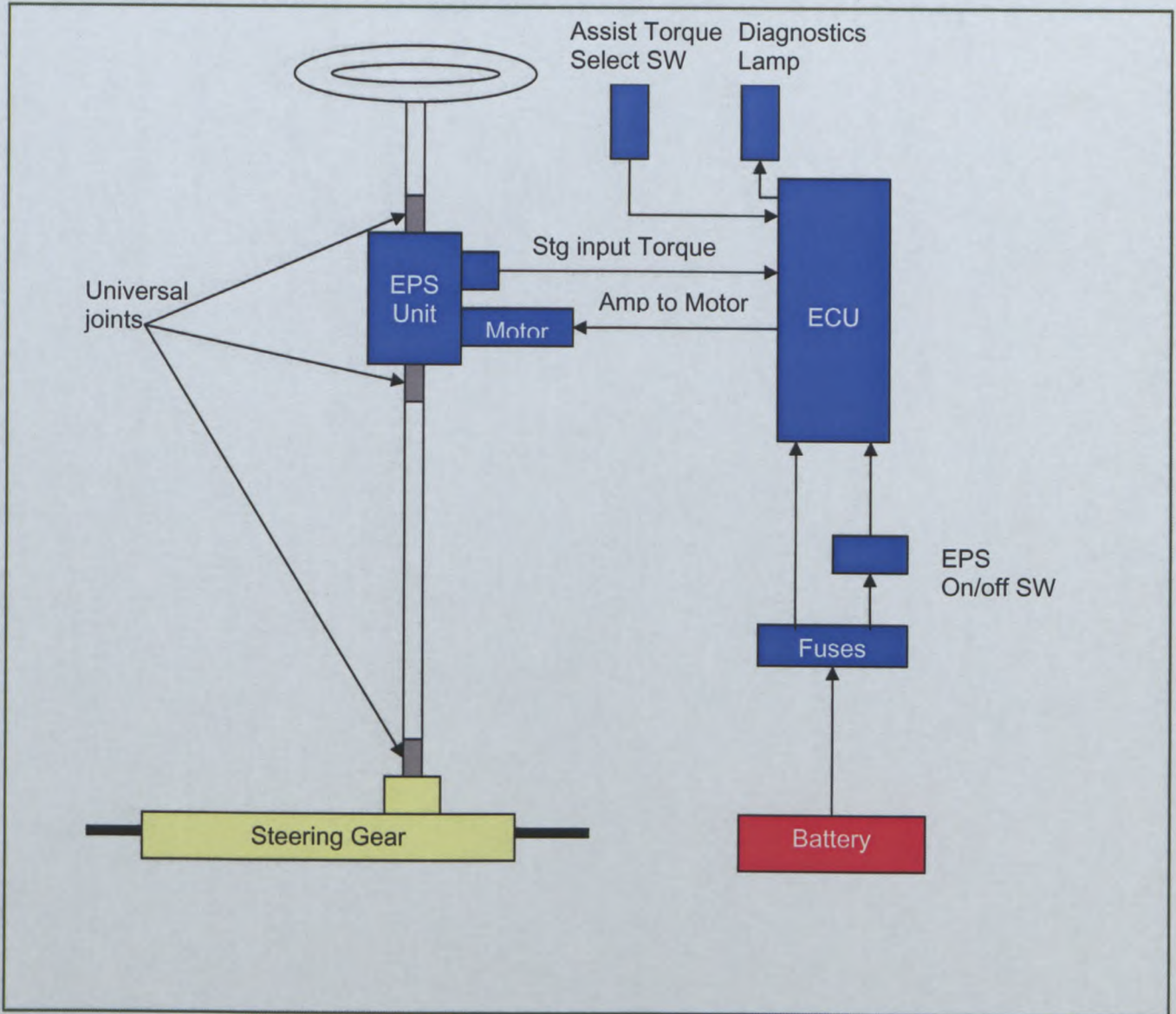
Homologation N°

GT-016

Extension N°

03/03 VO

Kayaba Electric Power Assist System
as fitted to the Aston Martin DBR9



Marque
Make **ASTON MARTIN**

Modèle
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PHOTO N° 32



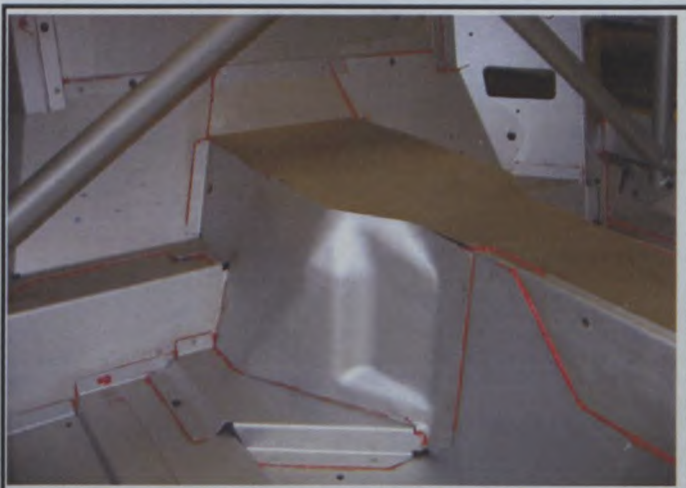
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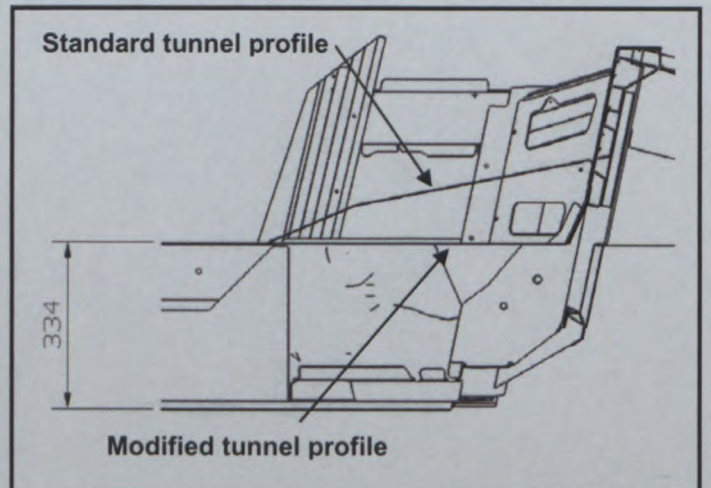
PHOTO N° 34



PHOTO N° 35



DRAWING N° 2



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Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

Homologation N°

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03/03 VO

PHOTO N° 36

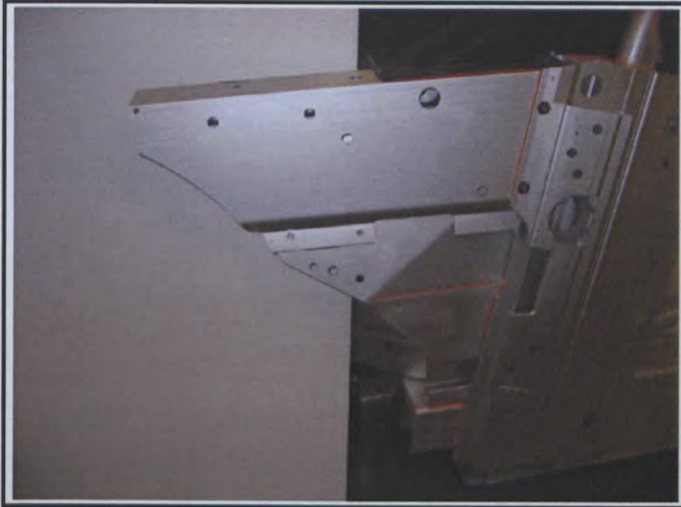


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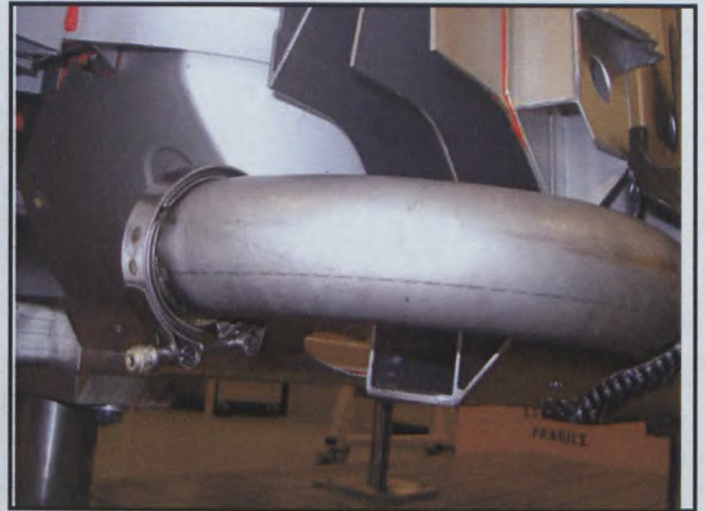


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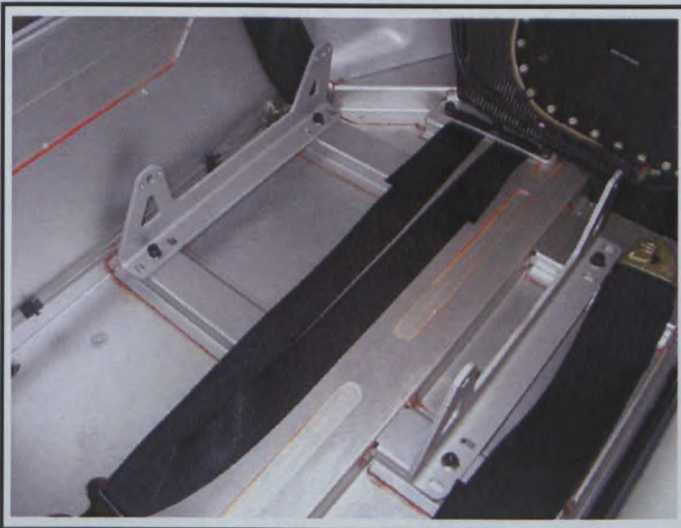
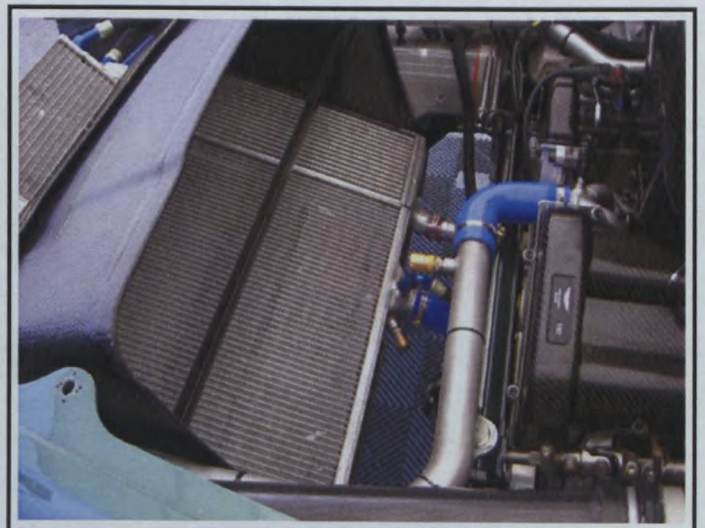
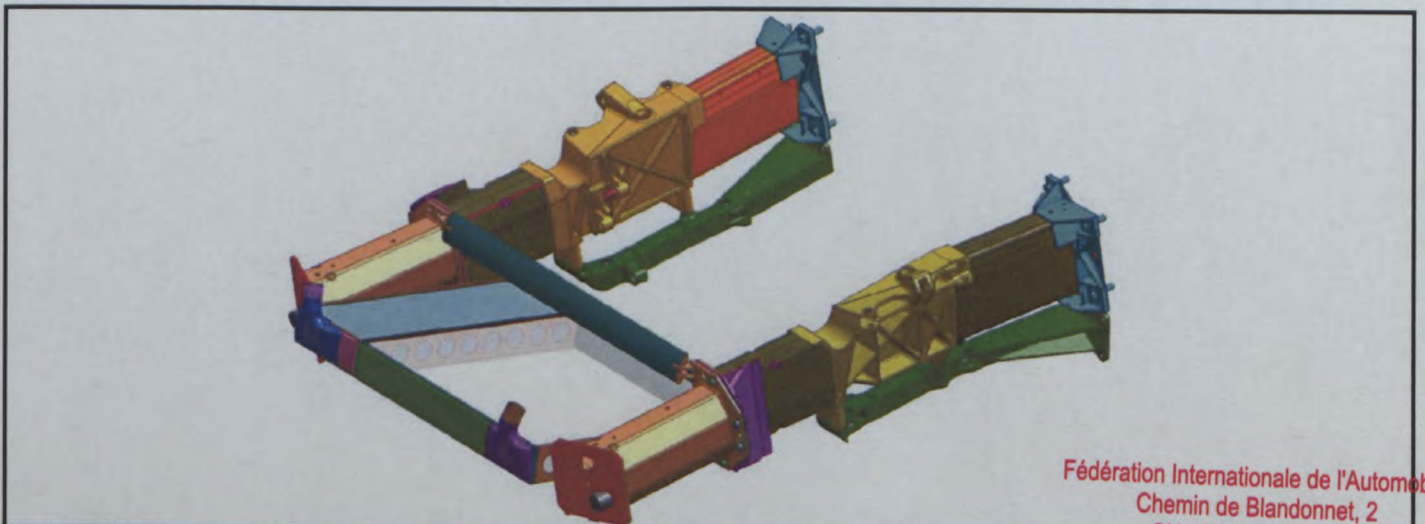


PHOTO N° 39



DRAWING N° 3



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

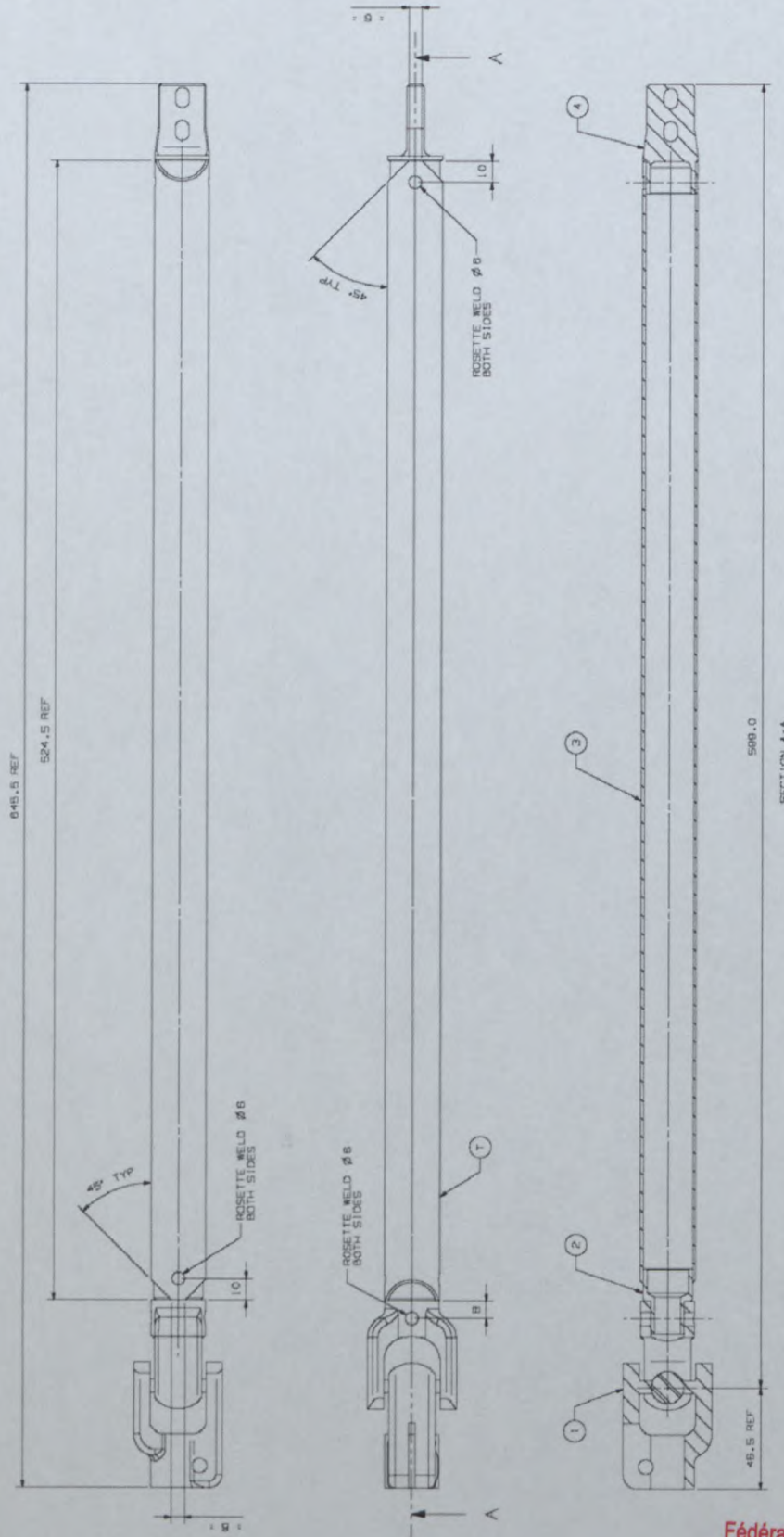
Homologation N°

GT-016

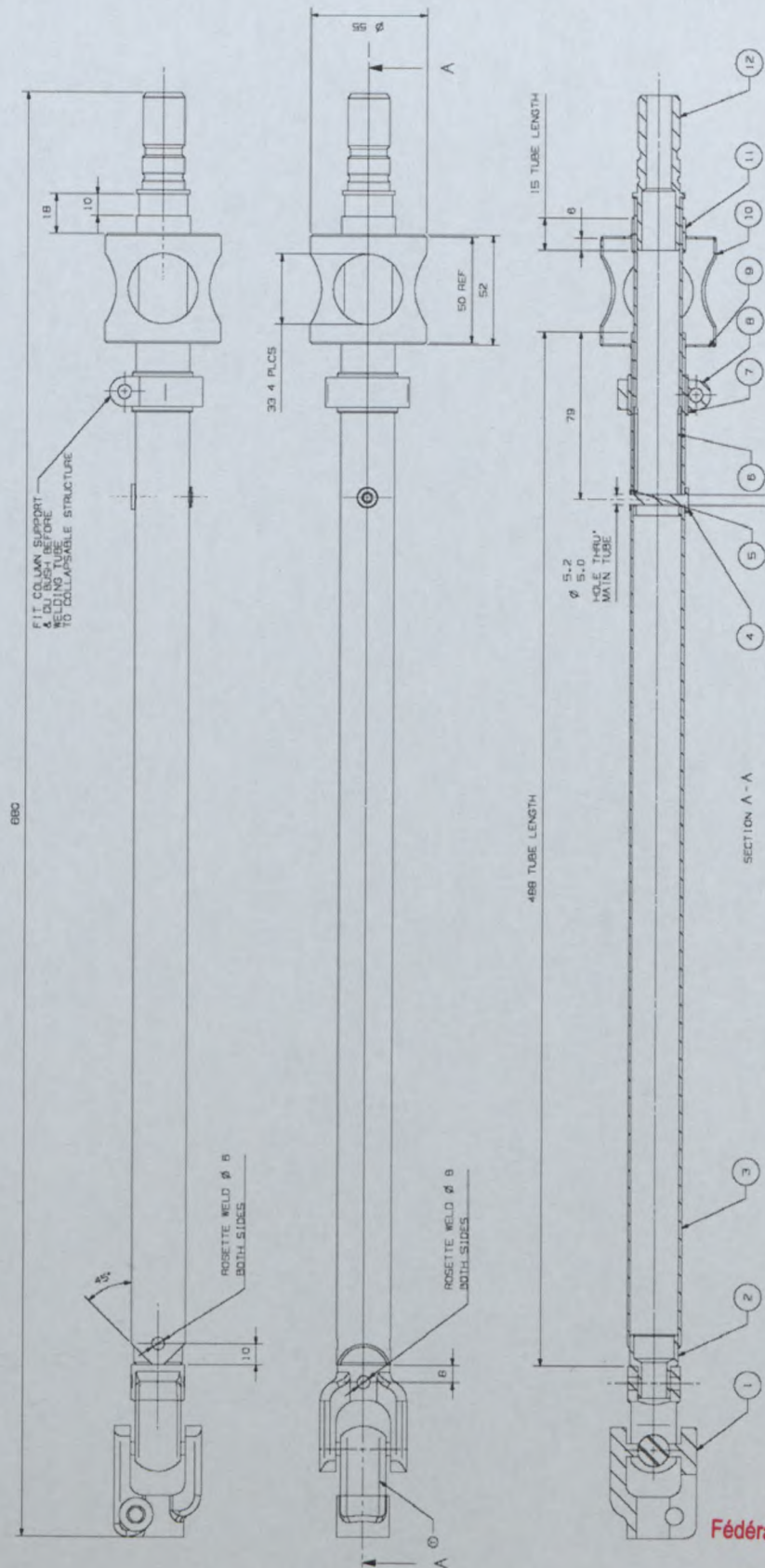
Extension N°

03/03 VO

DRAWING N° 4



DRAWING N° 5



GT-016

03/03 VO

Marque
Make

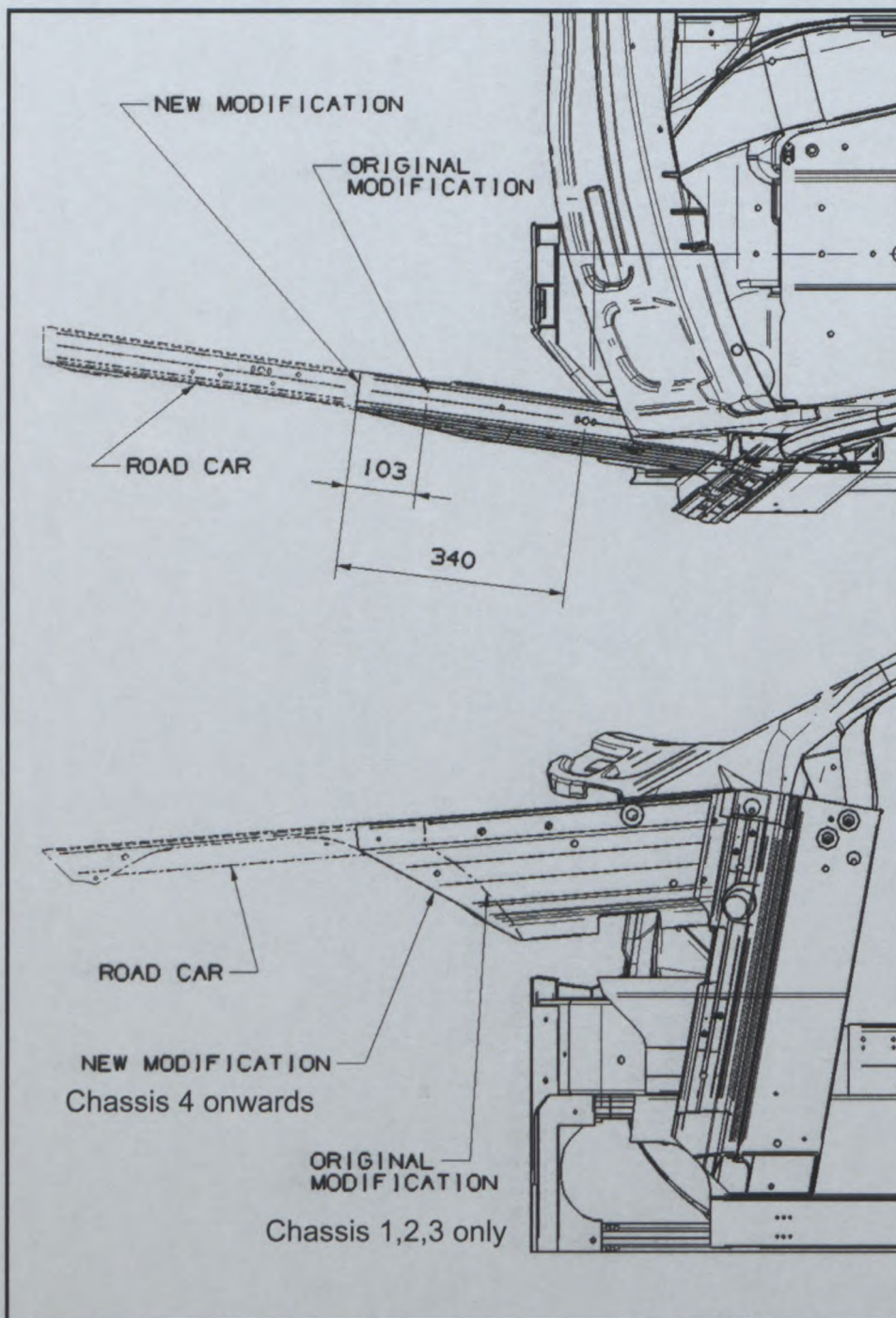
ASTON MARTIN

Modèle
Model

DB9

REVISED MODIFICATION TO DBR9 FORWARD CHASSIS LEG

DRAWING N° 6





FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Homologation N°

GT-016

Groupe

Group

GT

Extension N°

02/02 VO

Annule & remplace la précédente

FICHE D'EXTENSION D'HOMOLOGATION HOMOLOGATION EXTENSION FORM

- 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
- VP** Variante de Production / Production variant
- VF** Variante de fourniture / Supply variant
- ER** Erratum / Erratum

Véhicule : Constructeur

Vehicle : Manufacturer

ASTON MARTIN LAGONDA LTD

Modèle et type

Model and type

DB9 COUPE

**This VO corresponds to the notification
GT016-02032005
from the Bureau of the GT Commission**

Homologation valable à partir du
Homologation valid as from

01 MARS 2005

Page or ext.	Article	Description
FIA GT 1		BODYWORK Front Fender Drawing 1 – Showing overlay of production and racing Front Fender - Page 2 Drawing 2 – Showing effect of Front Fender on Undertray - Page 2 Cad image 1 – Showing shape of racing front Fender - Page 3 Photo 1 – Showing shape of production Front Fender - Page 3 Photo 2 - Showing shape and dimensions of opening aft of front wheels - Page 4

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Marque
Make

ASTON MARTIN LAGONDA LTD

Modèle
Model

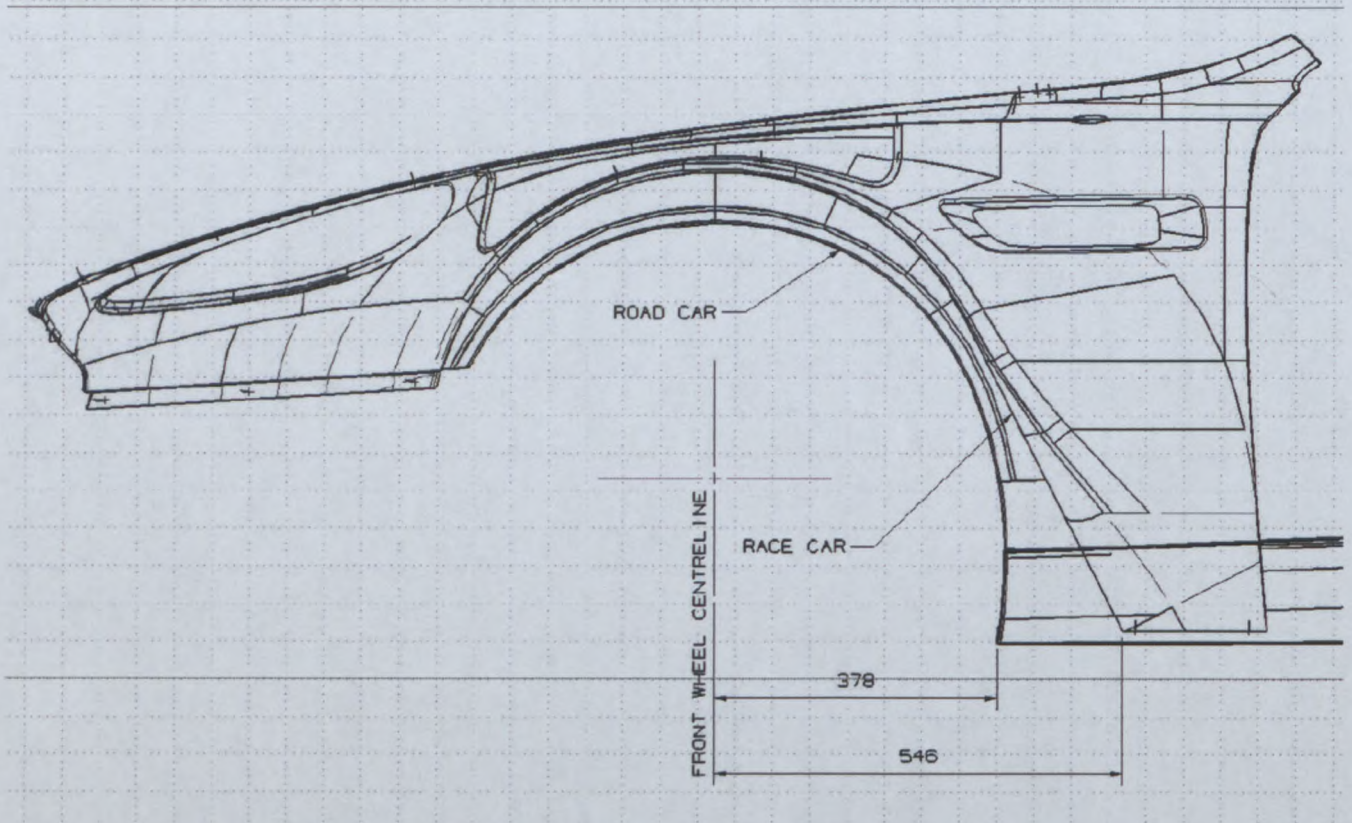
DB9 COUPE

GT-016

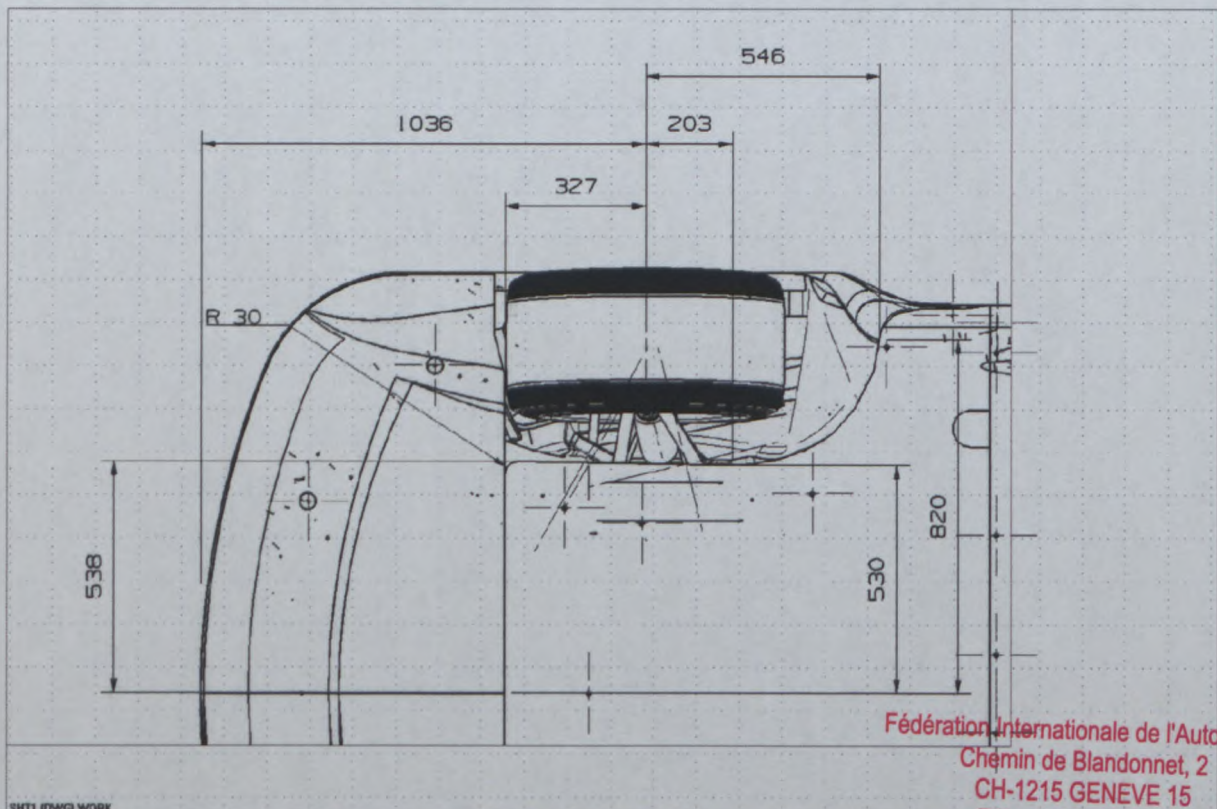
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02/02 VO

Drawing No 1 Overlay of road and race car Fenders



Drawing No 2 Showing undertray shape in area of Front Fender



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Marque
Make

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Modèle
Model

DB9 COUPE

GT-016

Extension N°

02/02 VO

CAD Image 1 Showing race car Fender

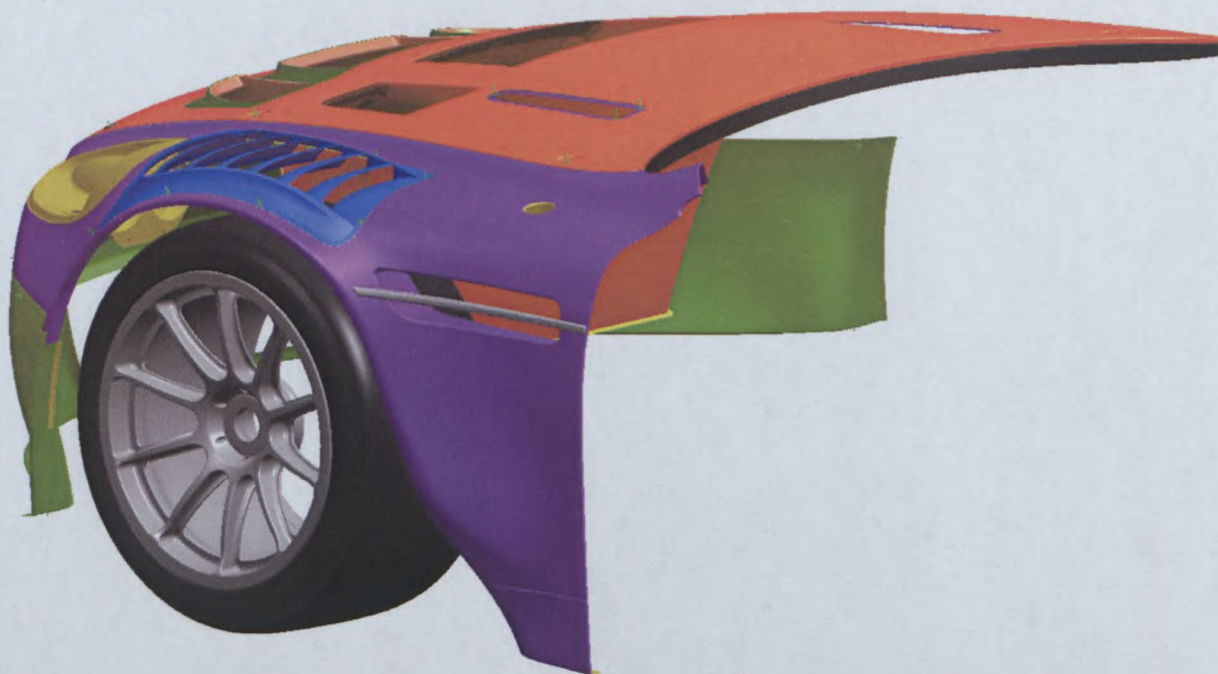


PHOTO N° 1 Showing standard road car Fender



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Marque

Make

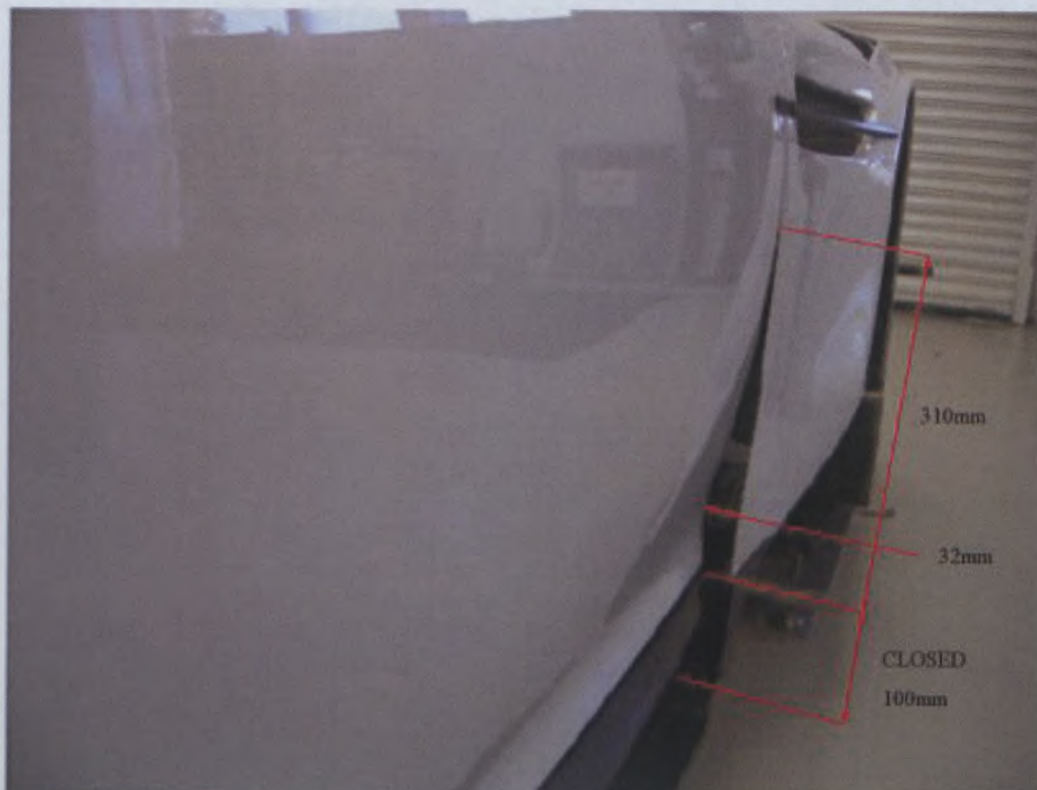
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Modèle

Model

DB9 COUPE**GT-016**

Extension N°

02/02 VOPHOTO N° 2 Showing shape and dimensions of opening aft of front wheels

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FEDERATION INTERNATIONALE
DE L'AUTOMOBILE

Groupe

Group

GT1

Homologation N°

GT-016

Extension N°

04/04 VO

FICHE D'EXTENSION D'HOMOLOGATION
HOMOLOGATION EXTENSION FORM

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 **VP** Variante de Production / Production variant

VF Variante de fourniture / Supply variant **ER** Erratum / Erratum

Véhicule : Constructeur

Vehicle : Manufacturer

ASTON MARTIN

Modèle et type

Model and type

DB9

**This Form corresponds to the notification
GT-016_22.05.2006_1
from the Bureau of the GT Commission**

Homologation valable à partir du

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01 MAI 2006

Page or ext.	Article	Description
FIA GT 1	Art 3.5	BODYWORK Engine Cover Image 1 Page 2 Showing original Engine Cover (Bonnet) Image 2 Page 2 Showing Engine Cover with driver cooling ducts Image 3 Page 3 Showing Original Engine Cover from front Image 4 Page 3 Showing inlet detail of cooling ducts

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Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

Homologation N°

GT-016

Extension N°

04/04 VO

Image No 1 Showing Original Engine Cover



Drawing No 2 Image 2 Showing engine Cover with addition of driver cooling ducts



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Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

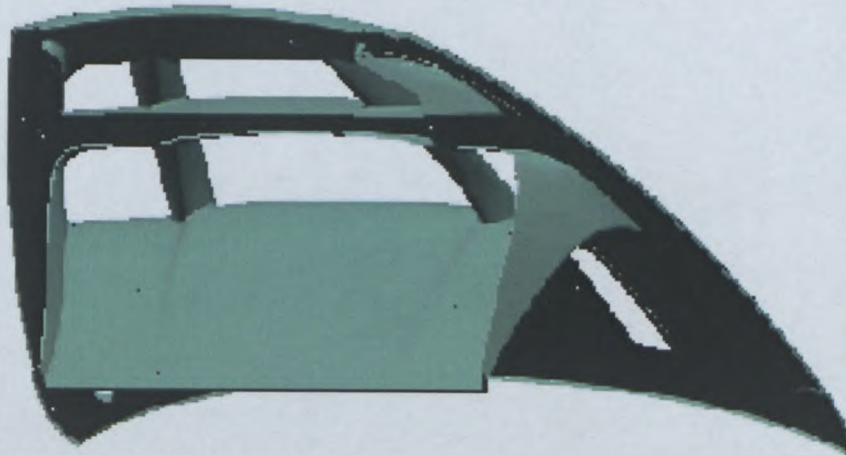
Homologation N°

GT-016

Extension N°

04/04 VO

Image No 1 Showing Original Engine Cover

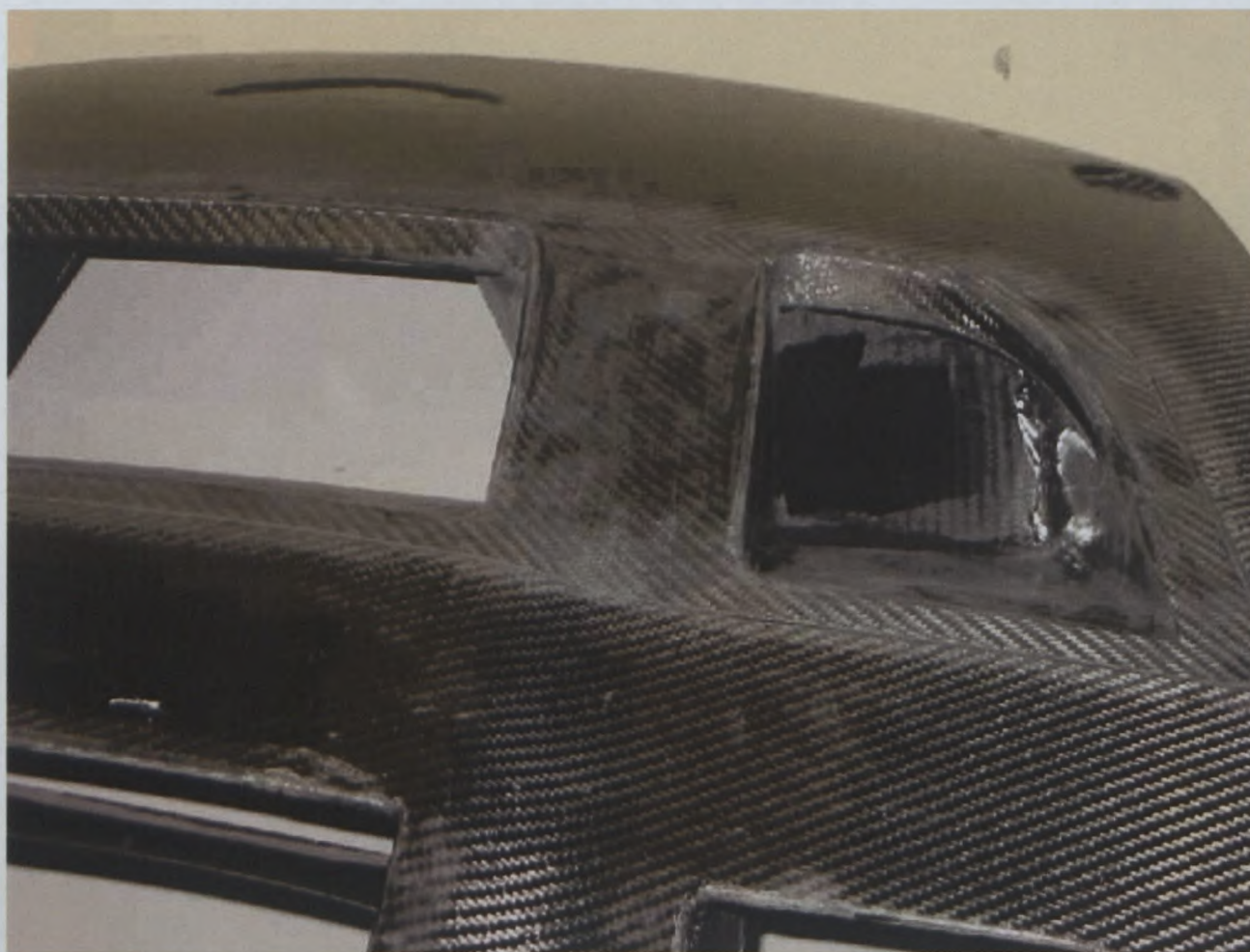


Drawing No 2 Image 2 Showing engine Cover with addition of driver cooling ducts



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GT-016
04/04 VO



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FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Homologation N°

GT-016

Groupe

Group

GT1

Extension N°

05/05 VO

FICHE D'EXTENSION D'HOMOLOGATION HOMOLOGATION EXTENSION FORM

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Véhicule : Constructeur

Vehicle : Manufacturer

ASTON MARTIN

Modèle et type

Model and type

DB9

This Form corresponds to the notification

GT-016_17.08.2006_1

from the Bureau of the GT Commission

Homologation valable à partir du

Homologation valid as from

01 AOUT 2006

Page or ext.	Article	Description
FIA GT 1	Art 258 3.6.4	BODYWORK Front Bumper : Front Splitter Page 2 - Drawing No 1 - Elevation images Page 3 - Image No 1 - Top of Splitter Page 3 - Image No 2 - Underside of Splitter Page 4 - Drawing 2 - Showing Section D-D and E-E

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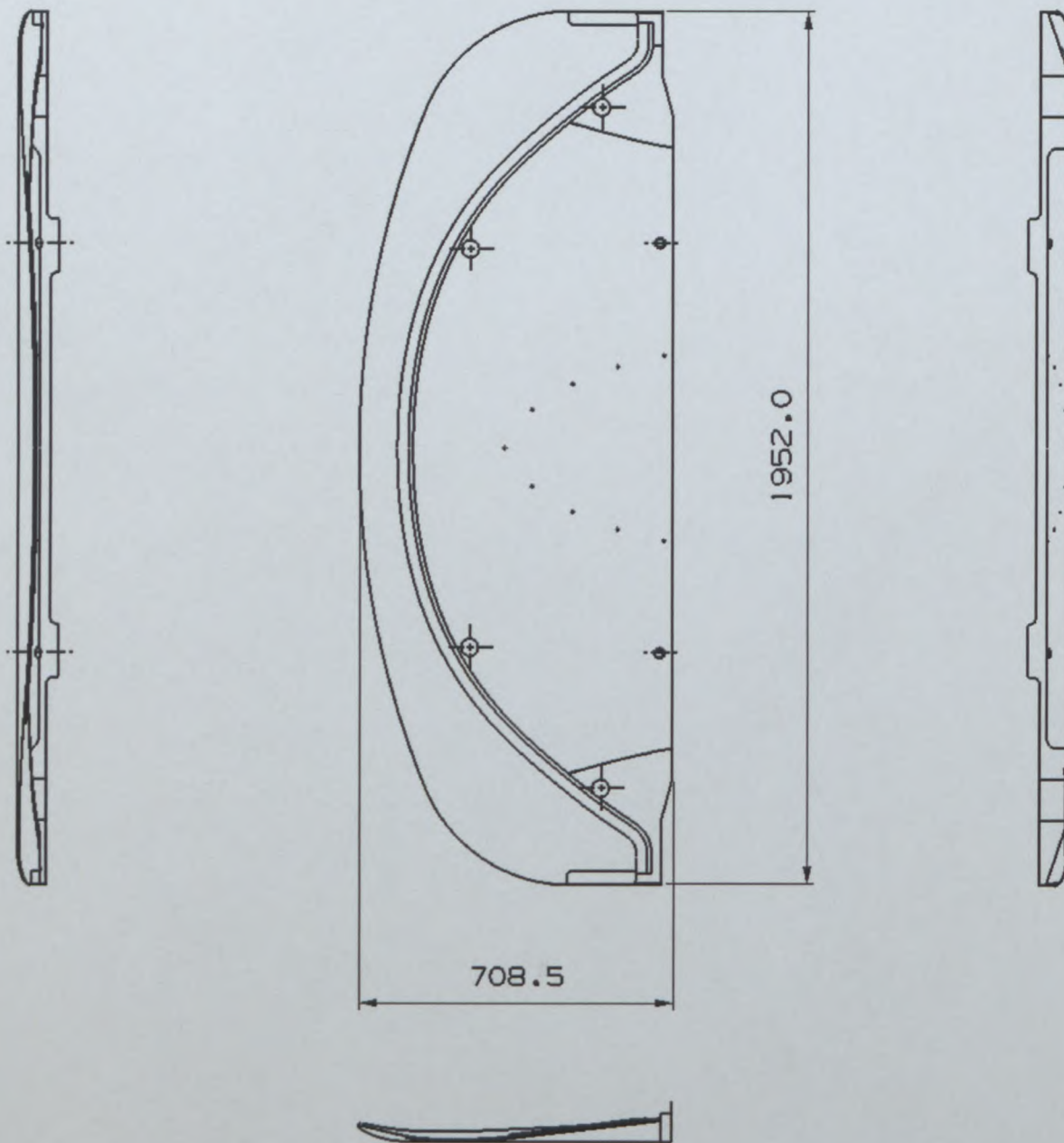
Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

GT-016

05/05 VO

Drawing No 1



Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

GT-016

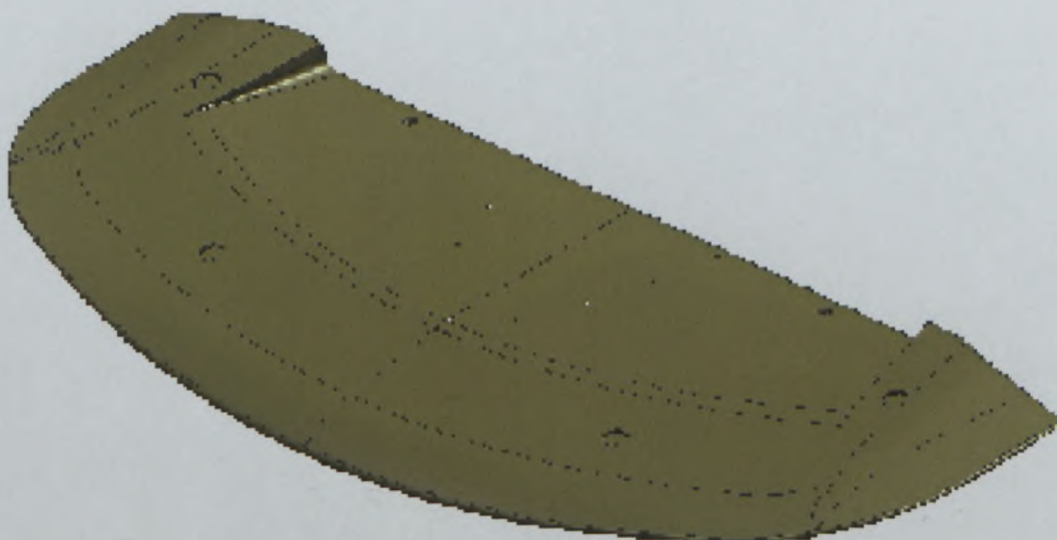
05/05 VO

Images 1 and 2 Showing Top and Underside of Splitter

PH



TOP VIEW



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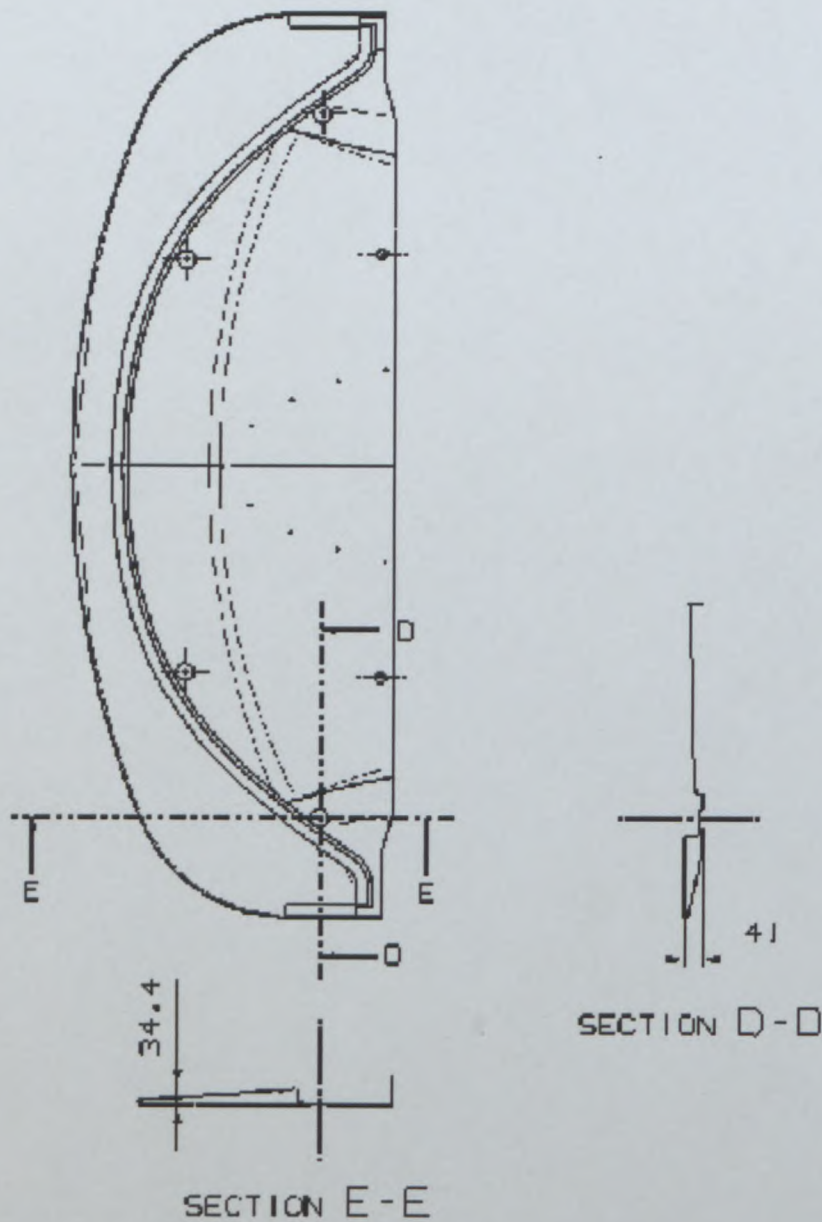
Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

GT-016

05/05 VO

Drawing No 2





FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Groupe / Group

GT1

Homologation N°

GT-016

Extension N°

06/06 VO

FICHE D'EXTENSION D'HOMOLOGATION HOMOLOGATION EXTENSION FORM

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- ER** Erratum / Erratum

Véhicule : Constructeur

Vehicle : Manufacturer

ASTON MARTIN

Modèle et type

Model and type

DB9

Homologation valable à partir du

Homologation valid as from

01 MAI 2008

Page or ext.	Article	Description
7.	701	<p>SUSPENSION</p> <p>Camber block on Rear Suspension upright top wishbone mounting point (see photos and image on page 2)</p>

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Marque
Make **ASTON MARTIN**

Modèle
Model **DB9**

Homologation N°

GT-016

Extension N°

06/06 VO

PHOTO N° 1

Camber block homologated with 03/03 VO

RH Pt No - R9 / E2 / 147 A
LH Pt No - R9 / E2 / 148 A



Optional camber block

RH Pt No - R9 / E2 / 152 A
LH Pt No - R9 / E2 / 153 A

IMAGE N° 2

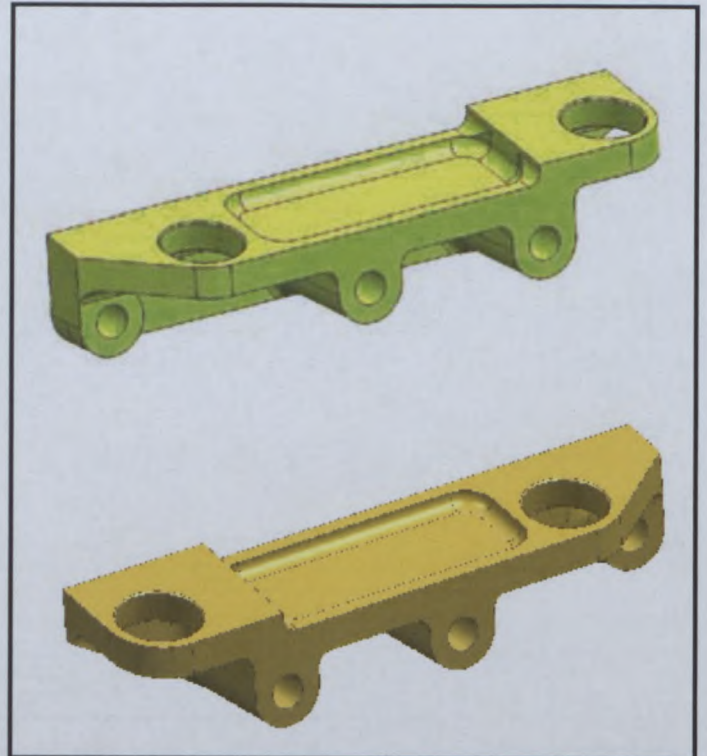


PHOTO N° 3

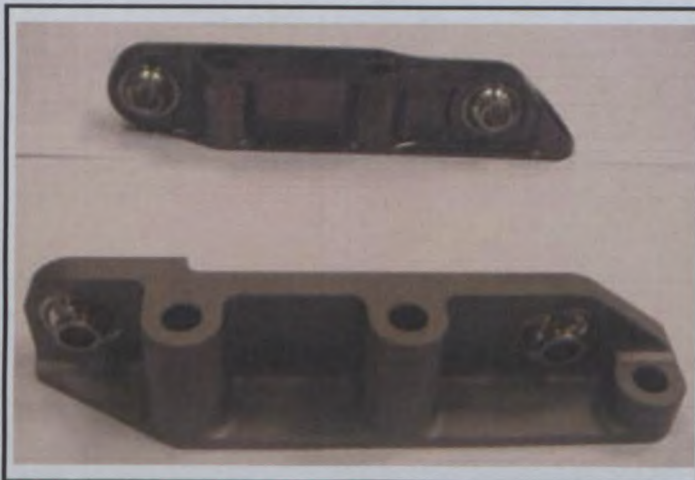


PHOTO N° 4

