



FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE

Homologations No.

A - 5477

ONS

Oberste Nationale Sportkommission für den Automobilsport in Deutschland GmbH

Gruppe A/B  
Group

Homologationsblatt nach Anhang J des Internationalen Automobilsportgesetzes  
Homologation form in accordance with appendix J of the international Sporting code

01 JAN. 1993

Homologation gültig ab  
Homologation valid as from

A) Fahrzeugansicht 3/4 von vorne  
Car seen from 3/4 front



B) Fahrzeugansicht 3/4 von hinten  
Car seen from 3/4 rear



1. Definition  
Definitions

101. Hersteller General Motors Europe  
Manufacturer

102. Handelsbezeichnung — Modell und Typ OPEL/Vauxhall Calibra-A Turbo 4 x 4  
Commercial name(s) — Model and Type

103. Gesamthubraum 1998 ccm Einstufungshubraum 1998 x 1.7 = 3396.6 ccm  
Cylinder capacity Corrected cylinder capacity

104. Art der Konstruktion: a) Typ  selbsttragend  
Type of car construction Type unitary construction

b) Material von Fahrgestell/Karosserie Stahl / Steel  
Material of chassis/bodyshell

105. Anzahl der Volumina 2  
Number of volumes

106. Anzahl der Sitzplätze 5  
Number of places

1

**A - 5 4 7 7**

Marke General Motors Europe  
Make

Modell OPEL/Vauxhall Calibra-A  
Model  
**Turbo 4 x 4**

Homologation Nr.  
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**2. Abmessungen, Gewichte**  
Dimensions, weights

202. Länge über alles 4492 mm  $\pm 1\%$   
Overall length

203. Breite über alles 1688 mm  $\pm 1\%$   
Overall width

Meßpunkt An den Türen / At the doors  
Where measured

204. Karosseriebreite:  
Width of bodywork

a) Vorderradmitte 1646 mm  $\pm 1\%$   
At front axle

b) Hinterradmitte 1660 mm  $\pm 1\%$   
At rear axle

206. Radstand 2600 mm  $\pm 1\%$   
Wheelbase

209. Überhang: a) Vorne 938 mm  $\pm 1\%$   
Overhang Front

b) Hinten 954 mm  $\pm 1\%$   
Rear

210. Entfernung „G“ (Lenkrad – hintere Trennwand) 1581 mm  
Distance „G“ (steering wheel – rear bulkhead)

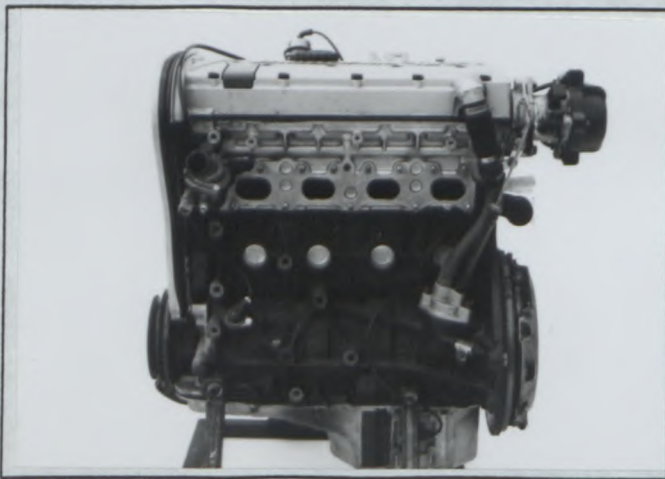


3. **Motor** (Für Kreiskolbenmotor siehe Artikel 335 auf Nachtragsblatt)  
 Engine (In case of rotative engine, see Article 335 on additional form)

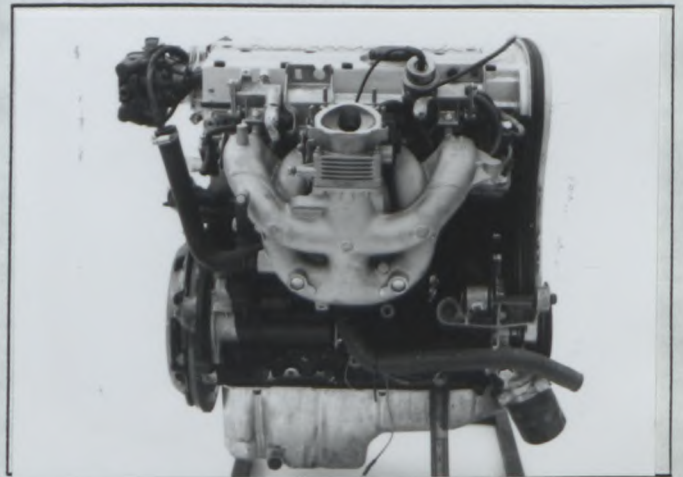
301. Einbauort und Lage des Motors Vorn, quer nach vorn gekippt 7.5° / Front, tilted to the  
 Location and position of the engine front 7.5°

303. Arbeitsverfahren Viertakt / Four stroke  
 Cycle

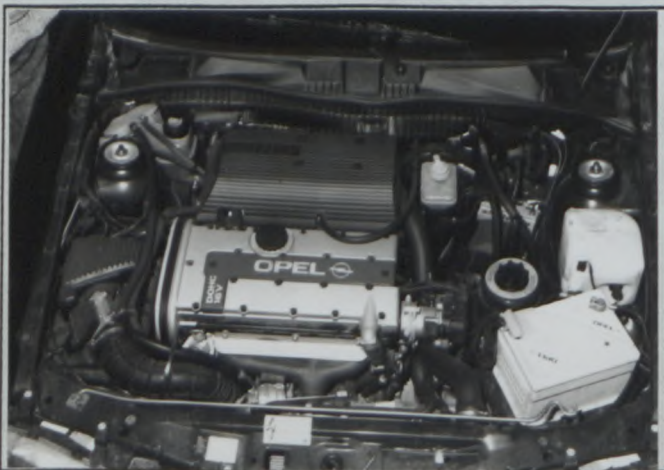
C) Rechte Seitenansicht Motor (ausgebaut)  
 Right hand view of dismantled engine



D) Linke Seitenansicht Motor (ausgebaut)  
 Left hand view of dismantled engine



E) Motor im Motorraum  
 Engine in its compartment



304. Aufladung  
 Supercharging

ja	<input checked="" type="checkbox"/>
yes	<input type="checkbox"/>

(Bei Aufladung siehe auch Artikel 334 auf Nachtragsblatt)  
 (In case of supercharging see also Article 334 on additional form)

Typ und Anzahl der Kompressoren: Abgasturbolader / Turbocharger 1  
 Type and number of compressors



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 Make \_\_\_\_\_ Model Turbo 4 x 4 Homologation No. \_\_\_\_\_

305. Anzahl und Anordnung der Zylinder 4 in Reihe / 4 in line  
 Number and layout of the cylinders \_\_\_\_\_

306. Typ der Kühlung Flüssigkeitskühlung / Liquid cooling  
 Type of cooling \_\_\_\_\_

307. Hubraum: a) Pro Zylinder 499.50 ccm b) Gesamt 1998 ccm  
 Cylinder capacity Unitary Total

c) Maximal zulässiger Hubraum \* 1999.63 ccm  
 Maximum total allowed \* (Diese Angabe gilt nicht für Gruppe N)  
 \* (This indication is not to for Group N)

312. Material des Zylinderblocks Guß / Cast iron  
 Cylinder block material \_\_\_\_\_

313. Laufbuchsen: a)  ja  nein  
 Sleeves:  yes  no

c)  Naß  Trocken  
 wet  dry

314. Bohrung 86.0 mm  
 Bore \_\_\_\_\_

315. Maximal zulässige Bohrung 86.03 mm  
 Maximum bore allowed  
 (Diese Angabe gilt nicht für Gruppe N)  
 (This indication is not for Group N)

316. Hub 86.0 mm  
 Stroke \_\_\_\_\_

318. Pleuel: a) Material Stahl / Steel b) Art des Pleuelfußes Geteilt / Split  
 Connecting rod: Material Big end type

c) Innerer Durchmesser des Pleuelfußes (ohne Lager) 52.6 mm  
 Interior diameter of the big end (without shell bearings)

d) Länge zwischen den Achsen 143.0 mm (± 0,1 mm) e) Mindestgewicht 690 g  
 Length between the axes Minimum weight

319. Kurbelwelle: a) Herstellungsart Einteilig / Single piece  
 Crankshaft: Type of manufacture

b) Material Guß / Cast iron c)  gegossen  geschmiedet  
 Material cast forged d) Anzahl der Hauptlager 5  
 Number of bearings

e) Art der Hauptlager Gleitlager / Slide bearing f) Durchmesser der Hauptlager 58.0 mm  
 Type of bearings Diameter of bearings

g) Material der Lagerdeckel Guß / Cast iron h) Mindestgewicht der Kurbelwelle (allein) 14800 g  
 Bearing caps material Minimum weight of the bare crankshaft

320. Schwungrad:  
 Flywheel:  
 a) Material  
 Material  
 b) Mindestgewicht mit Anlaßzahnkranz  
 Minimum weight with starter ring

Manuelles Getriebe Manual gearbox	Automatik-Getriebe Automatic gearbox
<u>Guß / Cast iron</u>	<u>./.</u>
<u>6480</u> g	<u>./.</u> g

Nur mit Automatik-Getriebe nutzbar  
 Only usable with an automatic gearbox



Marke General Motors Europe  
Make

Modell Opel/Vauxhall Calibra-A  
Model  
**Turbo 4 x 4**

Homologation Nr. \_\_\_\_\_  
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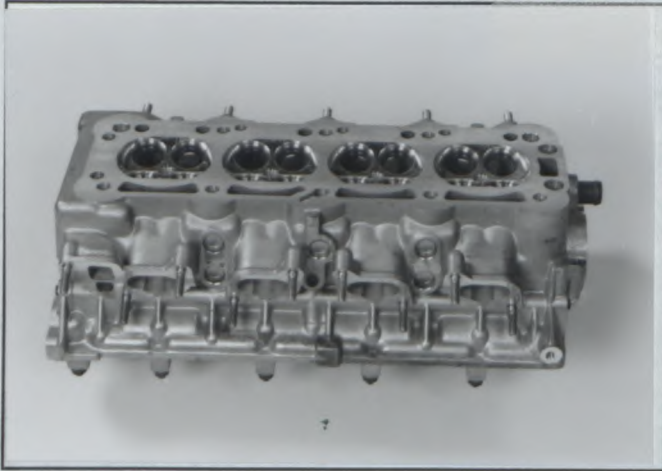
**A - 5 4 7 7**

321. Zylinderkopf: a) Anzahl der Zylinderköpfe 1 b) Material Leichtmetall / Light alloy  
Cylinderhead: Number of cylinderheads Material

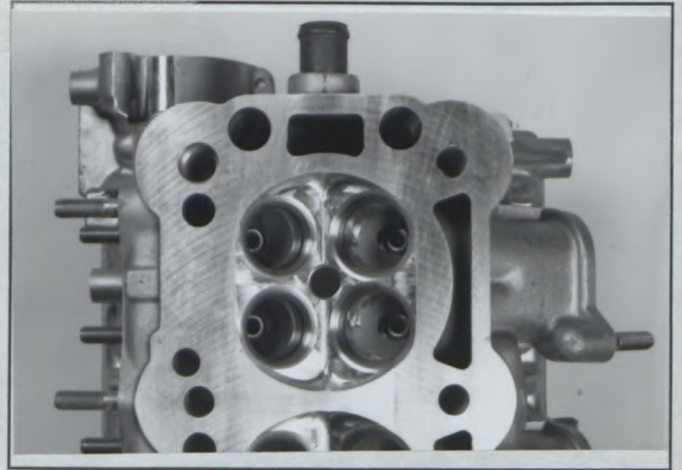
e) Winkel zwischen Einlaßventil und Vertikale 23 °  
Angle between intake valve and vertical

f) Winkel zwischen Auslaßventil und Vertikale 23 °  
Angle between exhaust valve and vertical

F) Zylinderkopf allein  
Bare cylinderhead



G) Verbrennungsraum  
Combustion chamber



323. Kraftstoffzufuhr durch Vergaser: a) Anzahl der Vergaser ./.  
Fuel feed by carburettor: Number of carburettors

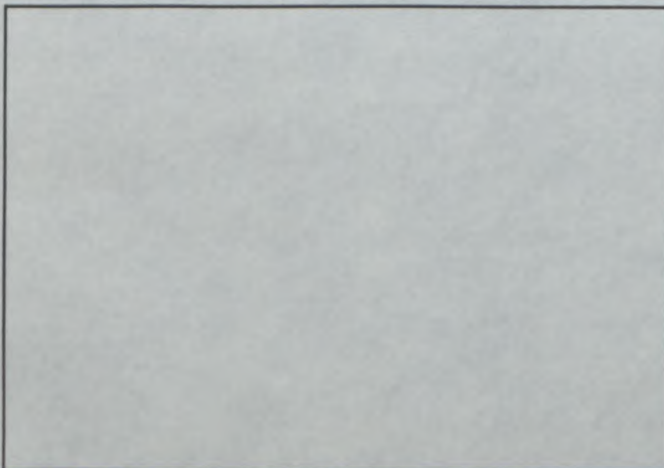
b) Typ ./. c) Marke und Modell ./.  
Type Make and Model

d) Anzahl der Gemischdurchlässe je Vergaser ./.  
Number of mixture passages per carburettor

e) Maximaler Durchmesser der Gemischöffnung am Vergaserausgang ./. mm  
Maximum diameter of the carburettor mixture exit port

f) Durchmesser des Lufttrichters am engsten Punkt ./. ± 0,25 mm  
Diameter of the venturi at the narrowest point

H) Vergaser  
Carburettor(s)



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 Make \_\_\_\_\_ Model \_\_\_\_\_ Homologation No. \_\_\_\_\_  
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324. Kraftstoffzufuhr durch Einspritzung: a) Marke GME / Bosch b) Modell Motronic M 2.7  
 Fuel feed by injection: Make \_\_\_\_\_ Model \_\_\_\_\_

c) Art der Kraftstoffdosierung:  mechanisch  elektronisch  hydraulisch  
 Kind of fuel measurement:  mechanical  electronical  hydraulics

d) Abmessungen des Einlaßrohres im Drosselklappen- oder Schieberbereich Major 64, Minor 25,0 ± 0.25mm  
 Dimensions of intake pipe at the throttle or slide location \_\_\_\_\_

e) Anzahl der effektiven Kraftstoffauslässe 4  
 Number of effective fuel outlets \_\_\_\_\_

f) Lage der Einspritzventile  
 Position of injection \_\_\_\_\_

f1)  Saugrohr  Zylinderkopf  
 manifold cylinder head

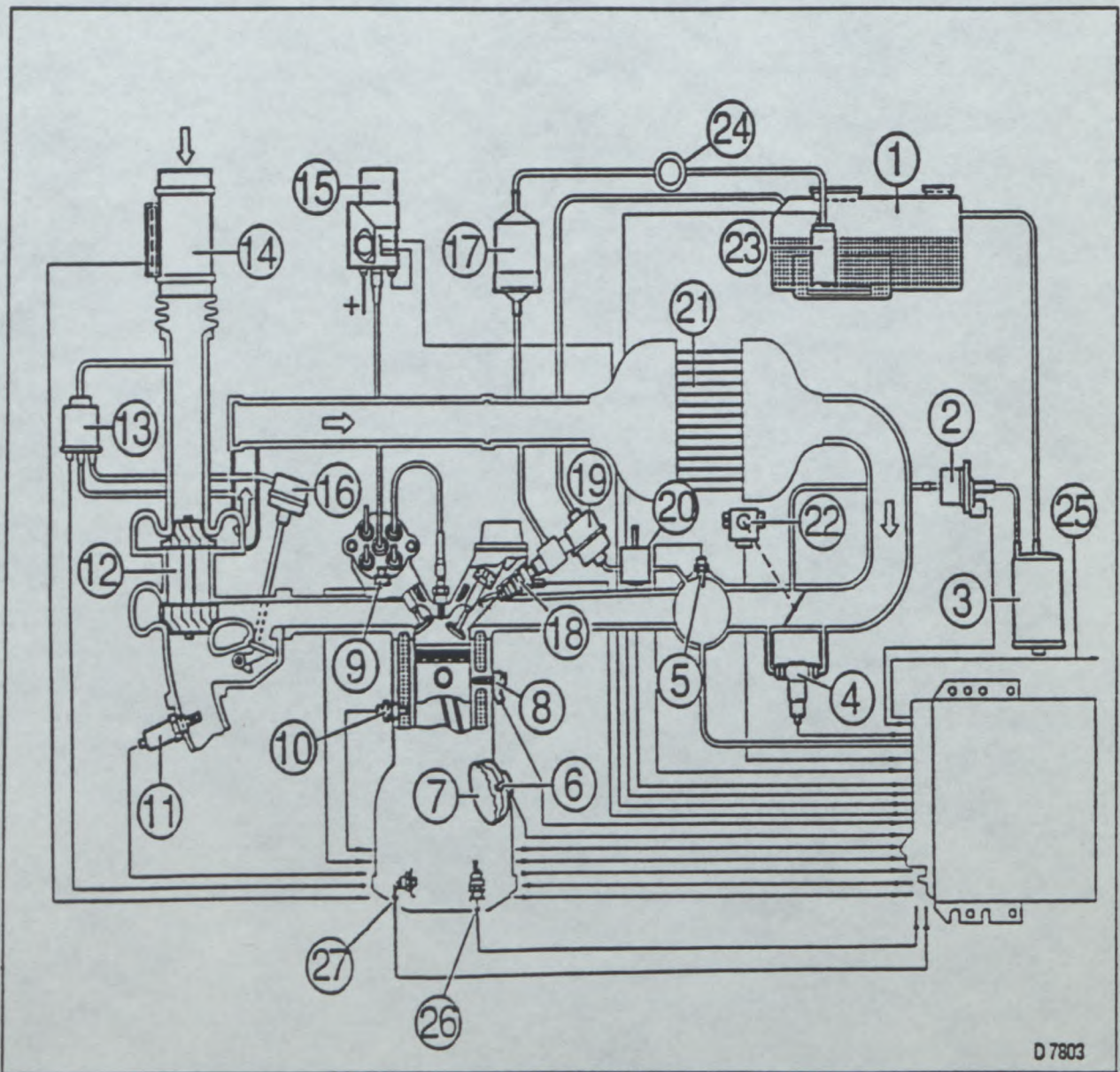
g) Sensoren des Einspritzsystems Drosselklappen Potentiometer, Luftmassenmesser, Temperaturfühler Kühlmittel und Ansaugluft, Lamda, Sensor Ladedruck und Geschwindigkeit, Kurbelwellengeber, Klopfsensor, Phasen Sensor/ Throttle potentiometer, Air mass meter, sensor coolant, intake air, oxygen, camshaft, absolute pressure, crankshaft, knock and speed  
 Sensors of injection system \_\_\_\_\_

h) Betätigung des Einspritzsystems Einspritzventile, Leerlaufdrehschle, Tankentlüftungsventil, Heißstartventil, Ladedruckregalventil / Injection valves, idle speed control, canister perch valve, hot start valve, charging pressure control valve  
 Actuators of injection system \_\_\_\_\_

H) Einspritzsystem  
 Injection system



XIV) Einbauort der Sensoren und Betätigungen:  
 Location of sensors and actuators:



D 7803

- |   |   |                                 |
|---|---|---------------------------------|
| 1 Fuel tank                                 | 11 Oxygen sensor                                  | 20 Hot start valve              |
| 2 Tank vent valve                           | 12 Turbocharger                                   | 21 Charge cooler                |
| 3 Active carbon canister                    | 13 Charge pressure control                        | 22 Throttle valve potentiometer |
| 4 Idle speed adjuster                       | bypass valve                                      | 23 Fuel pump                    |
| 5 Intake air temperature sensor             | 14 Hot wire mass air flow meter                   | 24 Fuel pressure damper         |
| 6 Inductive pulse pick-up                   | 15 Ignition coil with trigger box attached        | 25 Diagnostic plug              |
| 7 Pick-up sensor gear                       | 16 Control unit for charge pressure control valve | 26 Switch 1st gear recognition  |
| 8 Knock sensor                              | 17 Fuel filter                                    | 27 Reverse gear recognition     |
| 9 High voltage distributor with Hall sensor | 18 Injection valves                               |                                 |
| 10 Coolant temperature sensor               | 19 Fuel pressure regulator                        |                                 |



Marke General Motors Europe

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Turbo 4 x 4

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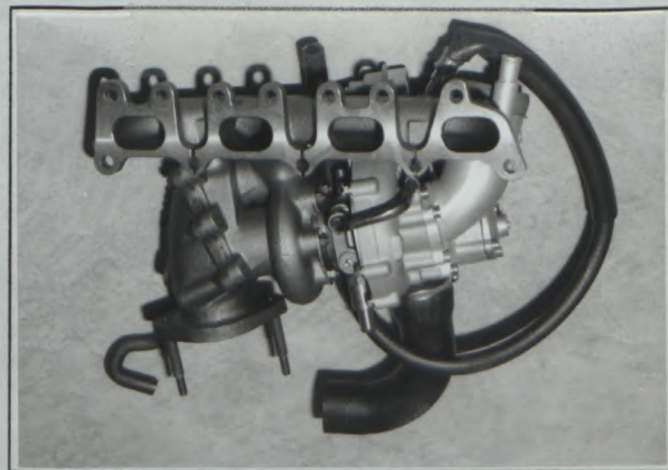
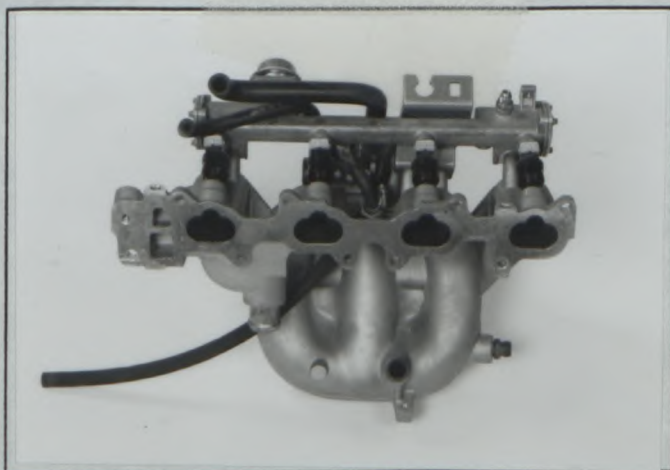
325. Nockenwelle: a) Anzahl 2 b) Lage OHC  
Camshaft: Number Location
- c) Art des Antriebs Zahnriemen / Tooth belt d) Anzahl der Lager pro Nockenwelle Intake : 5  
Driving system Number of bearings per shaft Exhaust : 6
- f) Art der Ventilbetätigung Hydraulische Tassenstößel / Hydro Bucket Tapperts  
Type of valve operation

327. Einlaß: a) Material des Ansaugkrümmers Leichtmetall / Light alloy  
Intake: Material of manifold
- b) Anzahl der Ansaugkrümmerelemente 1 d) Anzahl der Ventile pro Zylinder 2  
Number of manifold elements Number of valves per cylinder
- d) Maximaler Durchmesser der Ventile 33.1 mm e) Durchmesser des Ventilschafts 6.92 ± 0,2 mm  
Maximum diameter of the valve Diameter of the valve stem in guide
- f) Länge des Ventils 105.0 ± 1,5 mm g) Art der Ventilsfeder Schraubenfeder/Coil spring  
Valve length Type of valve springs

328. Auslaß: a) Material des Auslaßkrümmers Stahl / Steel  
Exhaust: Material of manifold
- b) Anzahl der Auslaßkrümmerelemente 1 c) Innenabmessung des Krümmerauslasses \_\_\_\_\_ mm  
Number of manifold elements Internal dimensions of manifold ext
- d) Anzahl der Ventile pro Zylinder 2 e) Maximaler Durchmesser der Ventile 29.1 mm  
Number of valves per cylinder Maximum diameter of the valve
- f) Durchmesser des Ventilschafts 6.91 ± 0,2 mm g) Länge des Ventils 105.0 ± 1,5 mm  
Diameter of the valve stem in guide Valve length
- h) Art der Ventilsfeder Schraubenfeder / Coil spring  
Type of valve springs

i) Einlaßkrümmer  
Intake manifold

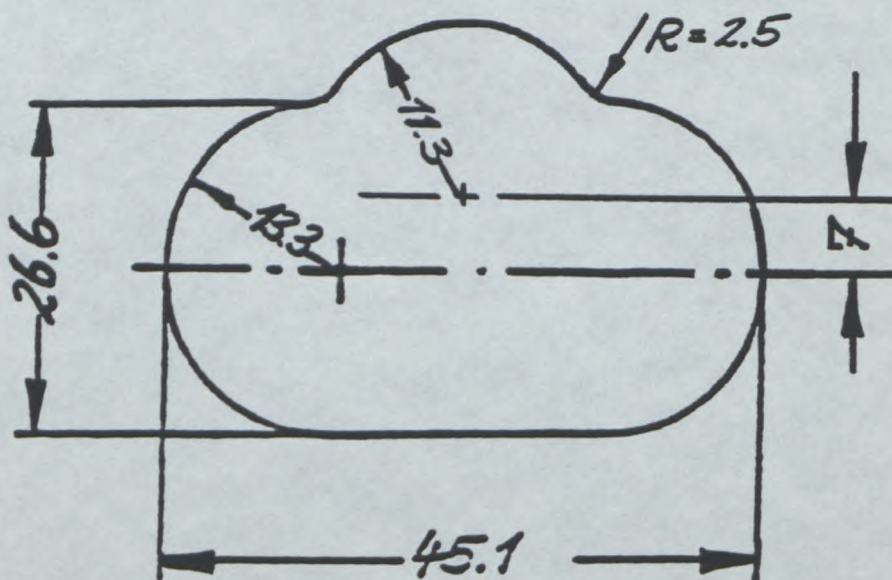
j) Auspuffkrümmer  
Exhaust manifold



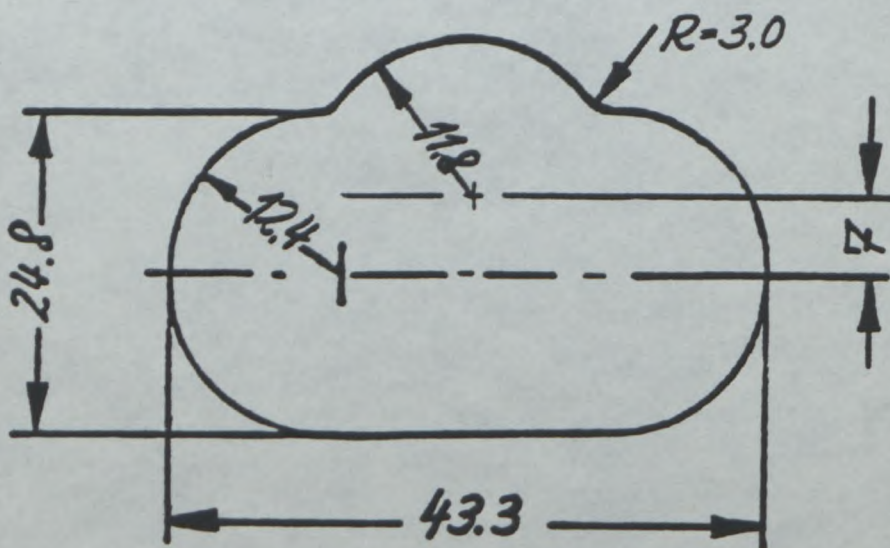


**Zeichnungen der Einlaßkanäle** — Abmessungstoleranzen: - 2 %, + 4 %  
Drawings of engine ports — tolerances on dimensions: - 2 %, + 4 %

I) Zylinderkopfeinlaßöffnung an der Einlaßkrümmerseite  
Cylinderhead, manifold side



II) Einlaßkrümmeröffnung an der Zylinderkopfseite  
Manifold, cylinderhead side

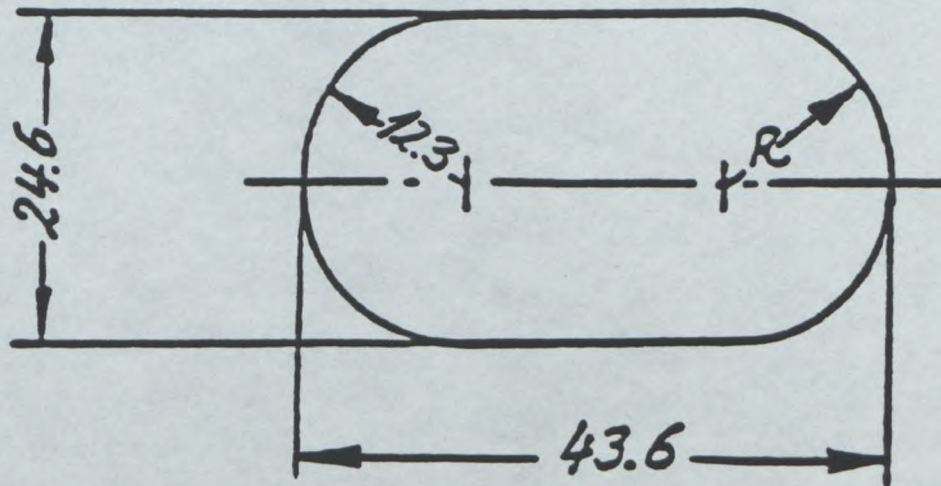


EINLASS / INTAKE

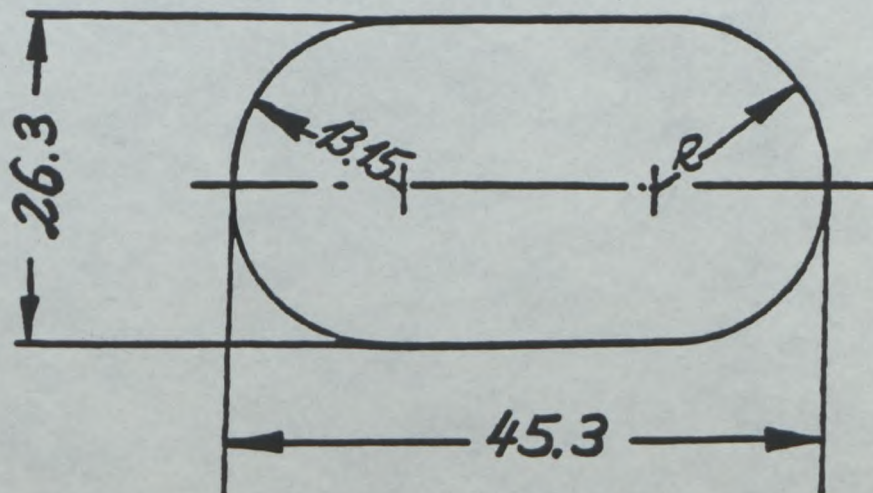


**Zeichnungen der Auslaßkanäle** — Abmessungstoleranzen: - 2 %, + 4 %  
Drawings of engine ports — tolerances on dimensions: - 2 %, + 4 %

III) Zylinderkopfauslaßöffnung an der Auslaßkrümmerseite  
Cylinderhead, manifold side



IV) Auslaßkrümmeröffnung an der Zylinderkopfseite  
Manifold, cylinderhead side



AUSLAßS / EXHAUST



Marke General Motors Europe Modell OPEL/Vauxhall Calibra-A Homologation Nr. A-5477  
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330. Zündanlage:  
Ignition system:

b) Anzahl der Zündkerzen pro Zylinder 1 c) Anzahl der Verteiler 1  
Number of plugs per cylinder Number of distributors

333. Schmiersystem: a) Art Naßsumpf/Wet sump b) Anzahl der Ölpumpen 1  
Lubrication system: Type Number of oil pumps



Marke General Motors Europe  
Make

Modell OPEL/Vauxhall Calibra-A  
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**4. Kraftstoffanlage**  
Fuel circuit

401. Kraftstoffbehälter: a) Anzahl 1  
Fuel tank: Number

b) Lage Unterhalb der Rücksitzwanne / Underneath rear seat pan  
Location

c) Material Kunststoff / Plastic  
Material

**5. Elektrische Ausrüstung**  
Electrical equipment

501. Batterie(n): a) Anzahl 1 b) Spannung 12.0 Volt  
Battery(ies): Number Tension Volts

**6. Kraftübertragung**  
Power train

601. Antriebsräder: vorn  ja  nein hinten  ja  nein  
Driven wheels: front yes no rear yes no

602. Kupplung: b) Art der Betätigung Seilzug/Bowden cable c) Anzahl der Scheiben 1  
Clutch: Control system Number of plates

603. Getriebe: a) Lage Motorraum / Engine compartment  
Gearbox: Location

b) Manuelles Getriebe, Marke GME/X-Trac c) Automatisches Getriebe, Marke ./.  
„Manual“ make „Automatic“ make

d) Anordnung des Schalthebels Mechanisch am Tunnel / Mechanic on the floor  
Type and location of control



Marke  
Make

**General Motors Europe**

Modell  
Model

**OPEL/Vauxhall Calibra-A**  
**Turbo 4 x 4**

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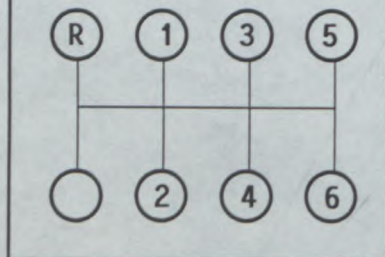
e) Übersetzungen  
Ratios

	Handschaltung <small>Manual</small>		
	Anzahl der Zähne Number of teeth	Über- setzungen ratio	synchro. constant
1	50:14	3.57	X
2	54:25	2.16	X
3	48:33	1.45	X
4	43:39	1.10	X
5	31:35	0.89	X
6	36:49	0.74	X
Rück- wärts R	$\frac{42 \times 31}{14 \times 28}$	3.32	
Kon- stante Constant			

N / A

	Automatik <small>Automatic</small>		
	Anzahl der Zähne Number of teeth	Über- setzungen ratio	synchro.
1			
2			
3			
4			
5			
Rück- wärts R			

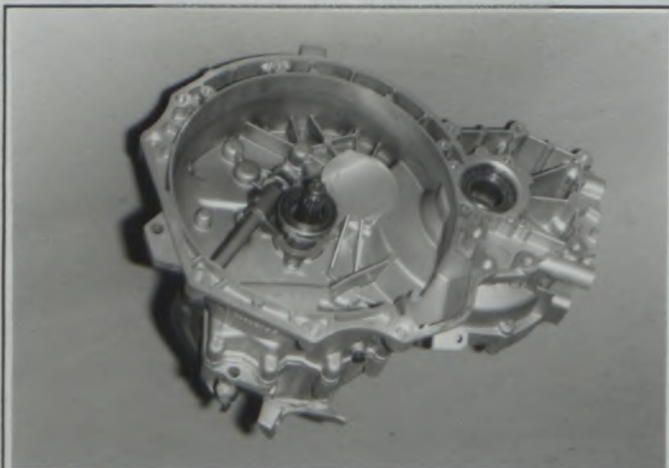
f) Schalt-Schema  
Gear change gate



g) Schmiersystem  
Type of lubrication

**Naßsumpf / Wet sump**

S) Getriebegehäuse und Kupplungsglocke  
Gearbox casing and clutch bell housing



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604. Verteilergetriebe: a) Übersetzungen 3.70  
Transfer box: Ratio

Winkeltrieb/Angle drive 27:37  
 Planetengetriebe/Planetary drive 65:23:16

b) Anzahl der Zähne 65:23:16  
Number of teeth

c) Betätigungssystem des Verteilergetriebes Verteilergetriebe / Distributor gear  
Control system of transfer box

d) Typ des Zentraldifferentials Visco- und Lamellen-Kupplung/Viscous coupling and  
Type of central differential multit-plate clutch

605. Antriebsachse  
Final drive

	(A) Vorn Front	(B) Hinten Rear
a) Art des Achsantriebs <small>Type of final drive</small>	<u>Stirnräder / Spur gears</u>	<u>Hypoidräder / Hypoid gear</u>
b) Übersetzungsverhältnis <small>Ratio</small>	<u>3.72</u>	<u>3.70</u>
c) Anzahl der Zähne <small>Number of teeth</small>	<u>67:18</u>	<u>37:10</u>
e) Art der Schmierung <small>Type of lubrication</small>	<u>Naßsumpf / Wet sump</u>	<u>Naßsumpf / Wet sump</u>

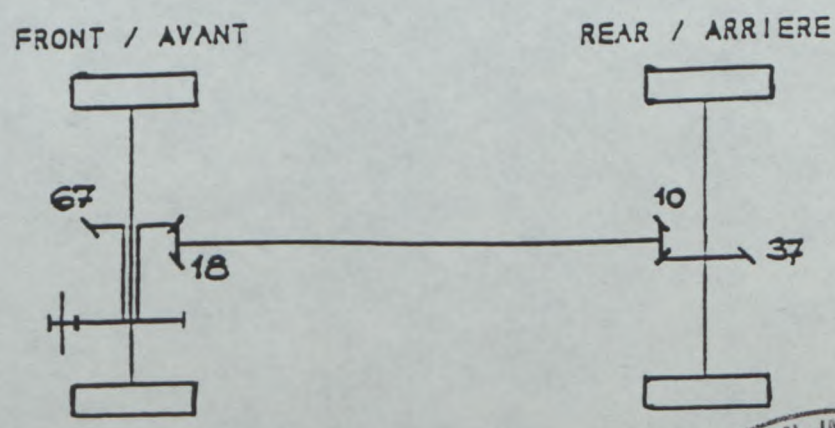
606. Antriebswellen: a) Typ der Längswellen Gelenkwellen / Universal shafts  
Shafts: Type of longitudinal shafts

b) Material der Längswellen Stahl / Steel  
Material of longitudinal shafts

c) Typ der Quer-Halbwellen Gleichlaufgelenkwellen / Constant velocity joint shafts  
Type of transversal half-shafts

d) Material der Quer-Halbwellen Stahl / Steel  
Material of transversal half-shafts

XII) Antriebsschema (4-Rad-Antrieb):  
Kinematic train (4 wheel drive):



**7. Radaufhängung**  
Suspension

	Vorn Front	Hinten Rear
701. Allgemeines General a) Art der Radaufhängung Type of suspension	<u>McPherson Einzelradaufhängung / McPherson strut suspension</u>	<u>Einzelradaufhängung / Independant wheel suspension</u>
702. Schraubenfedern Helicoïdal springs	ja <input type="checkbox"/> / <del>nein</del> <input checked="" type="checkbox"/> yes / no	ja <input type="checkbox"/> / <del>nein</del> <input checked="" type="checkbox"/> yes / no
703. Blattfedern Leaf springs	<del>ja</del> <input checked="" type="checkbox"/> / nein <input type="checkbox"/> yes / no	<del>ja</del> <input checked="" type="checkbox"/> / nein <input type="checkbox"/> yes / no
704. Drehstab Torsion bars	<del>ja</del> <input checked="" type="checkbox"/> / <del>nein</del> <input checked="" type="checkbox"/> <u>nein</u> yes / no <u>no</u>	<del>ja</del> <input checked="" type="checkbox"/> / <u>NO</u> <u>nein</u> yes / no <u>no</u>

705. Andere Arten der Radaufhängung: (siehe Beschreibung auf zusätzlichem Blatt)  
Other type of suspension: (see description on additional form)

707. Stoßdämpfer:  
Shock absorbers:

a) Anzahl je Rad  
Number per wheel

b) Art  
Type

c) Funktionsprinzip  
Principle of operation

	Vorn Front	Hinten Rear
a) Anzahl je Rad	<u>1</u>	<u>1</u>
b) Art	<u>Teleskop / Telescopic</u>	<u>Teleskop / Telescopic</u>
c) Funktionsprinzip	<u>Hydraulisch / Hydraulic</u>	<u>Hydraulisch / Hydraulic</u>



T) Vorderachse vollständig ausgebaut  
Complete dismantled front axle

U) Hinterachse vollständig ausgebaut  
Complete dismantled rear axle



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Turbo 4 x 4

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**8. Fahrwerk**  
 Running gear

801. Räder:  
 Wheels:

Vorn Front	Hinten Rear
<u>16</u> "/ <u>406.40</u> mm	<u>16</u> "/ <u>406.40</u> mm

a) Durchmesser  
 Diameter

803. Bremsen: a) Bremssystem  
 Brakes: Braking system

Zweikreis, hydraulisch / Duel circuit, hydraulic

b) Anzahl der Hauptbremszylinder 1 Tandem b) Bohrungen 23.81 mm / 23.81 mm  
 Number of master cylinders Bores

c) Servobremse  ja  nein  
 Servo-brakes yes no

c 1) Marke und Art GM / Teves  
 Make and type

d) Bremskraftregler  ja  nein  
 Braking regulator yes no

d 1) Lage ./.  
 Location

e) Anzahl der Zylinder je Rad  
 Number of cylinders per wheel

Vorn Front	Hinten Rear
<u>1</u>	<u>2</u>
e 1) Bohrung <u>54.0</u> mm Bore	<u>33.0</u> mm
f) Trommelbremsen: Drum brakes:	
f 1) Innendurchmesser <u>./.</u> ± 1.5 mm Internal diameter	<u>./.</u> ± 1.5 mm
f 2) Anzahl der Bremsbeläge je Rad <u>./.</u> Number of linings per wheel	<u>./.</u>
f 3) Obere Belaglänge (Bogen) <u>./.</u> ± 1.5 mm Developed length of linings	<u>./.</u> ± 1.5 mm
f 4) Breite der Bremsbeläge <u>./.</u> ± 1 mm Width of the shoes	<u>./.</u> ± 1 mm
g) Scheibenbremsen: Disc brakes:	
g 1) Anzahl der Bremsbeläge je Rad <u>2</u> Number of pads per wheel	<u>2</u>
g 2) Anzahl der Sättel je Rad <u>1</u> Number of calipers per wheel	<u>1</u>
g 3) Material der Bremssättel <u>Guß/Cast iron</u> Caliper material	<u>Guß/Cast iron</u>
g 4) Dicke der neuen Scheibe <u>24.0</u> ± 1 mm Thickness of new disc	<u>10.0</u> ± 1 mm
g 5) Außendurchmesser der Scheibe <u>284.0</u> ± 1.5 mm External diameter of the disc	<u>270.0</u> ± 1.5 mm
g 6) Außendurchmesser der Belagfläche <u>284.0</u> ± 1.5 mm External diameter of pads rubbing surface	<u>270.0</u> ± 1.5 mm





Marke General Motors Europe  
 Make

Modell OPEL/Vauxhall Calibra-A  
 Model  
Turbo 4 x 4

Homologation Nr. A - 5 4 7 7  
 Homologation No.

g7) Innendurchmesser  
 der Belagfläche  
 Internal diameter of pads' rubbing surface

g8) Länge der Beläge über Alles  
 Overall length of the pads

g9) Bremsscheibe belüftet  
 Ventilated discs

	Vorn Front	Hinten Rear
	<u>117.5</u> ± 1,5 mm	<u>116.0</u> ± 1,5 mm
	<u>113.0</u> ± 1,5 mm	<u>60.75</u> ± 1,5 mm
	<input type="checkbox"/> ja yes <input checked="" type="checkbox"/> nein no	<input checked="" type="checkbox"/> ja yes <input type="checkbox"/> nein no

h) Feststellbremse:  
 Parking brake:

h1) Betätigungssystem Seilzug/Bowden cable  
 Control system

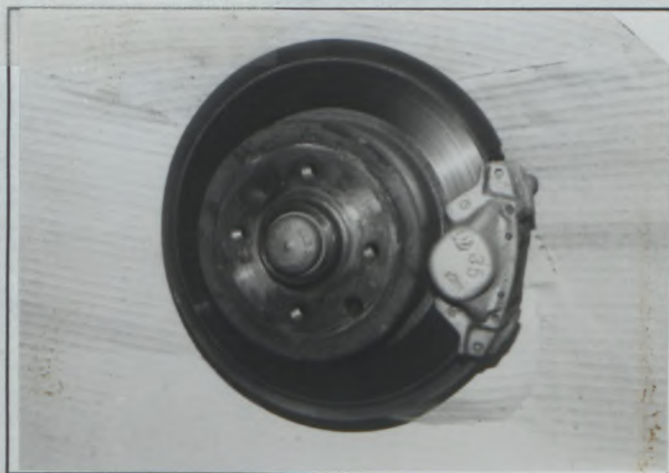
h2) Lage des Bremshebels Tunnel  
 Location of lever

h3) Wirkung auf die Räder  
 On which wheels

<input checked="" type="checkbox"/> Vorn Front	<input type="checkbox"/> Hinten Rear
---	---

V) Bremsen vorn  
 Front brakes

W) Bremsen hinten  
 Rear brakes



804. Lenkung:  
 Steering:

a) Typ  
 Type

b) Servounterstützung  
 Power assisted

c) Typ  
 Type

	Vorn Front	Hinten Rear
	<u>Zahnstangenlenkung/ Rack and pinion</u>	<u>./.</u>
	<input type="checkbox"/> ja yes <input checked="" type="checkbox"/> nein no	<input checked="" type="checkbox"/> ja yes <input type="checkbox"/> nein no
	<u>Hydraulisch/Hydraulic</u>	<u>/</u>



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Model

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**9. Karosserie**  
Bodywork

901. Innen: a) Belüftung  
Interior: Ventilation

ja yes	<input checked="" type="checkbox"/>	nein no
-----------	-------------------------------------	------------

b) Heizung  
Heating

ja yes	<input checked="" type="checkbox"/>	nein no
-----------	-------------------------------------	------------

f) Sonderausstattung Schiebedach  
Optional sun roof

ja yes	<input checked="" type="checkbox"/>	nein no
-----------	-------------------------------------	------------

f1) Art Stahl/Steel  
Type

f2) Betätigungssystem Kurbel und Hebedach/  
Crank and lift roof  
Control system

g) Öffnungssystem der  
Seitenscheiben  
Opening system for side windows

Vorn Front	Hinten Rear
<u>Handkurbel oder elektrisch</u> <u>Manual crank or electric</u>	<u>Feststehend / Rigid</u>

X) Armaturenbrett  
Dashboard



Y) Schiebedach  
Sunroof



Marke General Motors Europe  
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Modell OPEL/Vauxhall Calibra-A  
 Model Turbo 4 x 4

Homologation Nr. \_\_\_\_\_  
 Homologation No. \_\_\_\_\_

**A - 5 4 7 7**

902. Außen: a) Anzahl der Türen 2  
 Exterior: Number of doors

b) Heckklappe  
 Tailgate

ja yes	<input checked="" type="checkbox"/>	nein no	<input type="checkbox"/>
-----------	-------------------------------------	------------	--------------------------

c) Material der Türen  
 Door material

Vorn Front	Hinten Rear
<u>Stahl / Steel</u>	<u>./.</u>

d) Material der Fronthaube  
 Front bonnet material

Stahl / Steel

e) Material der Heckhaube/-klappe  
 Rear bonnet / tailgate material

Stahl/Steel

f) Material der Karosserie  
 Bodywork material

Stahl mit Plastic-Anbauteilen / Steel and plastic mouldings

h) Material der Heckscheibe  
 Rear window material

Glas/Safety Glass

i) Material der hinteren Seitenscheiben  
 Rear quarter window material

Glas/Safety Glas

k) Material der Seitenscheiben  
 Side window material

Vorn Front	Hinten Rear
<u>Glas / Safety Glass</u>	<u>Glas / Safety Glass</u>
<u>Kunststoff/Plastic Mod-PC</u>	<u>Kunststoff/Plastic Mod-PC</u>

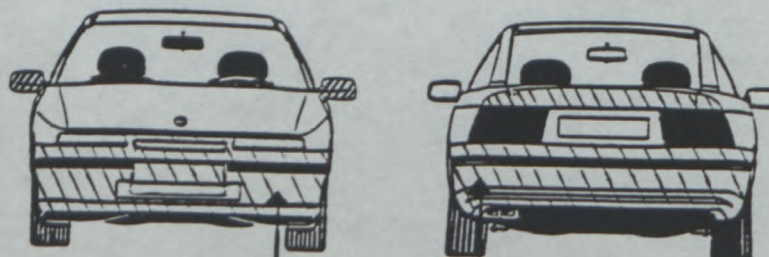
l) Material der  
 Material of bumper

Stoßfänger

XIII) Kunststoffeile der Karosserie: Front and Rear Bumpers/Spoilers / Vorderer und hinterer Stoßstangen-Spoiler  
 Synthetic parts of the body:

Rear Spoiler / Heckspoiler

Side Spoiler / Seitenspoiler



Front & rear Bumpers/Spoilers / Vorderer und hinterer Stoßstangen-Spoiler





FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE

Homologation No

A - 5477

Groupe  
Group

A/~~B~~/~~C~~

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

Véhicule: Constructeur GM Europe Modèle et type OPEL/Vauxhall Calibra-A  
Vehicle: Manufactureur GM Europe Model and type OPEL/Vauxhall Calibra-A  
Turbo 4 x 4

Homologation valable à partir du 01 JAN. 1993  
Homologation valid as from \_\_\_\_\_

334. Suralimentation  
Turbocharging

a) Marque et type du turbocompresseur KKK K16  
Make and type of the turbocharger \_\_\_\_\_

b) Carter de turbine :  
Turbine housing :

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

b2) Matériau Ni Si Cr - Alloy  
Material \_\_\_\_\_

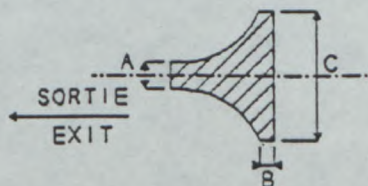
c) Roue de turbine :  
Turbine wheel :

c1) Matériau Ni - Alloy  
Material \_\_\_\_\_

c2) Nombre d'aubes 12 c3) Hauteur(s) des aubes 19.5 +/- 0.5 mm  
Number of blades \_\_\_\_\_ Height(s) of blades \_\_\_\_\_

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

A = 46.5 +/- 0.4 mm  
B = 6.9 +/- 0.5 mm  
C = 55.2 +/- 0.3 mm



c5) Aubes variables  oui  non  
Variable blades  yes  no

d) Carter de compression :  
Impeller housing :

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

d2) Matériau Aluminium / Light Alloy  
Material \_\_\_\_\_



Marque GM Europe  
 Make \_\_\_\_\_

Modèle OPEL/Vauxhall Calibra-A  
 Model \_\_\_\_\_  
 Turbo 4 x 4

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e) Roue de compression :  
 Impeller wheel :

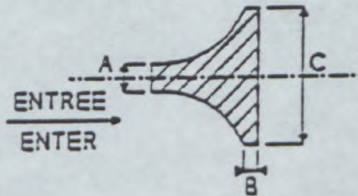
e1) Matériau Aluminium / Aluminium Alloy  
 Material \_\_\_\_\_

e2) Nombre d'aubes 12  
 Number of blades \_\_\_\_\_

e3) Hauteur(s) des aubes 20.1 +/- 0.5 mm  
 Height(s) of blades \_\_\_\_\_

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

A = 42.7 +/- 0.4 mm  
 B = 4.4 +/- 0.5 mm  
 C = 60.9 +/- 0.4 mm



e5) Aubes variables  oui / non  
 Variable blades  yes / no

f) Régulation de la pression :  
 Pressure regulation :

f1) Type de régulation de la pression :  by-pass  soupape de décharge relief valve  autre cas other case  
 Type of pressure adjustment:

f2) Type de la soupape Integrirertes Abgas-By-Pass-Ventil/Integral Wastegate  
 Type of the valve \_\_\_\_\_

g) Système d'échappement :  
 Exhaust system :

g1) Dimensions intérieures de(s) éventuel(s) tuyau(x) d'échappement entre collecteur d'échappement et turbocompresseur 57.0 + 2.0mm  
 Internal dimensions of the possible exhaust pipe(s) between exhaust manifold and turbocharger \_\_\_\_\_



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

h1)  oui / non  
 yes / no

h2) Système  air/air  air/eau air/water  simple-passe single-flow  double-passe double-flow  
 System

Capacité en eau 1  
 Water capacity \_\_\_\_\_ l

h3) Diamètre de l'entrée d'air 40.0 + 0.3 mm  
 Air inlet diameter \_\_\_\_\_

h4) Diamètre de la sortie d'air 40.0 + 0.3 mm  
 Air outlet diameter \_\_\_\_\_

Marque  
Make

*GM Europe*

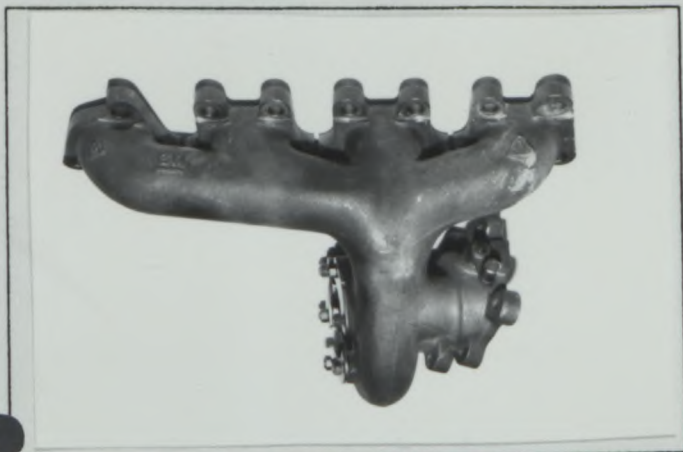
Modèle  
Model

*OPEL / Vauxhall  
Calibra-A Turbo 4x4*

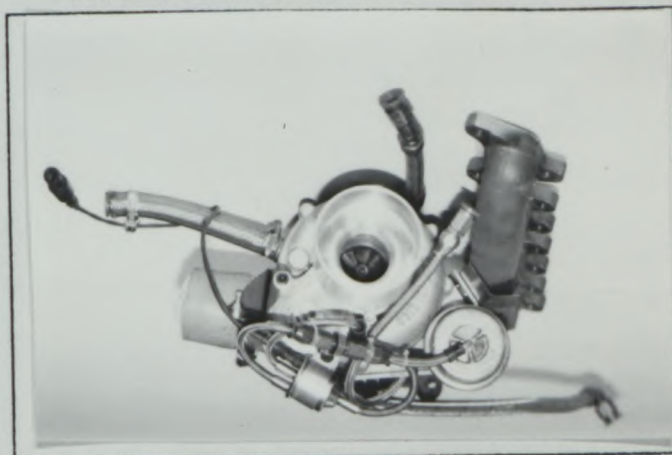
**A-5477**

PHOTOS

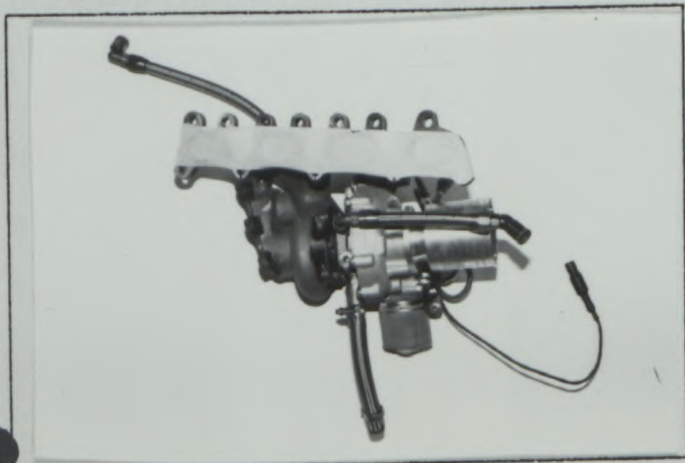
K) Vue de dessus du turbocompresseur  
Plan view of turbocharger



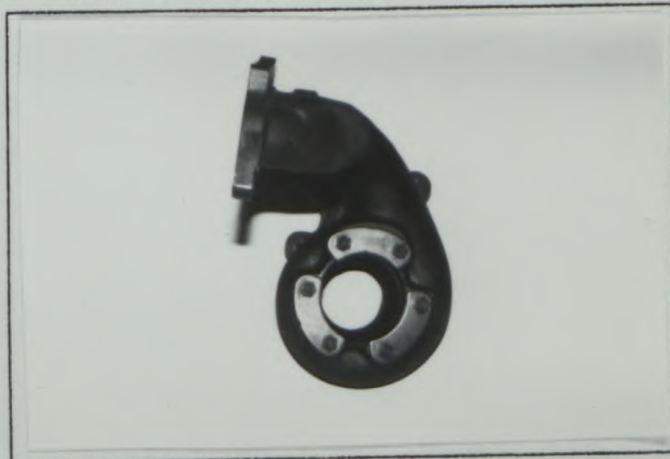
L) Vue de face du turbocompresseur  
Front view of turbocharger



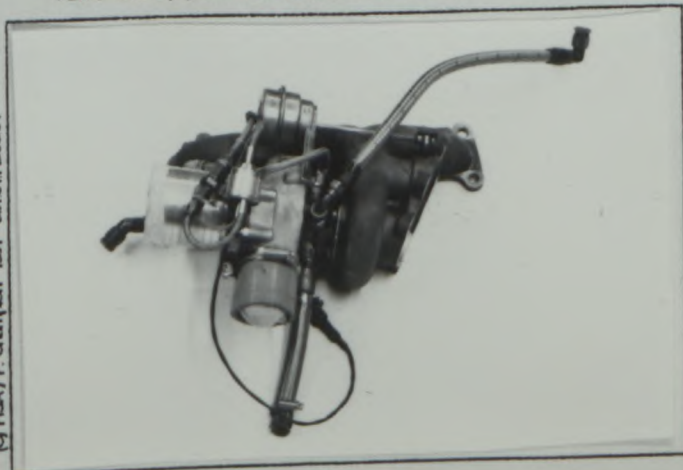
M) Vue de côté du turbocompresseur  
Side view of turbocharger



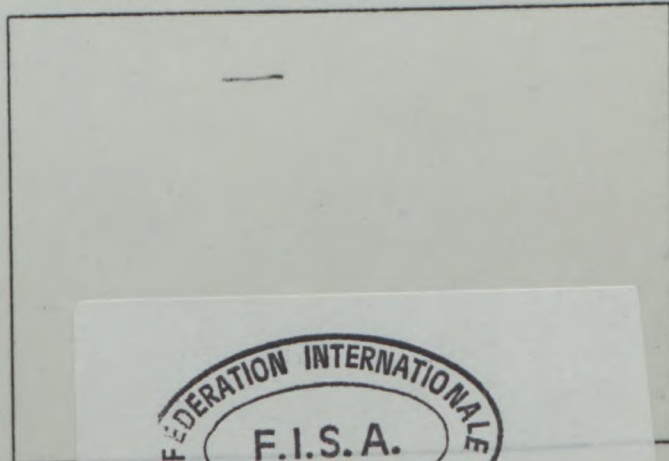
N) Carter de turbine du turbocompresseur  
Turbine housing of turbocharger



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



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



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Marque  
Make

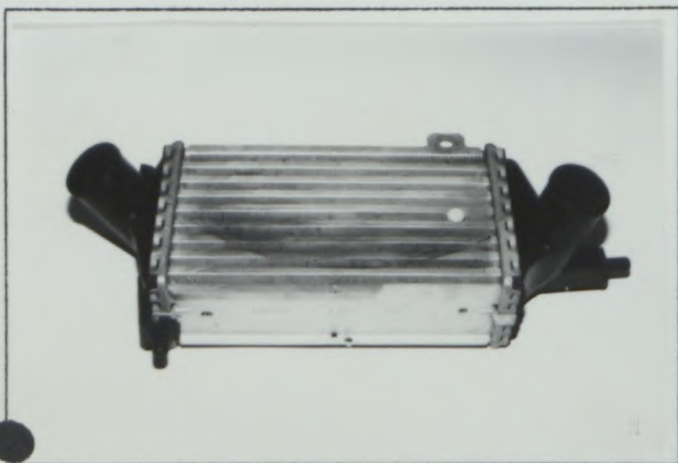
Modèle  
Model

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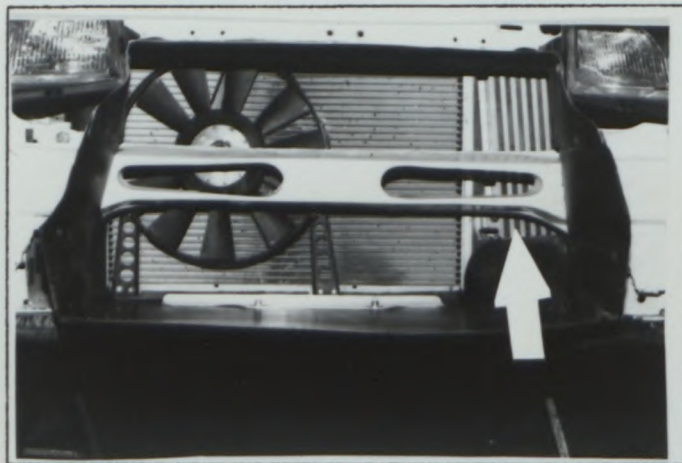
Q) Carter de compresseur du turbocompresseur  
Compressor housing of turbocharger



R) Echangeur intermédiaire déposé  
Intercooler dismantled



Z) Echangeur intermédiaire monté  
Intercooler mounted



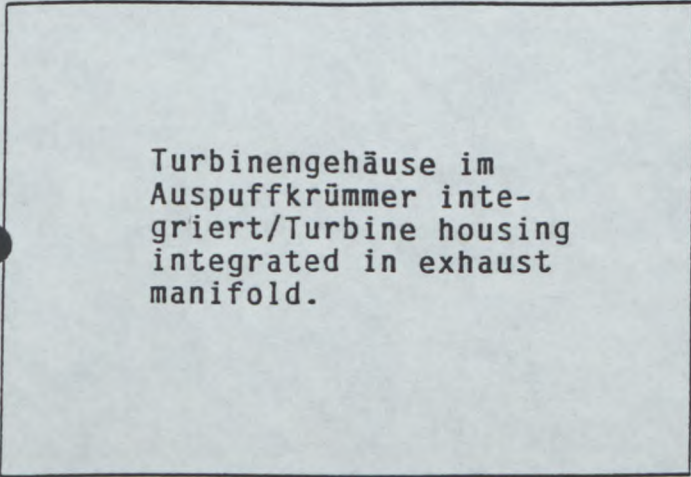
Marque GM Europe  
Make

Modèle OPEL/Vauxhall Calibra-A  
Model Turbo 4 x 4

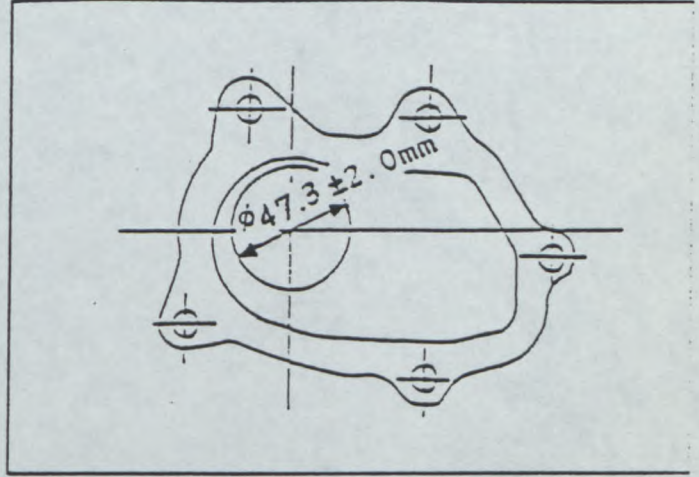
**A - 5 4 7 7**

DESSINS / DRAWINGS

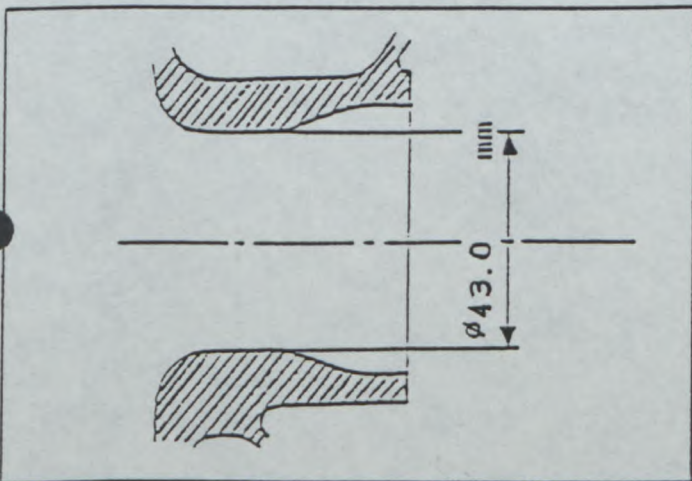
V) Entrée des gaz d'échappement dans turbine de compresseur  
Exhaust gas inlet to the compressor turbine



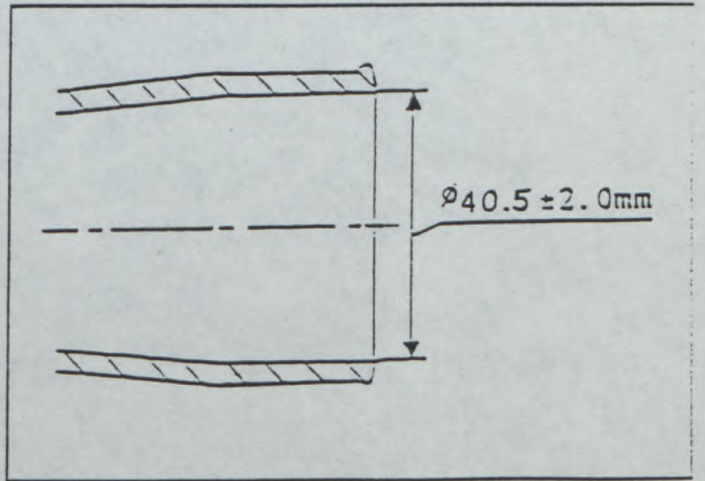
VI) Sortie des gaz d'échappement de turbine de compresseur  
Exhaust gas outlet from the turbine compressor



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



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



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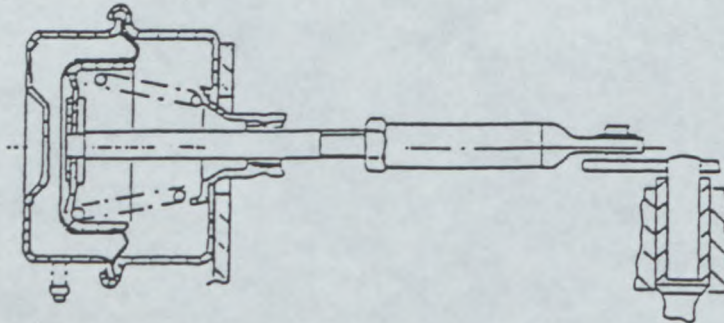


Marque **GM Europe**  
 Make

Modèle **OPEL/Vauxhall Calibra-A**  
 Model **Turbo 4 x 4**

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



Pression standard  $0.8 \pm 0.2$  bar  
 Standard pressure

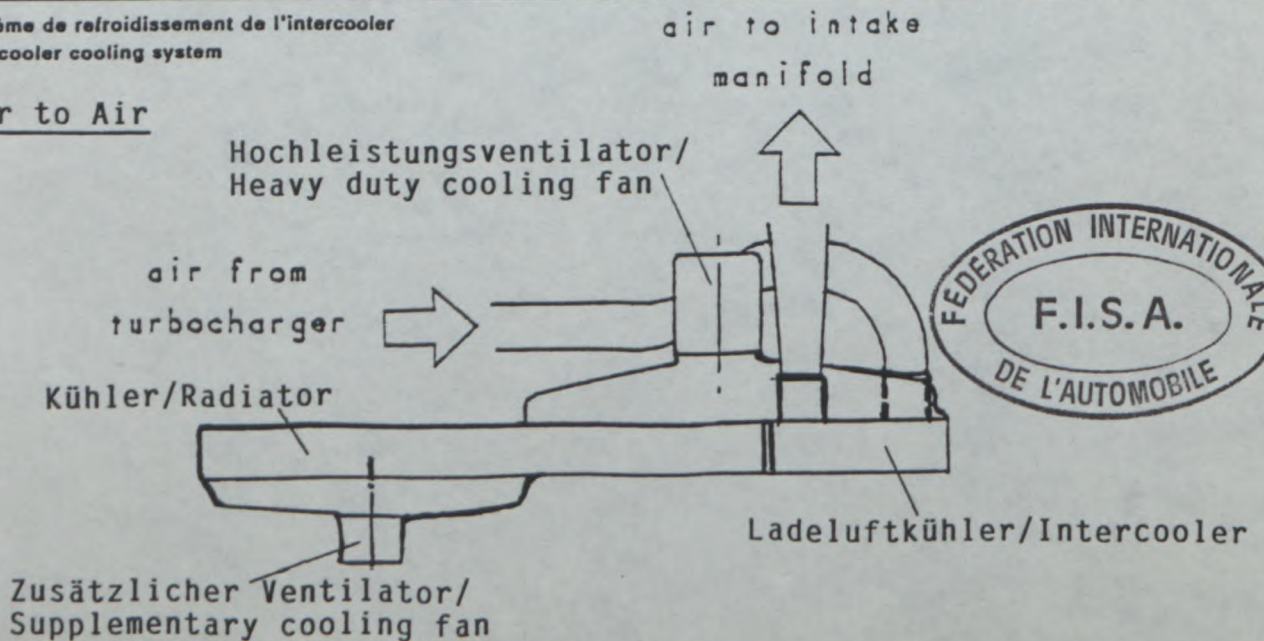
Procédure de contrôle de la pression  
 Procedure for checking the pressure

Druckgeber im Saugrohr,

Druckdose mit Gestänge zum Abgas-Bypass-Ventil max. 12.5 mm Hub/Pressure  
sensor in intake manifold, pressure regulating device with a linkage  
control to the waste gate valve max. lift 12.5 mm

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

Air to Air

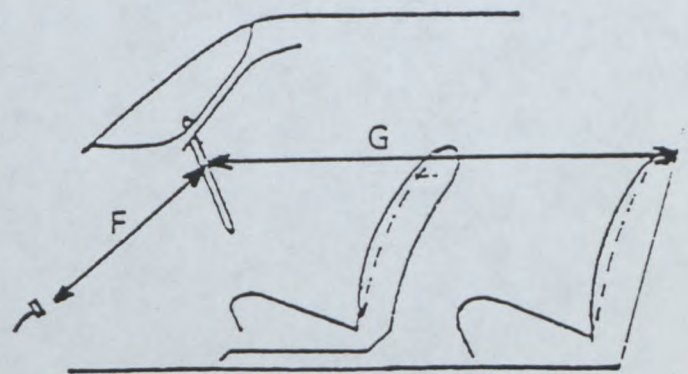
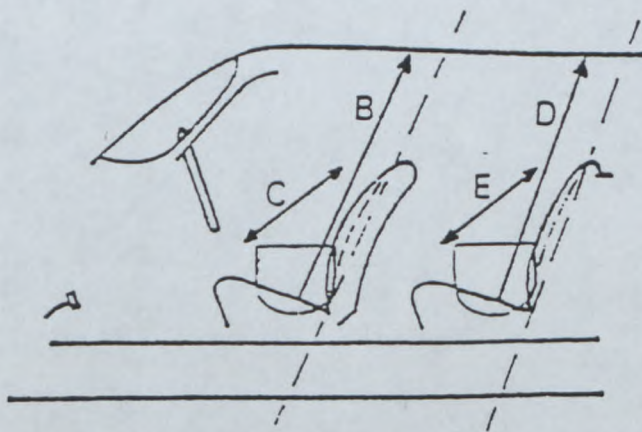


Gruppe **A/B**  
Group

Marke General Motors Europe  
Make

Modell OPEL/Vauxhall Calibra-A Turbo 4 x 4  
Model

Innenabmessungen gem. Homologationsbestimmungen  
Interior dimensions as defined by the Homologation Regulations



B	Höhe über den Vordersitzen Height above front seats	<u>1111</u>	mm
C	Breite über den Vordersitzen Width at front seats	<u>1282</u>	mm
D	Höhe über den Rücksitzen Height above rear seats	<u>932</u>	mm
E	Breite über den Rücksitzen Width at rear seats	<u>1276</u>	mm
F	Abstand Lenkrad — Bremspedal Steering wheel — brake pedal	<u>680</u>	mm
G	Abstand Lenkrad — Hintere Trennwand Steering wheel — rear bulkhead	<u>1581</u>	mm
H	$H = F + G =$	<u>2261</u>	mm





FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE

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A-5477

13 NOV. 1992  
1058

Groupe ~~A/B/N/T1~~  
Group ~~A/B/N/T1~~

Extension No

01/01V0

FICHE D'EXTENSION D'HOMOLOGATION  
FORM OF HOMOLOGATION EXTENSION

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

Véhicule: Constructeur GM EUROPE Modèle et type OPEL/VAUXHALL  
 Vehicle: Manufactureur GM EUROPE Model and type CALIBRA TURBO 4X4

Homologation valable à partir du JAN '93 01 JAN. 1993  
 Homologation valid as from JAN '93 01 JAN. 1993

Page ou ext. Page or ext.	Article Article'	Description Description
	803	<u>Brakes</u>
	803g 2/3	Brake calipers used with or without optional stone guard.
	803g 4/5	Brake discs may be with or without grooves and cross drillings
	803g 6/7	Actual swept area may be less dependent on brake caliper used, brake discs with or without brake cover plate.  The friction material of the brake may not utilise all the disc area available.

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Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

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Extension No

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Page ou ext. Page or ext.	Article Article	Description Description
	701a	Front suspension top mounting - adjustable eccentric. J03 015/017 Photo 1 J03 186/187 Photo 2 J03 150 Photo 3
	701a	Reinforced front strut, kinematic remains unchanged. J03 152/153 Photo 4
	701a	Water cooled front strut, kinematic remains unchanged. J03 184/185 Photo 5
	701a	Reinforced lower control arm with ball joint. J03 032 Photo 6 J03 033 Photo 7
	701a	Reinforced lower suspension link rod. Single adjuster J03 030 Photo 8 Dual Adjuster J03 110 Photo 9
	701a	Front anti-roll bar. J03 140 Photo 10
	701a	Lift limiting device front. J03 123 Photo 11
	701b	Reinforced rear trailing arms with ball joint, adjustable, geometry unchanged. J04 001/002 Photo 12
	701b	Rear anti roll bar, adjustable. J03 099 Photo 13
	701b	Rear anti roll bar, cockpit adjuster. T04 099 Photo 14



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

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Page ou ext. Page or ext.	Article Article	Description Description
	701b	Dirt removal scoop J04 084/085 Photo 15
	701b	Adjustable spring seat/rear Fixed J04 130 Photo 16 Tilting J04 132 Photo 17
	803	Brakes :
	c	Optional
	d	Optional
	803	Adjustable dual circuit brake system. Photo 18
	803b	Number of cylinders : 2
	803bi	Cylinder ø 15.87mm, 17.8mm, 19.05mm, 20.57mm, 22.22mm, 23.81mm, 25.40mm Photos 19, 20, 21
	803d	Hydraulic pressure cut off valve, adjustable in passenger compartment. J05 019 Photo 22
	803hi	Hydraulic handbrake Cylinder ø 14.85mm, 15.87mm, 17.78mm, 19.05mm, 22.22mm Photo 23
	803	Disc brake protection shield. J04 041/042 Photo 24
	803	Brake disc adaptor with expansion slots. J05 069 Photo 25



Marque GM Europe  
 Make

Modèle OPEL/Vauxhall  
 Model Calibra-A Turbo 4x4

Homologation No  
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Extension No  
01/01V0

age ou ext. age or ext.	Article Article	Description Description		
	803	Brake disc adaptor without expansion slots.	J05 070	Photo 26
	803	Brake discs front & rear may be :		
		i) 4 grooves		Photo 27
		ii) 8 grooves		Photo 28
		iii) Cross drilled		Photo 29
	606	Reinforced driveshaft front.	J07 001	Photo 30
	602d	Clutch		
		Control system : hydraulic		Photo 31
	605	Oil cooling system for gearbox		Photo 32
	605	Gear lever assembly.	J07 420	Photo 33
	605	Additional oil reserve for transmission and/or steering. Capacity 0.7 L	J09 069	Photo 35
	804	b) Ratio 14.8:1 b) Ratio 17.1:1 b) Ratio 22:1		
	804	c) Power steering with accessories		Photo 36
	804	Steering : reinforced track rod left and/or right	J09 025/026	Photo 37
	804	Heavy duty steering column	J09 063 J09 065	Photo 38 Photo 39



Marque GM Europe  
 Make

Modèle OPEL/Vauxhall  
 Model Calibra-A Turbo 4x4

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Page ou ext. Page or ext.	Article Article	Description Description		
	701	Lift limiting device - rear	J04 037	Photo 40
	901	Mechanical tilt roof ventilation, front - for rallies only.	J01 008	Photo 41
			J01 088 x 2	Photo 42
	306	Additional cooling reservoir. Capacity 2.5 L	J13 003	Photo 43
			004	
			005	
	606	Reinforced drive flange.	J07 322	Photo 44
	701a	Reinforced lower suspension mounting beam front	J03 098	Photo 45
			J03 099	Photo 46
	701b	Reinforced lower suspension mounting beam rear	J04 079/080	Photo 47
	701	Anti roll bar cockpit adjuster - front and/or rear	J03 073	Photo 48
	803	Reinforced brake pedal.	J05 031	Photo 49
	602	Reinforced clutch pedal	J07 051	Photo 50
	605	Gear lever assembly	T07 082	Photo 51
	804	Steering rack retaining clamp	J09 021	Photo 52



Marque GM Europe  
 Make GM Europe

Modèle OPEL/Vauxhall  
 Model OPEL/Vauxhall

Calibra-A Turbo 4x4

Homologation No.  
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**01/01V0**

Age ou ext. Age or ext.	Article Article	Description Description
		<p>Additional water/oil cooler</p> <p>Capacity 0.25 L J13 006/024 Photo 54            Capacity 0.20 L J13 023 Photo 55</p>
	701	<p>Front and/or rear suspension (shock absorber) water cooling system.</p> <p>J03 145 Photo 56</p> <p>Capacity of the tank = 2.5 Litres</p>
		<p>Hub 4 stud.</p> <p>J03 155 Photo 58</p>
		<p>Hub 5 stud.</p> <p>J03 156 Photo 59</p>
		<p>Spring seat.</p> <p>J03 151 Photo 60</p>
		<p>Brake cooling water system, front/rear.</p> <p>Capacity 2.5 L or 5.6 L J03 145 Photo 61</p>
		<p>Disc brake adapter (5 stud)</p> <p>J05 075 Photo 62</p>
		<p>Disc brake adapter with expansion slots (5 stud)</p> <p>J05 081 Photo 63</p>
		<p>Brake/clutch cylinder spacer</p> <p>J05 060 Photo 64            J05 060 Photo 65</p>





Marque GM Europe  
 Make GM Europe

Modèle OPEL/Vauxhall  
 Model OPEL/Vauxhall

Calibra-A Turbo 4x4

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**01/01V0**

Page ou ext. Page or ext.	Article Article	Description Description		
	804	ZF steering pump & mounting bracket.	J09 066	Photo 66
			J09 076	Photo 67
	804	PAS cooling system. Capacity 1.25 L		Photo 68
	804	Saginaw rack with optional ZF pump.	T09 C001/2	Photo 69
			T09 501	Photo 70
	605	Heavy duty rear diff housing.	J07 413	Photo 71
	606	Rear driveshafts.	J07 048	Photo 72
	606a	Heavy duty prop shaft.	J07 005	Photo 73
	604	Optional centre diff housing.		Photo 74
	604	Transmission control system including heat exchanger. Capacity 1.05 L		Photo 75
	603	Revised gear shift aperture location.		Photo 76
	603	Gear shift lever assembly.		Photo 77



Marque GM Europe  
 Make GM Europe

Modèle OPEL/Vauxhall  
 Model Calibra-A Turbo 4x4

Homologation No.  
**A - 5477**

Extension No.  
**01/01V0**

FICHE D'HOMOLOGATION VO POUR FREINS A DISQUE (à utiliser avec première page de " Fiche d'Extension d'Homologation ")  
 VO HOMOLOGATION FORM FOR DISC BRAKES (to be used with first page of " Form of Homologation Extension ")

803. Freins :  
 Brakes :

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

e1) Alésage  
 Bore

g) Freins à disques :  
 Disc brakes :

g1) Nombre de plaquettes par roue  
 Number of pads per wheel

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

g3) Matériau des étriers  
 Caliper material

g4) Épaisseur du disque neuf  
 Thickness of new disc

g5) Diamètre extérieur du disque  
 External diameter of the disc

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

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

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

g9) Disques ventilés  
 Ventilated discs

	Avant / Front	Arrière/Rear
e)	<u>6</u>	<u>4</u>
e1)	<u>25 bis/to 45</u> mm	<u>30bis/to 50</u> mm
g1)	<u>2</u>	<u>2</u>
g2)	<u>1</u>	<u>1</u>
g3)	<u>Aluminium Alloy</u>	<u>Aluminium Alloy</u>
g4)	<u>19 bis/to 36.5</u> +/- 1 mm	<u>19 bis/to 36.5</u> +/- 1 mm
g5)	<u>355.0</u> +/- 1.5 mm	<u>295.0</u> +/- 1.5 mm
g6)	<u>355.0</u> +/- 1.5 mm	<u>295.0</u> +/- 1.5 mm
g7)	<u>263.0</u> +/- 1.5 mm	<u>203.0</u> +/- 1.5 mm
g8)	<u>152.0</u> +/- 1.5 mm	<u>113.0</u> +/- 1.5 mm
g9)	<input type="checkbox"/> oui <input checked="" type="checkbox"/> non <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> oui <input checked="" type="checkbox"/> non <input type="checkbox"/> yes <input checked="" type="checkbox"/> no

PHOTO No

Avant / Front



PHOTO No

Arrière / Rear



Marque GM Europe  
 Make GM Europe

Modèle OPEL/Vauxhall  
 Model Calibra-A Turbo 4x4

Homologation No.  
**A-5477**  
 Extension No  
**01/01V0**

FICHE D'HOMOLOGATION VO POUR FREINS A DISQUE (à utiliser avec première page de " Fiche d'Extension d'Homologation ")  
 VO HOMOLOGATION FORM FOR DISC BRAKES (to be used with first page of " Form of Homologation Extension ")

803. Freins :  
 Brakes :

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

e1) Alésage  
 Bore

g) Freins à disques :  
 Disc brakes :

g1) Nombre de plaquettes par roue  
 Number of pads per wheel

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

g3) Matériau des étriers  
 Caliper material

g4) Epaisseur du disque neuf  
 Thickness of new disc

g5) Diamètre extérieur du disque  
 External diameter of the disc

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

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

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

g9) Disques ventilés  
 Ventilated discs

	Avant / Front	Vorn/ <del>XXXX</del> Front
e)	<u>4</u>	<u>4</u>
e1)	<u>30bis/to 50</u> mm	<u>30 bis/to 50</u> mm
g)		
g1)	<u>2</u>	<u>2</u>
g2)	<u>1</u>	<u>1</u>
g3)	<u>Aluminium Alloy</u>	<u>Aluminium Alloy</u>
g4)	<u>19.0 bis/to 36.5<sup>+/- 1 mm</sup></u>	<u>19.0 bis/to 36.5<sup>+/- 1 mm</sup></u>
g5)	<u>330.0 +/- 1.5 mm</u>	<u>325.0 +/- 1.5 mm</u>
g6)	<u>330.0 +/- 1.5 mm</u>	<u>325.0 +/- 1.5 mm</u>
g7)	<u>225.0 +/- 1.5 mm</u>	<u>225.0 +/- 1.5 mm</u>
g8)	<u>133.0 +/- 1.5 mm</u>	<u>133.0 +/- 1.5 mm</u>
g9)	oui <input checked="" type="checkbox"/> / yes <input checked="" type="checkbox"/>	oui <input checked="" type="checkbox"/> / yes <input checked="" type="checkbox"/>



PHOTO No

Avant / Front



PHOTO No

Vorn/Front ~~XXXXXX~~



Marque GM Europe  
 Make \_\_\_\_\_

Modèle OPEL/Vauxhall  
 Model \_\_\_\_\_

Homologation No.  
**A - 5477**  
 Extension No.  
**01/01V0**

**Calibra-A Turbo 4x4**

FICHE D'HOMOLOGATION VO POUR FREINS A DISQUE (à utiliser avec première page de " Fiche d'Extension d'Homologation ")  
 VO HOMOLOGATION FORM FOR DISC BRAKES (to be used with first page of " Form of Homologation Extension ")

803. Freins :  
 Brakes :

- e) Nombre de cylindres par roue  
 Number of cylinders per wheel
- e1) Alésage  
 Bore
- g) Freins à disques :  
 Disc brakes :
- g1) Nombre de plaquettes par roue  
 Number of pads per wheel
- g2) Nombre d'étriers par roue  
 Number of calipers per wheel
- g3) Matériau des étriers  
 Caliper material
- g4) Epaisseur du disque neuf  
 Thickness of new disc
- g5) Diamètre extérieur du disque  
 External diameter of the disc
- g6) Diamètre extérieur de frottement des plaquettes  
 External diameter of pads' rubbing surface
- g7) Diamètre intérieur de frottement des plaquettes  
 Internal diameter of pads' rubbing surface
- g8) Longueur hors-tout des plaquettes  
 Overall length of the pads
- g9) Disques ventilés  
 Ventilated discs

	Avant / Front	Arrière/Rear								
e)	<u>4</u>	_____								
e1)	<u>30.0 bis/to 50.0</u> mm	_____ mm								
g1)	<u>2</u>	_____								
g2)	<u>1</u>	_____								
g4)	<u>19.0 bis/to 36.5</u> mm	_____ +/- 1 mm								
g5)	<u>310.0</u> +/- 1.5 mm	_____ +/- 1.5 mm								
g6)	<u>310.0</u> +/- 1.5 mm	_____ +/- 1.5 mm								
g7)	<u>220.0</u> +/- 1.5 mm	_____ +/- 1.5 mm								
g8)	<u>133.0</u> +/- 1.5 mm	_____ +/- 1.5 mm								
g9)	<table border="1"> <tr> <td>oui</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>yes</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	oui	<input checked="" type="checkbox"/>	yes	<input checked="" type="checkbox"/>	<table border="1"> <tr> <td>oui</td> <td>non</td> </tr> <tr> <td>yes</td> <td>no</td> </tr> </table>	oui	non	yes	no
oui	<input checked="" type="checkbox"/>									
yes	<input checked="" type="checkbox"/>									
oui	non									
yes	no									

PHOTO No

Avant / Front

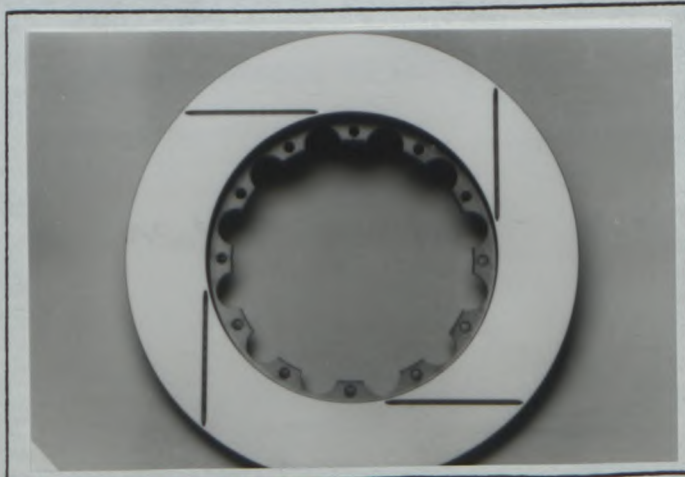


PHOTO No

Arrière / Rear



# FÉDÉRATION INTERNATIONALE DU SPORT AUTOMOBILE

ONS Oberste Nationale Sportkommission für den Automobilsport in Deutschland GmbH

Homologation Nr.

**A-5477**

Nachtrag Nr.  
Extension Nr.

**01/01V0**

Gruppe:           A            
group

Nachtrag zum offiziellen Testblatt der FISA  
Form of extension to the official FISA-Homologation

- |  |   |
|--|---|
| <input type="checkbox"/> ET Normale Weiterentwicklung des Typs:<br>Normal evolution of the type: | <input checked="" type="checkbox"/> VO Ausstattungsvariante<br>Option variant |
| <input type="checkbox"/> ES Soortevolution<br>Sporting evolution                                 | <input type="checkbox"/> ER Berichtigung<br>Erratum                           |
| <input type="checkbox"/> VF Liefervariante<br>Supply variant                                     |   |

Hersteller:           GM Europe            
Manufacturer

Modell und Typ:           OPEL/Vauxhall            
Model and type           Calibra-A Turbo 4x4          

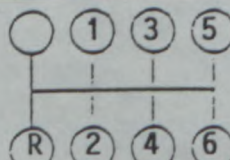
Homologation gültig ab: \_\_\_\_\_  
Homologation valid as from

Seite od. Nachtrag Page or ext.	Artikel Art.	Beschreibung Description
------------------------------------	-----------------	-----------------------------

603 e) Rapports  
Ratios

	Manuelle Manual			
	nombre de dents number of teeth	rapport ratio	constant	synchro
1	41:12	3.417		x
2	35:14	2.500		x
3	33:17	1.941		x
4	31:20	1.550		x
5	30:23	1.304		x
6	25:23	1.087		x
AR / R	$\frac{15}{13} \times \frac{35}{15}$	2.692		x
Constante Constant				

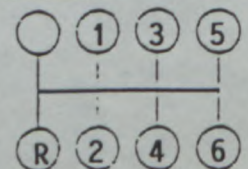
η) Grille de vitesses  
Gear change gate



e) Rapports  
Ratios

	Manuelle Manual			
	nombre de dents number of teeth	rapport ratio	constant	synchro
1	40:13	3.077		x
2	35:15	2.333		x
3	31:17	1.824		x
4	31:21	1.476		x
5	29:23	1.261		x
6	28:27	1.037		x
AR / R	$\frac{15}{13} \times \frac{35}{15}$	2.692		
Constante Constant				

η) Grille de vitesses  
Gear change gate



Marque  
Make

GM Europe

Modèle OPEL/Vauxhall

Model

Calibra-A Turbo 4x4

Homologation No.

A-5477

Extension No.

01/01V0

Page ou ext. Page or ext.	Article Article	Description Description
	605	Additional final drives : Zusätzliche Achsübersetzungen :
		(b)                      (c)                      (b)                      (c)
	2.55	51:20                      4.79                      67:14
	2.65	53:20                      4.85                      63:13
	2.74	52:19                      4.92                      64:13
	2.84	54:19                      5.00                      55:11
	2.94	53:18                      5.09                      56:11
	3.06	55:18                      5.18                      57:11
	3.18	54:17
	3.29	56:17
	3.44	55:16
	3.56	57:16
	3.73	56:15
	3.74	71:19
	3.87	58:15
	3.94	71:18
	4.07	57:14
	4.19	67:16
	4.20	63:15
	4.21	59:14
	4.50	63:14
	4.67	56:12
		Zusätzliche Übersetzung/Additional ratios
		(b)                      (c)
		3.27                      36:11
		3.77                      49:13
		3.85                      50:13
		4.0                      48:12
		4.08                      49:12
		4.17                      50:12
		4.55                      50:11



Marque GM Europe  
 Make

Modèle OPEL/Vauxhall  
 Model Calibra-A Turbo 4x4

Homologation No.

**A - 5 4 7 7**

Extension No

**01/01V0**

FICHE D'HOMOLOGATION VO POUR FREINS A DISQUE (à utiliser avec première page de " Fiche d'Extension d'Homologation ")  
 VO HOMOLOGATION FORM FOR DISC BRAKES (to be used with first page of " Form of Homologation Extension ")

803. Freins :  
 Brakes :

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

e1) Alésage  
 Bore

g) Freins à disques :  
 Disc brakes :

g1) Nombre de plaquettes par roue  
 Number of pads per wheel

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

g3) Matériau des étriers  
 Calliper material

g4) Epaisseur du disque neuf  
 Thickness of new disc

g5) Diamètre extérieur du disque  
 External diameter of the disc

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

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

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

g9) Disques ventilés  
 Ventilated discs

	Avant / Front	Vorn/ <del>XXXXXXXX</del> Front								
e)	<u>4</u>	<u>4</u>								
e1)	<u>30.0 bis/to 50.0</u> mm	<u>30.0 bis/to 50.0</u> mm								
g1)	<u>2</u>	<u>2</u>								
g2)	<u>1</u>	<u>1</u>								
g3)	<u>Aluminium Alloy</u>	<u>Aluminium Alloy</u>								
g4)	<u>19 bis/to 36.5</u> +/- 1 mm	<u>19 bis/to 36.5</u> +/- 1 mm								
g5)	<u>330.0</u> +/- 1.5 mm	<u>325.0</u> +/- 1.5 mm								
g6)	<u>330.0</u> +/- 1.5 mm	<u>325.0</u> +/- 1.5 mm								
g7)	<u>225.0</u> +/- 1.5 mm	<u>225.0</u> +/- 1.5 mm								
g8)	<u>133.0</u> +/- 1.5 mm	<u>133.0</u> +/- 1.5 mm								
g9)	<table border="1"> <tr> <td>oui</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>yes</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	oui	<input checked="" type="checkbox"/>	yes	<input checked="" type="checkbox"/>	<table border="1"> <tr> <td>oui</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>yes</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	oui	<input checked="" type="checkbox"/>	yes	<input checked="" type="checkbox"/>
oui	<input checked="" type="checkbox"/>									
yes	<input checked="" type="checkbox"/>									
oui	<input checked="" type="checkbox"/>									
yes	<input checked="" type="checkbox"/>									

PHOTO No

Avant / Front

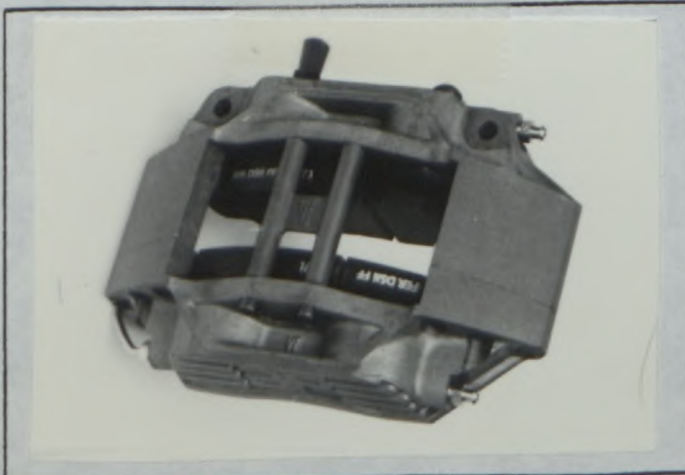


PHOTO No

Arrière / Rear

siehe/see Photos 27/28/29



Marque / Make: GM Europe

Modèle / Model: OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No.: **A - 5477**  
 Extension No.: **01/01V0**

FICHE D'HOMOLOGATION VO POUR FREINS A DISQUE (à utiliser avec première page de " Fiche d'Extension d'Homologation ")  
 VO HOMOLOGATION FORM FOR DISC BRAKES (to be used with first page of " Form of Homologation Extension ")

803. Freins :  
 Brakes :

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

e1) Alésage  
 Bore

g) Freins à disques :  
 Disc brakes :

g1) Nombre de plaquettes par roue  
 Number of pads per wheel

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

g3) Matériau des étriers  
 Calliper material

g4) Epaisseur du disque neuf  
 Thickness of new disc

g5) Diamètre extérieur du disque  
 External diameter of the disc

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

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

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

g9) Disques ventilés  
 Ventilated discs

	Avant / Front	Arrière/Rear
e)	<u>6</u>	<u>4</u>
e1)	<u>25.0 bis/to 45.0</u> mm	<u>30.0 bis/to 50.0</u> mm
g1)	<u>2</u>	<u>2</u>
g2)	<u>1</u>	<u>1</u>
g3)	<u>Aluminium Alloy</u>	<u>Aluminium Alloy</u>
g4)	<u>19 bis/to 36.5</u> +/- 1 mm	<u>19 bis/to 36.5</u> +/- 1 mm
g5)	<u>355.0</u> +/- 1.5 mm	<u>295.0</u> +/- 1.5 mm
g6)	<u>355.0</u> +/- 1.5 mm	<u>295.0</u> +/- 1.5 mm
g7)	<u>263.0</u> +/- 1.5 mm	<u>203.0</u> +/- 1.5 mm
g8)	<u>152.0</u> +/- 1.5 mm	<u>113.0</u> +/- 1.5 mm
g9)	oui <input checked="" type="checkbox"/> non <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	oui <input checked="" type="checkbox"/> non <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/>



PHOTO No

Avant / Front

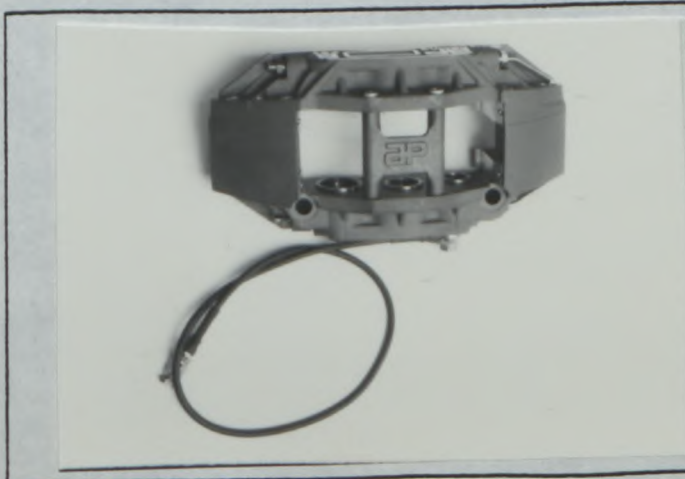
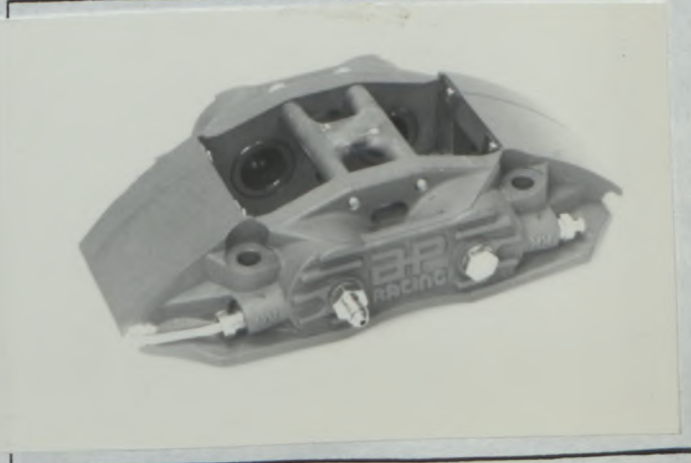


PHOTO No

Arrière / Rear





Marque  
Make

GM Europe

Modèle  
Model

Opel/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 1



PHOTO No 2



PHOTO No 3



PHOTO No 4

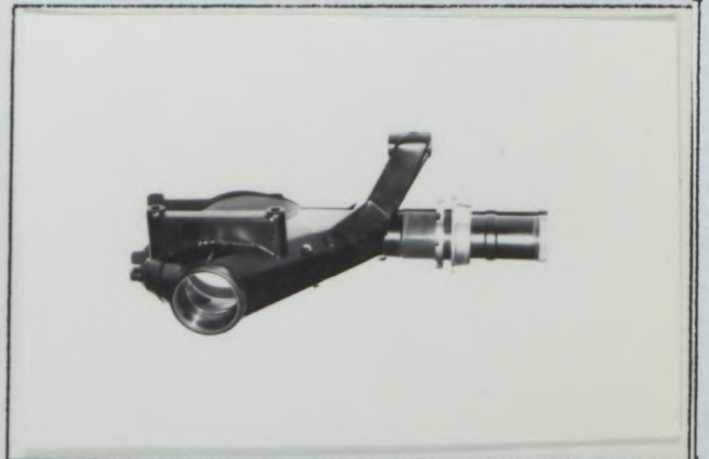


PHOTO No 5



PHOTO No 6



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 7



PHOTO No 8



PHOTO No 9

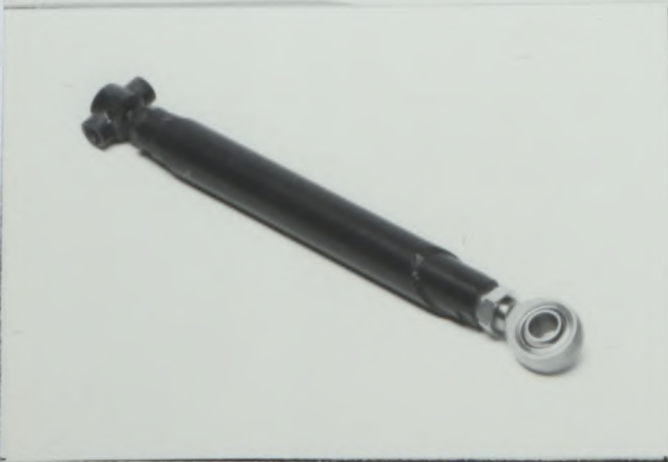


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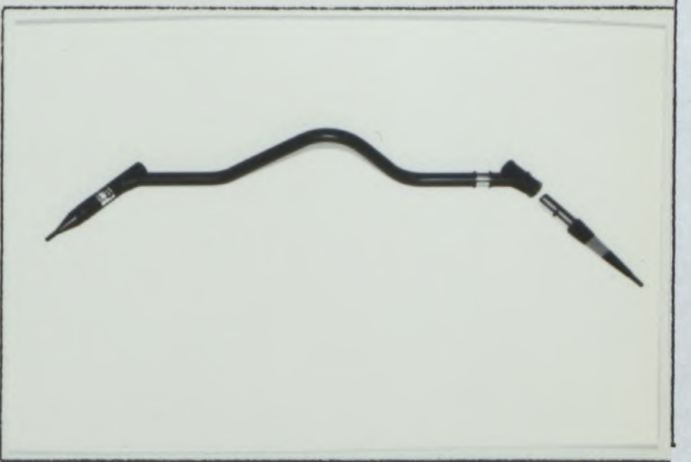


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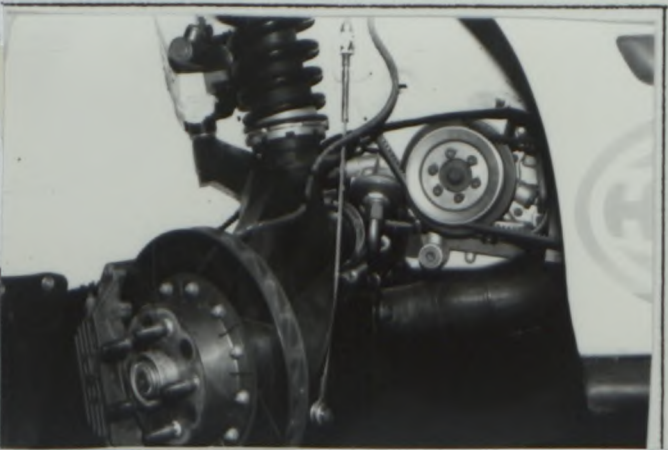
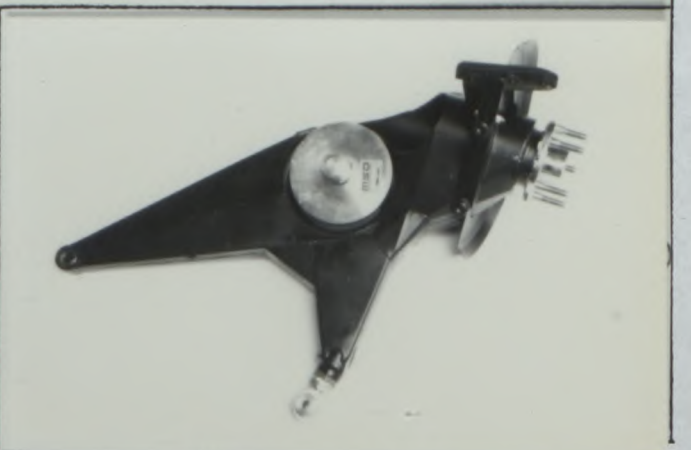


PHOTO No 12



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 13

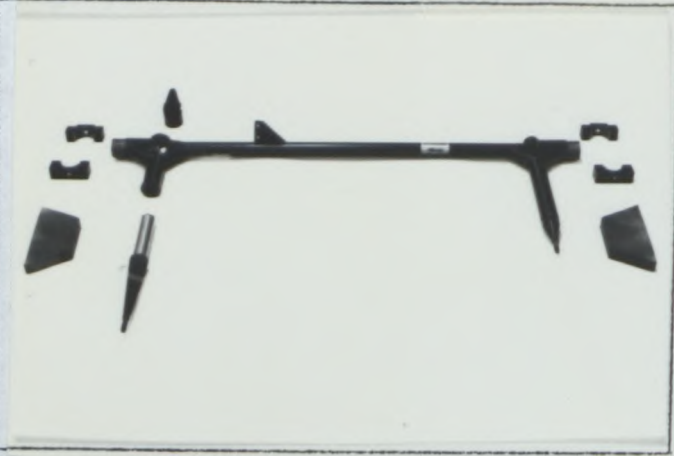


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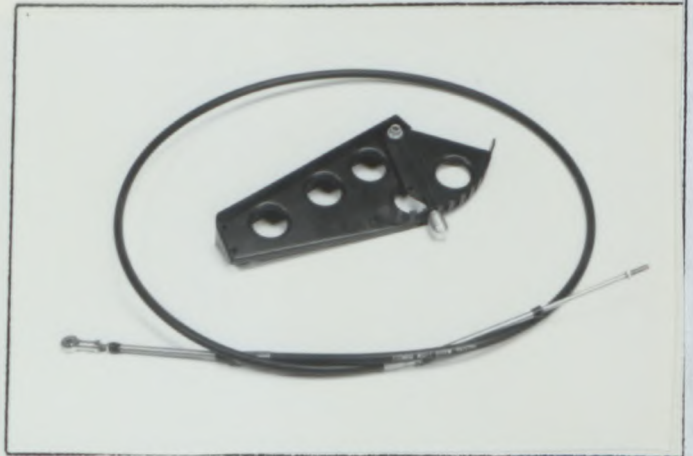


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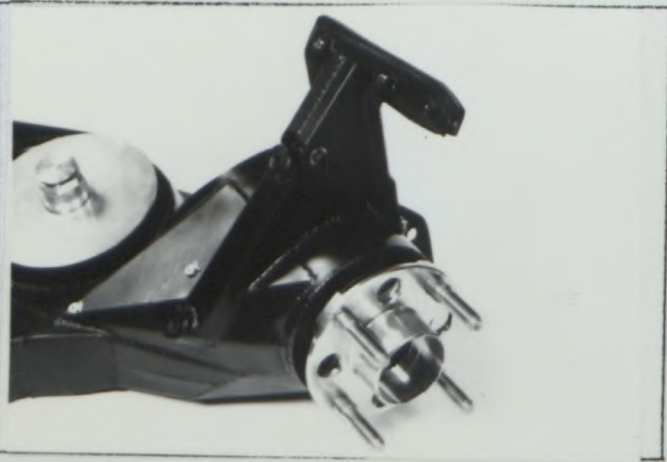


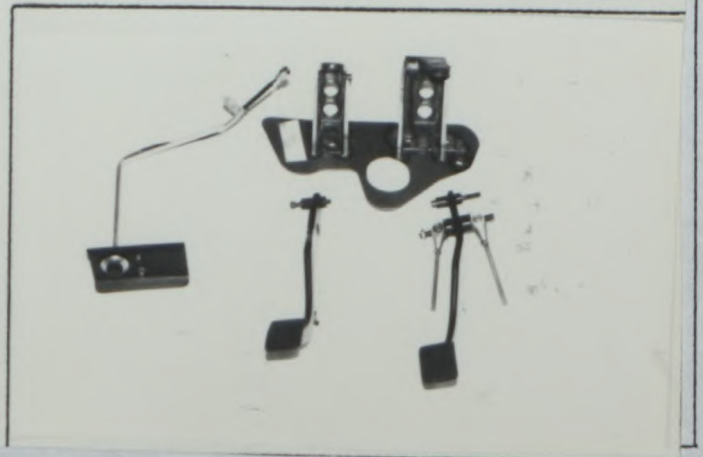
PHOTO No 16



PHOTO No 17



PHOTO No 18



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 19

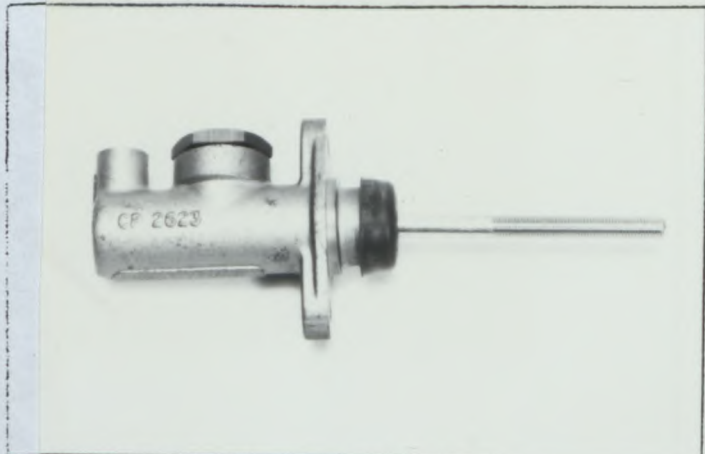


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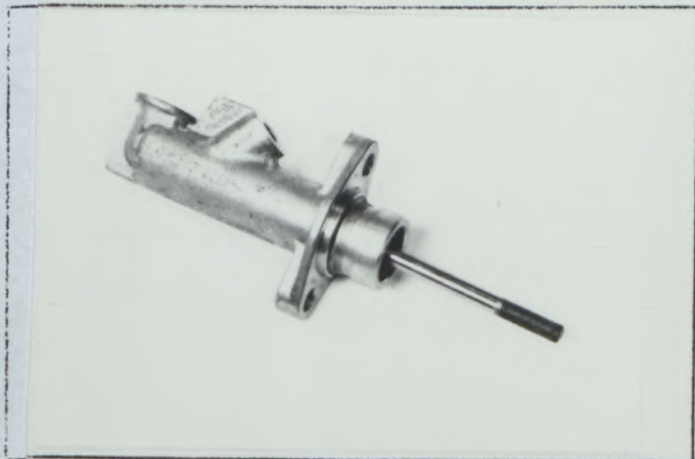


PHOTO No 22



PHOTO No 23



PHOTO No 24



Marque GM Europe  
Make

Modèle OPEL/Vauxhall  
Model Calibra-A Turbo 4x4

Homologation No  
**A-5477**

Extension No  
**01/01V0**

PHOTO No 25

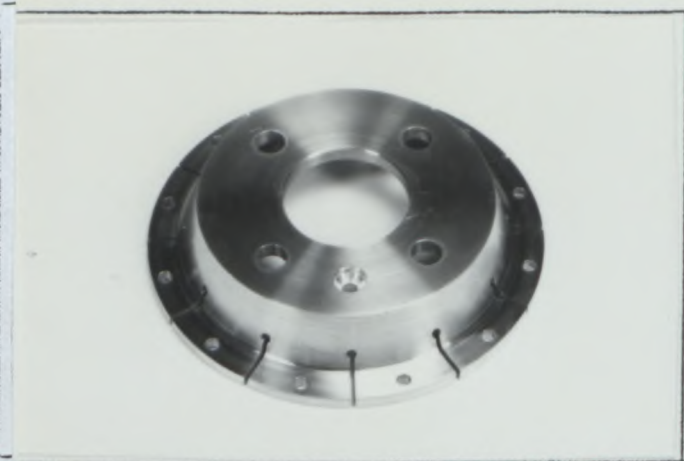


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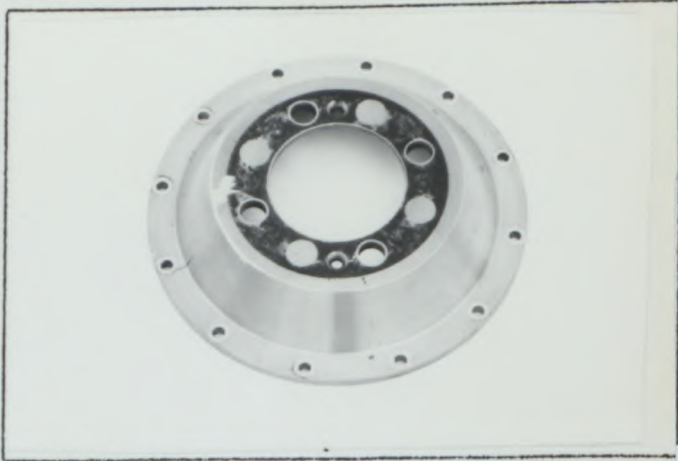


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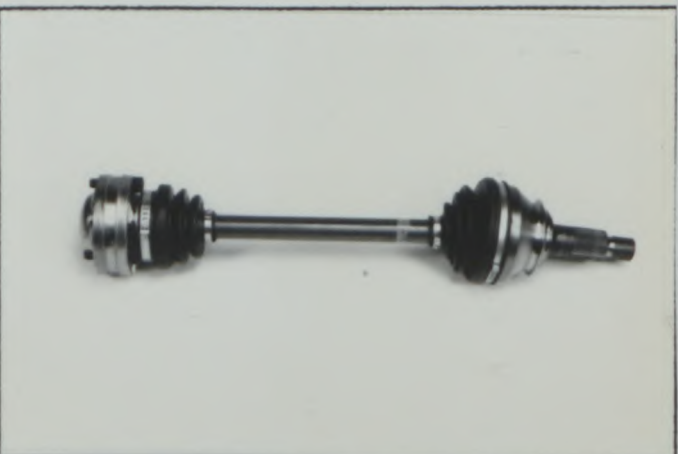
PHOTO No 28



PHOTO No 29



PHOTO No 30



Marque GM Europe  
Make

Modèle OPEL/Vauxhall  
Model Calibra-A Turbo 4x4

Homologation No  
**A-5477**

Extension No  
**01/01V0**

PHOTO No 31

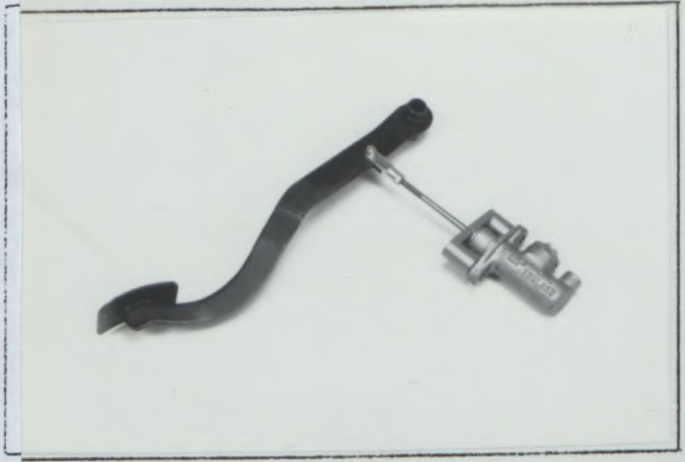


PHOTO No 32

INCLUDED IN PHOTO 75

PHOTO No 33



PHOTO No 34

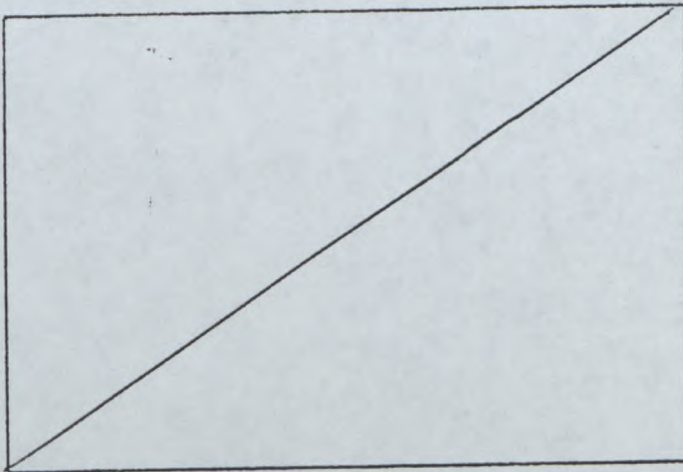
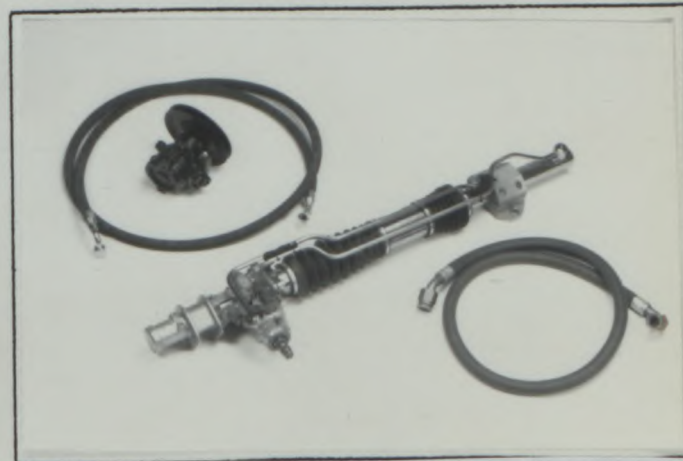


PHOTO No 35



PHOTO No 36



Marque GM Europe  
Make GM Europe

Modèle OPEL/Vauxhall  
Model Calibra-A Turbo 4x4

Homologation No  
**A-5477**

Extension No  
**01/01V0**

PI PHOTO No 37



PHOTO No 38



F PHOTO No 39



PHOTO No 40



PHOTO No 41



PHOTO No 42



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 43



PHOTO No 44



PHOTO No 45



PHOTO No 46

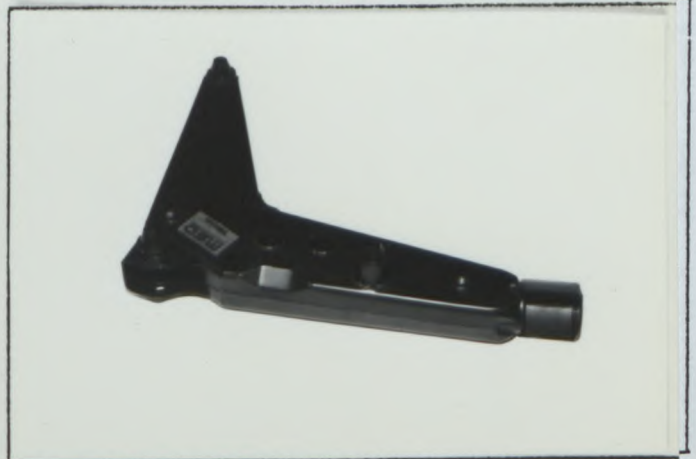


PHOTO No 47



PHOTO No 48





Marque  
Make

GM Europe

Modèle  
Model

Opel/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 49



PHOTO No 50



PHOTO No 51



PHOTO No 52



PHOTO No 54



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

F PHOTO No 55



PHOTO No 56



PHOTO No 58

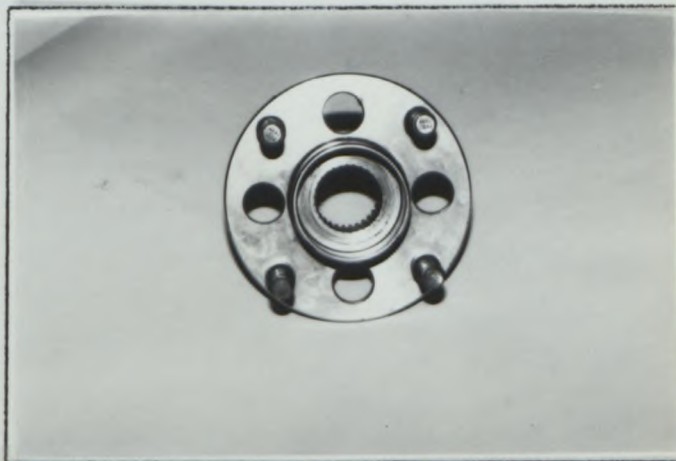


PHOTO No 59



PHOTO No 60



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

A-5477

Extension No

01/01V0

PHOTO No 61



PHOTO No 62

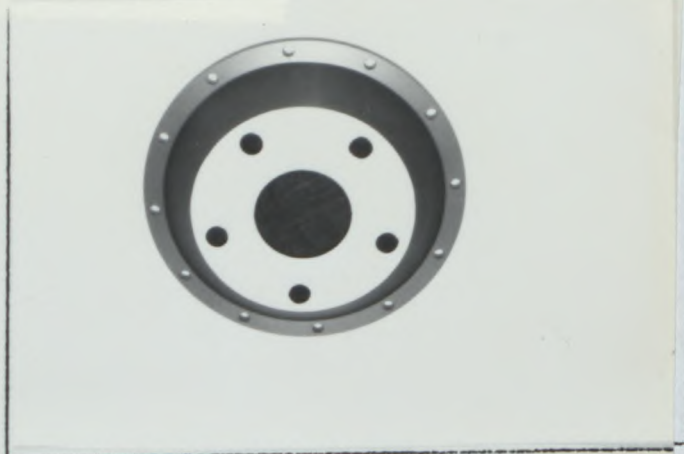


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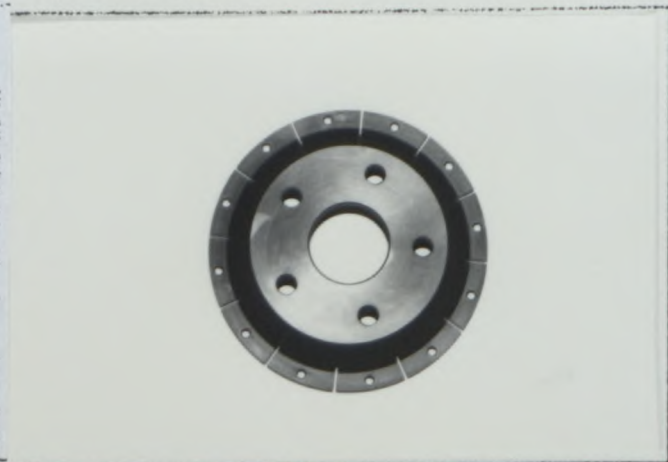


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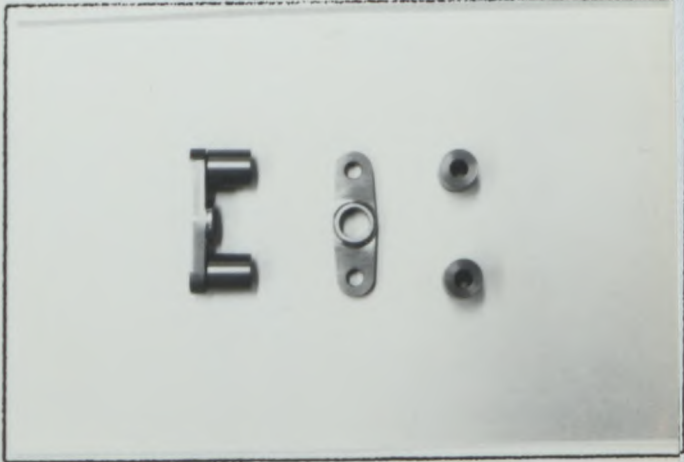


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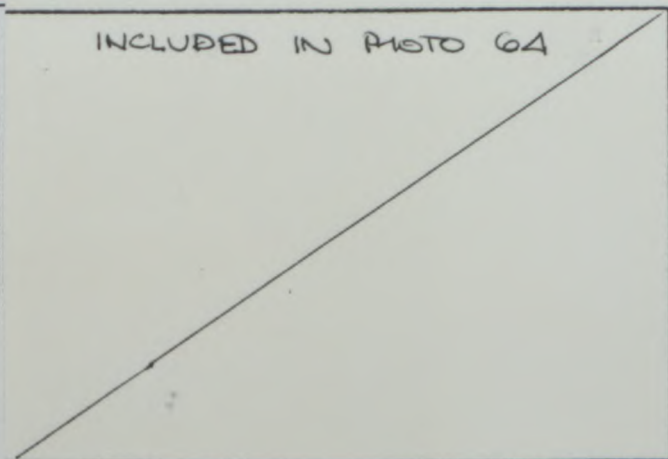
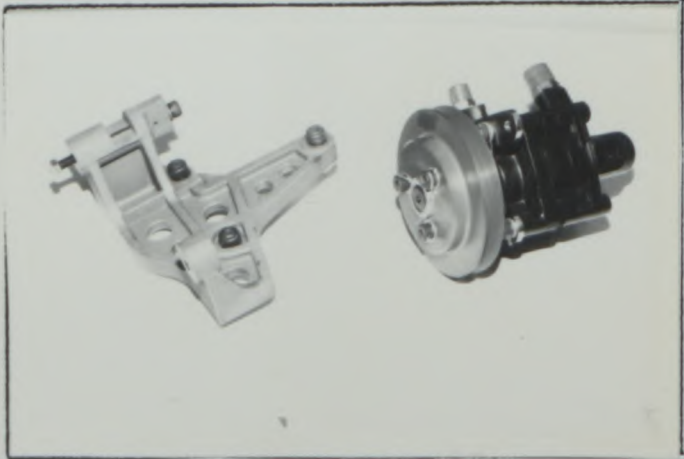


PHOTO No 66



Marque  
Make

GM Europe

Modèle  
Model

OPEL / Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 67

INCLUDED IN PHOTO 66

PHOTO No 68

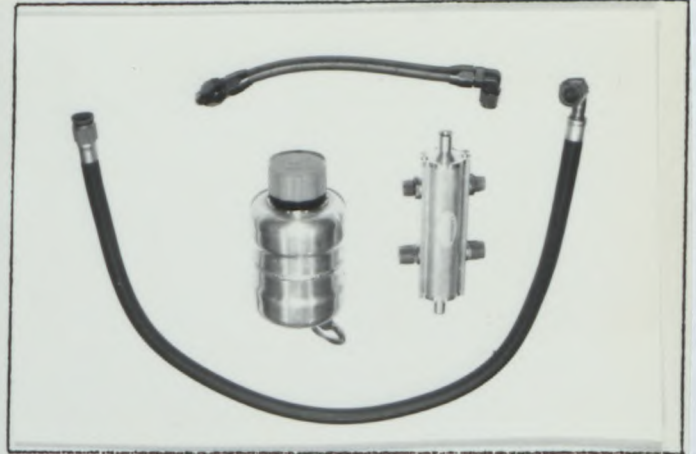


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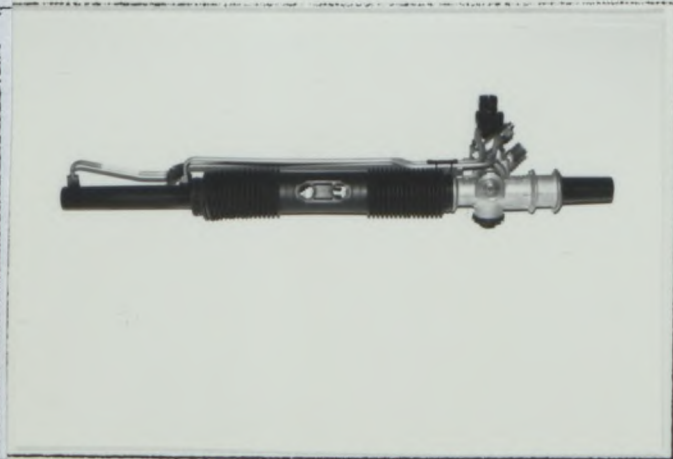


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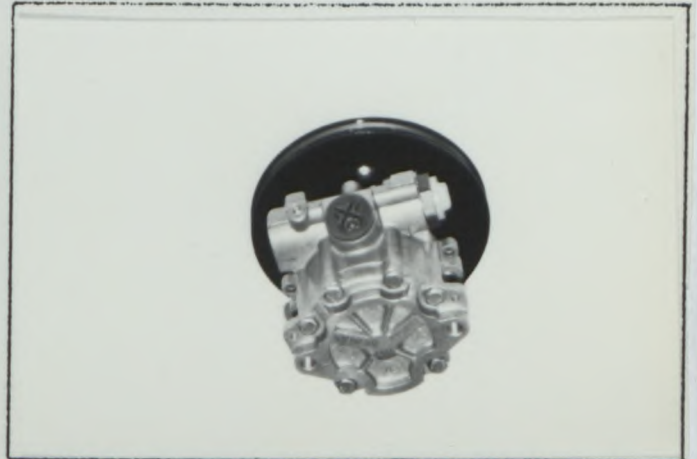


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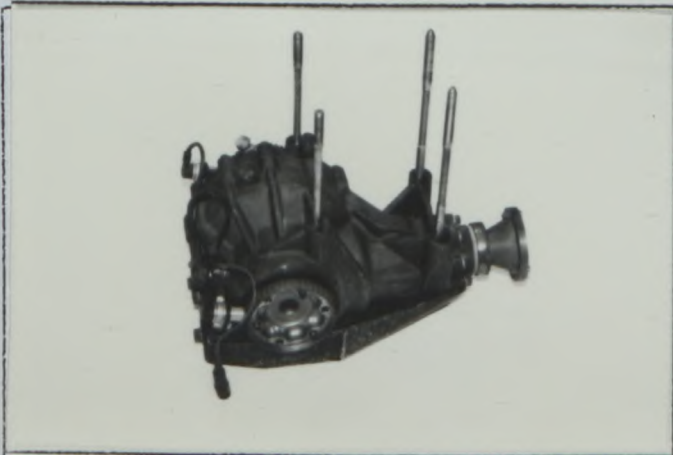
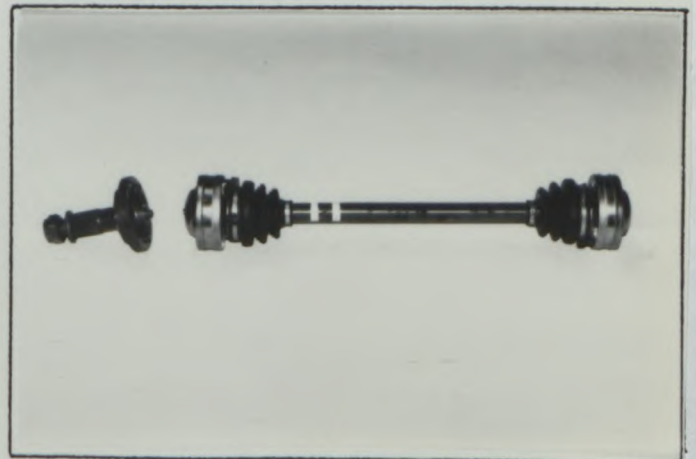


PHOTO No 72



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

Extension No

**01/01V0**

PHOTO No 73

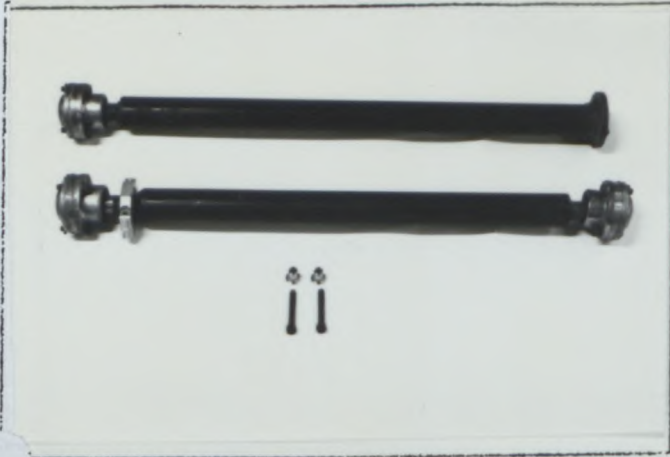


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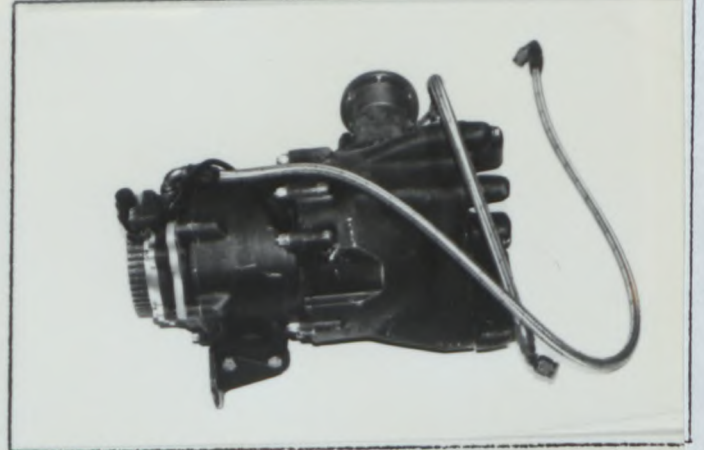


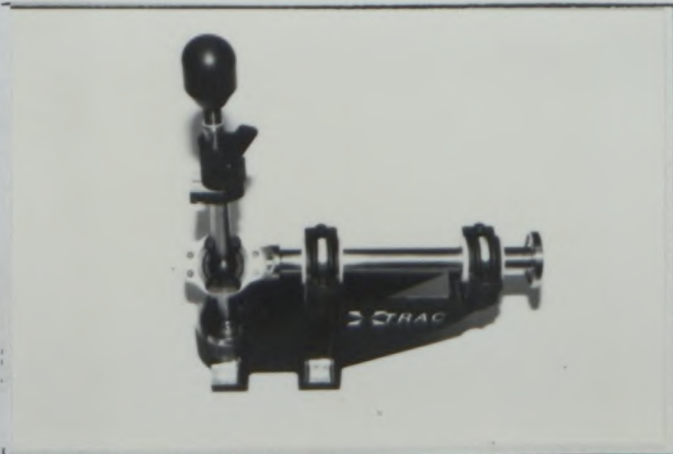
PHOTO No 75



PHOTO No 76



PHOTO No 77



Marque  
Make

GM Europe

Modèle  
Model

OPEL/Vauxhall  
Calibra-A Turbo 4x4

Homologation No

**A-5477**

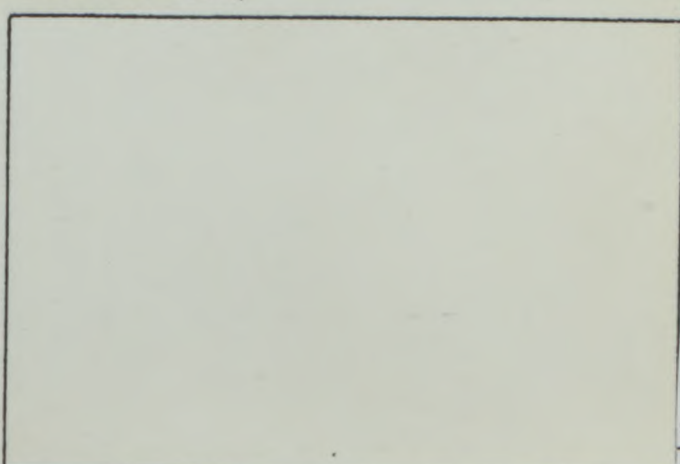
Extension No

**01/01V0**

PHOTO No 83



PHOTO No 84





**FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE**

Homologation Nr.  
Homologation No.

**A-5477**

**ONS**

*Oberste Nationale Sportkommission  
für den Automobilsport in Deutschland GmbH*

Nachtrag Nr.  
Extension No.

**02/01ER**

Gruppe **A/B/N/T**  
Group

Nachtrag zum Homologationsblatt  
Form of homologation extension

**ES** Sportevolution des Typs  
Sporting evolution of the type

**VO** Ausstattungsvariante  
Option variant

**ET** Normale Evolution des Typs  
Normal evolution of the type

**ER** Berichtigung  
Erratum

**VF** Liefervariante  
Supply variant

Fahrzeughersteller: General Motors Europe  
Vehicle Manufacturer

Modell und Typ: OPEL/Vauxhall Calibra-A  
Model and Type Turbo 4 x 4

Homologation gültig ab: 01 AVR. 1993  
Homologation valid as from

Seite oder Nachtrag Page or extension	Artikel Article	Beschreibung Description
1		Korrektur der Photos A und B / Correction of photos A and B Also valid for Gr. N Photo A Photo B
17	803	Korrektur der Photos V und W / Correction of photos V and W Also valid for Gr. N Photo V Photo W
	334	Korrektur des Photos K / Correction of photo K (Plan view of turbocharger) Also valid for Gr. N Photo K
29,30,31	803	Bremsscheiben, Bremssättel und Bremsbeläge können in jeder Kombination für vorn und/oder hinten verwendet werden/Use of every combination for front and/or rear of discs, calipers and shoes is possible. Only valid for Gr. A



Marke GM Europe  
Make

Modell OPEL/Vauxhall  
Model

Homologation Nr. A-5477  
Homologation No.

Nachtrag Nr. 02/01ER  
Extension No.

Foto Nr. **A**  
Photo No.



Foto Nr. **B**  
Photo No.



Foto Nr. **V**  
Photo No.



Foto Nr. **W**  
Photo No.

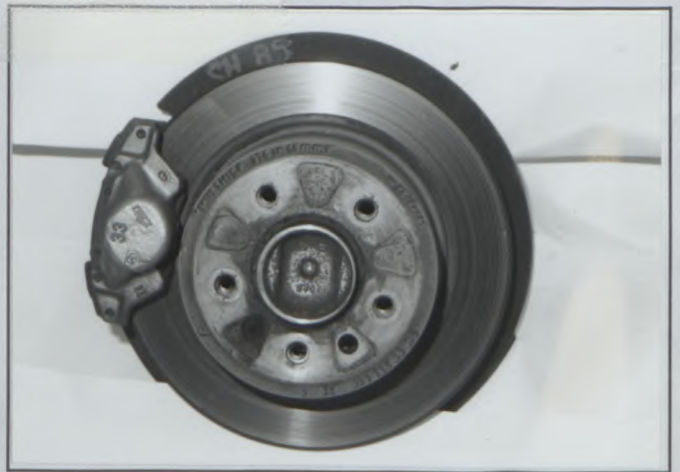


Foto Nr. **K**  
Photo No.

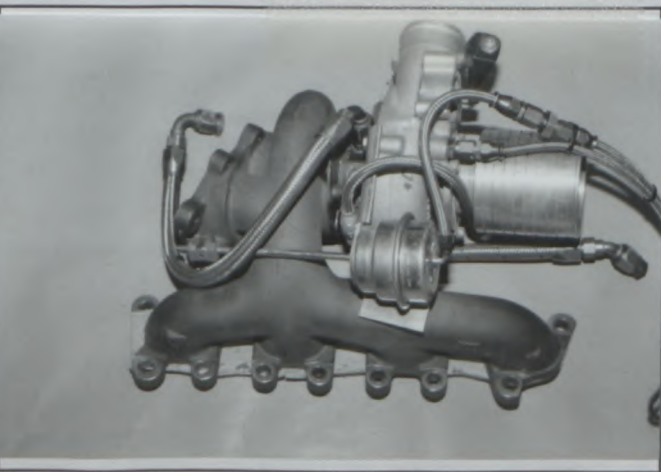
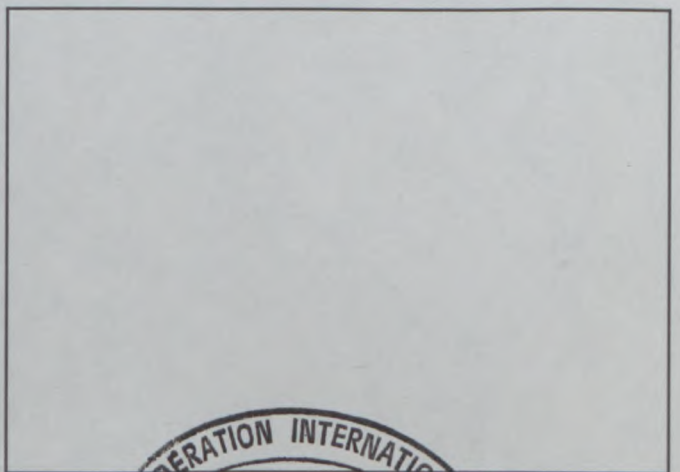


Foto Nr.   
Photo No.







FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE

Homologation Nr.  
Homologation No.

A - 5477

ONS

Oberste Nationale Sportkommission  
für den Automobilsport in Deutschland GmbH

Nachtrag Nr.  
Extension No.

03/02VO

Gruppe  
Group **A/B/X/V**

Nachtrag zum Homologationsblatt  
Form of homologation extension

**ES** Sportevolution des Typs  
Sporting evolution of the type

**VO** Ausstattungsvariante  
Option variant

**ET** Normale Evolution des Typs  
Normal evolution of the type

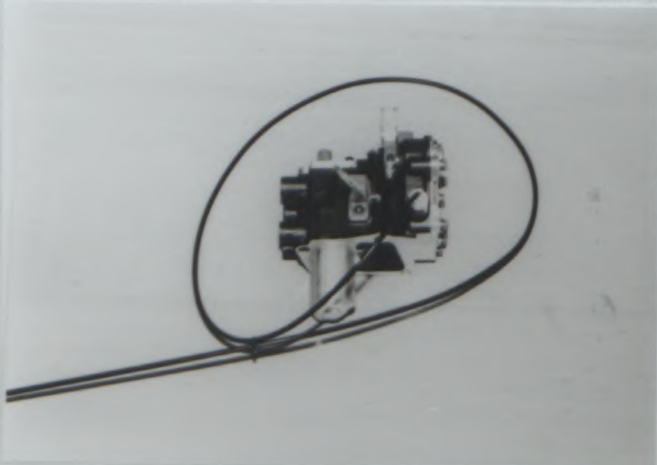
**ER** Berichtigung  
Erratum

**VF** Liefervariante  
Supply variant

Fahrzeughersteller: General Motors Europe  
Vehicle Manufacturer

Modell und Typ: Opel/Vauxhall Calibra-A Turbo 4x4  
Model and Type

Homologation gültig ab: 01 AVR. 1994  
Homologation valid as from

Seite oder Nachtrag Page or extension	Artikel Article	Beschreibung Description
	603	Wahlweise Xtrac TXV sequentielles Schaltsystem / Optional Xtrac TXV sequential gearshift pattern; Rev. - 1st - N - 2nd - 3rd - 4th - 5th - 6th
	603	Wahlweise Xtrac TXV sequentielle Schaltkonsole / Optional Xtrac TXV sequential gearshift turret detail
		Photo
		

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



FEDERATION INTERNATIONALE  
DU SPORT AUTOMOBILE

Homologations No

N - 5 4 7 7

ONS

Oberste Nationale Sportkommission für den Automobilsport in Deutschland GmbH

Zusatzblatt für die Homologation in **Gruppe N**  
Complementary homologation form for Group „N“

Fahrzeughersteller General Motors Europe  
Vehicle: Manufacturer

Modell und Typ OPEL/Vauxhall Calibra-A  
Model and Type Turbo 4 x 4

Homologation gültig ab 01 JAN. 1993  
Homologation valid as from

Wichtig:

Dieses Blatt enthält alle in Ergänzung zum Homologationsblatt der Gruppe A notwendigen Angaben für die Homologation des Fahrzeugs in Gruppe N. Sind bei einem Punkt unterschiedliche Angaben vorhanden, so wird für die Gruppe N nur die in dem vorliegenden Ergänzungsblatt enthaltene Angabe berücksichtigt.

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

1. Allgemeines  
General

103. Gesamthubraum 1998 ccm Einstufungshubraum 1998 x 1.7 = 3396.6 ccm  
Corrected cylinder capacity

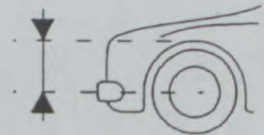
2. Abmessungen/Gewichte  
Dimensions, weights

201. Mindestgewicht 1189 kg  
Minimum weight

205. Mindesthöhe zwischen Radnabenmitte und Kotflügelausschnitt  
Minimum height center hub/wheel arch opening

Vorn 344 mm  
Front

Hinten 351 mm  
Rear



207. Max. Spurweite a) Vorn 1426 mm b) Hinten 1446 mm  
Maximum track Front Rear



**3. Motor**  
Engine

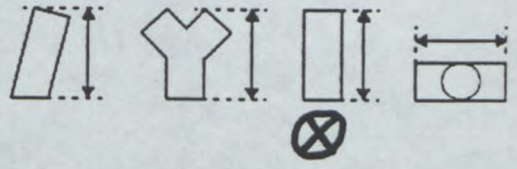
302. Anzahl der Lager 3 308. Mindestgesamtvolumen eines Verbrennungsraumes 58.94 ccm  
Number of supports Total minimum volume of a combustion chamber

309. Mindestgesamtvolumen eines Verbrennungsraumes im Zylinderkopf 43.0 ccm  
Minimum volume of a combustion chamber in the cylinderhead

310. Maximales Verdichtungsverhältnis 9.5 : 1  
Maximum compression ratio (in relation with the unit)

311. Mindesthöhe des Zylinderblocks 270.85 mm In Übereinstimmung mit Zeichnung:  
Minimum height of the cylinder block according to drawing:

313. Laufbuchsen b) Material ./.  
Sleeves Material



317. Kolben a) Material Leichtmetall/Light alloy  
Piston Material

b) Anzahl der Kolbenringe 3 c) Mindestgewicht 434 g  
Number of rings Minimum weight

d) Entfernung zwischen der Kolbenbolzenachse und Kolbenoberkante 30.43 ± 0,1 mm  
Distance from gudgeon pin center line to highest point of piston crown

e) Entfernung zwischen der Kolbenoberkante bei OT und der Zylinderblockoberkante 0.65 ± 0,15 mm  
Distance (+ / -) between the top of the piston at TDC and the gasket plane of the cylinderblock

f) Volumen der Kolbenmulde 13.22 ± 0,5 ccm  
Piston groove volume

AA) Kolben/Piston



319. Kurbelwelle i) Maximaler Durchmesser der Lagerzapfen 49.0 mm  
Crankshaft Maximum diameter of crank pins

321. Zylinderkopf c) Mindesthöhe 135.45 mm  
Cylinderhead Minimum height

d) Meßpunkt Dichtfläche Zylinderkopf bis Dichtfläche Ventildeckel /  
Where measured Surface of head gasket to surface of valve cover gasket

322. Stärke der angezogenen Zylinderkopfdichtung 1.2 ± 0,2 mm  
Thickness of the tightened cylinderhead gasket



325. Nockenwelle e) Durchmesser der Lager 28.0 ± 0.1 mm  
Camshaft Diameter of bearings

g) Abmessungen des Nockens  
Cam dimensions

Einlaß  
Inlet

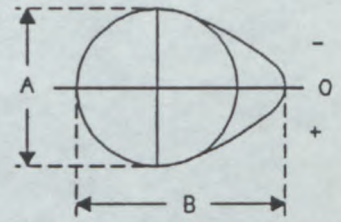
A = 34.0 ± 0,1 mm

B = 42.5 ± 0,1 mm

Auslaß  
Exhaust

A = 34.0 ± 0,1 mm

B = 42.5 ± 0,1 mm



326. Steuerzeiten  
Timing

a) Theoretisches Ventilspiel  
Theoretical clearance for valve timing

Einlaß 0 mm  
Intake

Auslaß 0 mm  
Exhaust

d) Nockenhub in mm (bei ausgebauter Nockenwelle)  
Cam lift in mm (dismounted camshaft)

Zeichnung Art. 325  
(dessin/drawing art 325)

Einlaß / Intake				Auslaß / Exhaust			
Drehwinkel in Grad Rotation angle in degrees	Hub in mm (± 0,2 mm) Lift in mm (+/- 0.2 mm)	Drehwinkel in Grad Rotation angle in degrees	Hub in mm (± 0,2 mm) Lift in mm (+/- 0.2 mm)	Drehwinkel in Grad Rotation angle in degrees	Hub in mm (± 0,2 mm) Lift in mm (+/- 0.2 mm)	Drehwinkel in Grad Rotation angle in degrees	Hub in mm (± 0,2 mm) Lift in mm (+/- 0.2 mm)
0	8.5		8.5	0	8.5		8.5
- 5	8.4	+ 5	8.4	- 5	8.4	+ 5	8.4
- 10	8.2	+ 10	8.2	- 10	8.2	+ 10	8.2
- 15	7.7	+ 15	7.7	- 15	7.7	+ 15	7.7
- 30	5.6	+ 30	5.5	- 30	5.6	+ 30	5.5
- 45	2.4	+ 45	2.2	- 45	2.4	+ 45	2.2
- 60	0.1	+ 60	0.0	- 60	0.1	+ 60	0.0
- 75	0.0	+ 75		- 75	0.0	+ 75	
- 90		+ 90		- 90		+ 90	
- 105		+ 105		- 105		+ 105	
- 120		+ 120		- 120		+ 120	
- 135		+ 135		- 135		+ 135	
- 150		+ 150		- 150		+ 150	

Über den gesamten Meßbereich gilt eine Toleranz von ± 2 Grad.  
A shift of +/- 2 degrees of the whole measurement is accepted.

e) Maximaler Ventilhub  
Maximum valve lift

	Maximaler Ventilhub Maximum valve lift
Einlaß / Intake	<u>8.5</u> ± 0,2 mm
Auslaß / Exhaust	<u>8.5</u> ± 0,2 mm

Mit dem Ventilspiel gemäß Art. 326.a  
with clearance according to Art. 326.a



327. Einlaß h) Anzahl der Federn je Ventil 1  
 Intake Number of springs per valve

i) Federkennung:  
 Spring characteristics:

Bei einer Belastung von 270 ± 18N kg, beträgt die maximale Federlänge 34.0 mm  
 Under a load of kg, the max. length of the spring is

k) Außendurchmesser der Federn 27.8 ± 0.2 mm l) Anzahl der Federwindungen 6.1  
 External diameter of the springs Number of spring coils

m) Durchmesser des Federdrahts 3.8 ± 0.1 mm n) Max. freie Länge der Federn 41.8 mm  
 Diameter of spring wire Maximum free length of the springs

328. Auslaß i) Anzahl der Federn je Ventil 1  
 Exhaust Number of springs per valve

k) Federkennung:  
 Spring characteristics:

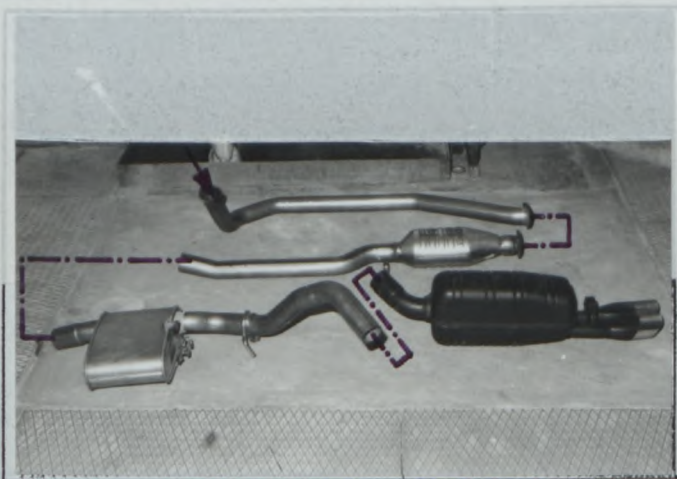
Bei einer Belastung von 270 ± 18N kg, beträgt die maximale Federlänge 34.0 mm  
 Under a load of kg, the max. length of the spring is

l) Außendurchmesser der Federn 27.8 ± 0.2 mm m) Anzahl der Federwindungen 6.1  
 External diameter of the springs Number of spring coils

n) Durchmesser des Federdrahts 3.8 ± 0.1 mm o) Max. freie Länge der Federn 41.8 mm  
 Diameter of spring wire Maximum free length of the springs

p) Durchmesser des Rohres zwischen Auslaßkrümmer und erstem Geräuschkämpfer (Katalysator) 60 mm ± 5 %  
 Diameter of pipe between manifold and first silencer

BB) Komplette Abgasanlage  
 Complete exhaust system



329. Abgasentgiftung a)  ja  nein  
 Anti pollution system yes no

b) Beschreibung Wahlweise : Mit Katalysator / with catalytic convertor  
 Description

With : 3-way catalytic converter with oxygen sensor / 3-Wege  
Katalysator mit Lamdaregelung



**Turbo 4 x 4**

330. Zündung a) Art Motronic M 2.7 mit Ladedruck- und Klopfregelung/Motronic M 2.7  
Ignition system Type with charging pressure and knock control

d) Anzahl der Zündspulen 1  
Number of coils

331. Kühlsystem Kapazität 7.5 L  
Cooling system Capacity

332. Kühlventilator a) Anzahl 1 b) Durchmesser des Flügels 366.0 mm  
Cooling fan Number Diameter of the screw

c) Material des Flügels Kunststoff/Plastic d) Anzahl der Blätter 5  
Material of the screw Number of blades

e) Typ des Antriebs Elektrisch/Electrical f) Automatische Zuschaltung 

ja	nein
yes	no

  
Type of drive Automatic cut in

333. Schmiersystem c) Gesamtkapazität 4.5 L d) Ölkühler 

ja	nein
yes	no

 Anzahl 1  
Lubrication system Total capacity Oil cooler(s) Number

e) Lage des / der Ölkühler(s) Vor dem Wasserkühler/in front of the radiator  
Location of the cooler(s)

f) Typ des / der Ölkühler(s) Lamellenkühler / Ribbed radiator  
Type of the cooler(s)



**4. Kraftstoffanlage**

Fuel circuit

401. Kraftstoffbehälter d) Gesamtkapazität 67.5 L  
 Fuel tank Total capacity


e) Lage der Einfüllöffnungen Hintere rechte Seitenwand/Right rear quarter panel  
 Filler holes location

402. Kraftstoffpumpe/n a) 

elektrisch electrical	<del>mechanisch mechanical</del>
--------------------------	--------------------------------------

 b) Anzahl 1  
 Fuel pump(s) Number

c) Marke und Typ GM/Bosch Rollenzellenpumpe/ d) Lage Vor dem Tank / Before fuel tank  
 Make and type Roller cell pump Location

e) Maximale Durchflußmenge 3.0 L / min. bei 12000   
 Maximum flow L / mn at

**5. Elektrische Ausrüstung**

Electrical equipment

501. Batterie(n) c) Lage Im Motorraum / Engine compartment  
 Battery(ies) Location


502. Lichtmaschine(n) a) Anzahl 1 b) Typ Drehstrom / Three phase current  
 Generator(s) Number Type

c) Antriebssystem Poly V-Riemen / V-ribbed belt  
 Drive system

d) Nennleistung 840 Watt  
 Nominal power watts

503. Versenkbare Scheinwerfer a) 

<del>ja</del> yes	nein no
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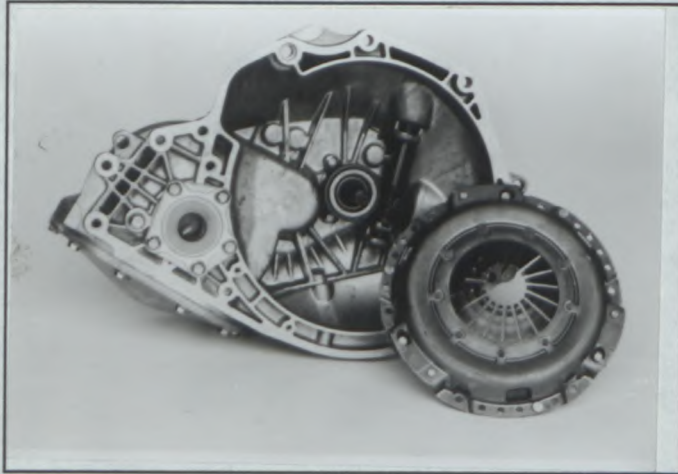
 b) Betätigungssystem   
 Retractable headlights Control system



**6. Kraftübertragung**  
 Power train

602. Kupplung a) Typ Trocken / Dry d) Durchmesser der Scheibe(n) 228.0 ± 2 mm  
 Clutch Type Diameter of the plate(s)

CC) Kupplung  
 Clutch



603. Getriebe  
 Gearbox

h) Ölkühler  ja  nein Typ ./.  
 Oil cooler no Type

604. Verteilergetriebe / Zentraldifferential:  
 Transfer box / Central differential

e) Drehmomentverteilung: e1) Vorn Variabel % Hinten Variabel %  
 Torque distribution: Front Rear  
 e2) Anzahl der Zähne ./.  
 Number of teeth  
 f) Typ des Zentral-Sperrdifferentials ./.  
 Type of central differential limitation

605. Antriebsachse  
 Final drive

d) Art des Sperrdifferentials  
 Type of differential limitation

f) Ölkühler  
 Oil cooler

Typ  
 Type

	Vorn Front	Hinten Rear
d) Art des Sperrdifferentials	<u>./.</u>	<u>./.</u>
f) Ölkühler	<input checked="" type="checkbox"/> ja <input type="checkbox"/> nein	<input checked="" type="checkbox"/> ja <input type="checkbox"/> nein
Typ	<u>./.</u>	<u>./.</u>





**7. Radaufhängung**  
 Suspension

702. Schraubenfedern  
 Helical springs

a) Material  
 Material

Vorn Front	Hinten Rear
<u>Federstahl/Spring steel</u>	<u>Federstahl/Spring steel</u>

703. Blattfedern  
 Leaf springs

a) Material des Hauptfederblattes  
 Material of main leaf













Material des 2. Federblattes  
 Material of 2nd leaf

Material des 3. Federblattes  
 Material of 3rd leaf

Material des 4. Federblattes  
 Material of 4th leaf

Material des 5. Federblattes  
 Material of 5th leaf

Material der Zusatzfeder  
 Material of auxiliary leaf

Vorn Front	Hinten Rear
	
	
	
	
	
	

704. Drehstab  
 Torsion bars

c) Material  
 Material

Vorn Front	Hinten Rear
<u>Federstahl/Spring steel</u>	<u>Federstahl/Spring steel</u>



Marke General Motors Europe  
Make

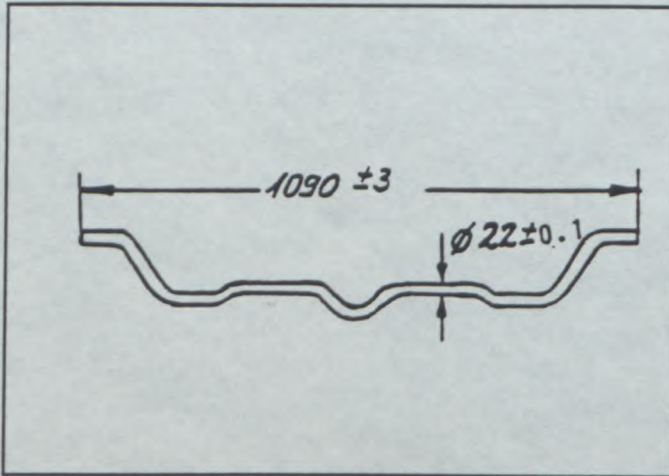
Modell OPEL/Vauxhall Calibra-A  
Model Turbo 4 x 4

Homologation Nr. N - 5 4 7 7  
Homologation No.

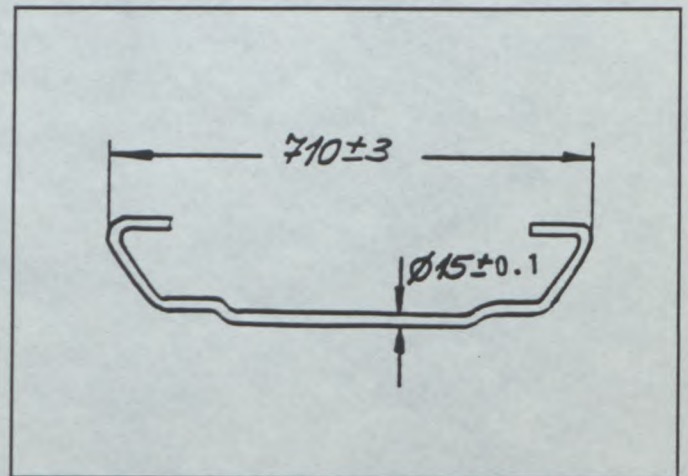
706. Stabilisator  
Stabiliser

	Vorn Front	Hinten Rear
a) Effektive Länge Effective length	<u>1090.0</u> mm $\pm 1\%$	<u>710.0</u> mm $\pm 1\%$
b) Effektiver Durchmesser Effective diameter	<u>22.0 <math>\pm 0.1</math></u> mm	<u>15.0 <math>\pm 0.1</math></u> mm
c) Material Material	<u>Federstahl/Spring steel</u>	<u>Federstahl/Spring steel</u>

XI) Zeichnung oder Foto des Stabilisators vorne  
Drawing or photo of front stabiliser



XI) Zeichnung oder Foto des Stabilisators hinten  
Drawing or photo of rear stabiliser



Marke General Motors Europe / Model: OPEL/Vauxhall Calibra-A Homologation Nr. \_\_\_\_\_  
 Make \_\_\_\_\_ / \_\_\_\_\_ Homologation No. \_\_\_\_\_  
 Turbo 4 x 4

8. Fahrwerk  
 Running gear

801. Räder  
 Wheels

	Vorn Front	Hinten Rear	Reserverad Spare
a) Durchmesser Diameter	<u>16.0</u> Zoll	<u>16.0</u> Zoll	<u>16.0</u> Zoll
	<u>406.40</u> mm	<u>406.40</u> mm	<u>406.40</u> mm
b) Breite (Felgeninnweite) Width	<u>6.0</u> Zoll	<u>6.0</u> Zoll	<u>6.0</u> Zoll
	<u>152.40</u> mm	<u>152.40</u> mm	<u>152.40</u> mm

802. Lage des Reserverades Im Kofferraum / In the boot compartment  
 Location of the spare wheel

EE) Anordnung des Reserverades  
 Spare wheel in its location



**9. Karosserie**  
 Bodywork

901. Innen  
 Interior

c) Klimaanlage  ja  nein  
 Air conditioning yes no

d) Sitze  
 Seats

d1) Typ der Rücksitze Sitzbank / Bench  
 Type of rear seats

Vorn Front	Hinten Rear
<input type="checkbox"/> ja <input checked="" type="checkbox"/> nein yes no	<input checked="" type="checkbox"/> ja <input type="checkbox"/> nein yes no

d2) Kopfstütze  
 Headrest

d4) Umklappbare Rücksitze  ja  nein  
 Rear seat can be folded yes no

e) Hutablage  
 Rear ledge

ja  nein  
 yes no

e1) Material Kunststoff-Teppich/Fibre composite-  
 Material woven taft

902. Außen  
 Exterior

n) Scheibenwischer hinten  ja  nein  
 Rear wiper yes no

