



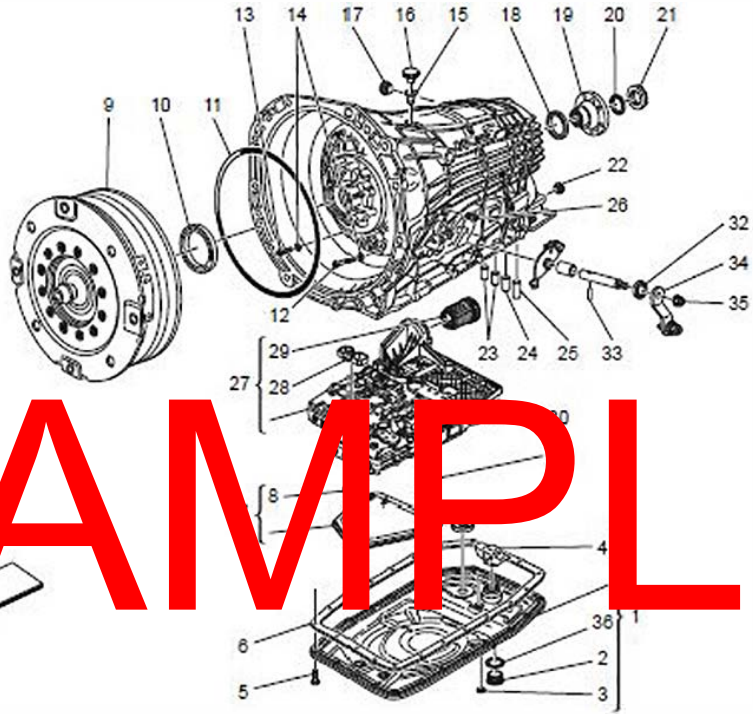
03.10 - 2 GEARBOX HOUSINGS



GranCabrio MC [71212]

4700 cc AUTOMATIC
GEARBOX NR. [000775964]

CHASSIS NR. [71508]
ENGINE NR. [000201242]



SAMPLE

<u>1</u>	3.10.068 COMPLETE GEARBOX OIL SUMP	00	Removal/refitting or replacement		
<u>2</u>	3.10.069 GEARBOX OIL SUMP FILLER CAP	00	Removal/refitting or replacement		--
<u>3</u>	3.10.109 CAP ON AUTOMATIC GEARBOX HOUSING				
<u>4</u>	3.10.070 INSIDE COVERING CAP FOR GEARBOX OIL SUMP	00	Removal/refitting or replacement		--
<u>5</u>	3.10.105 SCREW FOR COMPLETE GEARBOX OIL SUMP				
<u>6</u>	3.10.071 GASKET FOR GEARBOX OIL SUMP	15	Replacement		--
<u>7</u>	3.10.072 COMPLETE GEARBOX OIL FILTER	00	Removal/refitting or replacement		
	<i>Valid Assembly Number Range 27860 - 99999999</i>				
<u>8</u>	3.10.106 O-RING GASKET COMPLETE GEARBOX OIL FILTER				
<u>9</u>	3.10.073 CONVERTER	00	Removal/refitting or replacement		
	<i>Valid Assembly Number Range 27860 - 99999999</i>				
<u>10</u>	3.10.085 OIL SEAL ON CONVERTER	15	Replacement		--



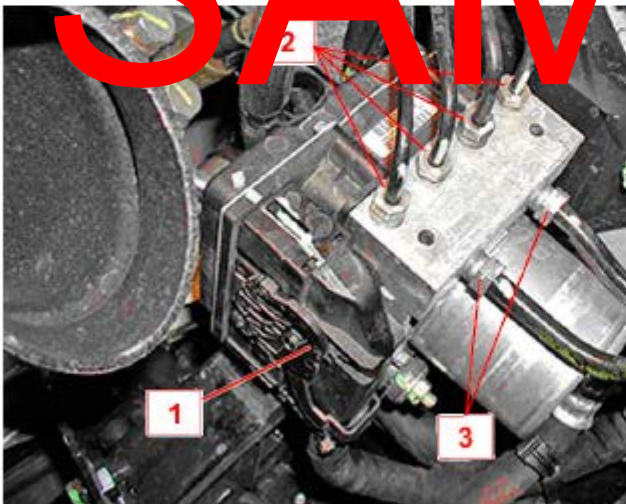
4. Draw the oil from the brake oil tank.
5. Raise the vehicle and remove the engine lower guard to prevent soiling it with brake fluid.

9.14.001 - FRONT UNDERBODY GUARD-Removal/refitting or replacement

6. Detach the electrical connector (1) for the ABS/ASR/EBD/ESP electro-hydraulic ECU.

Using a specific wrench, USAG 1014 or similar, unscrew the unions for the rigid lines (2) leading to the front and rear calipers, as well as the unions for the rigid lines (3) coming from the master cylinder.

8. Seal the pipes and the holes on the ABS to prevent infiltration of dirt and impurities.



9. Unscrew the three fastening nuts of the ABS support bracket.

6. Undo the fastening screw on the central cover/instrument panel.



7. Lift the upper steering column cover and undo the two fastening screws, then remove it.



8. Remove snap-on aesthetic moulding. Take care not to damage the moulding fastening pins.



GranSport [21948 - 99999999]

4200 cc CAMBIOCORSA



Technical Service Department
Servizio Assistenza Tecnica

WORKSHOP MANUAL

Section	-	
Procedure N.	A1.40.025 - 00	Time: -
Description	- Removal/refitting or replacement	
Validity	08/02/2019 - RELEASE 185	
Last Modify	N/D	First Release

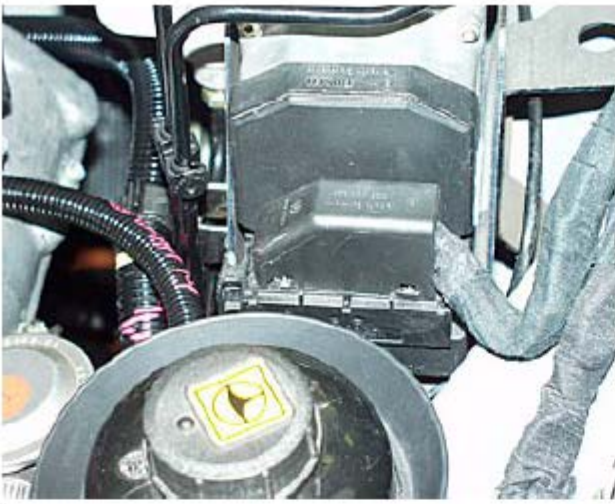
FUEL VAPOUR FILTER

Removal-Refitting

1. Working from inside the luggage compartment, remove the caps which fasten its lining.



2. Working on the left-hand side of the fuel tank, disconnect the three tubes leading to the active carbon filter using their quick couplings.

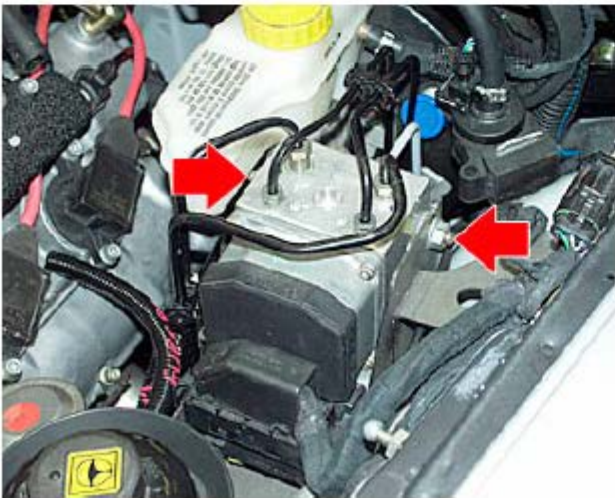


3. Slacken off the electro-hydraulic control unit locknuts and remove it.



4. Refitting for vehicles up to MY03.

Tighten the locknuts fastening the electro-hydraulic control unit to the bracket to a torque of 12Nm.



Levante [0 - 6035537]

3.0 BT V6 4WD 430 HP AUTOMATIC
4WD



Technical Service Department
Servizio Assistenza Tecnica

WORKSHOP MANUAL

Section	03.02 - 1	
Procedure N.	03.02.015 - 00	Time: 0.25 h
Description	FLEXIBLE CABLE - GEARBOX SIDE - Removal/refitting or replacement	
Validity	22/08/2018 - RELEASE 180	
Last Modify	13/10/2016 - RELEASE 143	Reviewed ✓

03.02.015 00 FLEXIBLE CABLE - GEARBOX SIDE



Removal

! Carry out this operation when engine is cold.

1. Drive the vehicle on the lift.

! Do not release flexible cable passenger compartment side.



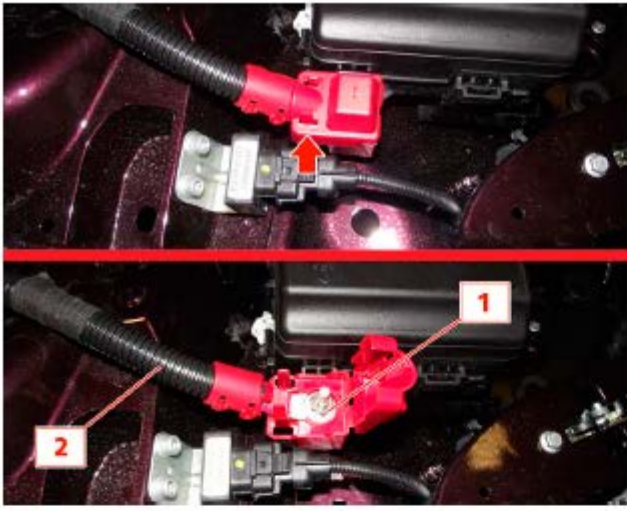
2. Remove the 3 indicated nuts.



3. Remove the 3 indicated fasteners.



4. Unhook the 4 indicated fastening clamps.



15. Remove the coolant from nource.



16. Unclip the clamps and uncouple the pipes as figured.



17. Unclip the clamps and uncouple the pipes as figured.

REMOVING-REFITTING THE ENGINE

- Remove the front lid.
- Removing-refitting the front compartment lid*
- Remove the spare wheel housing.
- Removing /refitting the spare wheel housing*

- Working from inside the engine compartment, loosen the cap for the hydraulic steering reservoir.



SAMPLE

- Loosen the water nource cap.



- Fit the upper runner and tighten the retaining screws to a torque of 10 Nm



- with the aid of short stud bolts position the baskets in the crankcase.



SAMPLE



Levante

... [0 - 6035537]

A - Aerials

ABT1	Bluetooth Antenna Connector
AGP1	GPS Antenna Connector
AR1	Antenna
AR2	Antenna Connector
AR3	Antenna Connector
ATV1	TV 1 - Antenna Connector
ATV2	TV 2 - Antenna Connector



B - Power generators

B002	Alternator
B005	Alternator (LIN)



C - Components for electricity distribution and diagnosis

C001	Front Distribution Unit (FDU)
C002	Battery Distribution Unit
C003	Dashboard Power Distribution Unit (D-PDU)
C012	Supplementary fuse block
C013	USB/ACU interface plug
C019	Rear Distribution Unit (RDU)
C021	Rear outlet
C022	Diagnosis Link Connector (DLK)
C023	Component module interface plug
C024	Body compartment outlet
C039	Can star distribution 500K rear
C040	Can star distribution 125K dashboard
C041	Can star distribution 125K rear
C065	Can star distribution 500K dashboard
C066	Supply Junction node
C069	Rear USB outlet
C070	USB charger outlet



D - Manual controls

D006	Stop lamp switch
D016	Center switches module
D020	External lights command
D054	Front driver door handle opening/closing command
D055	Front passenger door handle opening/closing command
D056	Rear left door handle opening/closing command
D057	Rear right door handle opening/closing command
D061	Driver Door Commands (DDC)
D062	Co-Driver Door Commands (CDC)
D063	Rear Left Door Commands (RLDC)
D064	Rear Right Door Commands (RRDC)
D065	Start and Stop switch
D068	Accelerator pedal position sensor



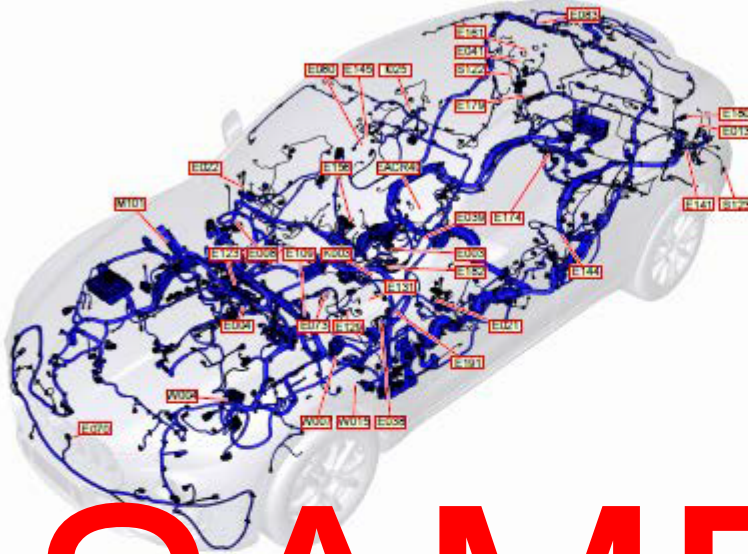
SAMPLE



Levante ... [0 - 6035537]

3.0 BT V8 4WD 430 HP AUTOMATIC 4WD

ECU



SAMPLE

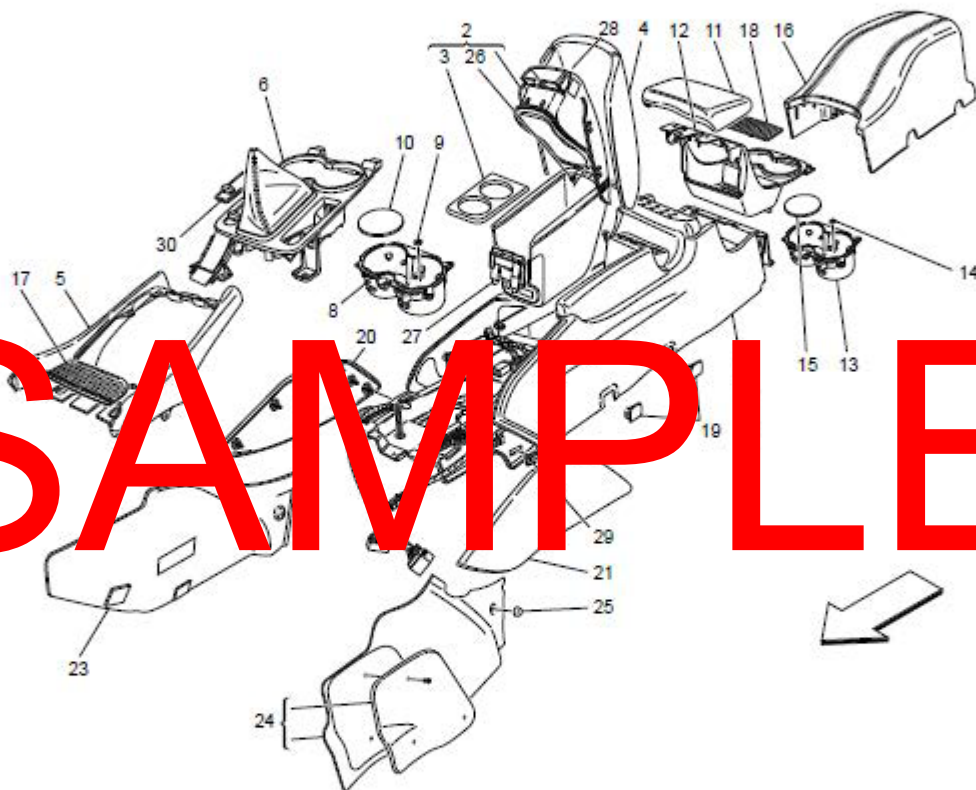
E003	Instrument Panel Cluster (IPC)
E004	Body Control Module (BCM)
E004	Body Control Module (BCM)
E004	Body Control Module (BCM)
E004	Body Control Module (BCM)
E004	Body Control Module (BCM)
E004	Body Control Module (BCM)
E004	Body Control Module (BCM)
E004	Body Control Module (BCM)
E008	Heating, Ventilation and Air Conditioning (HVAC)
E021	Driver Door Module (DDM)
E021	Driver Door Module (DDM)
E021	Driver Door Module (DDM)
E021	Driver Door Module (DDM)
E022	Passenger Door Module (PDM)
E022	Passenger Door Module (PDM)
E022	Passenger Door Module (PDM)
E022	Passenger Door Module (PDM)
E038	Emergency Call



09.51 - 1' ACCESSORY CONSOLE AND CENTRE CONSOLE

Model Year

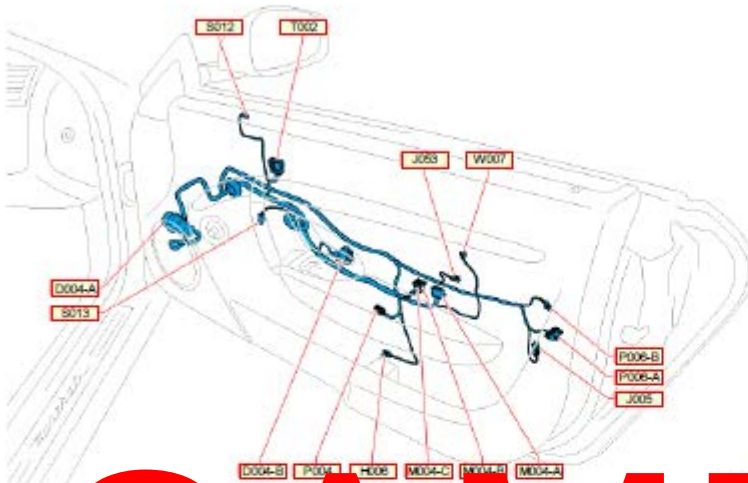
Not available with: Centennial Edition



1	9.51.001 COMPLETE TUNNEL CONSOLE	02 Removal and refitting		
2	9.51.017 TUNNEL DRAWER BOX	00 Removal/refitting or replacement		
3	9.51.023 TUNNEL DRAWER BOX CARPET	00 Removal/refitting or replacement		
4	9.51.018 TUNNEL DRAWER DOOR	00 Removal/refitting or replacement		
5	9.51.018 TUNNEL DRAWER DOOR	00 Removal/refitting or replacement		
5	9.51.030 TUNNEL FRONT PLATE	00 Removal/refitting or replacement		
6	9.51.084 CENTRAL FIXING PLATE ON CENTRE CONSOLE	00 Removal/refitting or replacement		
8	9.51.069 TUNNEL FRONT GLASS PAN	00 Removal/refitting or replacement		

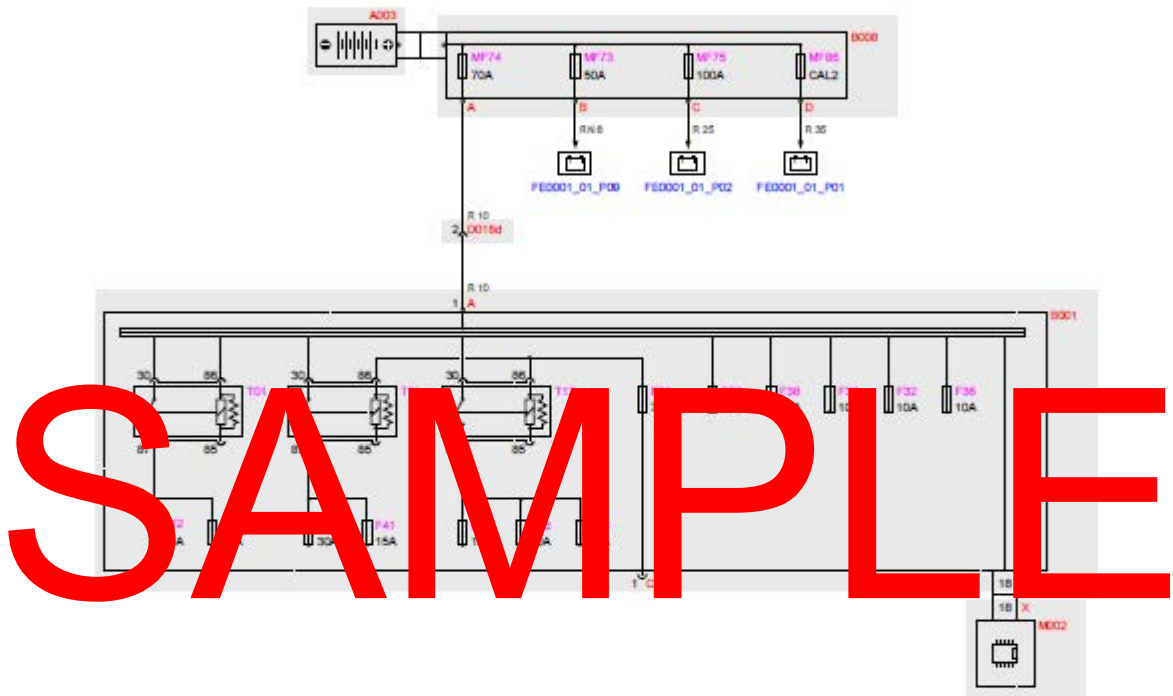


CA0003 - Front door wiring, passenger side



SAMPLE

D004 A	Front door wiring connection	passenger's side
D004 B	Front door wiring connection	passenger's side
H006	Front door step light	passenger's side
J005	Front door external handle switch	passenger's side
J053	Window position micro-switch	passenger's side
M004 A	Passenger's door node (NPP)	
M004 B	Passenger's door node (NPP)	
M004 C	Passenger's door node (NPP)	
P004	Front door power window motor	passenger's side
P006 A	Front door lock motor	passenger's side
P006 B	Front door lock motor	passenger's side
S012	Door Tweeter	passenger's side
S013	Door Woofer	passenger's side
T002	External rear view mirror	passenger's side
W007	Door Airbag	passenger's side



Dashboard branching ecu (CPL)

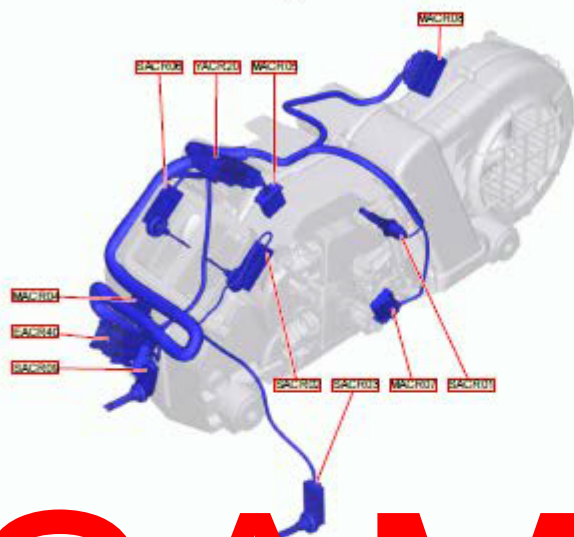
A003	Battery positive
B001 A	Dashboard branching ecu (CPL)
B001 C	Dashboard branching ecu (CPL)
B001 X	Dashboard branching ecu (CPL)
B008 A	CBA-Battery ECU
B008 B	CBA-Battery ECU
B008 C	CBA-Battery ECU
B008 D	CBA-Battery ECU
D018 D	Passenger compartment/luggage compartment wiring connection
M002 X	Body computer node (NBC)



Levante

[0 - 8035537]

CA0038 - Rear Air conditioner/heater wiring

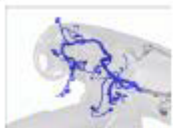


SAMPLE

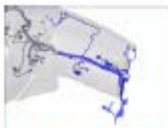
EACR40	Heating Ventilation Air Conditioning Rear (HVACR)
MACR04	Air vent Mode Actuator (HVACR)
MACR05	Left hand MIX actuator (HVACR)
MACR07	Right hand MIX actuator (HVACR)
MACR08	Passenger compartment air electric fan (HVACR)
SACR01	Evapourator Temperature Sensor (HVACR)
SACR02	Right Hand Vent Sensor (HVACR) (VENT)
SACR03	Right Hand Vent Sensor (HVACR) (FLOOR)
SACR06	Left Hand Vent Sensor (HVACR) (VENT)
SACR09	Left Hand Vent Sensor (HVACR) (FLOOR)
YACR20	Rear HVACR harness inline connection



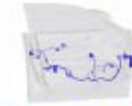
Ghibli



CA0001 - [0 - 5039253]



CA0001 - [0 - 5039253]



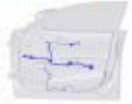
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CA0003 - [0 - 5058885]



CA0004 - [0 - 5058885]



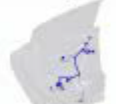
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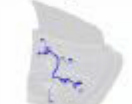
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CA0007 - [0 - 5058885]



CA0008 - [0 - 5058885]



CA0009 - [0 - 5058885]



CA0010 - [0 - 5058885]



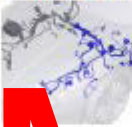
CA0011



CA0012



CA0013 - [0 - 5039253]



CA0013 - [0 - 5039253]



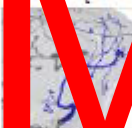
CA0014 - [0 - 5039253]



CA0014 - [0 - 5039253]



CA0014 - [0 - 5039253]



CA0014 - [0 - 5039253]



CA0015 - [0 - 5058885]



CA0016 - [0 - 5058885]



CA0017 - [0 - 5058885]



CA0019 - [0 - 5058885]



CA0020 - [0 - 5039253]



CA0021 - [0 - 5058885]



CA0022



CA0023



CA0025



CA0026



CA0027



CA0028



CA0030



CA0031



CA0034



CA0035 - [0 - 5089131]



CA0036



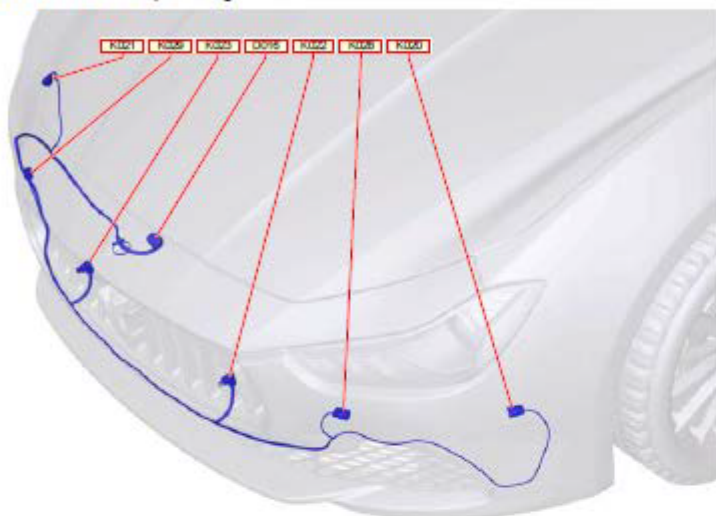
CA0037

SAMPLE



Ghibli

CA0019 - Front bumper wiring

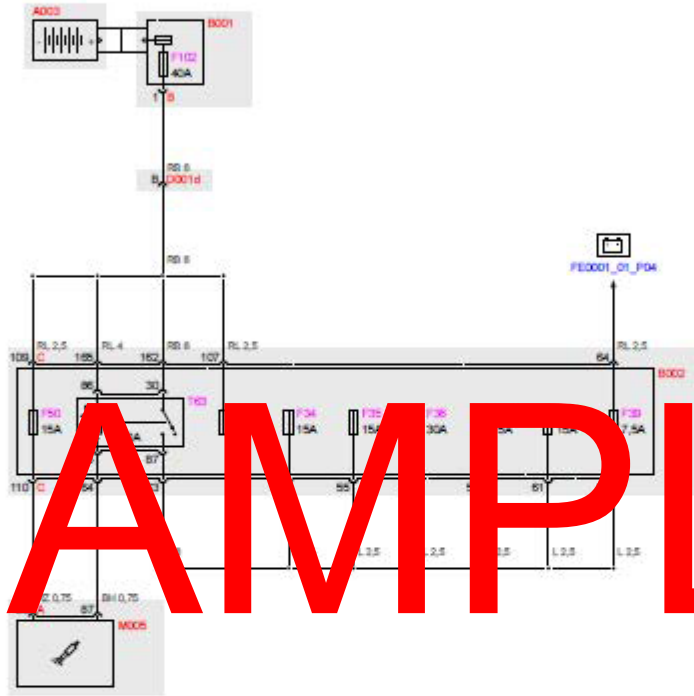


SAMPLE

D016	Front - Front Bumper connection
K020	Sensor - Parking aid (External front LT)
K021	Sensor - Parking aid (External front RT)
K022	Sensor - Parking aid (Internal front LT)
K023	Sensor - Parking aid (Internal front RT)
K028	Sensor - Parking aid (Front LT)
K029	Sensor - Parking aid (Front RT)

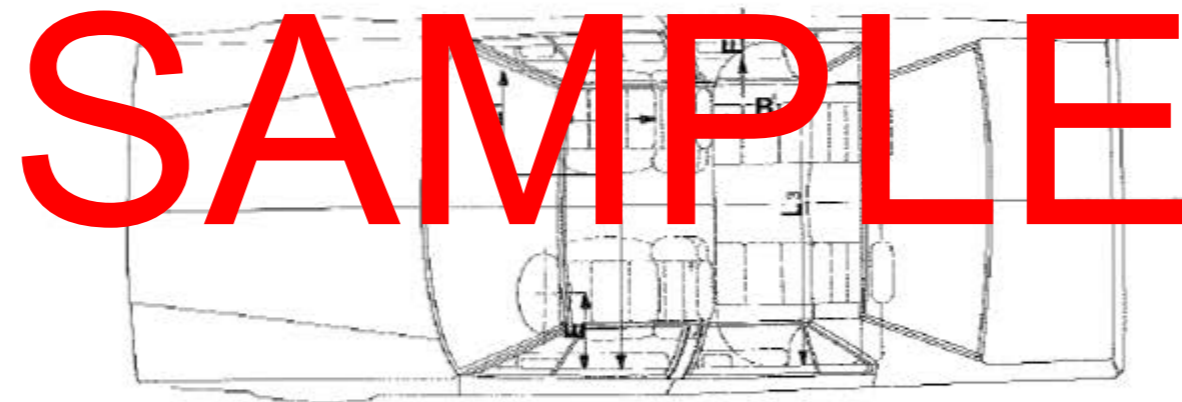
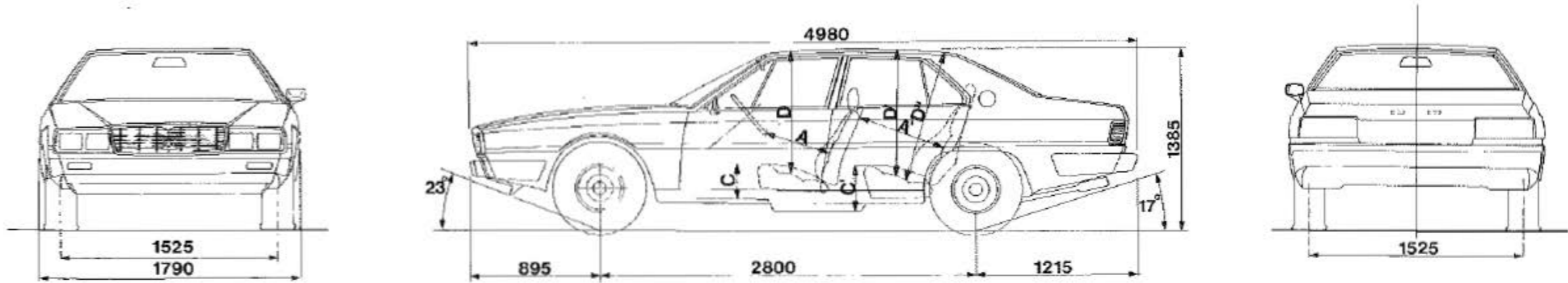


Ghibli



SAMPLE

B001 B	Battery Distribution Unit (BDU)	
B002 C	Front Distribution Unit (FDU)	
D001 D	Front - Body connection	
D001 D	Front - Body connection	
M005 A	Engine Control Module (ECM)	



	A	A'	B	B'	C	C'	D	D'	D''	E	F	L ¹	L ²	L ³
cm.	26 ÷ 47	87 ÷ 66	49	48	27,5	34,5	82,5 87,5	87	90	38	8,5	57	157	155
in.	10.2 ÷ 18.5	34.2 ÷ 25.9	19.2	18.8	10.7	13.4	32.3 34.3	34.2	35.4	14.9	3.3	22.4	47.8	47

SCHEDA OPERAZIONI PERIODICHE DI LUBRIFICAZIONE LUBRICATION SCHEDULE CHART

CORRISPONDENZA SCHEMA DI LUBRIFICAZIONE

- 1) Differenziale
- 2) Coppa olio motore
- 3) Giunti alberi di trasmissione
- 4) Cambio
- 4/A) Trasmissione automatica
- 5) Sospensione anteriore
- 6) Pompa acqua
- 7) Compressore condizionatore
- 8) Compressore trombe
- 9) Mozzi anteriori
- 10) Serbatoio fluido freni
- 11) Serbatoio fluido frizione
- 12) Albero reggispinta frizione
- 13) Freno a mano
- 14) Serbatoio fluido servosterzo
- 15) Giunti semiassi

LUBRICATION SCHEME LEGENDA

- 1) Differential
- 2) Crankcase sump
- 3) Propeller shaft joints
- 4) Gearbox
- 4/A) Automatic transmission
- 5) Front wheel suspension
- 6) Water pump
- 7) Conditioner compressor
- 8) Horns compressor
- 9) Front hubs
- 10) Brake fluid reservoir
- 11) Clutch fluid tank
- 12) Clutch thrust bearing shaft
- 13) Parking brake
- 14) Power steering fluid tank
- 15) Axle shaft joints

Simboli per schema di lubrificazione Lubrication specification symbols

AGIP Sintetici	Simbolo	Specificazioni internazionali
AGIP SINT 2000 (SAE 10W/50)		API - SE CC MC
AGIP F1 ROTRA 80 W 90		API - GL3
AGIP F1 ROTRA MP/S 85 W 90		API - GL5 MIL - L - 2105 B
CASTROL Dloc. BRAKE FLUID		SAE J - 1703 FMV SS - 116 - DOT 3 Type
AGIP TER 34 (liquido refr. FREON 12)		2,8 E AT - 50° C Pour point 40° C Max
AGIP F1 GREASE 15 AGIP ROCOL MTS 1000	 	NLG1 N. 2 - Drop point 100° C Min. with MoS2
AGIP F1 GREASE 33 PD		NLG1 N. 3 Drop point - 248° C
AGIP F1 ATF DEXRON		GM - 8032 M
Olio di vaselina Vaseline oil		

SAMPLE

