

## KEY TO COMPONENTS

**A STARTING - RECHARGING**

- A1 Battery
- A3 Alternator, with integrated voltage regulator
- A8 Ignition coil
- A8a Ignition coil A
- A8b Ignition coil B
- A11 Starter motor
- A12 Spark plugs
- A13 Glow plugs

**B MANUAL ELECTRICAL CONTROLS**

- B1 Ignition switch
- B21a Right front power window control switch (on RH door)
- B21b Right front power window control switch (on LH door)
- B22 Left rear power window control switch
- B23 Right rear power window control switch
- B24 Left rear power window control switch
- B25 Rear power window consensus switch
- B36 Wing mirror control switch
- B47 Sun roof motor control switch
- B51 LH front seat heater control switch
- B53 Front power window switch with automatic mechanism
- B62 RH front seat heater control switch
- B68 Steering column lever unit
- B69 Headlamp aiming device
- B98 Air recirculation switch

**C INSTRUMENTATION**

- C10 Instrument cluster
- C16 Check Panel display

**D WARNING LIGHTS**

- D31 Anti-theft device led indicator

**E EXTERIOR LIGHTS**

- E9a LH direction indicator light bulb
- E9b RH direction indicator light bulb
- E10a LH fog light bulb
- E10b RH fog light bulb
- E14 Reversing light bulb
- E16 Rear fog guard bulb
- E17a LH number plate light bulb
- E17b RH number plate light bulb
- E19 RH tail light cluster
- E20 LH tail light cluster
- E23 RH front light cluster
- E24 LH front light cluster
- E28 Third stoplight

**F INTERIOR LIGHTS**

- F2 Rear ceiling light
- F3 Passenger compartment ceiling light
- F5 Luggage compartment light
- F8 Heating/ventilation controls light bulb
- F8a Heating/ventilation controls light bulb a
- F8b Heating ventilation controls light bulb b
- F10 Ashtray light bulb

**G FUSEBOX - CONNECTORS - EARTHS**

- G1 Fusebox
- G21 Connector for RH front door wiring
- G23 Connector for LH front door wiring
- G25 Connector for RH rear door wiring
- G27 Connector for LH rear door wiring
- G29 Rear power window wiring connector
- G38 Air conditioner connector
- G43 Connector for heating and ventilation control wiring
- G53a RH engine compartment earth
- G53b LH engine compartment earth
- G55a RH side panel earth
- G55b LH side panel earth
- G56 Branch terminal board
- G60 Injection wiring earth
- G60a Injection wiring earth
- G60b Injection wiring earth
- G61 Ignition coil connection
- G63a RH rear earth
- G63b LH rear earth
- G65 Coaxial cable for aerial
- G73 Connector for rear services
- G94 Engine compartment connector
- G95m Sun roof connector
- G99 Connector for dashboard wiring/engine wiring
- G99b Dashboard/engine wiring connector
- G106 Seat cross rail earth
- G109 Injection wiring earth
- G115 Connector for tow bar trailer socket
- G124 ABS system connector
- G125a ABS system fuse
- G125b ABS system fuse
- G133a Connector for electronic injection wiring A
- G133b Connector for electronic injection wiring B
- G133c Connector for electronic injection wiring C
- G143 Services tray centre earth
- G148b Earth under dashboard LH
- G152 Glow plug warming fuse
- G175a Connector for LH fog light wiring
- G175b Connector for RH fog light wiring
- G202 Connector for ABS system earth
- G219 Connector for sun roof
- G241 Anti-theft device wiring connector
- G254 Fuse for engine fan
- G254b Fuse for engine fan
- G255 Fuse for heating and ventilation fan
- G261 Fuse for sun roof
- G267 Earth on crankcase
- G272 Connector for ABS hydraulic unit
- G273 ABS control unit connector
- G307a Connector for rear wiring/luggage compartment wiring A
- G307b Connector for rear wiring / luggage compartment wiring B
- G308 Connector for engine sensors
- G310 Fuse for RH front power window
- G311 Fuse for LH front power window

G312	Fuse for headlamp washer	I58	Sun roof relay
G313	Connector for additional conditioner wiring	I64	Side lights relay
G314	Connector for engine wiring/conditioner wiring	I65	Fog lights consent relay
G318	Earth on gearbox	I67	Day-light cut off relay
G326	Connector for rear fog guard wiring	I78	Heating and ventilation fan relay
G332	Alternator connector for recharging signal	I87	LH seat heater relay
G335	Connector for E.G.R.	I88	RH seat heater relay
G337	Connector for conditioner syst./injection syst.	I91	DIM-DIP headlamp relay
G352	Fuel oil warming fuse	I99	Engine cooling fan 1st speed relay
G355a	Pre-installed connector for heating RH seats	I99a	Engine cooling fan 1st speed relay
G355b	Pre-installed connector for heating LH seats	I99b	Engine cooling fan 1st speed relay
G380	Airbag connector	I100	Engine cooling fan 2nd speed relay
G381	Earth for airbag	I105	Relay for Diesel engine control devices
G382	Fuse for fog lights	I118	Additional heater remote switch -1
G383	Connector for airbag capsule	I119	Additional heater remote switch -2
G384	Services supply fuse	I120	Additional heater safety remote switch
G386	Electronic ALFA ROMEO CODE	I121	Engine cooling solenoid valve remote switch
G389	ALFA ROMEO CODE fuse		
G393	General supply fuse	<b>L</b>	<b>SENDERS</b>
G394	Door mirrors defrosting fuse	L2	Minimum engine oil pressure
G395	Air Bag and cluster fuse	L5	Max. engine coolant temperature warning light contact
G396	Connector for TELEPASS	L6	Engine cooling fan thermal switch
G397	Cellular telephone provision	L7	Sender for engine coolant temperature gauge
G398	Aerial supply connection	L9	Sender for fuel level gauge
G407	Seam for Side Bag	L10	Sender for engine coolant temperature gauge and max. temperature warning light contact
G408	Additional heating fuse	L16	Rev counter sensor
		L17	Speedometer sensor
<b>H</b>	<b>SWITCHES</b>	L27	Water temperature sensor for warming glow plugs
H1	Handbrake switch	L28	RH front phonic wheel inductive sensor
H2	Brake pedal switch	L29	LH front phonic wheel inductive sensor
H3	Stop lights switch	L30	RH rear phonic wheel inductive sensor
H5	LH front door open switch	L31	LH rear phonic wheel inductive sensor
H6	RH front door open switch	L33	Two-level thermal contact
H9	RH front brake pad switch	L36	Turbo supercharging sensor
H10	LH front brake pad switch	L45	K.S.B. water temperature sensor
H17	Brake fluid minimum level switch	L46	E.G.R. solenoid control valve
H20	Inertial switch	L47	Potentiometer for E.G.R.
H21	Clutch pedal switch	L49	Accelerator pedal potentiometer
H24	Luggage compartment light switch	L51	Fuel temperature sensor
H44	Bonnet anti-theft device switch	L59	Fuel pressure sensor
H51	Sun roof stroke limit switch	L60	Water temperature sensor for additional heater
H54	Full load switch		
<b>I</b>	<b>RELAYS</b>	<b>M</b>	<b>ELETTROMAGNETS - SOLENOID VALVES</b>
I1	Engine cooling fan relay	M5	Engine stop electromagnet
I2	Heated rearscreen relay	M12	Luggage compartment opening actuator electromagnet
I3	Horn relay	M15	Evaporation solenoid valve
I10	Starting consent relay	M28	Fuel pressure regulator
I12	Power windows relay		
I13	Rear power windows relay	<b>N</b>	<b>ELECTRONIC DEVICES - INTERMITTENCES-TIMERS</b>
I17	Fog light relay	N1	Electronic ignition module
I25	Rear fog guard relay	N6	Glow plug warming timer
I29	Fuel pump relay	N10	Ceiling lights timer
I35	Key-operated supply relay	N11	Door locking control unit
I44	Fuel warming device relay		
I45	Door mirrors defrosting relay		
I49	Low beam relay		
I50	High beam relay		
I52	Luggage compartment opening relay		

N12	Headlamp washer timer	P35b	LH headlamp aiming motor
N13	Hazard warning lights and direction indicators intermittence	<b>Q</b>	<b>HEATING/VENTILATION - AIR CONDITIONING</b>
N14	Electronic windscreen wiper intermittence	Q1	Heater fan
N25	Rear fog guard electronic device	Q4	Heater fan control
N31	Fuel warming device	Q5	Heater fan speed adjustment resistance
N38	Power window control unit	Q9	Minimum pressure switch
N45	Anti-theft device control unit	Q11	Compressor electromagnetic coupling
N51	Hydraulic unit with ABS control unit	Q12	Compressor electromagnetic coupling cut-off thermal contact
N60	Sun roof control unit	Q20	Min. and max. sensor pressure contact
N65	E.G.R. control unit	Q21	Climate control system control unit
N67	Remote control signal receiver	Q22	Electromagnetic coupling relay
N77	ALFA ROMEO CODE control unit	Q24	Outside temperature sensor
N78	ALFA ROMEO CODE receiver	Q25	Treated air temperature sensor
N83	Fuel level signal damper	Q26	Antifrost sensor
N85	Additional heater control unit	Q27	Air recirculation flap control motor
<b>O</b>	<b>SERVICES</b>	Q30	Air mixing control motor
O1	Heated rearscreen	Q31	Climate control electronic regulator
O2a	High tone horn	Q32	Auxiliary relay for heating and ventilation
O2b	Low tone horn	Q33	Passenger compartment air temperature sensor
O4	Car radio	Q34	Required air adjustment control
O5a	RH front loud-speaker	Q39	Fuse for conditioning system - 30 A
O5b	LH front loud-speaker	Q41	Set of relay and fuses for air conditioner
O5c	RH rear loud-speaker	Q42	Conditioner fan delay device
O5d	LH rear loud-speaker	Q65	Fuse for conditioning system-7.5 A
O6	Cigar lighter - current socket	Q66	Fuse for conditioning system-3A
O14	LH front seat heater	Q67	Compressor disengagement control unit
O17	RH front seat heater	Q68	Compressor and air recirculation engagement switches
O18	RH wing mirror defroster	Q69	Heater fan 1st speed relay
O19	LH wing mirror defroster	Q71	Antifrost thermostat
O22	Additional engine fan resistance	Q72	Fast defrosting switch
O27	K.S.B. device	Q73a	Air recirculation relay
O28	DIM-DIP Resistance	Q73b	Air recirculation relay
O31a	RH Tweeter loud-speaker	<b>R</b>	<b>SAFETY DEVICES</b>
O31b	LH Tweeter loud-speaker	R22	Airbag control unit
O38	Additional heater glow plugs	R23	Capsule on steering wheel for airbag
<b>P</b>	<b>ELECTRIC MOTORS</b>	R27	Passenger's side airbag capsule
P1	Windscreen wiper motor	R30	Passenger present sensor for Air Bag
P2	Engine cooling fan	R31	LH Side Bag sensor
P2a	Engine cooling fan	R32	RH Side Bag sensor
P2b	Engine cooling fan	R33	LH Side Bag capsule
P8	LH wing mirror motor	R34	RH Side Bag capsule
P9	RH wing mirror motor	<b>S</b>	<b>ELECTRONIC INJECTION</b>
P10	Front RH door lock motor	S3	Electroinjectors
P11	Front LH door lock motor	S5	Air flow meter
P12	Rear RH door lock motor	S7	Engine temperature sensor
P13	Rear LH door lock motor	S11	Electronic injection control unit
P14	Front RH power window motor	S12a	Fuel pump relay
P15	Front LH power window motor	S12c	Timing variator relay
P16	Rear RH power window motor	S12e	Air flow meter relay
P17	Rear LH power window motor	S13	Timing sensor
P18	Electric fuel pump	S20	Pinging sensor
P19	Windscreen and rearscreen washer pump	S28	Injection control relay
P20	Headlamp washer pump	S29	Idle adjustment actuator
P21	Rearscreen wiper motor		
P24	Sun roof motor		
P35a	RH headlamp aiming motor		

S31	Rpm sensor	T	<b>DIAGNOSIS</b>
S34	Air temperature sensor	T1	Connector for ALFA TESTER (engine and ALFA ROMEO CODE management)
S35	Heated lambda probe	T3	Connector for ALFA TESTER (airbag)
S36	Fuse for injection relay	T7	Connector for ALFA TESTER (anti-theft device)
S38	Sensor on throttle body	T8	Connector for ALFA TESTER (ABS)
S40	Injection/ignition control unit	T10	Connector for ALFA TESTER (Heating/ventilation)
S41	Main relay	T12	Connector for ALFA TESTER (E.G.R.)
S42	Secondary relay		
S43	Absolute pressure sensor		
S45	Lambda probe fuse		
S46	Injection supply wander fuse		
S47	Fuse for fuel pump		
S49	MP31/IAW control unit switching connector		
S50	Injectors (JTD)		
S52	Cam angle sensor		
S56	Temperature sensor for E.G.R.		
S57	Variable geometry solenoid valve		

