

BUZZERS, RELAYS & TIMERS**BUZZERS, RELAYS & TIMERS**

Component	Component Location
Brakelight Disable Relay (ESP)	On 13-fold relay panel. See Fig. 3 .
Coolant Circulation Pump Relay	On 13-fold relay panel. See Fig. 3 .
Dual Horn Relay	On micro central electric panel. See Fig. 4 .
Foglight Relay	On 13-fold relay panel. See Fig. 3 .
Fuel Pump (FP) Relay	On micro central electric panel. See Fig. 4 .
Load Reduction Relay	On micro central electric panel. See Fig. 4 .
Rear Window Defogger Relay	On 13-fold relay panel. See Fig. 3 .
Secondary Air Injection (AIR) Pump Relay	Near brake master cylinder, in protective housing. See Fig. 1 .
Starting Interlock Relay	On 13-fold relay panel. See Fig. 3 .
Wiper/Washer Intermittent Relay (2)	On micro central electric panel. See Fig. 4 .

CIRCUIT PROTECTION DEVICES**CIRCUIT PROTECTION DEVICES**

Component	Component Location
Convertible Top Fuse	On micro central electric panel.
Fuse Bracket	On top of battery, on left side of engine compartment.
Fuse Panel	On left end of dash.
Haldex Coupling Fuse	On 13-fold relay panel.
Micro Central Electric Panel	Beneath left side of dash.
Power Window Circuit Breaker	On micro central electric panel.
13-Fold Relay Panel	Beneath left side of dash, above micro central electric panel.

CONTROL UNITS**CONTROL UNITS**

Component	Component Location
ABS Control Module	In left rear corner of engine compartment.
Air Bag Control Module	Beneath center of dash, near accelerator pedal.
All-Wheel Drive Control Module	On Haldex coupling, on rear differential.
Central Locking Control Module	Forward of left rear fenderwell, behind panel. See Fig. 2 .
Coolant Fan Control (FC) Control Module	In lower left front corner of engine compartment.

Fresh Air Blower Control Module	Behind right end of dash, on HVAC housing.
Headlight Beam Adjusting Control Module	Beneath left side of rear seat.
High Intensity Gas Discharge Lamp Control Module (Left/Right)	Below respective headlight, on framerail.
Lamp Control Module	On 13-fold relay panel. See Fig. 3 .
Mirror Fold-Away Function Control Module	On 13-fold relay panel. See Fig. 3 .
Motronic Engine Control Module (ECM)	In center of plenum, between firewall and windshield base. See Fig. 1 .
Power Window Control Module (Left/Right)	In respective door, integral with power window motor unit.
Throttle Valve Control Module	On throttle body, on left front of engine. See Fig. 1 .

MOTORS

MOTORS

Component	Component Location
ABS Hydraulic Pump	In left rear corner of engine compartment.
Airflow Flap Motor	Behind right end of dash, on HVAC housing.
Central Flap Motor	Beneath right side of dash, on lower left side of HVAC housing.
Footwell/Defroster Flap Motor	Behind right side of dash, on left side of HVAC housing.
Fresh Air Blower	Behind right end of dash, on HVAC housing.
Fuel Pump (FP)	In fuel tank, beneath rear seat.
Fuel Tank Lid Unlock Motor	On right side of luggage compartment, behind carpet.
Headlight Washer Pump	On washer fluid reservoir, in left front wheelhouse. See Fig. 2 .
Leak Detection Pump	Inside right front wheelwell. See Fig. 2 .
Remote Unlock Rear Lid Motor	On right rear of luggage compartment.
Secondary Air Injection (AIR) Pump Motor	On lower left side of engine, below intake manifold.
Windshield Washer Pump	On washer fluid reservoir, in left front wheelhouse. See Fig. 2 .

SENDING UNITS & SENSORS

SENDING UNITS & SENSORS

Component	Component Location
ABS Wheel Speed Sensor (4)	On respective hub/spindle assembly.
A/C High Pressure Sensor	In right rear corner of engine compartment.
Accelerator Pedal Position Sensor 2	Integral with throttle position sensor.
Anti-Theft Warning Ultra-Sound Sensor	At front center of roof, inside courtesy light housing.
Back Pressure Flap Motor Position Sensor	Behind right end of dash, on HVAC housing.

Camshaft Position (CMP) Sensor 2	On front of cylinder head, behind timing light cover.
Central Flap Motor Position Sensor	Beneath right side of dash, on left side of HVAC housing.
Engine Coolant Temperature (ECT) Sensor	On rear of cylinder head, on coolant outlet. See Fig. 1 .
Engine Speed (RPM) Sensor	On left side of cylinder block, next to oil filter.
Footwell/Defrost Flap Motor Position Sensor	Behind right side of dash, on left side of HVAC housing.
Fresh Air Intake Duct Temperature Sensor	In HVAC intake duct, on right side of engine compartment. See Fig. 1 .
Fuel Level Sender	In fuel tank, below rear seat.
Heated Oxygen Sensor (HO2S)	On exhaust system, upstream of TWC.
Heated Oxygen Sensor (HO2S) 2	On exhaust system, downstream of TWC.
Hydraulic Temperature Sensor	Integral with AWD control module.
Intake Air Temperature (IAT) Sensor	On intake manifold, near throttle body. See Fig. 1 .
Knock Sensor (KS) 1	On left front of cylinder block.
Knock Sensor (KS) 2	On left front of cylinder block.
Level Control System Sensor (AWD) (Left Rear)	In left rear wheelhouse, attached to lower control arm.
Level Control System Sensor (FWD) (Left Rear)	On left side of rear axle beam.
Level Control System Sensor (Left Front)	In left front wheelhouse, attached to upper control arm.
Longitudinal Acceleration Sensor	Behind right side of dash, next to glove box.
Manifold Absolute Pressure (MAP) Sensor	Below right headlight, on intercooler outlet flange.
Mass Airflow (MAF) Sensor	On air cleaner housing. See Fig. 1 .
Outlet Temperature Floor Outlet Sensor	Behind left center of dash, on HVAC housing.
Outside Air Temperature Sensor	Behind center of lower front grille. See Fig. 2 .
Side Air Bag Crash Sensor (Driver)	Beneath left front seat, under carpet.
Side Air Bag Crash Sensor (Passenger)	Beneath right front seat, under carpet.
Speedometer Vehicle Speed Sensor (VSS)	On right side of transmission, above differential housing.
Sunlight Photo Sensor	On upper center of dash, under defroster grille. See Fig. 2 .
Temperature Regulator Flap Motor Position Sensor	Beneath right side of dash, on lower left side of HVAC housing.
Throttle Drive Angle Sensor 1 (Power Accelerator Actuation)	Integral with throttle valve control module.
Throttle Drive Angle Sensor 2 (Power Accelerator Actuation)	Integral with throttle valve control module.
Throttle Position (TP) Sensor	Above accelerator pedal.

SOLENOIDS & SOLENOID VALVES

SOLENOIDS & SOLENOID VALVES

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Component	Component Location
Evaporative Emission (EVAP) Canister Purge Regulator Valve	Next to coolant reservoir, on right side of engine compartment. See Fig. 1 .
Recirculating Valve (Turbocharger)	On left side of engine, below intake manifold.
Wastegate By-Pass Regulator Valve	In left rear corner of engine compartment, on intake duct. See Fig. 1 .

SWITCHES

SWITCHES

Component	Component Location
A/C Pressure Switch	In right rear corner of engine compartment. See Fig. 1 .
Back-Up Light Switch (M/T)	On top of transmission, near starter motor.
Brakelight Switch	Above brake pedal, on bracket.
Clutch Pedal Position (CPP) Switch	Above clutch pedal, on bracket.
Clutch Vacuum Vent Valve Switch	Above clutch pedal, on bracket.
Coolant Fan Control (FC) Thermal Switch	On bottom left corner of radiator.
Engine Coolant Level (ECL) Warning Switch	Integral with coolant reservoir.
Engine Coolant Temperature (ECT) Warning Switch	On rear of cylinder head, on coolant flange. See Fig. 1 .
Hood Alarm Switch	On hood latch mechanism.
Oil Pressure Switch	On left side of engine, on oil filter flange.
Parking Brake Warning Light Switch	At base of parking brake lever.
Power Steering Pressure (PSP) Switch	On power steering pump, on front of engine.
Vacuum Vent Valve Switch	Integral with brakelight switch.

MISCELLANEOUS

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Component	Component Location
Alarm Horn	In center of plenum, between base of windshield and firewall. See Fig. 1 .
Amplifier	Forward of right rear wheelwell, behind interior panel.
Fresh Air Blower Series Resistance W/Fuse	Behind right side of dash, on HVAC housing.
Ignition Coil W/Power Output Stage (4)	On top of cylinder head, beneath decorative cover.
Seat Belt Tensioner Ignitor (Left/Right)	Integral with respective seat belt reel.
Side Air Bag Ignitor (Left)	On left side of left seat back, beneath upholstery.
Side Air Bag Ignitor (Right)	On right side of right seat back, beneath upholstery.
Telephone Microphone	At front center of roof, inside courtesy light housing.
Telephone Transceiver	In left rear corner of luggage compartment, near taillight. See

Throttle Drive (Power Accelerator Actuation)

Integral with throttle valve control module.

CONNECTORS

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Component	Component Location
T6M (Brown, 6 Pin)	In E-box, at left rear of engine compartment.
T10A (Green, 10 Pin)	In E-box, at left rear of engine compartment.
T10D (Brown, 10 Pin)	Behind left kick panel.
T10E (Black, 10 Pin)	In E-box, at left rear of engine compartment.
T10F (Brown, 10 Pin)	Behind right kick panel.
T10G (Blue, 10 Pin)	In E-box, at left rear of engine compartment.
T10I (Black, 10 Pin)	At left side of engine compartment, near strut tower.
T10L (Red, 10 Pin)	Behind left kick panel.
T10M (Red, 10 Pin)	Behind right kick panel.
T10Q (Green, 10 Pin)	Behind left kick panel.
T10R (Green, 10 Pin)	Behind right kick panel.
T10W (Blue, 10 Pin)	Behind left kick panel.
T10X (Orange, 10 Pin)	In E-box, at left rear of engine compartment.
T10Z (Blue, 10 Pin)	Behind right kick panel.

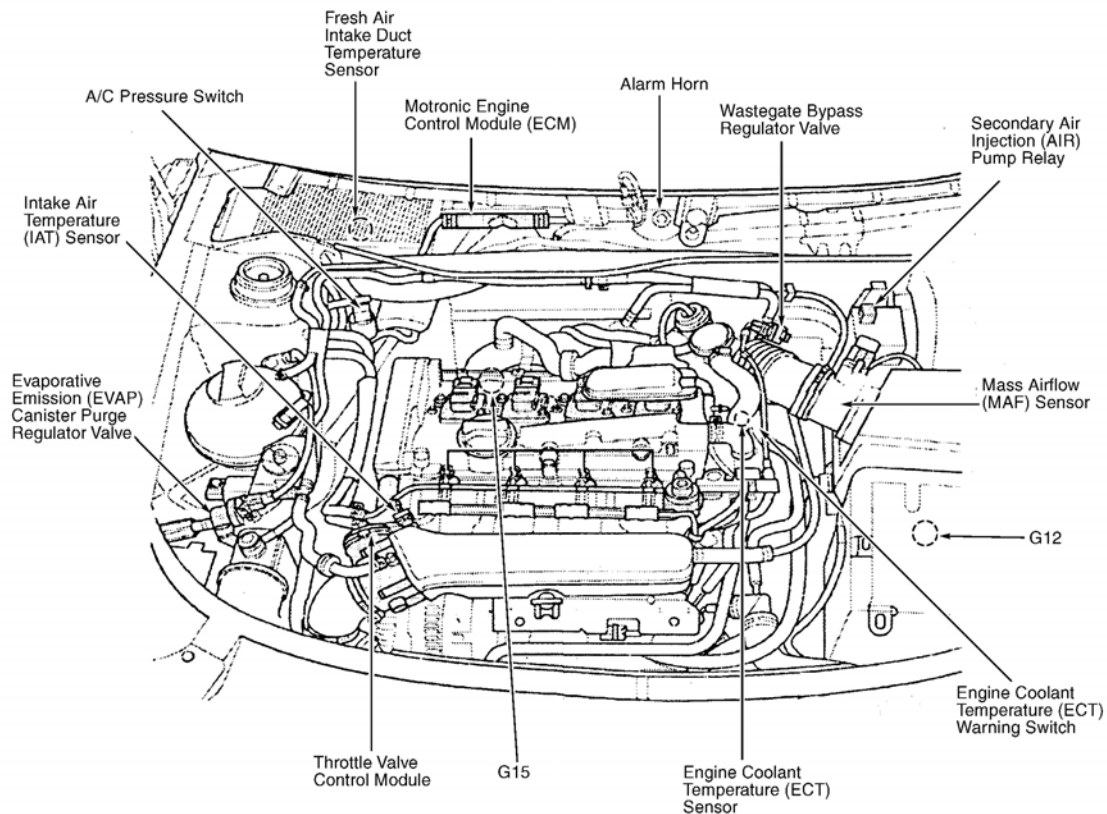
GROUNDS

GROUNDS

Component	Component Location
G2	On rear of engine.
G12	At left front of engine compartment, under battery tray. See Fig. 1 .
G15	At top front of engine. See Fig. 1 .
G42	Behind dash, left of steering column.
G43	At lower right "A" pillar.
G44	At lower left "A" pillar.
G45	Behind left center of dash.
G50	At left side of luggage compartment. See Fig. 2 .
G52	On left side of rear lid. See Fig. 2 .

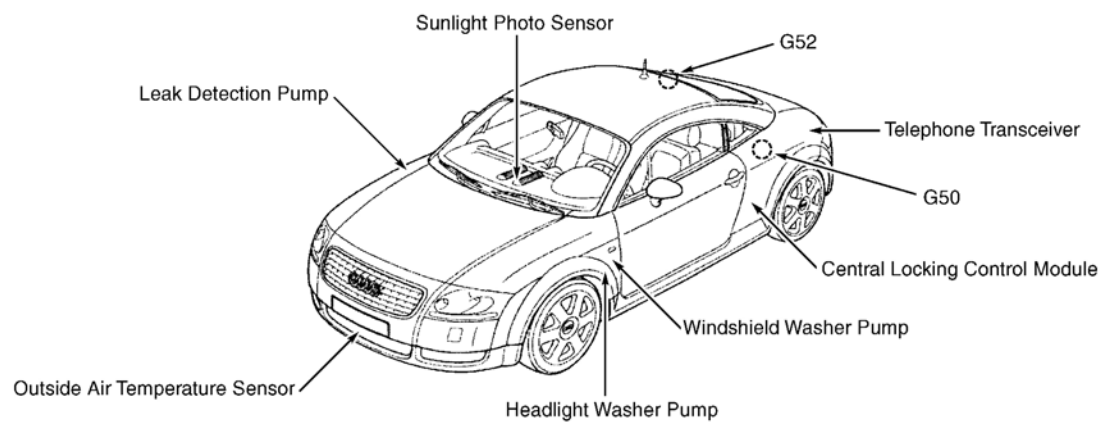
COMPONENT LOCATION GRAPHICS

NOTE: Figures may show multiple component locations. Refer to appropriate table for proper figure references.



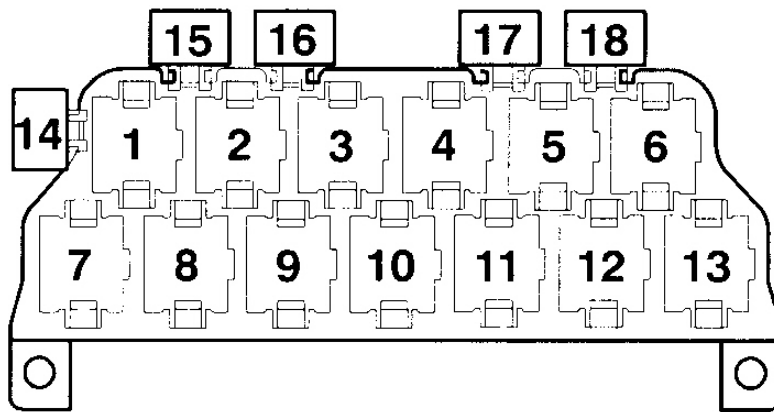
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Fig. 1: Engine Compartment



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Fig. 2: Vehicle Overview

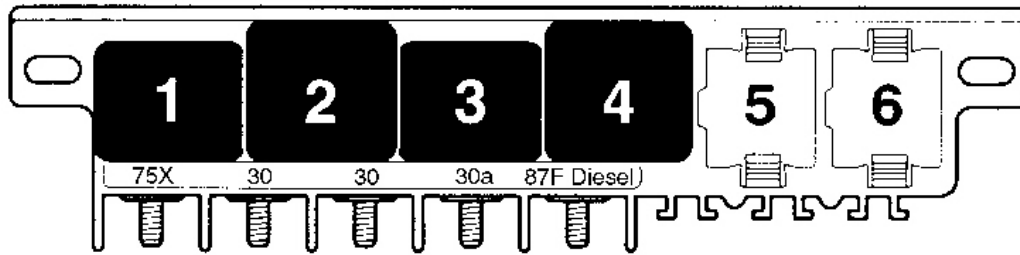


13-FOLD RELAY PANEL

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|-----------------------------|--|
| 1. Not Used | 8. Not Used |
| 2. Lamp Control Module | 9. Not Used |
| 3. Lamp Control Module | 10. Rear Window Defogger Relay |
| 4. Foglight Relay | 11. Not Used |
| 5. Starting Interlock Relay | 12. Mirror Fold-Away Function Control Module |
| 6. Not Used | 13. Coolant Circulation Pump Relay |
| 7. Brakelight Disable Relay | |

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Fig. 3: 13-Fold Relay Panel



MICRO CENTRAL ELECTRIC PANEL

1. Dual Horn Relay
2. Load Reduction Relay
3. Not Used
4. Fuel Pump (FP) Relay
5. Wiper/Washer Intermittent Relay
6. Wiper/Washer Intermittent Relay

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Fig. 4: Micro Central Electric Panel