

PRODEMAND

YMMS: 2014 Volkswagen Golf TDI

Jul 20,
2022

Engine: 2.0L Eng

License:

VIN:

Odometer:

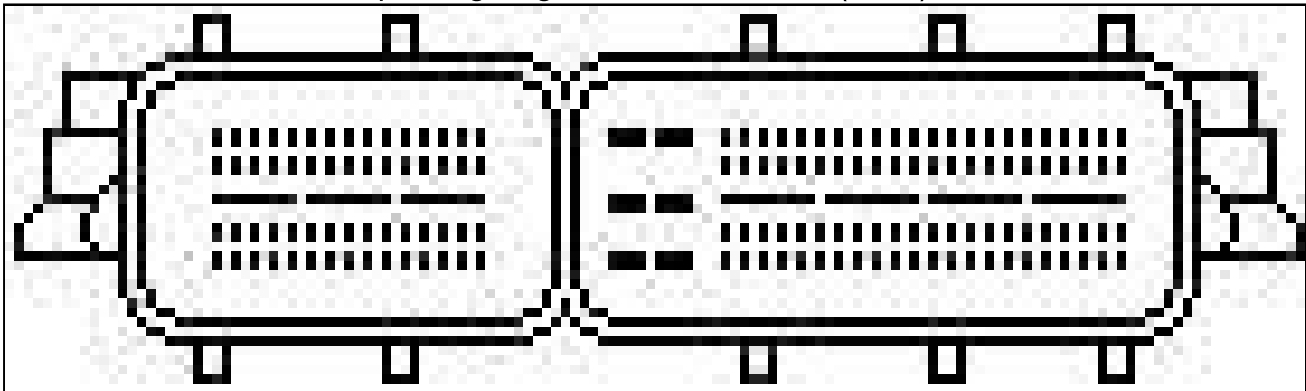
ECM,Engine

Module Location

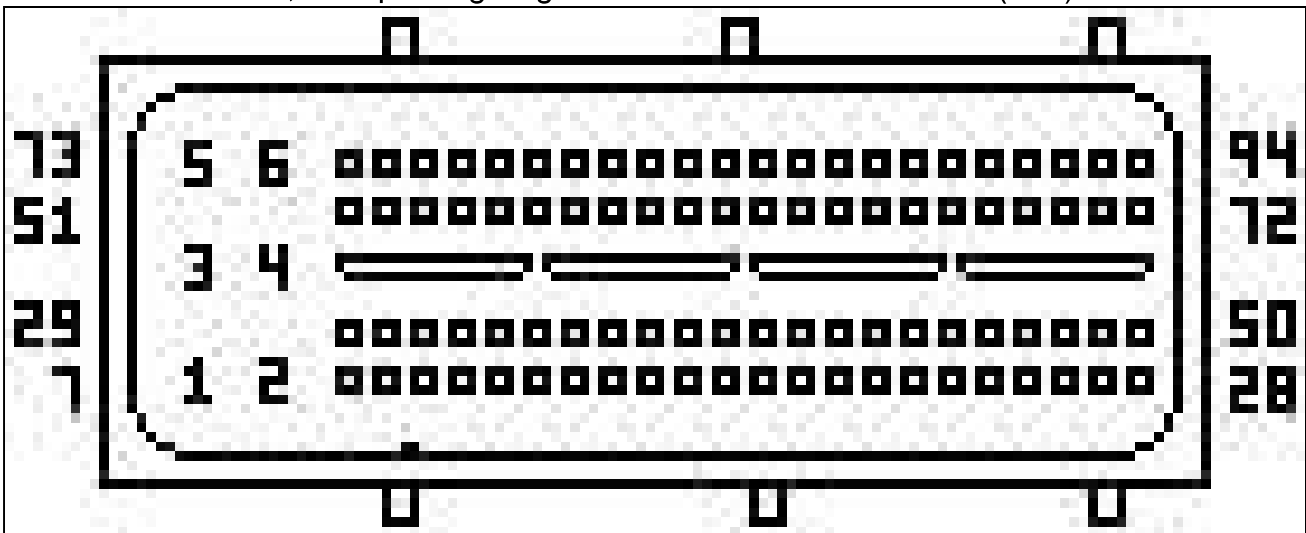
The ECM is located underneath the engine compartment fuse and relay cover, which is also referred to as the E-box.

Pinouts

View: Harness Side, Backprobing Engine Control Module (J623)



View: Harness Side, Backprobing Engine Control Module Connector (T94)



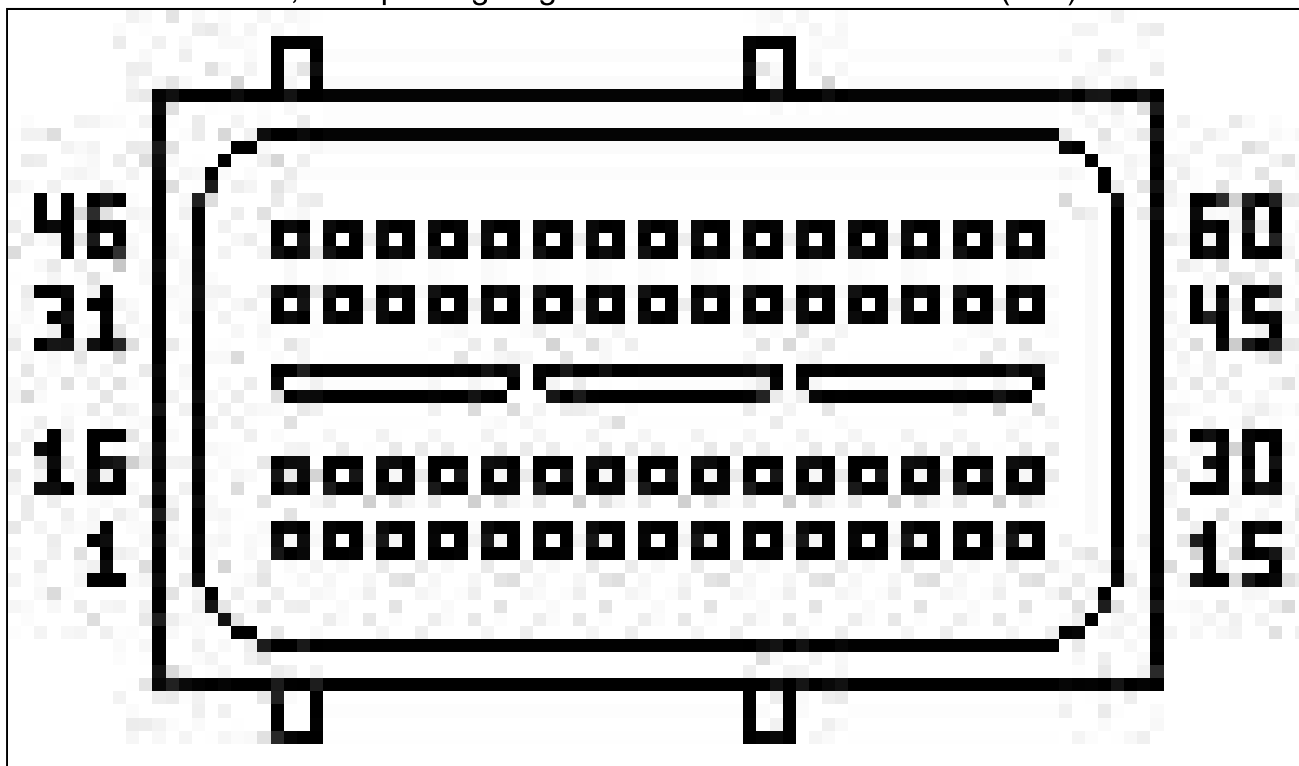
Pin Assignment	Wire Color
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1=Chassis Ground	Brown
2=Chassis Ground	Brown
3=Ignition (+)	Red- Green
4=Chassis Ground	Brown
5=Ignition (+)	Red- Green
6=Ignition (+)	Red- Green
7=Exhaust Door Control Unit Motor Ground	Brown - Blue
8=Accelerator Pedal Position Sensor 2 Ground	Gray - Blue
9=Exhaust Gas Temperature Sensor 1 Signal	Violet - Green
10=Not Used	
11=Exhaust Pressure Sensor 1 Signal	Blue - Violet
12=Not Used	
13=Accelerator Pedal Position Sensor 2 Reference Voltage	Gray - Black
14=Exhaust Door Control Unit Sensor Reference Voltage	Brown
15=Accelerator Pedal Position Sensor 1 Reference Voltage	Yellow - Green
16=Engine Coolant Temperature Sensor Signal	Yellow
17=Charge Air Pressure Sensor Reference Voltage	Gray - Black
18=Mass Airflow Sensor Signal	Black
19=Not Used	
20=Automatic Glow Time Control Module Signal	Violet - Gray
21=Brake Pedal Sensor Signal Input	White - Green
22=Not Used	
23=Intake Air Temperature Sensor Signal	Violet - Black
24-26=Not Used	
27=Aux Air Heater Low Heat Relay Output (If Equipped)	Violet - Blue
28=Not Used	
29=Exhaust Door Control Unit Sensor Signal	Violet
30=Intake Air Temperature Sensor Signal	Yellow

31=Exhaust Gas Temperature Sensor 2 Signal	Green
32=Exhaust Gas Temperature Sensor 3 Signal	Blue
33=Brake Lamp Switch Signal Input	Black -Red
34=Differential Pressure Sensor	Green
35-38=Not Used	
39=Mass Airflow Sensor Ground	Green
40-41=Not Used	
42=Electronic Steering Column Lock Control Module Signal (If Equipped)	Black -Red
43-45=Not Used	
46=Fuel Pump Relay Control	Black - Brown
47-50=Not Used	
51=Oxygen Sensor (B1-S2) Heater Ground (H-)	White
52=Not Used	
53=Accelerator Pedal Position Sensor 1 Signal	White - Blue
54=Accelerator Pedal Position Sensor 2 Signal	Brown - Blue
55=Oxygen Sensor (B1-S1) Trim Current (RT)	Black
56=Oxygen Sensor (B1-S1) Ground	Gray - White
57=Not Used	
58=Oxygen Sensor (B1-S2) Trim Current (RT)	Black
59=Oxygen Sensor(B1-S2) Ground	Yellow
60=Not Used	
61=Automatic Glow Time Control Module Signal	Violet - Yellow
62=Not Used	
63=Clutch Position Sensor Signal Input (Manual Transmission)	White -Red
64=Cruise Control Signal	Black - White
65=Alterator Signal	Blue - Black
66=Intake Air Temperature Sensor Ground	Brown
67=CAN-Low Signal	Orange -

	Brown
68=CAN-High Signal	Orange - Black
69=Terminal 30 Power Supply Relay Control	Black - Gray
70=Vehicle Electrical System Control Module Signal	Blue
71=Aux Air Heater High Heat Relay Output (If Equipped)	Violet -Red
72=Not Used	
73=Oxygen Sensor (B1-S1) Heater Ground (H-)	White
74=Accelerator Pedal Position Sensor 1 Ground	Gray -Red
75=Exhaust Gas Temperature Sensor 4 Signal	Red
76=Exhaust Door Control Unit Motor Power	Blue
77=Oxygen Sensor (B1-S1) Power Supply	Green
78=Oxygen Sensor (B1-S1) Sensor Signal (RE+)	Gray -Red
79=Exhaust Door Control Unit Sensor Ground	Black
80=Oxygen Sensor (B1-S2) Power Supply	Green
81=Oxygen Sensor Signal (RE+)	Gray - White
82=Not Used	
83=Charge Air Pressure Sensor Signal	Violet
84=Not Used	
85=Vehicle Electrical System Control Module Signal	Red- Black
86=Not Used	
87=Ignition (+)	Black - Yellow
88=Not Used	
89=Engine Coolant Temperature Sensor Ground	Brown
90=Cooling Fan Control Module Signal	Yellow - Violet
91=Not Used	
92=Ignition (+)	Red- Black
93=PCV Heater Control	Violet
94=Not Used	

View: Harness Side, Backprobing Engine Control Module Connector (T60)



Pin Assignment	Wire Color
1=Fuel Injector #3 Ground	Brown - Violet
2=Fuel Injector #2 Ground	Brown - White
3=Not Used	
4=EGR Valve 1 Motor Ground	Brown - White
5=Not Used	
6=Cylinder Pressure Sensor 2 Signal	Blue
7-9=Not Used	
10=Camshaft Position Sensor Reference Voltage	Yellow - Gray
11=Throttle Valve Control Module Signal	Brown - Violet
12-14=Not Used	
15=Fuel Pump Relay 2 Control	Black - Brown
16=Fuel Injector #3 Power	Red- Violet
17=Fuel Injector #2 Power	Red- White
18=Not Used	

19=EGR Valve 1 Motor Power	Blue - White
20=Wastegate Bypass Regulator Valve Control	Brown - Yellow
21=Cylinder Pressure Sensor 1 Signal	Yellow
22=Cylinder Pressure Sensor 4 Signal	Red
23=Cylinder Pressure Sensor 3 Signal	Green
24=Cylinder Pressure Sensor Power Supply	Black
25=EGR Valve 1 Position Sensor Reference Voltage	Yellow - Blue
26=Not Used	
27=Intake Manifold Runner Position Sensor Signal	Violet - Black
28-29=Not Used	
30=Throttle Position Sensor Signal	Brown -Red
31=Fuel Injector #1 Power	Red- Black
32=Fuel Injector #4 Power	Red- Gray
33=Not Used	
34=EGR Valve 2 Motor Ground	Brown
35=Intake Manifold Runner Motor Ground	Brown - Green
36=Cylinder Pressure Sensor Ground	Brown
37-39=Not Used	
40=Fuel Pressure Sensor Signal	Yellow - Brown
41=EGR Valve 2 Position Sensor Signal	Black - Yellow
42=Fuel Temperature Sensor Signal	Green
43=Engine Coolant Temperature Sensor Signal	Blue
44=Camshaft Position Sensor Signal	Green - Violet
45=Power From Converter Box	Red- Black
46=Fuel Injector #1 Ground	Brown - Black
47=Fuel Injector #4 Ground	Brown - Gray
48=Not Used	
49=EGR Valve 2 Motor Power	Black

50=Intake Manifold Runner Motor Power	Red-Green
51=Camshaft Position Sensor	Brown - Green
52=Engine Speed Sensor Signal	Yellow - Violet
53=EGR Valve 1 Position Sensor Ground	Brown -Red
54=EGR Temperature Sensor Ground	Brown
55=EGR Temperature Sensor Signal	Green - Blue
56=Not Used	
57=EGR Valve 1 Position Sensor Signal	Violet - Green
58=Charge Pressure Actuator Position Sensor Signal	Violet - Black
59=Not Used	
60=Fuel Pressure Regulator Valve Ground	Blue - Black