

2001 Boxster S DME 7.2 to 2002 Carrera DME 7.8

Unknown DME 7.8 Wires: 2 Plug "C" & 4 Plug "D" (White Boxes)
 DME 7.8 Wires assignments "Not Sure": 3 Plug "D" (Blue Boxes)

16 DME 7.2 wires Not accounted for

Connector I - 9 Pole

| DME 7.8 Pin Number | Designation (7.8 DME) | DME 7.2 Pin Number | DME 7.2 Pin Number | DME 7.2 Assignment | |
|--------------------|------------------------------|--------------------|--------------------|-----------------------|--|
| A1 | Terminal 15 | A1 | A1 | Terminal 15 | |
| A2 | Terminal 30 | A7 | A2 | Not Assigned | |
| A3 | W-Wire | A3 | A3 | W-Wire | |
| A4 | Ground Electronics | A4 | A4 | Ground Electronics | |
| A5 | Ground Fuel Injectors | A5 | A5 | Ground Fuel Injectors | |
| A6 | Ground Output Stages | A6 | A6 | Ground Output Stages | |
| A7 | Throttle Body Motor Actuator | C42 | A7 | Terminal 30 | |
| A8 | DME Relay Terminal 87 | A8 | A8 | DME Relay Terminal 87 | |
| A9 | Throttle Body Motor Actuator | C43 | A9 | Not Assigned | |

Connector II - 24 Pole

| DME 7.8 Pin Number | Designation (7.8 DME) | DME 7.2 Pin Number | DME 7.2 Pin Number | DME 7.2 Assignment | |
|--------------------|---------------------------------------|--------------------|--------------------|---------------------------------------|--------------|
| B1 | O2 Sensor Heater 2B | B1 | B1 | O2 Sensor Heater 2B | |
| B2 | Not Assigned | B2 | B2 | Not Assigned | |
| B3 | CAN Low (TIP) | B3 | B3 | CAN Low (TIP) | |
| B4 | CAN High (TIP) | B4 | B4 | CAN High (TIP) | |
| B5 | Not Assigned | B5 | B5 | Not Assigned | |
| B6 | Not Assigned | B6 | B6 | Not Assigned | |
| B7 | O2 Sensor Heater 1B | B7 | B7 | O2 Sensor Heater 1B | |
| B8 | Ground O2 Sensor 2B | B8 | B8 | Ground O2 Sensor 2B | |
| B9 | Ground O2 Sensor 1A | B9 | B9 | Ground O2 Sensor 1A | |
| B10 | Ground O2 Sensor 2A | B10 | B10 | Ground O2 Sensor 2A | |
| B11 | Ground O2 Sensor 1B | B11 | B11 | Ground O2 Sensor 1B | |
| B12 | Not Assigned | - | B12 | Auto Exhaust Gas Recirc Exam | |
| B13 | O2 Sensor Heater 2A | B13 | B13 | O2 Sensor Heater 2A | |
| B14 | Signal O2 Sensor 2B | B14 | B14 | Signal O2 Sensor 2B | |
| B15 | Signal O2 Sensor 1A | B15 | B15 | Signal O2 Sensor 1A | |
| B16 | Signal O2 Sensor 2A | B16 | B16 | Signal O2 Sensor 2A | |
| B17 | Signal O2 Sensor 1B | B17 | B17 | Signal O2 Sensor 1B | |
| B18 | Not Assigned | - | B18 | AC Relay | |
| B19 | O2 Sensor Heater 1A | B19 | B19 | O2 Sensor Heater 1A | |
| B20 | Not Assigned | - | B20 | Relay Blower Engine Compartment | |
| B21 | Engine Compartment Temperature Sensor | B21 | B21 | Engine Compartment Temperature Sensor | |
| B22 | 5V Supply Mass Air Flow Sensor | B22 | B22 | 5V Supply Mass Air Flow Sensor | |
| B23 | Not Assigned | - | B23 | Actuation Relay MFI+DI | Might be D26 |
| B24 | Not Assigned | B24 | B24 | | |

Connector III - 52 Pole

| DME 7.8 Pin Number | Designation (7.8 DME) | DME 7.2 Plug Pin Number | DME 7.2 Pin Number | DME 7.2 Assignment | |
|-----------------------|---|-------------------------------|--------------------------|---|-------------------------------|
| C1 | Valve Lift Control Cylinders 1-3 | 996 loom | C1 | | |
| C2 | Fuel Injector Cylinder 5 | C2 | C2 | Fuel Injector Cylinder 5 | |
| C3 | EVAP Canister Valve Closed | C3 | C3 | EVAP Canister Valve Closed | |
| C4 | Not Assigned | - | C4 | Intake Pipe Charge - over | |
| C5 | Oil Temperature Sensor | C5 | C5 | Oil Temperature Sensor | |
| C6 | Not Assigned | C6 | C6 | | |
| C7 | 5V Supply - Camshaft Posotion & Diff Pressure Sensors | C7 | C7 | 5V Supply - Camshaft Posotion & Diff Pressure Sensors | |
| C8 | Signal Throttle Position Sensor 2 | C8 | C8 | Signal Throttle Position Sensor 2 | |
| C9 | Ground Mass Airflow Sensor | C9 | C9 | Ground Mass Airflow Sensor | |
| C10 | 5V Supply Throttle Actuator (motor?) | C10 | C10 | 5V Supply Throttle Actuator (motor?) | |
| C11 | Trigger Secondary Air Pump Relay Term 85 | C11 | C11 | Trigger Secondary Air Pump Relay Term 85 | |
| C12 | Signal Camshaft Position Sensor 1 | C20 | C12 | | |
| C13 | Start Enable Tiptronic | C13 | C13 | Start Enable Tiptronic | |
| C14 | Secondary Air Valve | C30 | C14 | | |
| C15 | Fuel Injector Cylinder 3 | C15 | C15 | Fuel Injector Cylinder 3 | |
| C16 | Overrun Recirculating Valve | | C16 | | |
| C17 | Ground for all sensors | C17 | C17 | Ground for all sensors | |
| C18 | Signal Camshaft Position Sensor 2 | C19 | C18 | | |
| C19 | Not Assigned | - | C19 | Signal Camshaft Position Sensor 2 | Might not be used on 2002 3.6 |
| C20 | Not Assigned | - | C20 | Signal Camshaft Position Sensor 1 | |
| C21 | Not Assigned | - | C21 | Ground - Throttle Body | |
| C22 | Engine Coolant Temp Sensor | C22 | C22 | Engine Coolant Temp Sensor | |
| C23 | Signal Mass Air Flow Sensor | C23 | C23 | Signal Mass Air Flow Sensor | |
| C24 | Signal Throttle Position Sensor 1 | C24 | C24 | Signal Throttle Position Sensor 1 | |
| C25 | Ground - Throttle Position Sensors | C25 | C25 | Ground - Throttle Position Sensors | |
| C26 | Valve Lift Control Cylinders 4-6 | 996 loom | C26 | | |

Connector III - 52 Pole

| DME 7.8 Pin Number | Designation (7.8 DME) | DME 7.2 Plug Pin Number | DME 7.2 Pin Number | DME 7.2 Assignment | |
|--------------------|--|-------------------------|--------------------|-------------------------------|-------------------------------|
| C27 | Fuel Injector Cylinder 4 | C27 | C27 | Fuel Injector Cylinder 4 | |
| C28 | Fuel Injector Cylinder 6 | C28 | C28 | Fuel Injector Cylinder 6 | |
| C29 | Not Assigned | C29 | C29 | | |
| C30 | Not Assigned | - | C30 | Secondary Air Pump Valve | |
| C31 | Not Assigned | C31 | C31 | | |
| C32 | Ground - Speed Sensor Shield | C45 | C32 | Signal A Speed Sensor | |
| C33 | Not Assigned | C33 | C33 | | |
| C34 | Air Intake Temperature Sensor | C34 | C34 | Air Intake Temperature Sensor | |
| C35 | Not Assigned | C35 | C35 | | |
| C36 | Input Knock Sensor 2 | C36 | C36 | Input Knock Sensor 2 | |
| C37 | Ground Knock Sensor 2 | C37 | C37 | Ground Knock Sensor 2 | |
| C38 | Not Assigned | C38 | C38 | | |
| C39 | Not Assigned | C39 | C39 | | Might not be used on 2002 3.6 |
| C40 | Fuel Injector Cylinder 2 | C40 | C40 | Fuel Injector Cylinder 2 | |
| C41 | Fuel Injector Cylinder 1 | C41 | C41 | Fuel Injector Cylinder 1 | |
| C42 | Not Assigned | C42 | C42 | | |
| C43 | Not Assigned | C43 | C43 | | |
| C44 | Not Assigned | C44 | C44 | | |
| C45 | Signal A Speed Sensor | C32 | C45 | Ground - Speed Sensor Shield | |
| C46 | Ground A Speed Sensor | C46 | C46 | GroundSignal B Speed Sensor | |
| C47 | Not Assigned | C47 | C47 | | |
| C48 | Not Assigned | C48 | C48 | | |
| C49 | Input Knock Sensor 1 | C49 | C49 | Input Knock Sensor 1 | |
| C50 | Ground Knock Sensor 1 | C50 | C50 | Ground Knock Sensor 1 | |
| C51 | Not Assigned | C51 | C51 | | |
| C52 | Speed Sensor from ABS Module (ESO Rear?) | | C52 | | ESO Rear |

Note: C52 might be a Rear Wheel Speed sensor? Might be D22?

Connector IV - 40 Pole

| DME 7.8 Pin Number | Designation (7.8 DME) | DME 7.2 Plug Pin Number | DME 7.2 Pin Number | DME 7.2 Assignment | |
|--------------------|---|-------------------------|--------------------|--|---------------------------------|
| D1 | Clutch Interlock Switch | D1 | D1 | Clutch Interlock Switch | |
| D2 | Not Assigned | D2 | D2 | | |
| D3 | Not Assigned | D3 | D3 | | |
| D4 | Coolant Fan Stage 1 | D4 | D4 | Coolant Fan Stage 1 | |
| D5 | Not Assigned | - | D5 | Varient Code Tiptronic | |
| D6 | Not Assigned | - | D6 | AC Demand | |
| D7 | Ground Pedal Sensor 1 | D7 | D7 | Ground Pedal Sensor 1 | |
| D8 | Signal Pedal Sensor 1 | D8 | D8 | Signal Pedal Sensor 1 | |
| D9 | 5V Supply Pedal Sensor 1 | D9 | D9 | 5V Supply Pedal Sensor 1 | |
| D10 | Trigger Fuel Pump Relay Term 85 | D10 | D10 | Trigger Fuel Pump Relay Term 85 | |
| D11 | Not Assigned | - | D11 | DIM Status | |
| D12 | Ground Pedal Sensor 2 | D12 | D12 | Ground Pedal Sensor 2 | |
| D13 | Signal Pedal Sensor 2 | D13 | D13 | Signal Pedal Sensor 2 | |
| D14 | 5V Supply Pedal Sensor 2 | D14 | D14 | 5V Supply Pedal Sensor 2 | |
| D15 | Ground - Differential Pressure Sensor | D15 | D15 | Ground - Differential Pressure Sensor | |
| D16 | Crash - Airbag Sensor | D16 | D16 | Crash - Airbag Sensor | |
| D17 | Speed Signal Output | | D17 | TN - Auto Exhaust Gas Recirc Exam | |
| D18 | Not Assigned | - | D18 | Cruise Control Light | |
| D19 | Not Assigned | - | D19 | Cruise Control Off | |
| D20 | Coolant Fan Stage 2 | D20 | D20 | Coolant Fan Stage 2 | |
| D21 | Signal Differential Pressure | D21 | D21 | Signal Differential Pressure | |
| D22 | Not Assigned | - | D22 | ABS and PSM | |
| D23 | Not Assigned | D23 | D23 | | |
| D24 | Automatic I/M Test or Oil Press. Swtch | | D24 | Stop Light Switch 1 | |
| D25 | Engine Compartment Fan Relay | B20 | D25 | CC Set | |
| D26 | Trigger DME Relay (MFI+DI Relay Cntrl) | Probably B23 | D26 | | |
| D27 | AC Compressor Relay | B18 | D27 | CC Resume | |
| D28 | Not Assigned | - | D28 | Brake Pressure Switch | |
| D29 | Knocking Signal | Might be "Not Assigned" | D29 | | |
| D30 | EVAP Canister Shutoff Valve | | D30 | AAV Valve | Auxiliary air valve - cold idle |
| D31 | Coolant Fan Stage 3 | N/A | D31 | Malfunction Indication Light | |
| D32 | Not Assigned | D32 | D32 | | |
| D33 | Manual Transmission Start (Alternt) Enable | Probably D40 | D33 | KVA | |
| D34 | AC Medium Pressure Switch | Probably Not Used | D34 | Fuel Tank Reserve | |
| D35 | Not Assigned | D35 | D35 | | |
| D36 | CAN High - PSM & Instrument Cluster | D36 | D36 | CAN High - PSM & Instrument Cluster | |
| D37 | CAN Low - PSM & Instrument Cluster | D37 | D37 | CAN Low - PSM & Instrument Cluster | |
| D38 | Not Assigned | D38 | D38 | | |
| D39 | Not Assigned | - | D39 | Mean Pressure Switch | Cooling Water Pressure Switch |
| D40 | Tiptronic Cooling Shut Off | - | D40 | Start Lock Relay | Might be D40 |

Connector V - 9 Pole

| DME 7.8 Pin Number | Designation (7.8 DME) | DME 7.2 Plug Pin Number | DME 7.2 Pin Number | DME 7.2 Assignment | |
|-----------------------|----------------------------|-------------------------------|--------------------------|----------------------------|--|
| E1 | Cylinder 6 Ignition Coil | E8 | E1 | Camshaft Adjustment Bank 1 | |
| E2 | Cylinder 4 Ignition Coil | E2 | E2 | Cylinder 4 Ignition Coil | |
| E3 | Cylinder 2 Ignition Coil | E7 | E3 | Camshaft Adjustment Bank 2 | |
| E4 | Cylinder 5 Ignition Coil | E4 | E4 | Cylinder 5 Ignition Coil | |
| E5 | Ground | E5 | E5 | Ground | |
| E6 | Cylinder 1 Ignition Coil | E6 | E6 | Cylinder 1 Ignition Coil | |
| E7 | Camshaft Adjustment Bank 1 | E1 | E7 | Cylinder 2 Ignition Coil | |
| E8 | Camshaft Adjustment Bank 2 | E3 | E8 | Cylinder 6 Ignition Coil | |
| E9 | Cylinder 3 Ignition Coil | E9 | E9 | Cylinder 3 Ignition Coil | |