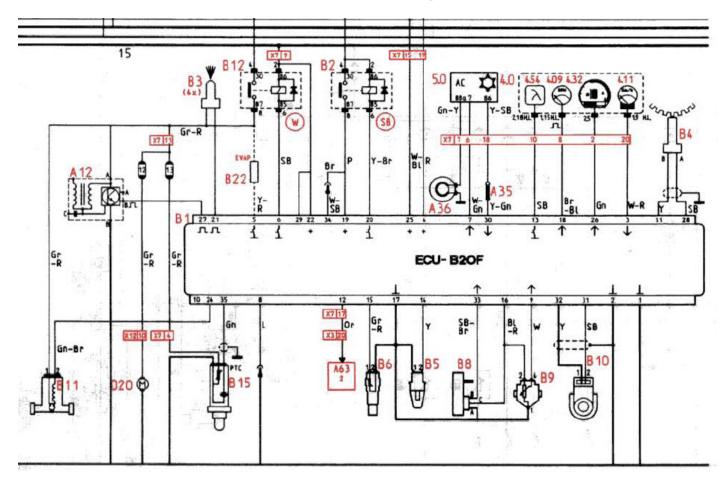


92-93 Volvo B20F Diagram



| 4.0 | Instrument panel |
|-----|---|
| 5.0 | Ventilation and heating module (VM) |
| A12 | Electronic ignition unit |
| A35 | Low pressure switch, AC |
| A36 | Compressor clutch, AC |
| A63 | Diagnostic tester |
| B1 | ECU, fuel injection system |
| B2 | Relay, fuel injection system |
| B3 | Injector(s) |
| B4 | Engine speed transmitter, flywheel |
| B5 | Intake air temperature transmitter |
| B6 | Coolant temperature transmitter |
| B8 | Air pressure transmitter, fuel injection system |
| B9 | Throttle valve switch |
| B10 | Knock sensor |
| B11 | Idle speed regulating valve |
| B12 | Fuel pump relay |
| B15 | Oxygen sensor |
| B22 | EVAPD20 |
| D20 | Fuel pump, fuel injection system |
| | |
| X3 | 20-pin connector (black) |
| X7 | 20-pin connector (red) |
| X12 | 20-pin connector (white) |
| | |

| Volvo Pin | Description | ExtraEFI Loom | MS Pin |
|-----------|-----------------------|-----------------|--------|
| 14 | Air Sensor | Grey / Blue | 20 |
| 15 | Coolant Sensor | Purple | 21 |
| 9 | TPS Sig | Blue | 22 |
| 35 | O2 Sensor | Pink | 23 |
| 28 | Crank VR sensor | Red in Screen | 24 |
| 11 | Crank VR sensor | Black in Screen | 8 |
| 16 | TPS 5V | Grey | 26 |
| 4 | 12V Ignition | Red | 28 |
| 24 | Idle Valve | Brown | 30 |
| 21 | Injectors | White | 32 |
| 6 | Injection Relay | Black | 37 |
| 21 | Aux Water Pump | SPR1-4 | |
| 27 | Ignition Coil | Grey | 36 |

Connect volvo ECU pin17 to engine block via 0.75mm cable

I have not tested the VR (Crank sensor) polarity, so you may need to swap pins 28 and 11 over on the Volvo ECU if you get no RPM

Please note: This has not been tested and is therefore for information only!

Please check the wiring is the same on your car as this diagram!!

No warranty expressed or implied!!!

Use at your own risk!

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