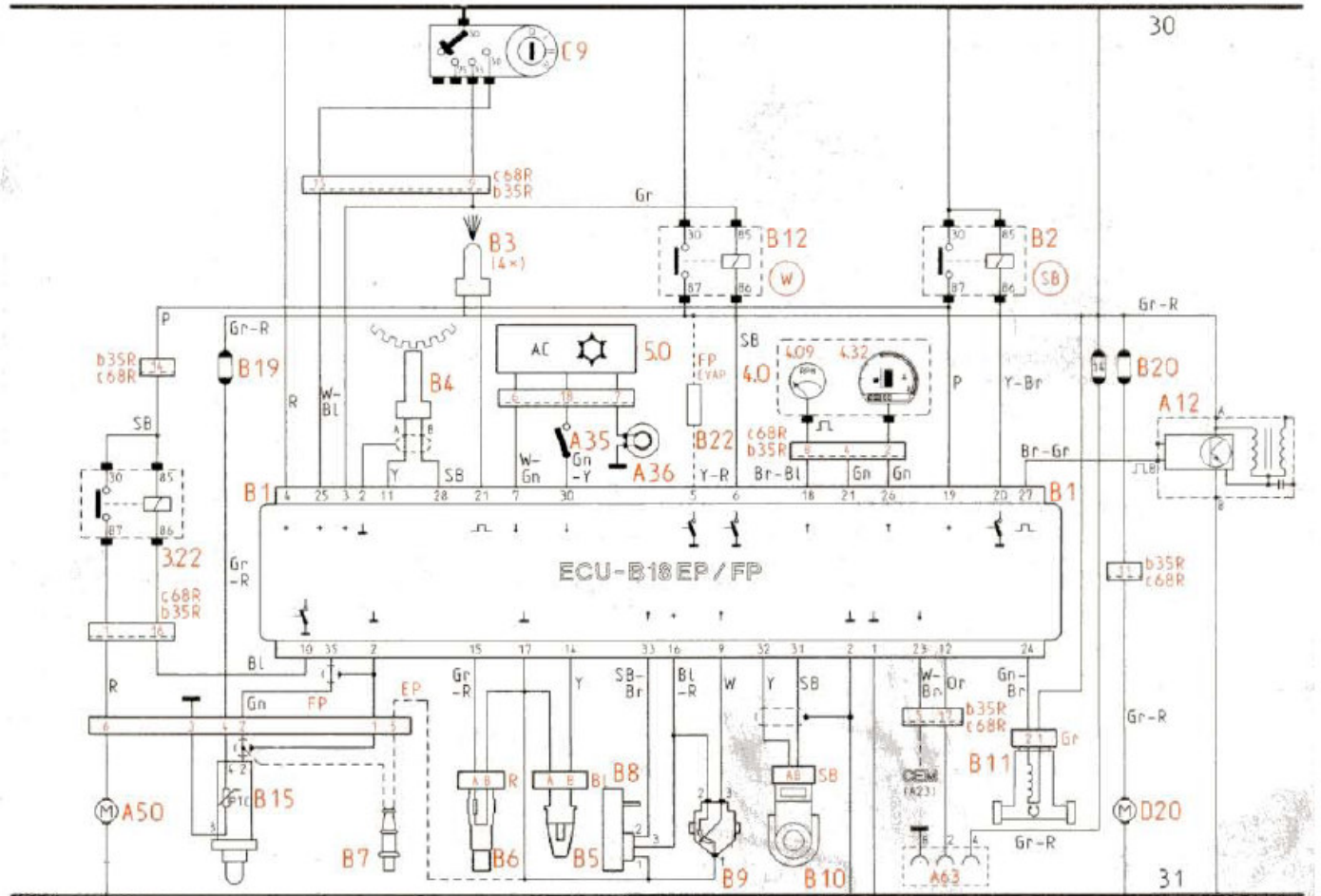




1991 Volvo B18EP/FP engine



- 3.22 (D) Relay, auxiliary water pump
- A12 Electronic ignition unit
- A35 Low pressure switch, AC
- A36 Compressor clutch, AC
- A50 Auxiliary water pump
- A63 Diagnostic test point, B18EP/FP and CEM
- B1 ECU, fuel injection system
- B2 Relay, fuel injection system
- B3 Injectors
- B4 Engine speed transmitter, flywheel
- B5 Intake air temperature transmitter
- B6 Coolant temperature transmitter, B18EP/FP
- B7 Potentiometer, CO setting
- B8 Air pressure transmitter, fuel injection system
- B9 Throttle valve switch
- B10 Knock sensor
- B11 Regulating valve, idle speed
- B12 Fuel pump relay
- B15 Oxygen sensor
- B19 Fuse (next to B2), oxygen sensor
- B20 Fuse (next to B12), fuel pump
- B22 EVAP
- C9 Ignition/starter switch
- D20 Fuel pump, fuel injection system

Volvo Pin	Description	ExtraEFI Loom	MS Pin
14	Air Sensor	Grey / Blue	20
16	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
3	12V Ignition	Red	28
24	Idle Valve	Brown	30
21	Injectors	White	32
6	Injection Relay	Black	37
20	Aux Water Pump	SPR1-4	
27	Ignition Coil	Grey	36

Connect volvo ECU pin17 to engine block via 0.75mm cable

Note: Aux water pump will need to be an optional extra if its needed.

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!

www.ExtraEFI.co.uk