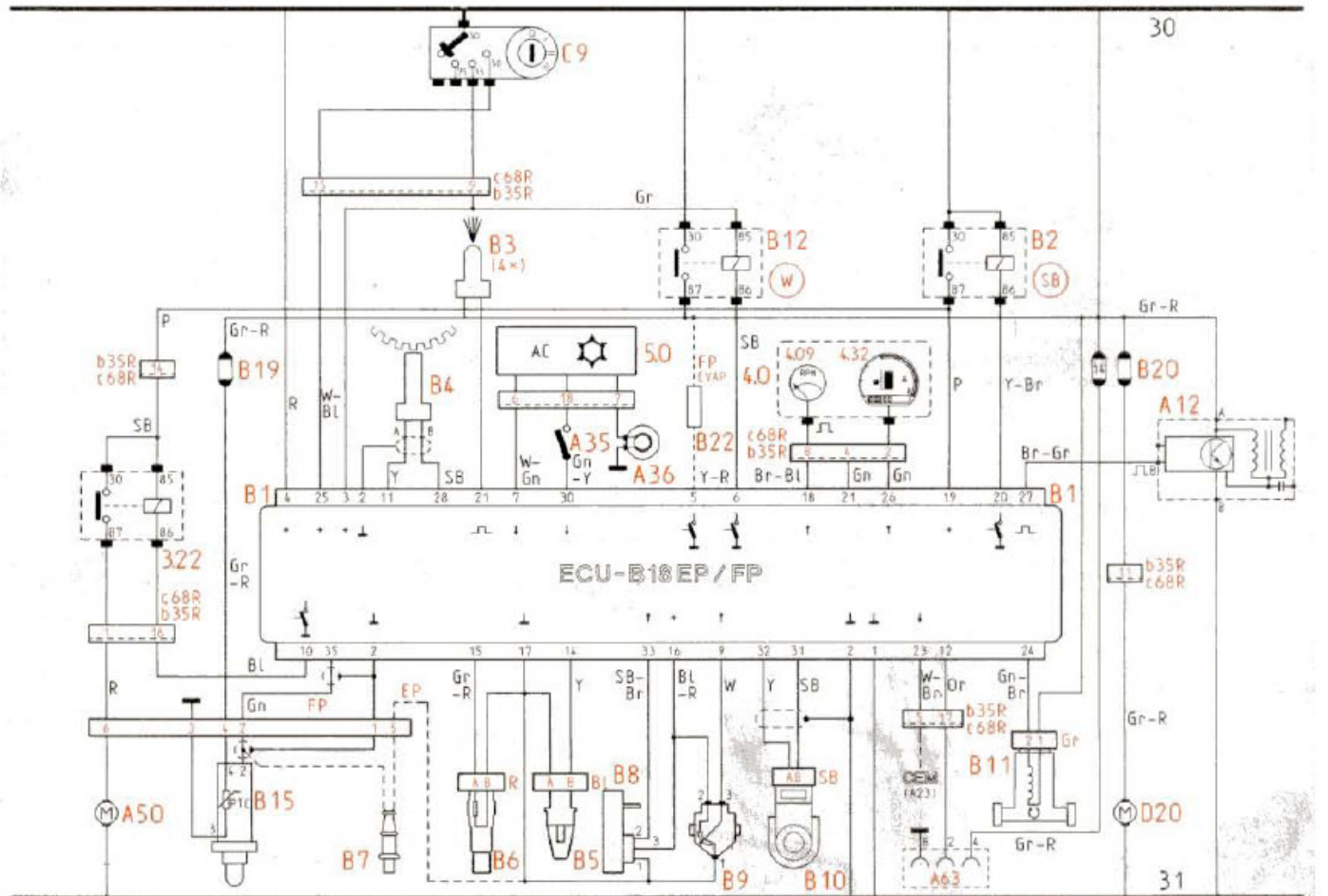




1991 Volvo B18EP/FP engine



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!

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