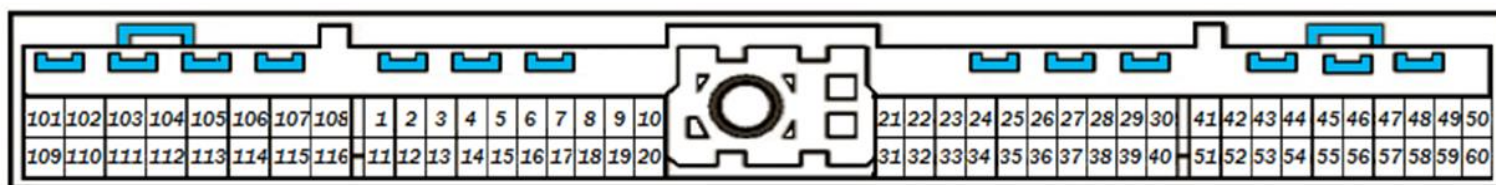


## 1991-1995 VH45DE ECU PINOUT



WIRED BY

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### VH45DE Wiring Diagram

Pin #	Color	Description	Pin #	Color	Description
1		Ignition 1	39		EGR TEMP
2		Ignition 8	40		POWER STEERING SWITCH
3		Ignition 7	41		CAM ANGLE SENSOR (120 DEGREE)
4		Fan Relay LOW (Ground signal for ON)	42		CRANK ANGLE SENSOR (1 DEGREE)
5		Fan Relay HIGH (Ground Signal for ON)	43		IGNITION SWITCH START SIGNAL
6		FP Control Unit	44		NEUTRAL SWITCH
7		TACHOMETER SPEED SIGNAL	45		IGNITION SWITCH (IGN)
8		Canister Control Solenoid	46		A/C SWITCH
9		A/C RELAY	47		(CHK) CHECK (DIAGNOSIS ACTIVATION)
10		<b>Engine Ground</b>	48		5v Power Supply
11		Ignition 3	49		ECCS POWER +12v
12		Ignition 6	50		Engine Ground
13		Ignition 5	51		CAM ANGLE SENSOR (120 DEGREE)
14		Ignition 4	52		SUB-CAMSHAFT Sensor
15		Ignition 2	53		VEHICLE SPEED SENSOR
16		ECCS RELAY	54		THROTTLE VALVE SWITCH (Closed)
17			55		O2 Sensor LH side
18		FUEL PUMP RELAY	56		AUTO TRANS
19		FP Control Unit	57		THROTTLE VALVE SWITCH
20		<b>Engine Ground</b>	58		<b>BATTERY POWER SUPPLY</b>
21		(RX) RECEIVE	59		ECCS POWER +12v
22		(TX) TRANSMIT	60		Engine Ground
23		Knock Sensor RH SIDE	101		Injector 1
24		Knock Sensor LH SIDE	102		EGR Solenoid
25			103		Injector 7
26		MAFS SIGNAL GROUND	104		VTC Solenoid
27		MAFS SIGNAL	105		Injector 6
28		ENGINE TEMP SENSOR	106		Injector 2
29		O2 Sensor RH side	107		<b>INJECTOR GROUND</b>
30		<b>SENSOR GROUND</b>	108		<b>INJECTOR GROUND</b>
31		CLOCK (SYNCHRONIZATION SIGNAL)	109		INJECTOR POWER SUPPLY
32		Check Engine Light (CEL)	110		Injector 8
33			111		Idle Control Valve
34		AUTO TRANS	112		Injector 3
35		AUTO TRANS	113		Injector 4
36		TCM	114		Injector 5
37		TCM	115		O2 Heater Trigger
38		TPS Output	116		<b>INJECTOR GROUND</b>