

ECU Pinouts

Pin Number	Non-OBDR3/PWO Ecu	Non-OBDR4 ECU	OBDR1 PR4 ECU	OBDR1 P61 ECU	OBDR1 P72 ECU	OBDR2 P72 ECU	OBDR2 P73 ECU
A1	#1 Injector	#1 Injector	#1 Injector	#1 Injector	#1 Injector	#4 Injector	#4 Injector
A2	Ground	Ground	#4 Injector	#4 Injector	#4 Injector	#3 Injector	#3 Injector
A3	#2 Injector	#2 Injector	#2 Injector	#2 Injector	#2 Injector	#2 Injector	#2 Injector
A4	Ground	Ground	-	VTEC Spool Solenoid Valve	VTEC Spool Solenoid Valve	#1 Injector	#1 Injector
A5	#3 Injector	#3 Injector	#3 Injector	#3 Injector	#3 Injector	Second O2 Sensor Heat Control	Second O2 Sensor Heat Control
A6	Ground	Ground	O2 Sensor Heat Control	O2 Sensor Heat Control	O2 Sensor Heat Control	Primary O2 Sensor Heat Control	Primary O2 Sensor Heat Control
A7	#4 Injector	#4 Injector	Fuel Pump Relay (FLR1)	Fuel Pump Relay (FLR1)	Fuel Pump Relay (FLR1)	-	-
A8	VTEC Spool Solenoid Valve	-	Fuel Pump Relay (FLR2)	Fuel Pump Relay (FLR2)	Fuel Pump Relay (FLR2)	VTEC Spool Solenoid Valve	VTEC Spool Solenoid Valve
A9	-	-	EACV	EACV	EACV	Logic Ground (LG1)	Logic Ground (LG1)
A10	Pressure Regulator Cutt-off Solenoid Valve	Pressure Regulator Cutt-off Solenoid Valve	Pressure Regulator Cut-off Solenoid Valve	-	-	Power Ground (PG1)	Power Ground (PG1)
A11	EACV	EACV	-	-	-	Power Source (IGP1)	Power Source (IGP1)
A12	Main Relay	Main Relay	-	-	-	Idle Air Control Valve (IACV)	Idle Air Control Valve (IACV)
A13	Main Relay	Main Relay	Check Engine Light (MIL)	Check Engine Light (MIL)	Check Engine Light (MIL)	-	-
A14	Main Relay	Main Relay	-	-	-	-	-
A15	Main Relay	Main Relay	A/C Clutch Relay	A/C Clutch Relay	A/C Clutch Relay	Evap. Purge Control Solenoid	Evap. Purge Control Solenoid

						Valve (PCS)	Valve (PCS)
A16	Ground	Ground	-	-	-	Fuel Pump Relay (FLR)	Fuel Pump Relay (FLR)
A17	-	-	-	-	-	A/C Clutch Relay	A/C Clutch Relay
A18	Ground	Ground	-	-	-	Check Engine Light (MIL)	Check Engine Light (MIL)
A19	-	-	-	-	-	Alternator Control (ALTC)	Alternator Control (ALTC)
A20	-	-	-	Purge Control Solenoid Valve	Purge Control Solenoid Valve	Ignition Control Module (ICM)	Ignition Control Module (ICM)
A21	-	-	Ignitor Power Source (IGP1)	Ignitor Power Source (IGP1)	Ignitor Power Source (IGP1)	-	-
A22	-	-	Ignitor Power Source (IGP2)	Ignitor Power Source (IGP2)	Ignitor Power Source (IGP2)	Logic Ground (LG2)	Logic Ground (LG2)
A23	-	-	Power Ground (PG1)	Power Ground (PG1)	Power Ground (PG1)	Power Ground (PG2)	Power Ground (PG2)
A24	-	-	Power Ground (PG2)	Power Ground (PG2)	Power Ground (PG2)	Power Source (IGP2)	Power Source (IGP2)
A25	-	-	Main Relay IGP1 (IG Power)	Main Relay IGP1 (IG Power)	Main Relay IGP1 (IG Power)	Reference Voltage (VREF)	Reference Voltage (VREF)
A26	-	-	Logic Ground (LG1)	Logic Ground (LG1)	Logic Ground (LG1)	Intake Air Bypass Control Solenoid Valve (IAB)	Intake Air Bypass Control Solenoid Valve (IAB)
A27	-	-	-	-	-	Radiator Fan Control (FANC)	Radiator Fan Control (FANC)
B1	Ignition Switch	Ignition Switch	Power Source (IGP2)	Power Source (IGP2)	Power Source (IGP2)	-	-
B2	-	-	Logic Ground (LG2)	Logic Ground (LG2)	Logic Ground (LG2)	-	-
B3	A/C Clutch Relav	A/C Clutch Relav	-	-	-	-	-

B4	-	-	Service Check Connector	Service Check Connector	Service Check Connector	-	-
B5	VTEC Pressure Switch	-	A/C Switch (ACS)	A/C Switch (ACS)	A/C Switch (ACS)	-	-
B6	Check Engine Light	Check Engine Light	-	-	-	-	-
B7	-	-	-	-	-	-	-
B8	A/C Switch (ACS)	A/C Switch (ACS)	P/S Oil Pressure Switch	P/S Oil Pressure Switch	P/S Oil Pressure Switch	-	-
B9	-	-	Starter Switch Signal (STS)	Starter Switch Signal (STS)	Starter Switch Signal (STS)	-	-
B10	Crank Angle Sensor	Crank Angle Sensor	Speed Sensor	Speed Sensor	Speed Sensor	-	-
B11	Rear Defogger Switch	-	Cyl. Sensor	Cyl. Sensor	Cyl. Sensor	-	-
B12	Crank Angle Sensor	Crank Angle Sensor	Cyl. Sensor	Cyl. Sensor	Cyl. Sensor	-	-
B13	Ignition Switch	Ignition Switch	TDC Sensor	TDC Sensor	TDC Sensor	-	-
B14	Alternator	Alternator	TDC Sensor	TDC Sensor	TDC Sensor	-	-
B15	Igniter	Igniter	Crank Angle Sensor	Crank Angle Sensor	Crank Angle Sensor	-	-
B16	Speed Sensor	Speed Sensor	Crank Sensor	Crank Sensor	Crank Sensor	-	-
B17	Igniter	Igniter	-	-	-	-	-
B18	-	-	-	-	-	-	-
B19	Knock Sensor	P/S Oil Pressure Switch	-	-	-	-	-
B20	Ignition Timing Adjusting Connector	Ignition Timing Adjusting Connector	-	-	-	-	-
C1	Cylinder Position Sensor	Cylinder Position Sensor	-	-	-	CKF Sensor (CKF-P)	CKF Sensor (CKF-P)
C2	Cylinder Position Sensor	Cylinder Position Sensor	-	-	-	CKP Sensor (CKP-P)	CKP Sensor (CKP-P)
C3	TDC Sensor	TDC Sensor	-	-	-	TDC Sensor	TDC Sensor

						(TDC-P)	(TDC-P)
C4	TDC Sensor	TDC Sensor	-	-	-	CYP Sensor (CYP-P)	CYP Sensor (CYP-P)
C5	Intake Air Temp Sensor	Intake Air Temp Sensor	-	-	-	A/C Switch (ACS)	A/C Switch (ACS)
C6	TW Sensor	TW Sensor	-	-	-	Starter Switch Signal (STS)	Starter Switch Signal (STS)
C7	Throttle Position Sensor (TPS)	Throttle Position Sensor (TPS)	-	-	-	Service Check & Ignition Timing Connector (SCS)	Service Check & Ignition Timing Connector (SCS)
C8	O2 Sensor B	-	-	-	-	K-Line	K-Line
C9	P/S Oil Pressure Switch	PA Sensor	-	-	-	Feedback At Signal (FAS)	Feedback At Signal (FAS)
C10	Brake Switch	Brake Switch	-	-	-	Voltage Back Up (VBU)	Voltage Back Up (VBU)
C11	MAP Sensor	MAP Sensor	-	-	-	CKF Sensor (CKF-M)	CKF Sensor (CKF-M)
C12	Ignition Timing Adjusting Connector	Ignition Timing Adjusting Connector	-	-	-	CKP Sensor (CKP-M)	CKP Sensor (CKP-M)
C13	Intake Air Temp Sensor	Intake Air Temp Sensor	-	-	-	TDC Sensor (TDC-M)	TDC Sensor (TDC-M)
C14	MAP Sensor	MAP Sensor	-	-	-	CYP Sensor (CYP-M)	CYP Sensor (CYP-M)
C15	MAP Sensor	MAP Sensor	-	-	-	VTEC Pressure Switch (VTM)	VTEC Pressure Switch (VTM)
C16	O2 Sensor A	-	-	-	-	P/S Oil Pressure Switch	P/S Oil Pressure Switch
C17	-	-	-	-	-	Alternator FR Signal (ALTF)	Alternator FR Signal (ALTF)
C18	-	-	-	-	-	Vehicle Speed Sensor (VSS)	Vehicle Speed Sensor (VSS)
C19	-	-	-	-	-	-	-
C20	-	-	-	-	-	-	-

C21	-	-	-	-	-	Barometric Sensor Output Signal	Barometric Sensor Output Signal
C22	-	-	-	-	-	-	-
C23	-	-	-	-	-	-	-
C24	-	-	-	-	-	-	-
C25	-	-	-	-	-	-	-
C26	-	-	-	-	-	-	-
C27	-	-	-	-	-	-	-
C28	-	-	-	-	-	-	-
C29	-	-	-	-	-	-	-
D1	-	-	Back Up Fuse	Back Up Fuse	Back Up Fuse	Throttle Position Sensor (TPS)	Throttle Position Sensor (TPS)
D2	-	-	Brake Switch	Brake Switch	Brake Switch	Engine Coolant Temp. Sensor (ECT)	Engine Coolant Temp. Sensor (ECT)
D3	-	-	-	Knock Sensor	Knock Sensor	MAP Sensor	MAP Sensor
D4	-	-	Service Check & Ignition Timing Connector (SCS)	Service Check & Ignition Timing Connector (SCS)	Service Check & Ignition Timing Connector (SCS)	Sensor Voltage (VCC1)	Sensor Voltage (VCC1)
D5	-	-	-	-	-	Brake Switch	Brake Switch
D6	-	-	-	VTEC Pressure Switch (VTM)	VTEC Pressure Switch (VTM)	Knock Sensor	Knock Sensor
D7	-	-	Data Link Connector	Data Link Connector	Data Link Connector	Primary O2 Sensor	Primary O2 Sensor
D8	-	-	-	-	-	Intake Air Temp. Sensor	Intake Air Temp. Sensor
D9	-	-	Alternator	Alternator	Alternator	-	-
D10	-	-	-	-	-	Sensor Voltage (VCC2)	Sensor Voltage (VCC2)
D11	-	-	Throttle Position Sensor (TPS)	Throttle Position Sensor (TPS)	Throttle Position Sensor (TPS)	Sensor Ground (SG2)	Sensor Ground (SG2)
D12	-	-	-	-	-	Sensor Ground (SG1)	Sensor Ground (SG1)

D13	-	-	TW Sensor	TW Sensor	TW Sensor	Secondary Heated O2 Sensor Ground	Secondary Heated O2 Sensor Ground
D14	-	-	O2 Sensor	O2 Sensor	O2 Sensor	Secondary Heated O2 Sensor	Secondary Heated O2 Sensor
D15	-	-	Intake Air Temp. Sensor	Intake Air Temp. Sensor	Intake Air Temp. Sensor	Electric Load Detector (ELD)	Electric Load Detector (ELD)
D16	-	-	-	-	-	-	-
D17	-	-	MAP Sensor (PB)	MAP Sensor (PB)	MAP Sensor (PB)	-	-
D18	-	-	-	-	-	-	-
D19	-	-	Sensor Voltage (VCC1)	Sensor Voltage (VCC1)	Sensor Voltage (VCC1)	-	-
D20	-	-	Sensor Voltage (VCC2)	Sensor Voltage (VCC2)	Sensor Voltage (VCC2)	-	-
D21	-	-	Sensor Ground (SG1)	Sensor Ground (SG1)	Sensor Ground (SG1)	-	-
D22	-	-	Sensor Ground (SG2)	Sensor Ground (SG2)	Sensor Ground (SG2)	-	-