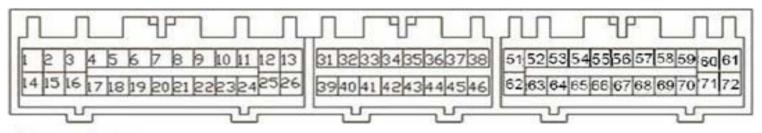
EVO I - III ECU PINOUTS



View on wire side

26 POWER GROUND + TIMING GROUND (CHASSIS)

NJECTOR 1	Y-I		31 TACHO (RPM SIGNAL)	W	51 STARTER MOTOR SWITCH SIGNAL B-Y	/
	L-G		32	· ·		
	G-B		33 FUEL PRESSURE SOL VSV	W-B	53	
DLE AIR/SPEED CONTROLLER 1 (MOTOR DRIVE VALVE) BLUE	L		34 OCTANE ADJUST (IGNITION TIMING ADJUSTMENT CONNECTOR)	B-L	54 EXHAUST TEMP + R	
DLE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE	W		35 H02S - HEATED OXYGEN SENSOR (OXYGEN HEATER OPEN COLLECTOR FRONT)		55	
EXHAUST GAS RECIRCULATION SOLENOID/VALVE (SECONDARY AIR SOLENOID)	G-W		36 CHECK ENGINE LIGHT (MALFUNCTION INDICATOR LAMP)	LG-R	56 LAMBDA (O2 SIGNAL AIR/FUEL RATIO) FRONT W	
•••			37 POWER ASSISTED STEERING INPUT PRESSURE SWITCH	Υ	57 EXHAUST TEMP - (GROUND TEMP SENSOR) W	
FUEL PUMP RELAY (MFI RELAY POWER SUPPLY)	W-R		38 ECU MAIN RELAY ACTIVATED BY PIN#62	B-L	58 KNOCK SENSOR SIGNAL W	
EVAPORATIVE EMISSION CANISTER PURGE SOLENOID	L-B		39		59	
GNITION COIL A (POWER TRANSISTER A / AMPLIFIER A) - TO CYLINDERS 1 & 4	Y-W		40 WASTEGATE SOLENOID (BOOST CONTROL OUTPUT)	L-W	60 12V BATTERY BACK UP POWER SUPPLY (CONSTANT) B-Y	1
FAN RELAY (A/C)	G-W		41 NEGATIVE TRIGGER FOR TURBO ICON ON EVO1 & GSR GAUGES CLUSTER	G-B	61 5V SENSOR POWER SUPPLY VREF 5V (AIRMETER, TPS) G-R	2
12V SWITCHED POWER SUPPLY FROM MAIN RELAY	R		42 DIAGNOSTICS TEST CONN TX (DATALINK CONNECTOR WITHOUT IMMOBILISOR)	Y	62 MAIN RELAY 12V IGN START KEY SW SUPPLY B-W	V
POWER GROUND + TIMING GROUND (INJECTORS) (CHASSIS)	В		43 DIAGNOSTICS TEST CONN RX (DATALINK CONNECTOR WITH IMMOBILISOR)	G-W	63 WATER COOLANT TEMP SENSOR SIGNAL Y-G	3
NJECTOR 2	Y-B		44		64 THROTTLE POSITION SENSOR SIGNAL G-W	٧
NJECTOR 4	LG-W		45 A/C COMP RELAY (A/C REGRIGERANT PRESSURE SWITCH)	G-Y	65 BAROMETRIC PRESSURE SENSOR SIGNAL (AIRMETER)	
RADIATOR FAN RELAY (HIGH A/C)	L-Y		46		66 VEHICLE ROAD SPEED SENSOR / VSS SIGNAL Y-W	٧
DLE AIR/SPEED CONTROLLER 3 (MOTOR DRIVE VALVE) YELLOW	Υ				67 IDLE SWITCH (CLOSED THROTTLE SENSOR SWITCH) Y-R	₹ .
DLE AIR/SPEEC CONTROLLER 6 (IVALVE POSITION SENSOR) GREEN	G		<u>LEGEND:</u>		68 TIMING SIGNAL TDC CAMSHAFT POSITION SENSOR W	Ш
VOLUME AIRFLOW SENSOR RESET SIGNAL (AIRMETER DRIVE)	L		Y = YELLOW; L = BLUE; G = GREEN; B = BLACK; W = WHITE		69 TIMING SIGNAL CRANKSHAFT ANGLE POSITION SENSOR B	
			R = RED, LG = LIGHT GREEN; P = PINK		70 VOLUME AIRFLOW SENSOR SIGNAL/ AFM/ MAF W-B	3
•••					71 GROUND MANUAL TRANSMISSION (A/T PARK NEUTRAL POSITION SWITCH) B	
A/C COMPRESSOR RELAY (AIRCON OUTPUT)	B-W				72 SENSOR GROUND ANALOG 0V B	
GNITION COIL B (POWER TRANSISTER B / AMPLIFIER B) - TO CYLINDERS 2 & 3	Y-R					
REAR SCREEN 'ON' (NOT CONN. TO 22 WAY CONNECTOR) (ELECTRICAL LOAD SENSOR)	B-L					
12V SWITCHED POWER SUPPLY	R					
	NJECTOR 1 NJECTOR 3 RADIATOR FAN RELAY (LOW A/C) DLE AIR/SPEED CONTROLLER 1 (MOTOR DRIVE VALVE) BLUE DLE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE EXHAUST GAS RECIRCULATION SOLENOID/VALVE (SECONDARY AIR SOLENOID) FUEL PUMP RELAY (MFI RELAY POWER SUPPLY) EVAPORATIVE EMISSION CANISTER PURGE SOLENOID GNITION COIL A (POWER TRANSISTER A / AMPLIFIER A) - TO CYLINDERS 1 & 4 FAN RELAY (A/C) 12V SWITCHED POWER SUPPLY FROM MAIN RELAY POWER GROUND + TIMING GROUND (INJECTORS) (CHASSIS) NJECTOR 2 NJECTOR 4 RADIATOR FAN RELAY (HIGH A/C) DLE AIR/SPEED CONTROLLER 3 (MOTOR DRIVE VALVE) YELLOW DLE AIR/SPEEC CONTROLLER 6 (IVALVE POSITION SENSOR) GREEN VOLUME AIRFLOW SENSOR RESET SIGNAL (AIRMETER DRIVE) A/C COMPRESSOR RELAY (AIRCON OUTPUT) GNITION COIL B (POWER TRANSISTER B / AMPLIFIER B) - TO CYLINDERS 2 & 3 REAR SCREEN 'ON' (NOT CONN. TO 22 WAY CONNECTOR) (ELECTRICAL LOAD SENSOR) 12V SWITCHED POWER SUPPLY	NJECTOR 3 RADIATOR FAN RELAY (LOW A/C) G-B DLE AIR/SPEED CONTROLLER 1 (MOTOR DRIVE VALVE) BLUE L DLE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE EXHAUST GAS RECIRCULATION SOLENOID/VALVE (SECONDARY AIR SOLENOID) G-W FUEL PUMP RELAY (MFI RELAY POWER SUPPLY) W-R EVAPORATIVE EMISSION CANISTER PURGE SOLENOID L-B GNITION COIL A (POWER TRANSISTER A / AMPLIFIER A) - TO CYLINDERS 1 & 4 Y-W 12V SWITCHED POWER SUPPLY FROM MAIN RELAY R POWER GROUND + TIMING GROUND (INJECTORS) (CHASSIS) B NJECTOR 2 NJECTOR 2 NJECTOR 4 LG-W ANDIATOR FAN RELAY (HIGH A/C) DLE AIR/SPEED CONTROLLER 3 (MOTOR DRIVE VALVE) YELLOW Y DLE AIR/SPEED CONTROLLER 6 (IVALVE POSITION SENSOR) GREEN G VOLUME AIR/SPEEC CONTROLLER 6 (IVALVE POSITION SENSOR) GREEN G GOMER COMPRESSOR RELAY (AIRCON OUTPUT) B-W GRITION COIL B (POWER TRANSISTER B / AMPLIFIER B) - TO CYLINDERS 2 & 3 Y-R REAR SCREEN 'ON' (NOT CONN. TO 22 WAY CONNECTOR) (ELECTRICAL LOAD SENSOR) B-L	NJECTOR 3 L-G RADIATOR FAN RELAY (LOW A/C) DLE AIR/SPEED CONTROLLER 1 (MOTOR DRIVE VALVE) BLUE L DLE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE EXHAUST GAS RECIRCULATION SOLENOID/VALVE (SECONDARY AIR SOLENOID) G-W FUEL PUMP RELAY (MFI RELAY POWER SUPPLY) W-R EVAPORATIVE EMISSION CANISTER PURGE SOLENOID L-B GNITION COIL A (POWER TRANSISTER A / AMPLIFIER A) - TO CYLINDERS 1 & 4 Y-W FOWER GROUND + TIMING GROUND (INJECTORS) (CHASSIS) B NJECTOR 2 NJECTOR 2 NJECTOR 4 LG-W RADIATOR FAN RELAY (HIGH A/C) DLE AIR/SPEED CONTROLLER 3 (MOTOR DRIVE VALVE) YELLOW Y DLE AIR/SPEED CONTROLLER 3 (MOTOR DRIVE VALVE) YELLOW Y DLE AIR/SPEED CONTROLLER 6 (IVALVE POSITION SENSOR) GREEN G W/OLUME AIRFLOW SENSOR RESET SIGNAL (AIRMETER DRIVE) L-W ACC COMPRESSOR RELAY (AIRCON OUTPUT) B-W GRITION COIL B (POWER TRANSISTER B / AMPLIFIER B) - TO CYLINDERS 2 & 3 Y-R REAR SCREEN 'ON' (NOT CONN. TO 22 WAY CONNECTOR) (ELECTRICAL LOAD SENSOR) B-L	NJECTOR 3 L.G ARDIATOR FAN RELAY (LOW A/C) G.B BADIATOR FAN RELAY (LOW A/C) DLE AIR/SPEED CONTROLLER 1 (MOTOR DRIVE VALVE) BLUE LL 33 (DEL PRESSURE SOL VSV DLE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE EXHAUST GAS RECIRCULATION SOLENOID/VALVE (SECONDARY AIR SOLENOID) G.W 36 (HCCK ENGINE LIGHT (MALFUNCTION INDICATOR LAMP) 37 (POWER ASSISTED STEERING INPUT PRESSURE SWITCH FULL PUMP RELAY (MFI RELAY POWER SUPPLY) EVAPORATIVE EMISSION CANISTER PURGE SOLENOID G.W 40 (WASTEGATE SOLENOID (BOOST CONTROL OUTPUT) FAN RELAY (A/C) G.W 41 (WASTEGATE SOLENOID (BOOST CONTROL OUTPUT) FAN RELAY (A/C) G.W 42 (DIAGNOSTICS TEST CONN TX (DATALINK CONNECTOR WITH IMMOBILISOR) POWER GROUND + TIMING GROUND (INJECTORS) (CHASSIS) NJECTOR 2 NJECTOR 2 NJECTOR 4 RADIATOR FAN RELAY (HIGH A/C) DLE AIR/SPEED CONTROLLER 6 (VALVE POSITION SENSOR) GREEN G. CHECK ENGINE LIGHT (MALFUNCTION INDICATOR LAMP) 38 (CHECK ENGINE LIGHT (MALFUNCTION INDICATOR LAMP) 39 (CHECK ENGINE LIGHT (MALFUNCTION INDICATOR LAMP) 40 (WASTEGATE SOLENOID (BOOST CONTROL OUTPUT) 41 (MEGATIVE TRIGGER FOR TURBO ICON ON EVO1 & GSR GAUGES CLUSTER 42 (DIAGNOSTICS TEST CONN TX (DATALINK CONNECTOR WITH IMMOBILISOR) 44 (CHECK ENGINE LIGHT (MALFUNCTION INDICATOR WITH IMMOBILISOR) 45 (DIAGNOSTICS TEST CONN TX (DATALINK CONNECTOR WITH IMMOBILISOR) 46 (CHECK ENGINE LIGHT (MALFUNCTION INDICATOR WITH IMMOBILISOR) 47 (DIAGNOSTICS TEST CONN TX (DATALINK CONNECTOR WITH IMMOBILISOR) 48 (DIAGNOSTICS TEST CONN TX (DATALINK CONNECTOR WITH IMMOBILISOR) 49 (DIAGNOSTICS TEST CONN TX (DATALINK CONNECTOR WITH IMMOBILISOR) 40 (DATALINK CONNECTOR WITH IMMOBILISOR) 41 (DATALINK CONNECTOR WITH IMMOBILISOR) 42 (DATALINK CONNECTOR WITH IMMOBILISOR) 43 (DATALINK CONNECTOR WITH IMMOBILISOR) 44 (NJECTOR 3 L-G RADIATOR FAN RELAY (LOW A/C) JE AIR/SPEED CONTROLLER 1 (MOTOR DRIVE VALVE) BLUE DLE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 4 (VALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 5 (WALVE POSITION SENSOR) WHITE W JE AIR/SPEED CONTROLLER 5 (MAPLIFIER B) - TO CYLINDERS 2 & 3 YE ARRELAY (ACCOMPRESSOR RELAY (AIR/CON OUTPUT) LEGEND: Y = YELLOW, L = BLUE; G = GREEN; B = BLACK; W = WHITE R = RED, LG = LIGHT GREEN; P = PINK W-BLE AIR/SPEED CONTROLLER 6 (WALVE POSITION SENSOR) (BLECTRICAL LOAD SENSOR) B-L REAR SCREEN 'ON (NOT CONN. TO 22 WAY CONNECTOR) (BLECTRICAL LOAD SENSOR) B-L	NECTOR 3

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