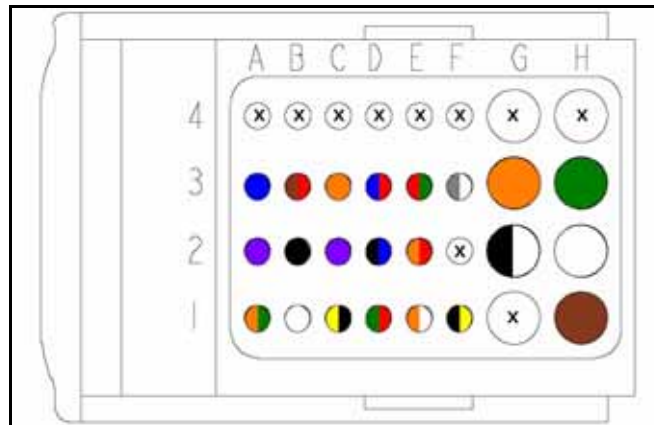


## ECU 100 Harness Connector (Gray Color)



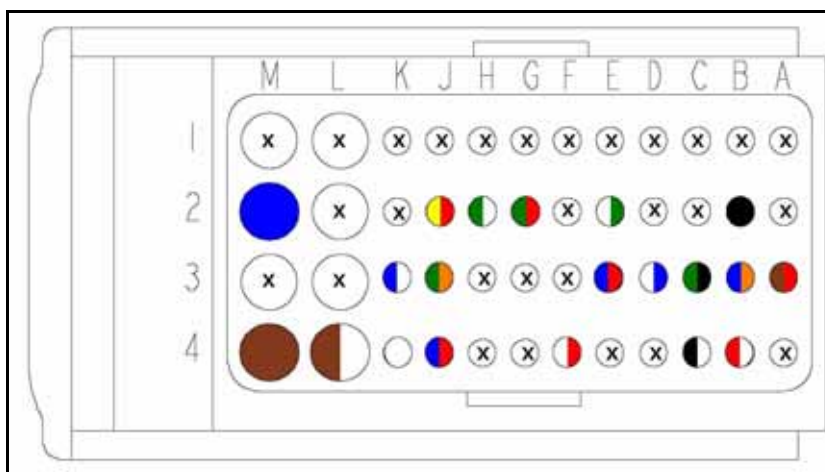
**NOTE:** Viewed from terminal-side of connector.

### ECU 100 Connector Pin Identification

PIN	WIRE COLOR	FUNCTION	GOES TO:
A1 (108)	ORN/GRN	Lambda Sensor Compensation (Input)	Wideband Lambda Sensor (Pin 2)
B1 (107)	WHITE	Engine Speed Sensor (CPS) Signal (Input)	Engine Speed Sensor (Pin 1)
C1 (106)	YEL/BLK	Intake Manifold Pressure Signal (Input)	Intake Manifold Pressure / Temp. Sensor (Pin 4)
D1 (105)	GRN/RED	IAC Stepper Motor Phase D (Output)	Idle Air Controller (Pin 1)
E1 (104)	ORN/WHT	5Vdc Sensor Voltage (Output)	Splice - Intake (Pin 3) and Ambient Pressure (Pin 3) Sensors / Rollover Sensor
F1 (103)	BLK/YEL	Boost Pressure Signal (Input)	Boost Pressure Sensor (Pin 4)
H1 (101)	BROWN	Power Ground (Ground)	Splice - Engine / Chassis Connector 2 - Battery Ground
A2 (116)	PURPLE	Sensor / Engine Stop Signal (Ground)	Engine / Chassis Connector 2 - Boost Pressure Sensor (Pin 1) / Throttle Flipper Safety Switch
B2 (115)	BLACK	Engine Speed Sensor (CPS) Signal (Input)	Engine Speed Sensor (Pin 2)
C2 (114)	PURPLE	Intake Manifold Pressure Sensor (Ground)	Intake Manifold Pressure / Temp. Sensor (Pin 1)
D2 (113)	BLU/BLK	IAC Stepper Motor Phase B (Output)	Idle Air Controller (Pin 4)
E2 (112)	OR/RED	Lambda Sensor Pump Current (Input)	Wideband Lambda Sensor (Pin 6)
G2 (110)	WHT/BLK	Fuel Injector Control - MAG (Output)	MAG Fuel Injector (Pin 2)
H2 (109)	WHITE	Fuel Injector Control - PTO (Output)	PTO Fuel Injector (Pin 2)
A3 (124)	BLUE	Lambda Sensor Signal (Input)	Wideband Lambda Sensor (Pin 1)
B3 (123)	BRN/RED	Lambda Sensor (Ground)	Wideband Lambda Sensor (Pin 5)
C3 (122)	ORANGE	5Vdc Sensor Voltage (Output)	Splice - TPS (Pin 1) / Boost Pressure Sensor (Pin 1)
D3 (121)	BLU/RED	IAC Stepper Motor Phase C (Output)	Idle Air Controller (Pin 6)
E3 (120)	RED/GRN	IAC Stepper Motor Phase A (Output)	Idle Air Controller (Pin 3)
F3 (119)	GRY/WHT	Fuel Pump Relay Control (Output)	Engine / Chassis Connector 1 - Fuel Pump Relay
G3 (118)	ORANGE	KL 15 (Ignition) Relay Control (Output)	Engine / Chassis Connector 1 - Ignition Relay
H3 (117)	GREEN	Starter Relay Control (Output)	Engine / Chassis Connector 1 - Starter Relay

# EFI / Ignition Systems

## ECU 200 Harness Connector (Brown Color)

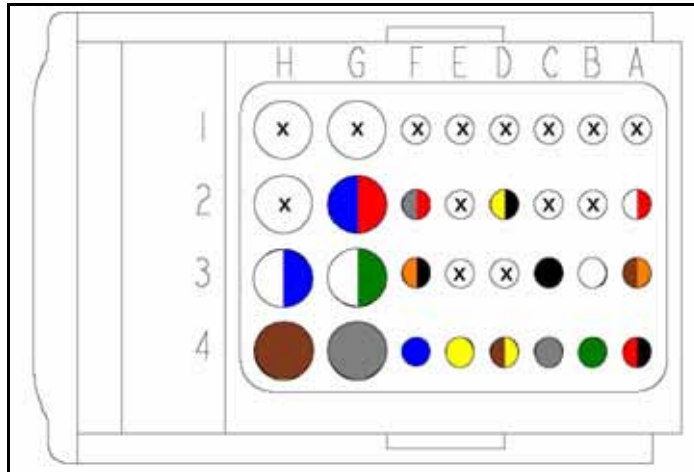


**NOTE:** Viewed from terminal-side of connector.

### ECU 200 Connector Pin Identification

PIN	WIRE COLOR	FUNCTION	GOES TO:
M4 (212)	Brown	Fuel Injection Ground	Splice - Engine / Chassis Connector 2 - Battery Ground
L4 (211)	BRN/WHT	Electronic Ground	Splice - ECU Ground Ring - Knock Sensor / CPS Shield Grounds
K4 (210)	White	MFI Reverse Lamp (Output)	Engine / Chassis Connector 2 - MFI Reverse Lamp
J4 (209)	BLU/RED	MFI Engine Temperature Signal (Output)	Engine / Chassis Connector 2 - MFI Engine Temp. Display
F4 (206)	WHT/RED	Start Switch (Input)	Engine / Chassis Connector 1 - Ignition Switch - Start Diode - Starter Solenoid
C4 (203)	BLK/WHT	MFI - MIL Lamp (Output)	Engine / Chassis Connector 2 - MFI-MIL Lamp (Check Engine)
B4 (202)	RED/WHT	Ignition Switch (Input)	Engine / Chassis Connector 1 - Ignition Diode - Ignition Relay
K3 (222)	BLU/WHT	MFI Engine Temperature Lamp (Output)	Engine / Chassis Connector 2 - MFI Hot Lamp
J3 (221)	GRN/ORN	MFI Boost Pressure Signal (Output)	Engine / Chassis Connector 2 - MFI Boost Level Display
E3 (217)	BLU/RED	Roll Over Switch (Input)	Engine / Chassis Connector 2 - Roll Over Switch
D3 (216)	WHT/BLU	Chaincase FWD Limit Switch Signal (Input)	Engine / Chassis Connector 1 - FWD Switch
C3 (215)	GRN/BLK	Chassis Relay Control (Output)	Engine / Chassis Connector 1 - Chassis Relay
B3 (214)	BLU/ORN	Ambient Pressure Signal (Input)	Ambient Pressure Sensor (Pin 4)
A3 (213)	BRN/RED	Sensor Ground	Engine / Chassis Connector 1 - Roll Over Switch
M2 (236)	Blue	Reverse Controller - Control (Output)	Engine / Chassis Connector 2 - Reverse Controller (Pin 3)
J2 (233)	YEL/RED	Engine Speed Signal (Output)	Engine / Chassis Connector 2 - MFI Tachometer Signal
H2 (232)	GRN/WHT	Diagnostic K Line (Input / Output)	Diagnostic Connector (Pin 2)
G2 (231)	GRN/RED	Vehicle Speed Signal (Input)	Engine / Chassis Connector 2 - Speed Sensor (Pin B)
E2 (229)	WHT/GRN	Chaincase REV Limit Switch Signal (Input)	Engine / Chassis Connector 1 - REV Switch
B2 (226)	Black	Engine Stop Signal (Input)	Engine / Chassis Connector 2 - Ignition Switch - Tether - Throttle Flipper Safety Switch

## ECU 300 Harness Connector (Black Color)



**NOTE:** Viewed from terminal-side of connector.

### ECU 300 Connector Pin Identification

PIN	WIRE COLOR	FUNCTION	GOES TO:
H4 (308)	Brown	Ignition Ground	Splice - Engine / Chassis Connector 2 - Battery Ground
G4 (307)	Gray	Wastegate Control (Output)	Wastegate Solenoid Pulse Valve (Pin 2)
F4 (306)	Blue	Throttle Flipper Safety Switch (Input)	Engine / Chassis Connector 2 - Throttle Flipper Safety Switch
E4 (305)	Yellow	Engine Coolant Temperature Signal (Input)	Coolant Temperature Sensor (Pin 1)
D4 (304)	BRN/YEL	Engine Coolant Temperature Sensor Ground	Coolant Temperature Sensor (Pin 2)
C4 (303)	Gray	Reverse (PERC) Switch Signal (Input)	Engine / Chassis Connector 2 - PERC Switch
B4 (302)	Green	Throttle Position Sensor (TPS) Signal (Input)	Throttle Position Sensor (Pin 2)
A4 (301)	RED/BLK	Switched Power - EFI Relay - 20A (Input)	Splice - Engine / Chassis Connector 2 - Wastegate Solenoid (Pin 1) / Camshaft Phase Sensor (Pin 3)
H3 (316)	WHT/BLU	Ignition Coil Driver - MAG (Output)	Ignition Coil - MAG (Pin 1)
G3 (315)	WHT/GRN	Ignition Coil Drive - PTO (Output)	Ignition Coil - PTO (Pin 1)
F3 (314)	ORN/BLK	Cam Phase Sensor Signal (Input)	Camshaft Phase Sensor (Pin 2)
C3 (311)	Black	Knock Sensor Signal (Input)	Knock Sensor (Pin 1)
B3 (310)	White	Knock Sensor Ground (Input)	Knock Sensor (Pin 2)
A3 (309)	BRN/ORN	Sensor Ground	Ambient Pressure Sensor (Pin 1)
G2 (323)	BLU/RED	Lambda Heater Control (Output)	Wide Band Lambda Sensor (Pin 4)
F2 (322)	GRY/RED	EFI Relay Control (Output)	Engine / Chassis Connector 1 - EFI Relay Coil
D2 (320)	YEL/BLK	Intercooler Fan Relay Control (Output)	Engine / Chassis Connector 1 - Fan Relay Coil
A2 (317)	WHT/RED	Intake Air Temperature	Intake Manifold Temp. / Pressure Sensor (Pin 2)