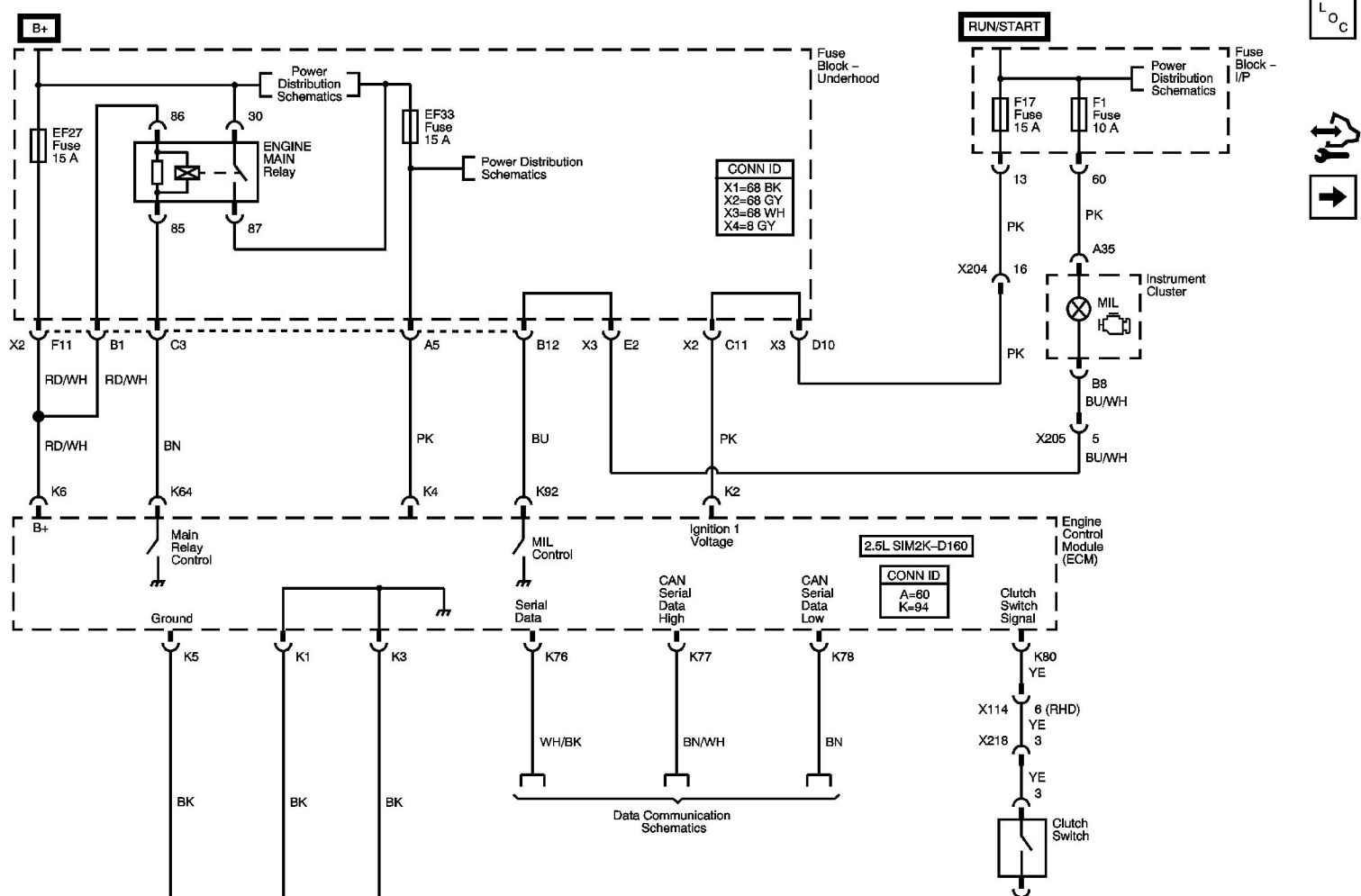
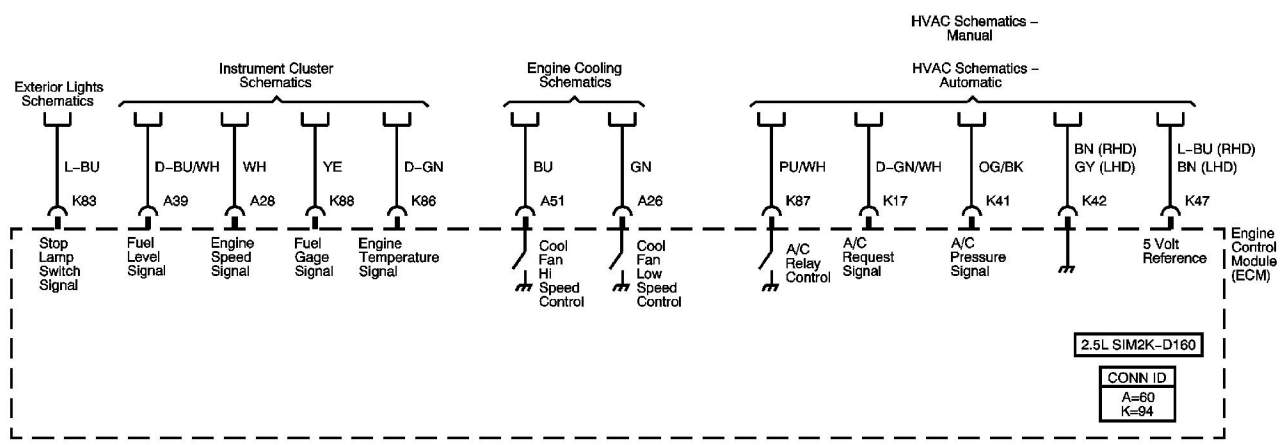




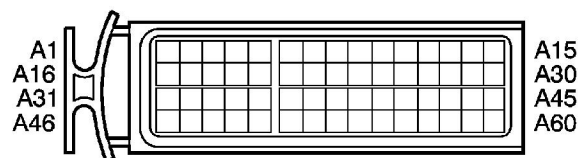


Engine Control Module Connector End Views

Connector 1: [Engine Control Module \(ECM\) Connector-A](#)

Connector 2: [Engine Control Module \(ECM\) Connector-K](#)

Engine Control Module (ECM) Connector-A



Connector Part Information

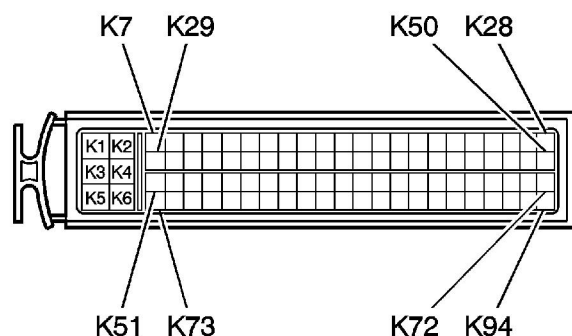
- | OEM: AMP 2-1355123-3
- | Service: N/A
- | Description: 60-Way F 60POS Receptacle Hsg Assembly (BK)

Engine Control Module (ECM) Connector-A

Pin	Wire Color	Circuit No.	Function
A1	GY	--	Ignition Coil 6 Control
A2	OG	--	Ignition Coil 2 Control
A3	BU	--	Ignition Coil 4 Control
A4	--	--	Not Used
A5	L-GN/WH	--	HO2S1 Bank 2 Sensor 1 Heater Control
A6	PU	--	HO2S1 Bank 2 Sensor 1 Signal
A7	GN	--	Low Reference
A8	BN	--	HO2S2 Bank 2 Sensor 2 Signal
A9	GY	--	EGR Position Sensor Signal
A10	--	--	Not Used
A11	BN	--	Low Reference
A12	BU	--	Low Reference
A13	BN	--	Low Reference
A14	L-GN	--	MAP Sensor Signal
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A15	--	--	Not Used
A16	PU	--	EVAP Canister Vent Solenoid Valve Control
A17	GN/WH	--	EVAP Canister Purge Solenoid Valve Control
A18	--	--	Not Used
A19	L-GN	--	HO2S Bank 2 Sensor 2 Heater Control
A20-A25	--	--	Not Used
A26	GN	--	Cooling Fan Low Relay Control
A27	--	--	Not Used
A28	WH	--	Engine RPM Signal
A29-A30	--	--	Not Used
A31	PU	--	Ignition Coil 1 Control
A32	GN	--	Ignition Coil 5 Control
A33	YE	--	Ignition Coil 3 Control
A34	BK	--	Shield Ground
A35-A37	--	--	Not Used
A37	OG	--	Fuel Consumption Signal
A38	BN/WH	--	Low Reference
A39	BU/WH	--	Fuel Level Sensor Signal
A40	PU	--	Low Reference
A41-A45	--	--	Low Reference
A46	GY	--	EGR Solenoid Control
A47	WH/BK	--	Intake Manifold Tuning (IMT) Valve Solenoid Control
A48-A50	--	--	Not Used
A51	BU	--	Cooling Fan Hi Relay Control
A52	--	--	Not Used
A53	WH	--	Cruise Indicator Control
A54	L-BU	--	APP Sensor 2 Signal
A55	BN	--	Low Reference
A56	BU	--	APP Sensor 1 Signal
A57	PU	--	TP Sensor 2 Signal
A58	BK	--	Low Reference
A59	BU	--	TP Sensor 1 Signal
A60	--	--	Not Used

Engine Control Module (ECM) Connector-K



Connector Part Information

- | OEM: AMP 3-1355136-3
- | Service: N/A
- | Description: 94-Way F 94POS Receptacle Hsg Assembly (BK)

Engine Control Module (ECM) Connector-K

Pin	Wire Color	Circuit No.	Function
K1	BK	--	Ground
K2	PK	--	Ignition-1 Voltage
K3	BK	--	Ground
K4	PK	--	Ignition-1 Voltage
K5	BK	--	Ground
K6	RD/WH	--	Battery Positive Voltage
K7-K8	--	--	Not Used
K9	BU/WH	--	Low Reference
K10	GN/WH	--	HO2S2 Bank 1 Sensor 2 Signal
K11	PU/WH	--	HO2S1 Bank 1 Sensor 1 Signal
K12	GN/WH	--	Low Reference
K13	PU/WH	--	Knock Sensor 1 Signal
K14	YE/BK	--	Knock Sensor 1 Ground
K15	L-GN/BK	--	Rough Road Sensor Signal
K16	GY	--	Cruise Switch Ground
K17	GN/WH	--	A/C Request Signal
K18	--	--	Not Used
K19	BK	--	Low Reference
K20	YE	--	Intake Manifold Tuning (IMT) Valve Sensor Signal
K21	BU/WH	--	Knock Sensor 2 Signal
K22	YE/BK	--	Knock Sensor 2 Ground
K23	GY	--	5 Volt Reference 3
K24	WH/BK	--	5 Volt Reference 3

K25-K29	--	--	Not Used
K30	GY/BK	--	Low Reference
K31	YE	--	MAF Sensor Signal
K32	PK/BK	--	CMP Sensor Ground
K33	BN/WH	--	CMP Sensor Signal
K34	BK	--	Low Reference
K35	GN	--	FTP Sensor Signal
K36	--	--	Not Used
K37	BN	--	Low Reference
K38	GN/WH	--	Vehicle Speed Signal
K39	L-GN/BK	--	Ground
K40	L-BU/BK	--	Cruise Switch Positive
K41	OG/BK	--	Refrigerant Pressure Signal
K42	BN (RHD)	--	Ground
	GY (LHD)		
K43-K46	--	--	Not Used
K47	L-BU (RHD)	--	5 Volt Reference
	GY (LHD)		
K48	OG/BK	--	5Volt Reference 1
K49	GN	--	5 Volt Reference 3
K50-K52	--	--	Not Used
K53	PU	--	Stop Lamp Switch Signal
K54	--	--	Not Used
K55	YE/BK	--	CKP Sensor Reference High
K56	BU/WH	--	CKP Sensor Reference Low
K57	BN/WH	--	CKP Sensor Ground
K58	L-BU	--	Intake Air Temperature (IAT) Sensor Signal
K59	YE/BK	--	Low Reference
K60-61	--	--	Not Used
K62	YE	--	ECT Sensor Signal
K63	--	--	Not Used
K64	BN	--	Engine Main Relay Control
K65	--	--	Not Used
K66	L-BU/BK	--	Fuel Injector 4 Control
K67	L-GN/BK	--	Fuel Injector 2 Control
K68	YE/BK	--	Fuel Injector 6 Control
K69	--	--	Not Used
K70	GN/WH	--	Fuel Pump Relay Control
K71	BU	--	TAC Motor Control -- 1
K72	L-BU	--	TAC Motor Control -- 2

K73-K75	--	--	Not Used
K76	WH/BK	--	Serial Data
K77	BN/WH	--	CAN Serial Data High
K78	BN	--	CAN Serial Data Low
K79	--	--	Not Used
K80	YE	--	Clutch Switch Signal
K81-82	--	--	Not Used
K83	L-BU	--	Stop Lamp Switch Signal
K84-K85	--	--	Not Used
K86	GN	--	Engine Temperature Gage Output
K87	PU/WH	--	A/C Compressor Control
K88	YE	--	Fuel Gage Signal
K89	BN	--	Fuel Injector 1 Control
K90	BN/WH	--	Fuel Injector 5 Control
K91	PK/BK	--	Fuel Injector 3 Control
K92	BU	--	MIL Control
K93	GY	--	HO2S1 Bank 1 Sensor 1 Heater Control
K94	GY/WH	--	HO2S2 Bank 1 Heater Control

