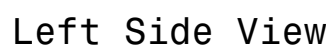


BXS1-UP

Diagnostic Code Listing					
PID-FMI	Description	Flash Codes	PID-FMI	Description	Flash Codes
N/A	No Diagnostic Codes Detected	52	0111-04	Coast Level Voltage low	52
0001-05	Cylinder #1 Injector current low	72	0111-11	Very Low Coast Level	62
0001-06	Cylinder #1 Injector current high	73	0111-14	Low Coast Level Warning	
0002-05	Cylinder #2 Injector current low	72	0112-05	Highly Restrictor current high	14
0002-06	Cylinder #2 Injector current high	73	0121-05	Low Highly Restrictor current high	14
0003-05	Cylinder #3 Injector current low	73	0122-05	Med/High Restrictor current low	14
0003-06	Cylinder #3 Injector current high	73	0122-06	Med/High Restrictor current high	14
0004-05	Cylinder #4 Injector current low	73	0106-14	Reset Engine Power Spec Instructions	
0004-06	Cylinder #4 Injector current high	73	0106-01	ECM Battery Power	17
0005-05	Cylinder #5 Injector current low	74	0168-02	ECM Battery Power Intermittent	51
0005-06	Cylinder #5 Injector current high	74	0171-03	Ambient Air Temperature voltage high	
0006-05	Cylinder #6 Injector current low	74	0171-04	Ambient Air Temperature voltage low	
0006-06	Cylinder #6 Injector current high	74	0111-11	Arbit Air Temperature Data High	
0022-11	Primary to Secondary Engine Speed Calibration	42	0174-00	High Fuel Temperature Warning	65
0023-13	Engine Speed Sensor #1 Input Voltage	42	0174-03	High Fuel Temperature voltage high	
0030-08	PTO Throttle signal input	29	0174-04	Fuel Temperature voltage low	
0030-13	PTO Throttle out of calibration	29	0100-00	Engine Overvoltage Warning	35
0041-03	5 Volt Supply voltage low	21	0109-08	Primary Engine Speed Loss of Signal	34
0041-04	5 Volt Supply voltage high	21	0101-07	Transmission Not Responding	68
0043-02	Key Switch Fault	71	0224-11	Thot Delerent Active	00
0052-11	Air Inlet Shutl Shutdown	00	0224-14	Thot Delerent Active with Engine Cranking	00
0054-05	Auxiliary Output #05 current low	58	0232-02	J1839 Data Incomect	58
0054-06	Auxiliary Output #05 current low	58	0232-12	J1839 Data Not Responding	58
0055-05	Auxiliary Output #07 current low	67	0232-03	5 Volt Supply voltage high	21
0055-06	Auxiliary Output #07 current high	67	0232-04	5 Volt Supply voltage low	21
0064-06	Secondary Engine Speed loss of signal	34	0240-11	Brake Pedal Switch #1 Fault	
0071-00	Idle Shutdown Override	47	0247-11	Brake Pedal Switch #2 Fault	
0071-01	Idle Shutdown	47	0252-11	Engine Software Incomect	59
0071-14	PTD Shutdown	47	0252-02	Check Component or System Parameters	58
0084-02	Vehicle Overheated Warning	41	0253-11	Check Customer or Customer Parameters	58
0384-01	Vehicle Speed loss of signal	31	0265-05	Intake Valve Actuation System Oil Pressure Reduced current low	97
0384-02	Vehicle Speed signal intermittent	36	0265-06	Intake Valve Actuation System Oil Pressure Reduced current high	97
0384-08	Vehicle Speed signal out of range	36	0265-07	Intake Valve Actuation Oil Pressure not responding	91
0384-10	Vehicle Speed signal rate of change	36	0264-05	Engine coolant Overvter current low	98
0384-14	Quick Stop Occurrence	38	0264-06	Engine coolant Overvter current high	98
0091-08	Throttle Position Incomect	32	0265-05	Intake Valve Actuator #01 current low	92
0091-13	Throttle Position out of calibration	32	0265-06	Intake Valve Actuator #01 current high	92
0100-01	Low Oil Pressure Warning	48	0265-07	Intake Valve Actuator #01 not responding	92
0100-03	Oil Pressure voltage high	24	0266-05	Intake Valve Actuator #02 current low	92
0100-04	Oil Pressure voltage low	24	0266-06	Intake Valve Actuator #02 current high	92
0100-11	Very Low Oil Pressure	48	0266-07	Intake Valve Actuator #02 not responding	92
0102-03	Boost Pressure voltage high	25	0267-05	Intake Valve Actuator #03 current low	93
0102-04	Boost Pressure voltage low	25	0267-06	Intake Valve Actuator #03 current high	93
0100-00	High Intake Manifold Air Temperature Warning	84	0267-07	Intake Valve Actuator #03 not responding	93
0105-03	Intake Manifold Air Temperature voltage high	38	0268-05	Intake Valve Actuator #04 current low	93
0105-04	Intake Manifold Air Temperature voltage low	38	0268-06	Intake Valve Actuator #04 current high	93
0105-11	Very High Intake Manifold Air Temperature	84	0268-07	Intake Valve Actuator #04 not responding	93
0108-03	Barometric Pressure voltage high	26	0269-05	Intake Valve Actuator #05 current low	94
0108-04	Barometric Pressure voltage low	26	0269-06	Intake Valve Actuator #05 current high	94
0110-00	High Coolant Temperature Warning	61	0269-07	Intake Valve Actuator #05 not responding	94
0110-03	Coolant Temperature voltage high	27	0269-08	Intake Valve Actuator #06 current low	94
0110-04	Coolant Temperature voltage low	27	0269-09	Intake Valve Actuator #06 current high	94
0110-11	Very High Coolant Temperature	61	0269-07	Intake Valve Actuator #06 not responding	94
0101-01	Low Coast Level Warning	62	0365-01	Low Intake Valve Actuation System Oil Pressure	
0101-02	Low Coast Level voltage	12	0365-02	Intake Valve Actuation System Oil Pressure voltage high	
0111-03	Coast Level voltage high	12	0365-04	Intake Valve Actuation System Oil Pressure voltage low	95

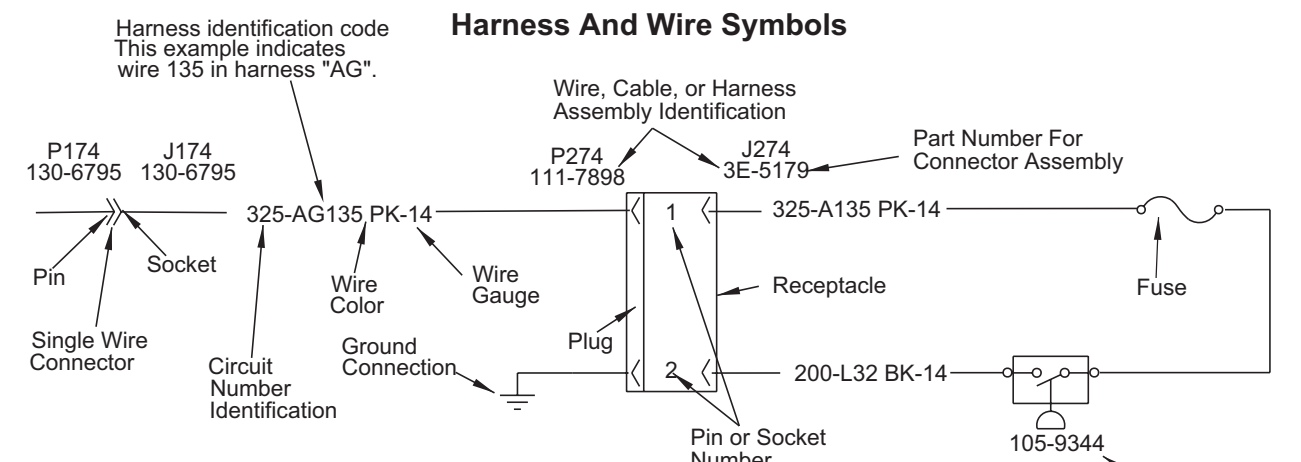
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Connector Tables for Harness 241-3150 -01

Connector Tables for Harness 229-7366 -02

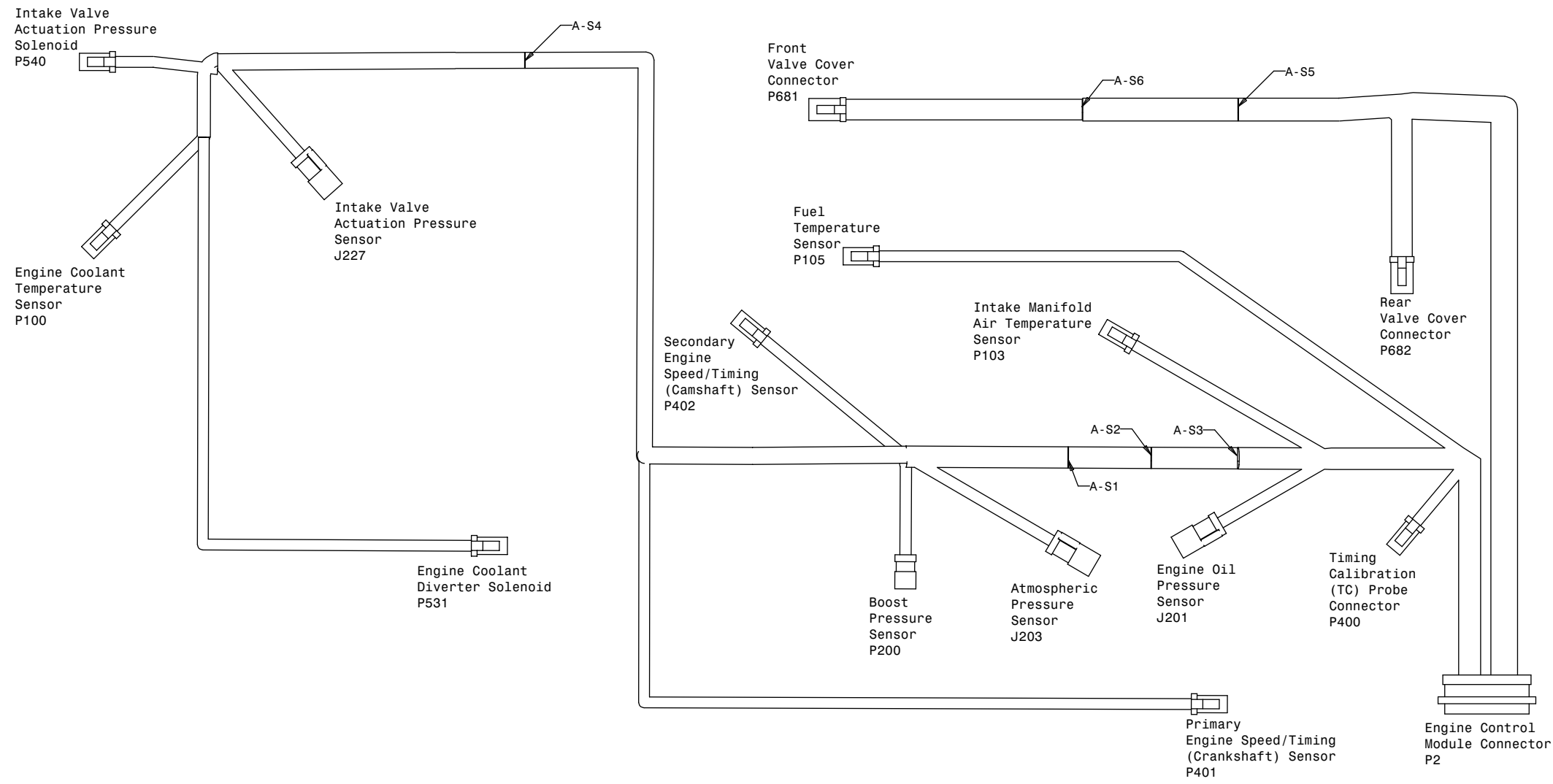
Harness And Wire Symbols



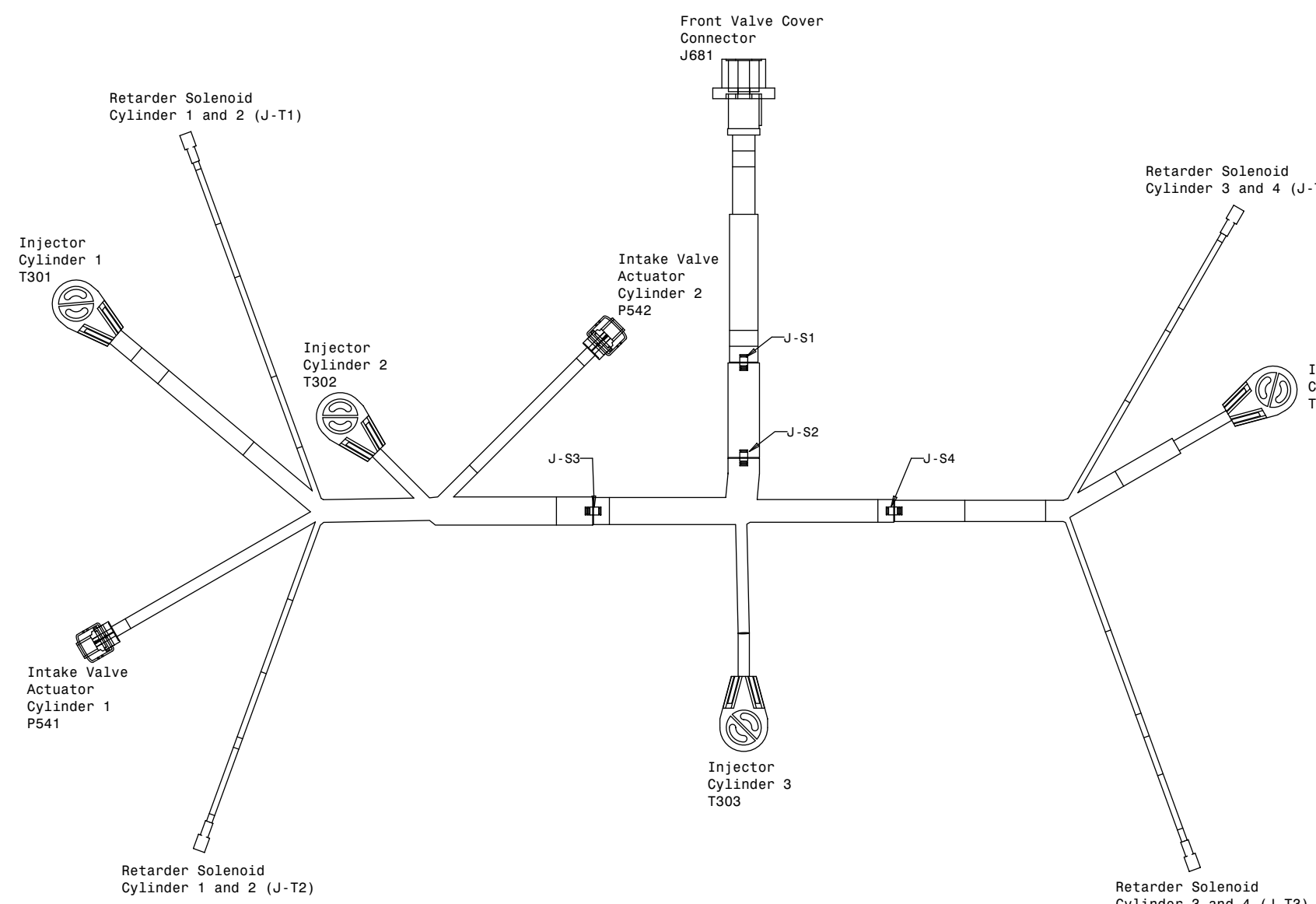
Connector Tables for Harness 229-7365-03

#651					T303				
CL-R	CL-R	WIRE NAME	POS	TERM/PLUG	CL-R	CL-R	WIRE NAME	POS	TERM/PLUG
PL-16	1907-11	-2	180-9330		WH-16	1907-13	-3		
PL-16	1908-12	-2	180-9330		WH-16	1909-11-1	-3		
PL-16	1909-13	-2	180-9330		QTY	QTY	PART NAME	P/N	
PL-16	1909-14	-4	180-9330		1	1	CONNECTION ASSEMBLY		
PL-16	1909-15	-5	180-9330		50mm	50mm	TERM	112-8144	
WH-16	1908-15	-6	180-9330						
WH-16	1908-16	-6	180-9330						
OR-16	1905-13	-8	180-9330						
OR-16	1905-14	-8	180-9330						
OR-16	1937-10-11	11	180-9330						
OR-16	1937-11-11	11	180-9330						
QTY	QTY	PART NAME	P/N		QTY	QTY	PART NAME	P/N	
1	1	RECEPTACLE ASSEMBLY	3C-9869		1	1	CONNECTION ASSEMBLY	7E-4613	
1	1	WEDGE	3E-5180		50mm	50mm	TERM	112-8144	
#102					T304				
CL-R	CL-R	WIRE NAME	POS	TERM/PLUG	CL-R	CL-R	WIRE NAME	POS	TERM/PLUG
PL-16	1907-12	-1			1	1	1907-11-1	-3	
PL-16	1907-13	-1			WH-16	1907-11-2	-3		
PL-16	1908-11-2	-2	180-9330		QTY	QTY	PART NAME	P/N	
PL-16	1908-12	-2	180-9330		1	1	CONNECTION ASSEMBLY		
PL-16	1908-13	-3	180-9330		50mm	50mm	TERM	112-8144	
QTY	QTY	PART NAME	P/N		QTY	QTY	PART NAME	P/N	
1	1	RECEPTACLE ASSEMBLY			1	1	CONNECTION ASSEMBLY		
1	1	RECEPTACLE ASSEMBLY	3C-9869		1	1	CONNECTION ASSEMBLY	7E-4613	
1	1	WEDGE	3E-5180		50mm	50mm	TERM	112-8144	
#521					#522				
CL-R	CL-R	WIRE NAME	POS	TERM/PLUG	CL-R	CL-R	WIRE NAME	POS	TERM/PLUG
PL-16	1907-12	-1			OR-16	1905-13	-8		
PL-16	1907-13	-1			OR-16	1905-14	-8		
PL-16	1908-11-2	-2	180-9330		QTY	QTY	PART NAME	P/N	
PL-16	1908-12	-2	180-9330		1	1	CONNECTION ASSEMBLY		
PL-16	1908-13	-3	180-9330		1	1	CONNECTION ASSEMBLY		
QTY	QTY	PART NAME	P/N		1	1	CONNECTION ASSEMBLY		
1	1	RECEPTACLE ASSEMBLY			1	1	CONNECTION ASSEMBLY		
1	1	RECEPTACLE ASSEMBLY	3C-9869		50mm	50mm	TERM	112-8144	
1	1	WEDGE	3E-5180						
T302					#523				
CL-R	CL-R	WIRE NAME	POS	TERM/PLUG	CL-R	CL-R	WIRE NAME	POS	TERM/PLUG
PL-16	1907-12	-1			OR-16	1905-13	-8		
PL-16	1907-13	-1			OR-16	1905-14	-8		
PL-16	1908-11-2	-2	180-9330		QTY	QTY	PART NAME	P/N	
PL-16	1908-12	-2	180-9330		1	1	CONNECTION ASSEMBLY		
PL-16	1908-13	-3	180-9330		1	1	CONNECTION ASSEMBLY		
QTY	QTY	PART NAME	P/N		1	1	CONNECTION ASSEMBLY		
1	1	RECEPTACLE ASSEMBLY			1	1	CONNECTION ASSEMBLY		
1	1	RECEPTACLE ASSEMBLY							

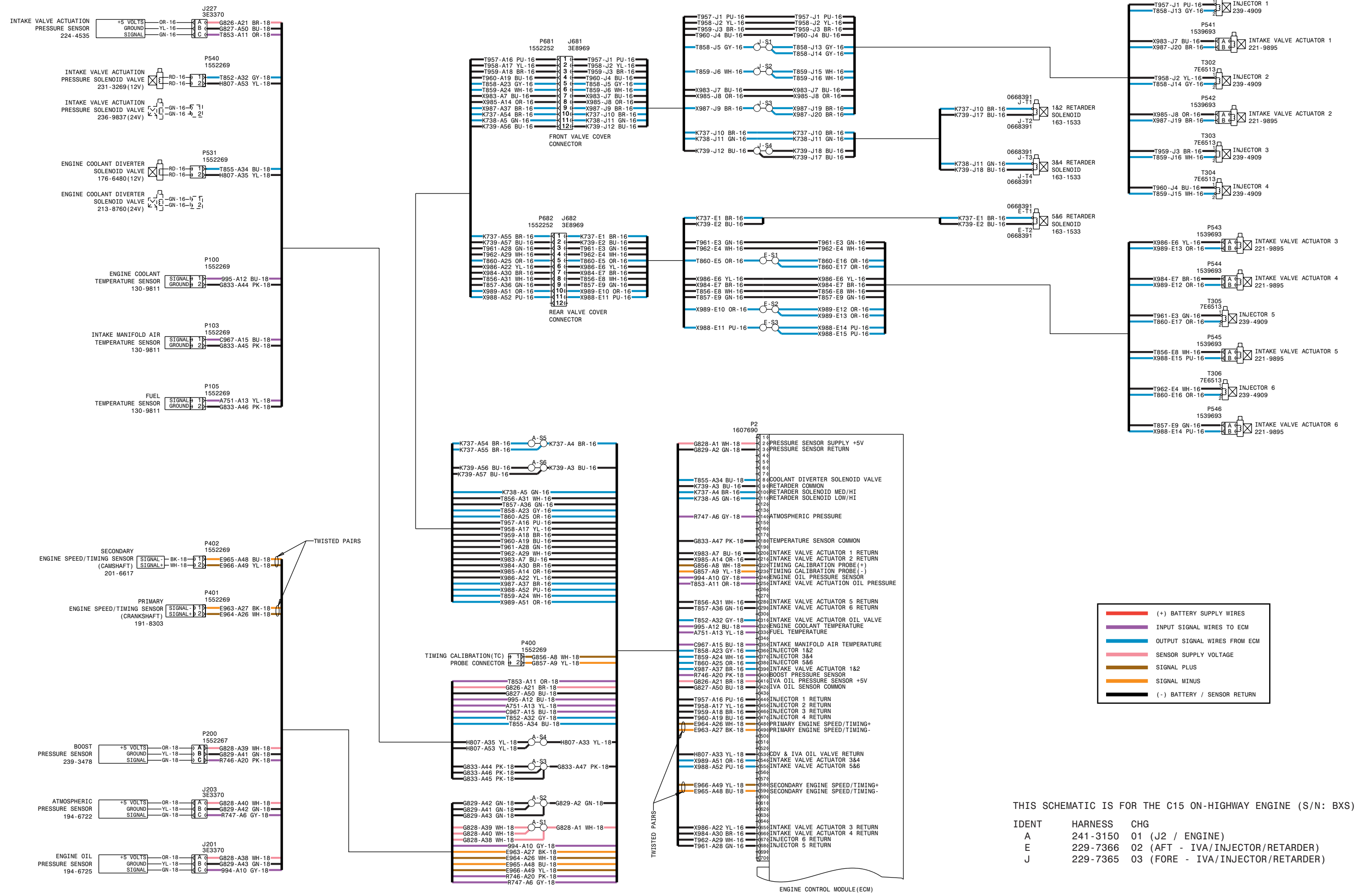
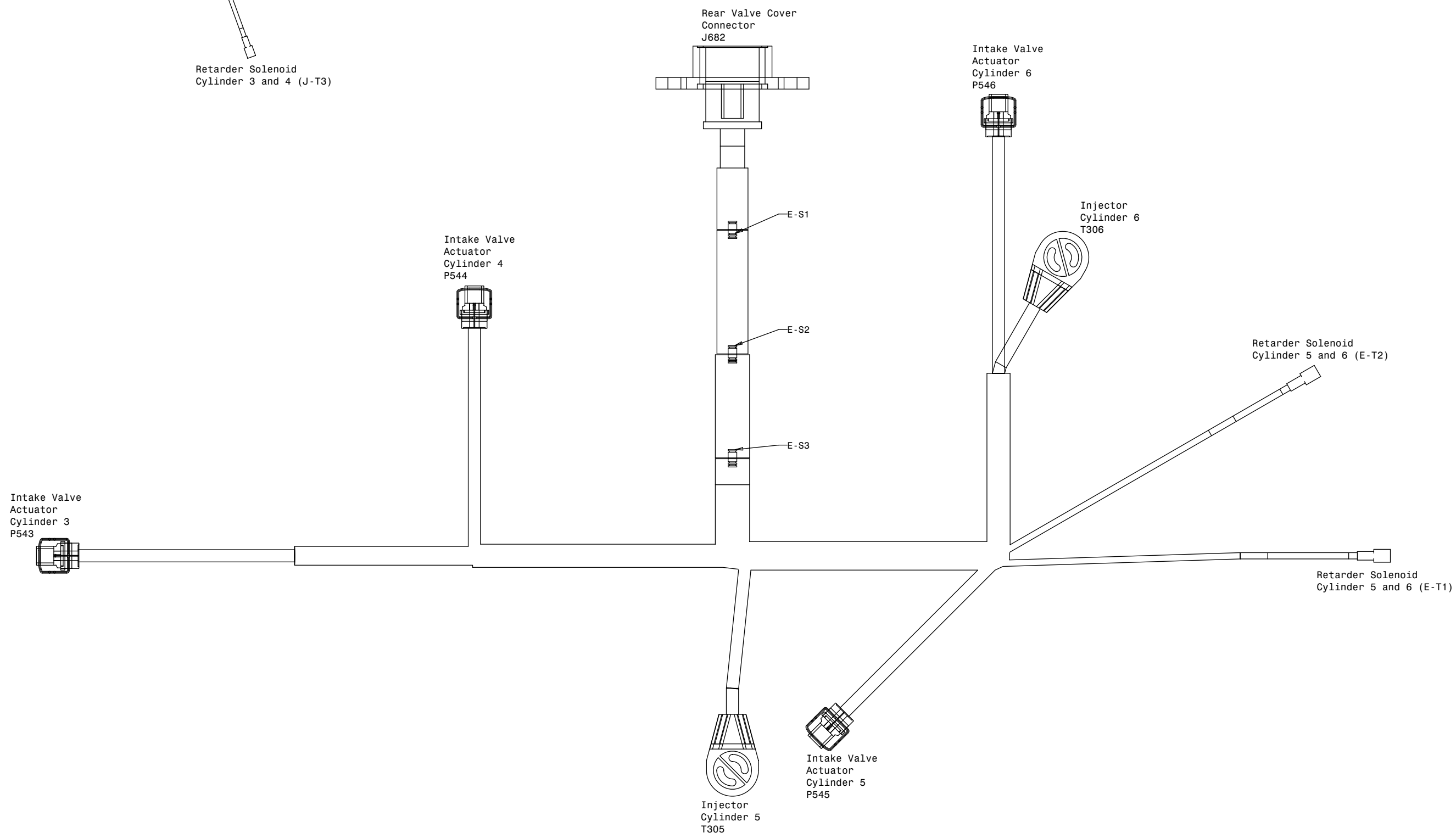
Connector and Splice Locations for Harness 241-3150 -01



Connector and Splice Locations for Harness 229-7365 -03



Connector and Splice Locations for Harness 229-7366 -02



TYPICAL VEHICLE HARNESS WIRING DIAGRAM

