

X3 Connector

Pin	Wire	Circuit	Function	Notes	PT
1	1 PK/BK	5291	Ignition Voltage - Fuel Injectors/Coils 1,3,5,7, Fuse F10U 20A	Connect to KR75 - 87 after fuse	F10U 20A
2	1 PK/BK	5292	Ignition Voltage - Fuel Injectors/Coils 2,4,6,8, Fuse F9U 20A	Connect to KR75 - 87 after fuse	F9U 20A
3	0.5 PK	2139	Ignition Voltage (MYB or MYC) - Automatic Trans; F19U 20A	Connect to KR74 - 87 after fuse	F19U 20A
4	3 PU	6	Starter Solenoid Crank Voltage	Connect to KR27 - 87	F12U 30A
5	--	--	--		
6	0.5 YE	5991	Powertrain Relay Control	Connect to KR75 - 86	
7	0.5 D-GN	335	Low Speed Cooling Fan Relay Control	Connect to KR20C - 85	
8	--	--	Not Used		
9	0.8 PK/BK	5294	Ignition Voltage - Heated Oxygen Sensor B1S2, B2S2, Fuse F8U		
10	--	--	Not Used		
11	--	--	Not Used		
12	0.5 PU/WH	6386	Starter Relay Control (Use existing Starter solenoid wire - PU)	Connect to KR27 - 85	
13	0.5 BK/WH	451	Ground	Connect to KR27 - 86 and GND	
14	0.5 PK	439	Ignition Voltage - ECM Pin 19, Fuse F20U 15A	Connect to KR74 - 87 after fuse	F20U 15A
15	--	--	Not Used		
16	0.8 PK/BK	5293	Ignition Voltage - Heated Oxygen Sensor B1S1, B2S1, and EVAP Purge Solenoid Pin A: Fuse F7U 10A	Connect to KR75 - 87 after fuse	F7U 10A
17-18	--	--	Not Used		
19	0.8 PK/BK	5290	Ignition Voltage (L99 or LS3), ECM Pin 47, Fuse F5U 15A	Connect to KR75 - 87 after fuse	F5U 15A
20-26	--	--	Not Used		
27	0.8 RD/WH	1840	Battery Positive Voltage (MYB or MYC) - Automatic Trans; F2U 15A	Connect to Batt after fuse	F2U 15A
28-35	--	--	Not Used		
	0.5 D-GN/WH	459	A/C Compressor Clutch Relay Control		
37	--	--	Not Used		
38	0.5 D-BU	473	High Speed Cooling Fan Relay Control	Connect to KR20E - 86	
39-48	--	--	Not Used		
	0.5 D-GN	59	A/C Compressor Clutch Supply Voltage		
50	0.5 PK	239	Ignition Voltage - Mass Airflow Sensor Pin C, Valve Lifter Oil Manifold Pin E, Fuse F14U 7.5A	Connect to KR74 - 87 after fuse	F14U 7.5A

