

Parts Needed:

(4) - 6 Amp Diodes (30V Minimum)

Instructions:

- Remove Fuse Panel cover.
- Lift up two handles to release Fuse Panel.
- Remove Fuse Panel to expose the connectors below.
- Release the (4) tabs holding the X1 connector in place. [See Photo 1]
- Locate the three wires to be worked with. [See Photo 2, Pinout Diagram]
 - Brown Wire in position F5
 - Brown Wire in position F8
 - Dark Blue Wire in position B3
- Cut and solder the diodes in place as shown. [See Diode Diagram]
- Secure new connections with heat shrink.
- Wrap all connections with weatherproof electrical tape.
- Reassemble Fuse Panel.

Photo 1:

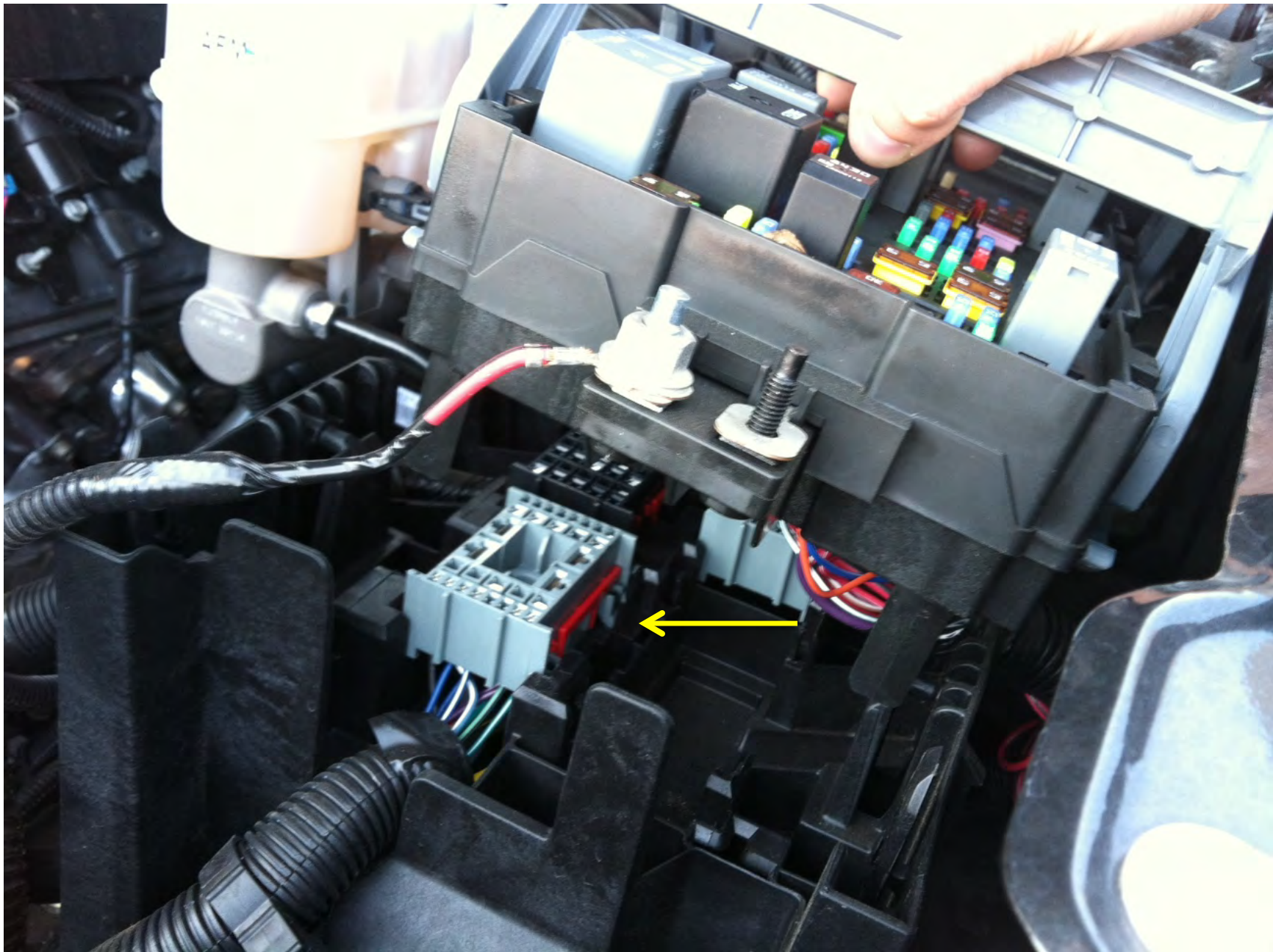
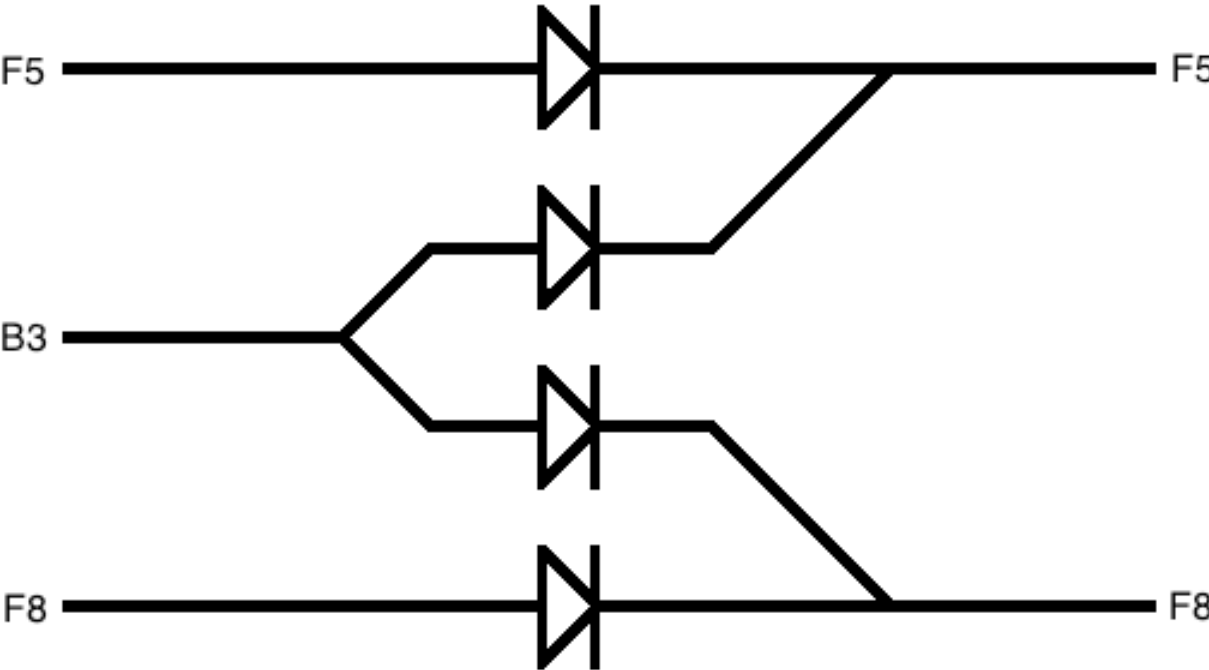


Photo 2:



Diode Diagram:



Closest to Fuse Box

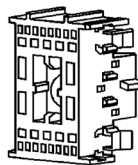
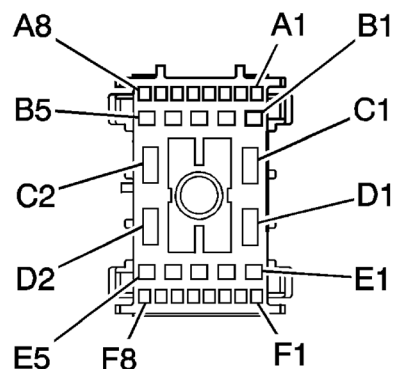
Furthest from Fuse Box

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Fuse Block - Underhood X1

Connector Part Information

Harness:
Forward Lamp
OEM: 13513343
Service: 19115674
Description: 30-Way F
GT 150 280 Metri-Pack
Series (GY)



Terminal Part Information

Pins: A1, A2, A4, E2, E3
Terminal/Tray: 13525970/4
Core/Insulation Crimp: 2/A
Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Pins: A2, A3, A7, A8, E1, E5, F5, F8
Terminal/Tray: 15496302/5
Core/Insulation Crimp: E/A
Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Pins: B1
Terminal/Tray: 13525969/4
Core/Insulation Crimp: E/A
Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Pins: B3

Terminal/Tray: 13525970/4

Core/Insulation Crimp: E/A

Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Pins: B5

Terminal/Tray: 13525969/4

Core/Insulation Crimp: See Terminal Repair Kit

Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Pins: C1, C2, D1, D2

Terminal/Tray: 12110127/19

Core/Insulation Crimp: F/G

Release Tool/Test Probe: 12150860/J-35616-44 (YE)

Pin	Wire Color	Circuit No.	Function
A1	0.8 BK	250	Ground
A2	0.8 L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage
A3	0.5 D-BU	545	DRL Supply Voltage (T61)
A4	0.8 D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage
A5-A6	--	--	Not Used
A7	0.5 L-GN/BK	311	Right Headlamp High Beam Supply Voltage
A8	0.5 D-GN/WH	711	Left Headlamp High Beam Supply Voltage
B1-B2	--	--	Not Used
B3	0.5 D-BU	545	DRL Supply Voltage (T61)
B4	--	--	Not Used

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Fuse Block - Underhood X1 (cont'd)

Pin	Wire Color	Circuit No.	Function
B5	0.8 PU	2234	Front Fog Lamp Supply Voltage (T96)
	0.8 PU	2234	Front Fog Lamp Supply Voltage (T96)
C1	5 GY	532	Cooling Fan Motor Supply Voltage (Gas except LY6 or HP2)
C2	5 YE	5358	Cooling Fan Motor Supply Voltage (Gas except LY6 or HP2)
D1	5 L-BU	409	Cooling Fan Motor Supply Voltage (Gas except LY6 or HP2)
D2	5 BK	150	Ground (10 Series except HP2)
E1	0.5 OG	228	Windshield Washer Pump Control

Pin	Wire Color	Circuit No.	Function
E2	0.8 YE	712	Left Headlamp Low Beam Supply Voltage
E3	0.8 TN/WH	312	Right Headlamp Low Beam Supply Voltage
E4	--	--	Not Used
E5	0.5 D-GN	29	Horn Control
	0.5 D-GN	29	Horn Control
F1-F4	--	--	Not Used
F5	0.5 BN	2609	Right Front Park Lamps Supply Voltage
F6-F7	--	--	Not Used
F8	0.5 BN	2509	Left Front Park Lamps Supply Voltage

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Fuse Block - Underhood Bottom View

