

ELECTRICAL

Wiring Systems and Power Management - Component Locator - Electrical Center Identification Views - Canyon, Colorado

ELECTRICAL CENTER IDENTIFICATION VIEWS

X50A FUSE BLOCK - UNDERHOOD LABEL

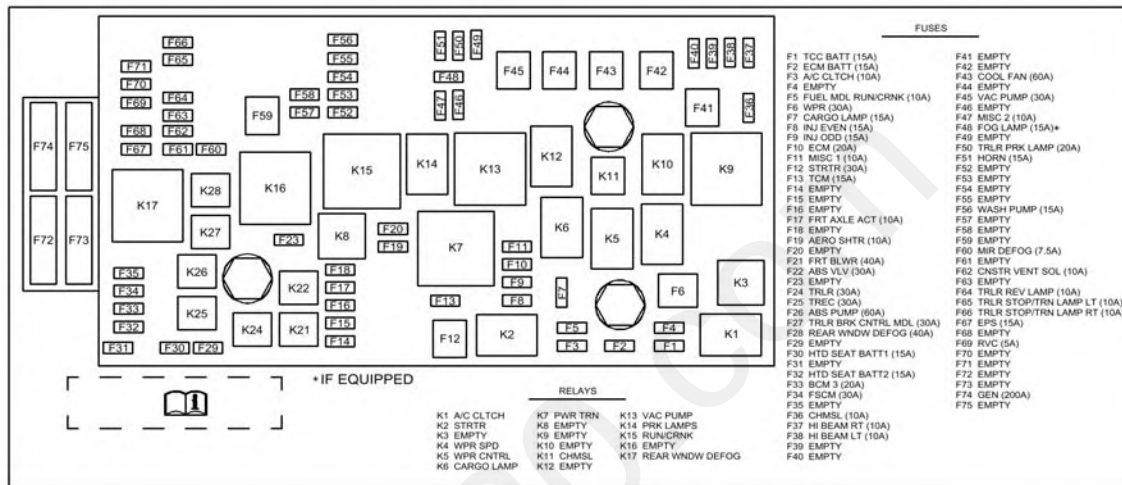


Fig. 1: X50A Fuse Block -- Underhood Label
Courtesy of GENERAL MOTORS COMPANY

X50A FUSE BLOCK - UNDERHOOD LABEL (LWN/DIESEL)

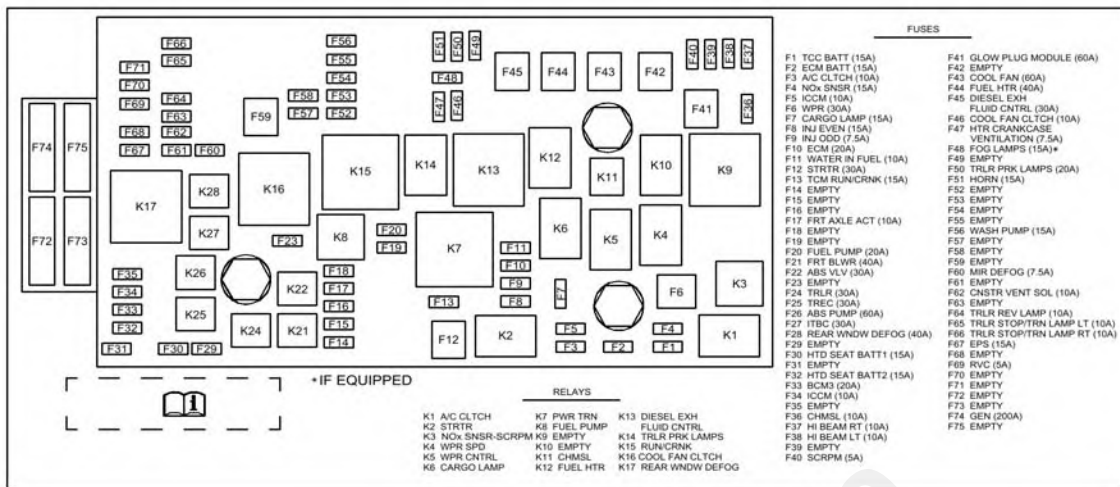


Fig. 2: X50A Fuse Block - Underhood Label
 Courtesy of GENERAL MOTORS COMPANY

X50A FUSE BLOCK - UNDERHOOD TOP VIEW

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
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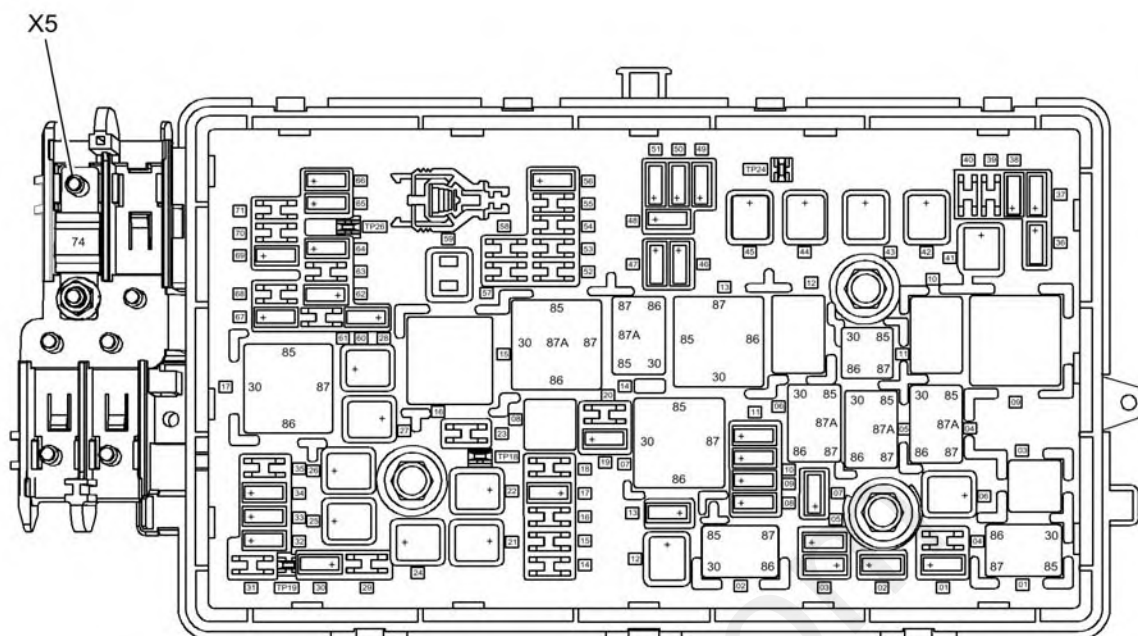


Fig. 3: X50A Fuse Block -- Underhood Top View
 Courtesy of GENERAL MOTORS COMPANY

X50A Fuse Block - Underhood Usage

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
Fuses				
F1	TCM BATT	F1UA Fuse	15A	K71 Transmission Control Module (MYB), Q8 Control Solenoid Valve Assembly (MYB)
F2	ECM BATT	F2UA Fuse	15A	K20 Engine Control Module
F3	A/C CLTCH	F3UA Fuse	10A	KR29 A/C Compressor Clutch Relay, Q2 A/C Compressor Clutch
F4	EMPTY	F4UA Fuse	-	Not Used
F5	FUEL MDL RUN/CRNK	F5UA Fuse	10A	K20 Engine Control Module, K71 Transmission Control Module (MYB), Q8 Control Solenoid Valve Assembly (MYB)
F6	WPR	F6UA Fuse	30A	KR12B Windshield Wiper Relay, KR12C Windshield Wiper Speed Control Relay
F7	CARGO LAMP	F7UA Fuse	15A	KR112 Cargo Lamp Relay

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
F8	INJ EVEN	F8UA Fuse	15A	K20 Engine Control Module (LFX), T8B Ignition Coil 2 (LFX), T8D Ignition Coil 4 (LFX), T8F Ignition Coil 6 (LFX)
F9	INJ ODD	F9UA Fuse	15A	K20 Engine Control Module, T8A Ignition Coil 1 (LCV), T8A Ignition Coil 1 (LFX), T8B Ignition Coil 2 (LCV), T8C Ignition Coil 3 (LCV), T8C Ignition Coil 3 (LFX), T8D Ignition Coil 4 (LCV), T8E Ignition Coil 5 (LFX)
F10	ECM	F10UA Fuse	20A	K20 Engine Control Module
F11	MISC 1	F11UA Fuse	10A	B52B Heated Oxygen Sensor 2 (LCV), B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LFX), B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LFX), B75C Multifunction Intake Air Sensor
F12	STRTR	F12UA Fuse	30A	KR27 Starter Relay
F13	TCM	F13UA Fuse	15A	K71 Transmission Control Module (MYB), Q8 Control Solenoid Valve Assembly (MYB)
F14	EMPTY	F14UA Fuse	-	Not Used
F15	EMPTY	F15UA Fuse	-	Spare Fuse
F16	EMPTY	F16UA Fuse	-	Not Used
F17	FRT AXLE ACT	F17UA Fuse	10A	M26 Front Axle Engagement Actuator (NQ6/NQ7)
F18	EMPTY	F18UA Fuse	-	Not Used
F19	AERO SHTR	F19UA Fuse	10A	M96 Active Grille Air Shutter Actuator
F20	EMPTY	F20UA Fuse	-	Not Used
F21	FRT BLWR	F21UA Fuse	40A	K8 Blower Motor Control Module
F22	ABS VLV	F22UA Fuse	30A	K17 Electronic Brake Control Module
F23	EMPTY	F23UA Fuse	-	Not Used
F24	TRLR	F24UA Fuse	30A	W8 Blunt Cut - Trailer Provision, X88 Trailer Connector (Z82)
F25	TREC	F25UA Fuse	30A	A16 Transfer Case Motor (NQ6/NQ7), K69 Transfer Case Control Module (NQ6/NQ7)
F26	ABS PUMP	F26UA Fuse	60A	K17 Electronic Brake Control Module
F27	TRLR BRK CNTRL MDL	F27UA Fuse	30A	W24 Blunt Cut - Trailer Brakes Provision (Z82)
F28	REAR WNDW DEFOG	F28UA Fuse	40A	F63UA Fuse, E18 Rear Defogger Grid (C49)
F29	EMPTY	F29UA Fuse	-	Not Used
F30	HTD SEAT BATT1	F30UA Fuse	15A	K29 Seat Heating Control Module (KA1)
F31	EMPTY	F31UA Fuse	-	Not Used
F32	HTD SEAT BATT2	F32UA Fuse	15A	K29 Seat Heating Control Module (KA1)
F33	BCM 3	F33UA Fuse	20A	K9 Body Control Module

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
F34	FSCM	F34UA Fuse	30A	K38 Chassis Control Module (LFX), K111 Fuel Pump Driver Control Module (LCV)
F35	EMPTY	F35UA Fuse	-	Not Used
F36	CHMSL	F36UA Fuse	10A	KR41 Center High Mounted Stop Lamp Relay
F37	HI BEAM RT	F37UA Fuse	10A	E4F Headlamp - Right High Beam
F38	HI BEAM LT	F38UA Fuse	10A	E4E Headlamp - Left High Beam
F39	EMPTY	F39UA Fuse	-	Not Used
F40	EMPTY	F40UA Fuse	-	Not Used
F41	EMPTY	F41UA Fuse	-	Not Used
F42	EMPTY	F42UA Fuse	-	Not Used
F43	COOL FAN	F43UA Fuse	60A	K22 Cooling Fan Control Module
F44	EMPTY	F44UA Fuse	-	Not Used
F45	VAC PUMP	F45UA Fuse	30A	KR14 Brake Booster Pump Motor Relay (LFX)
F46	EMPTY	F46UA Fuse	-	Not Used
F47	MISC 2	F47UA Fuse	10A	B52A Heated Oxygen Sensor 1 (LCV), B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LFX), B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LFX), E41 Engine Coolant Thermostat Heater (LCV), K20 Engine Control Module (LCV), Q12 Evaporative Emission Purge Solenoid Valve, Q44 Engine Oil Pressure Control Solenoid Valve (LCV)
F48	FOG LAMP	F48UA Fuse	15A	E29LF Fog Lamp - Left Front (T3U), E29RF Fog Lamp - Right Front (T3U)
F49	EMPTY	F49UA Fuse	-	Not Used
F50	TRLR PRK LAMP	F50UA Fuse	20A	W8 Blunt Cut - Trailer Provision, X88 Trailer Connector (Z82)
F51	HORN	F51UA Fuse	15A	P13 Horn Assembly
F52	EMPTY	F52UA Fuse	-	Not Used
F53	EMPTY	F53UA Fuse	-	Not Used
F54	EMPTY	F54UA Fuse	-	Not Used
F55	EMPTY	F55UA Fuse	-	Not Used
F56	WASH PUMP	F56UA Fuse	15A	G24 Windshield Washer Pump
F57	EMPTY	F57UA Fuse	-	Not Used
F58	EMPTY	F58UA Fuse	-	Not Used
F59	EMPTY	F59UA Fuse	-	Not Used
F60	MIR DEFOG	F60UA Fuse	7.5A	E17D Outside Rearview Mirror Glass - Driver (DL9), E17P Outside Rearview Mirror Glass - Passenger (DL9)
F61	EMPTY	F61UA Fuse	-	Not Used
F62	CNSTR VENT SOL	F62UA Fuse	10A	Q13 Evaporative Emission Vent Solenoid Valve
F63	EMPTY	F63UA Fuse	-	Not Used

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
F64	TRLR REV LAMP	F64UA Fuse	10A	KR61 Trailer Backup Lamps Relay
F65	TRLR STOP/TRN LAMP LT	F65UA Fuse	10A	W8 Blunt Cut - Trailer Provision, X88 Trailer Connector (Z82)
F66	TRLR STOP/TRN LAMP RT	F66UA Fuse	10A	KR63R Trailer Stop/Turn Signal Lamp Relay - Right
F67	EPS	F67UA Fuse	15A	K43 Power Steering Control Module
F68	EMPTY	F68UA Fuse	-	Not Used
F69	RVC	F69UA Fuse	5A	K9 Body Control Module
F70	EMPTY	F70UA Fuse	-	Not Used
F71	EMPTY	F71UA Fuse	-	Not Used
F72	EMPTY	F72UB Fuse	-	Not Used
F73	EMPTY	F73UB Fuse	-	Not Used
F74	GEN	F74UB Fuse	200A	G13 Generator
F75	EMPTY	F75UB Fuse	-	Not Used
Relays				
K1	A/C CLTCH	KR29 A/C Compressor Clutch Relay	-	Q2 A/C Compressor Clutch
K2	STRTR	KR27 Starter Relay	-	M64 Starter Motor
K3	EMPTY	-	-	Not Used
K4	WPR SPD	KR12C Windshield Wiper Speed Control Relay	-	M75 Windshield Wiper Motor
K5	WPR CNTRL	KR12B Windshield Wiper Relay	-	M75 Windshield Wiper Motor
K6	CARGO LAMP	KR112 Cargo Lamp Relay	-	E6 Center High Mounted Stop Lamp
K7	PWR TRN	KR75 Engine Controls Ignition Relay	-	F8UA, F9UA, F10UA, F11UA, F47UA Fuses, KR29 A/C Compressor Clutch Relay
K8	EMPTY	-	-	Not Used
K9	EMPTY	-	-	Not Used
K10	EMPTY	-	-	Not Used
K11	CHMSL	KR41 Center High Mounted Stop Lamp Relay	-	E6 Center High Mounted Stop Lamp
K12	EMPTY	-	-	Not Used
K13	VAC PUMP	KR14 Brake Booster Pump Motor Relay	-	M9 Brake Booster Pump Motor (LFX)
K14	PRK LAMPS	KR125 Trailer Park Lamps Relay	-	F50UA Fuse
K15	RUN/CRNK	KR73 Ignition Main Relay	-	F5UA, F13UA, F16UA, F17UA, F18UA, F19UA, F52UA, F53UA, F54UA, F57UA Fuses
K16	EMPTY	-	-	Not Used

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
K17	REAR WNDW DEFOG	KR5 Rear Defogger Relay	-	F28UA, F60UA, F63UA Fuses, E17D Outside Rearview Mirror Glass - Driver (DL9), E17P Outside Rearview Mirror Glass - Passenger (DL9), E18 Rear Defogger Grid (C49)

NOTE:

Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block.

-	-	KR3 Horn Relay	-	F51UA Fuse
-	-	KR11 Windshield Washer Pump Relay	-	F56UA Fuse
-	-	KR46 Front Fog Lamp Relay	-	F48UA Fuse
-	-	KR48 Headlamp High Beam Relay	-	F37UA, F38UA Fuses
-	-	KR61 Trailer Backup Lamps Relay	-	P3 Backup Alarm (8S3), W8 Blunt Cut - Trailer Provision, X88 Trailer Connector (Z82)
-	-	KR63L Trailer Stop/Turn Signal Lamp Relay - Left	-	F65UA Fuse, X88 Trailer Connector (Z82), W8 Blunt Cut - Trailer Provision
-	-	KR63R Trailer Stop/Turn Signal Lamp Relay - Right	-	W8 Blunt Cut - Trailer Provision, X88 Trailer Connector (Z82)
-	-	KR113 Child Security Lock Disable Relay	-	A23LR Door Latch Assembly - Left Rear, A23P Door Latch Assembly - Passenger, A23RR Door Latch Assembly - Right Rear

NOTE:

Items listed below are diagnostic testing points.

TP19	-	TP19	-	Not Used
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NOTE:

Items listed below are Door Lock/Indicator system diagnostic testing points.

TP18	CKT 3271	TP18	-	KR113 Child Security Lock Disable Relay
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NOTE:

Items listed below are Trailer Connector/Provision system diagnostic testing points.

TP24	CKT 1619	TP24	-	KR63R Trailer Stop/Turn Signal Lamp Relay - Right
TP26	CKT 1624	TP26	-	KR61 Trailer Backup Lamps Relay

X50A FUSE BLOCK - UNDERHOOD TOP VIEW (LWN/DIESEL)

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
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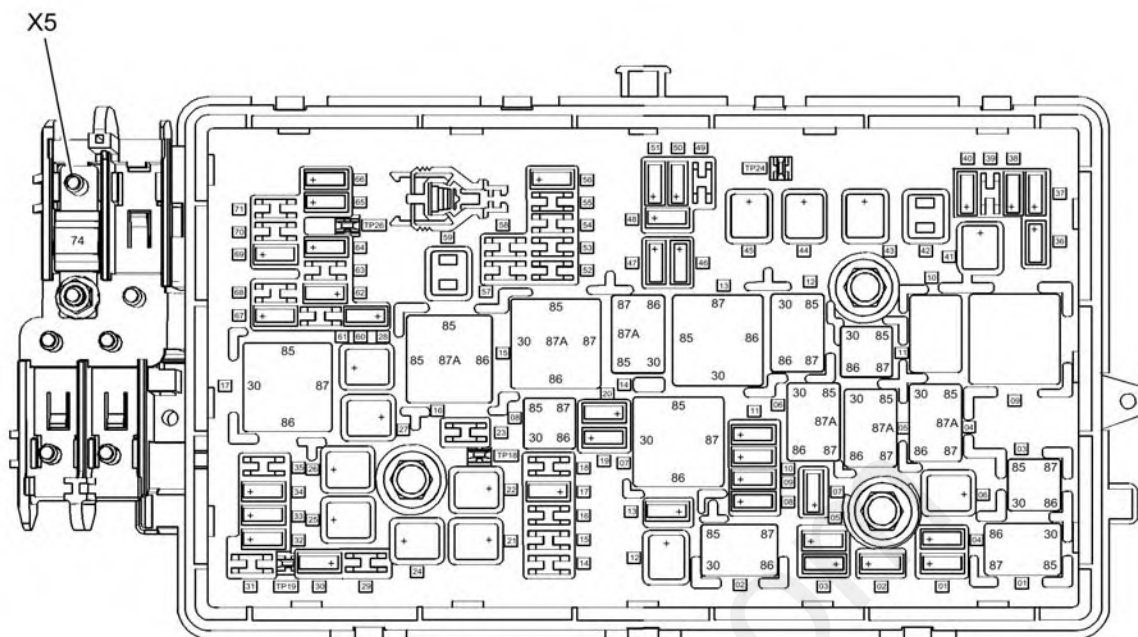


Fig. 4: X50A Fuse Block - Underhood Top View
Courtesy of GENERAL MOTORS COMPANY

X50A Fuse Block - Underhood Usage

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
Fuses				
F1	TCM BATT	F1UA Fuse	15A	Q8 Control Solenoid Valve Assembly (MYB)
F2	ECM BATT	F2UA Fuse	15A	K20 Engine Control Module
F3	A/C CLTCH	F3UA Fuse	10A	KR29 A/C Compressor Clutch Relay, Q2 A/C Compressor Clutch
F4	NOx SNSR	F4UA Fuse	15A	B136 Exhaust Particulate Matter Sensor (LWN), B195A Nitrogen Oxides Sensor 1 (LWN), B195B Nitrogen Oxides Sensor 2 (LWN)
F5	ICCM	F5UA Fuse	10A	B116 Water in Fuel Sensor, K20 Engine Control Module, K71 Transmission Control Module (MYB), Q8 Control Solenoid Valve Assembly (MYB)

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
F6	WPR	F6UA Fuse	30A	KR12B Windshield Wiper Relay, KR12C Windshield Wiper Speed Control Relay
F7	CARGO LAMP	F7UA Fuse	15A	KR112 Cargo Lamp Relay
F8	INJ EVEN	F8UA Fuse	15A	K20 Engine Control Module
F9	INJ ODD	F9UA Fuse	7.5A	K20 Engine Control Module
F10	ECM	F10UA Fuse	20A	K20 Engine Control Module
F11	WATER IN FUEL	F11UA Fuse	10A	B75C Multifunction Intake Air Sensor
F12	STRTR	F12UA Fuse	30A	KR27 Starter Relay
F13	TCM RUN/CRNK	F13UA Fuse	15A	K71 Transmission Control Module (MYB), Q8 Control Solenoid Valve Assembly (MYB)
F14	EMPTY	F14UA Fuse	-	Not Used
F15	EMPTY	F15UA Fuse	-	Spare Fuse
F16	EMPTY	F16UA Fuse	-	Not Used
F17	FRT AXLE ACT	F17UA Fuse	10A	M26 Front Axle Engagement Actuator (NQ6/NQ7)
F18	EMPTY	F18UA Fuse	-	Not Used
F19	EMPTY	F19UA Fuse	-	Not Used
F20	FUEL PUMP	F20UA Fuse	20A	KR23A Fuel Pump Relay
F21	FRT BLWR	F21UA Fuse	40A	K8 Blower Motor Control Module
F22	ABS VLV	F22UA Fuse	30A	K17 Electronic Brake Control Module
F23	EMPTY	F23UA Fuse	-	Not Used
F24	TRLR	F24UA Fuse	30A	X88 Trailer Connector (Z82)
F25	TREC	F25UA Fuse	30A	A16 Transfer Case Motor (NQ6/NQ7), K69 Transfer Case Control Module (NQ6/NQ7)
F26	ABS PUMP	F26UA Fuse	60A	K17 Electronic Brake Control Module
F27	ITBC	F27UA Fuse	30A	K133 Trailer Brake Power Control Module
F28	REAR WNDW DEFOG	F28UA Fuse	40A	F63UA Fuse, E18 Rear Defogger Grid (C49)
F29	EMPTY	F29UA Fuse	-	Not Used
F30	HTD SEAT BATT1	F30UA Fuse	15A	K29 Seat Heating Control Module (KA1)
F31	EMPTY	F31UA Fuse	-	Not Used
F32	HTD SEAT BATT2	F32UA Fuse	15A	K29 Seat Heating Control Module (KA1)
F33	BCM 3	F33UA Fuse	20A	K9 Body Control Module
F34	ICCM	F34UA Fuse	30A	K38 Chassis Control Module
F35	EMPTY	F35UA Fuse	-	Not Used
F36	CHMSL	F36UA Fuse	10A	KR41 Center High Mounted Stop Lamp Relay
F37	HI BEAM RT	F37UA Fuse	10A	E4F Headlamp - Right High Beam
F38	HI BEAM LT	F38UA Fuse	10A	E4E Headlamp - Left High Beam
F39	EMPTY	F39UA Fuse	-	Not Used
F40	SCRPN	F40UA Fuse	5A	K115 Reductant Control Module
F41	GLOW PLUG MODULE	F41UA Fuse	60A	K20 Engine Control Module
F42	EMPTY	F42UA Fuse	-	Not Used

	COOL FAN	F43UA Fuse	60A	K22 Cooling Fan Control Module
No.	Device Label Name	Description	Rating	Circuit
F45	DIESEL EXH FLUID CNTRL	F45UA Fuse	30A	KR121A Reductant Control Module Relay 1
F46	COOL FAN CLTCH	F46UA Fuse	10A	KR20F Cooling Fan Relay
F47	HTR CRANKCASE VENTILATION	F47UA Fuse	7.5A	E45 Positive Crankcase Ventilation Heater
F48	FOG LAMPS	F48UA Fuse	15A	E29LF Fog Lamp - Left Front (T3U), E29RF Fog Lamp - Right Front (T3U)
F49	EMPTY	F49UA Fuse	-	Not Used
F50	TRLR PRK LAMPS	F50UA Fuse	20A	X88 Trailer Connector (Z82)
F51	HORN	F51UA Fuse	15A	P13 Horn Assembly
F52	EMPTY	F52UA Fuse	-	Not Used
F53	EMPTY	F53UA Fuse	-	Not Used
F54	EMPTY	F54UA Fuse	-	Not Used
F55	EMPTY	F55UA Fuse	-	Not Used
F56	WASH PUMP	F56UA Fuse	15A	G24 Windshield Washer Pump
F57	EMPTY	F57UA Fuse	-	Not Used
F58	EMPTY	F58UA Fuse	-	Not Used
F59	EMPTY	F59UA Fuse	-	Not Used
F60	MIR DEFOG	F60UA Fuse	7.5A	E17D Outside Rearview Mirror Glass - Driver (DL9), E17P Outside Rearview Mirror Glass - Passenger (DL9)
F61	EMPTY	F61UA Fuse	-	Not Used
F62	CNSTR VENT SOL	F62UA Fuse	10A	K115 Reductant Control Module
F63	EMPTY	F63UA Fuse	-	Not Used
F64	TRLR REV LAMP	F64UA Fuse	10A	KR61 Trailer Backup Lamps Relay
F65	TRLR STOP/TRN LAMP LT	F65UA Fuse	10A	X88 Trailer Connector (Z82)
F66	TRLR STOP/TRN LAMP RT	F66UA Fuse	10A	KR63R Trailer Stop/Turn Signal Lamp Relay - Right
F67	EPS	F67UA Fuse	15A	K43 Power Steering Control Module
F68	EMPTY	F68UA Fuse	-	Not Used
F69	RVC	F69UA Fuse	5A	K9 Body Control Module
F70	EMPTY	F70UA Fuse	-	Not Used
F71	EMPTY	F71UA Fuse	-	Not Used
F72	EMPTY	F72UB Fuse	-	Not Used
F73	EMPTY	F73UB Fuse	-	Not Used
F74	GEN	F74UB Fuse	200A	G13 Generator
F75	EMPTY	F75UB Fuse	-	Not Used
Relays				
K1	A/C CLTCH	KR29 A/C Compressor Clutch Relay	-	Q2 A/C Compressor Clutch
K2	STRTR	KR27 Starter Relay	-	M64 Starter Motor

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
K3	NOx SNSR-SCRPM	KR121B Reductant Control Module Relay 2	-	F4UA, F44UA, B136 Exhaust Particulate Matter Sensor, B195A Nitrogen Oxides Sensor 1, B195B Nitrogen Oxides Sensor 2, K115 Reductant Control Module
K4	WPR SPD	KR12C Windshield Wiper Speed Control Relay	-	M75 Windshield Wiper Motor
K5	WPR CNTRL	KR12B Windshield Wiper Relay	-	M75 Windshield Wiper Motor
K6	CARGO LAMP	KR112 Cargo Lamp Relay	-	E6 Center High Mounted Stop Lamp
K7	PWR TRN	KR75 Engine Controls Ignition Relay	-	F8UA, F9UA, F10UA, F11UA, F47UA Fuses, KR29 A/C Compressor Clutch Relay
K8	FUEL PUMP	KR23A Fuel Pump Relay	-	A7 Fuel Pump and Level Sensor - Assembly
K9	EMPTY	-	-	Not Used
K10	EMPTY	-	-	Not Used
K11	CHMSL	KR41 Center High Mounted Stop Lamp Relay	-	E6 Center High Mounted Stop Lamp
K12	FUEL HTR	KR22 Fuel Heater Relay	-	E11B Fuel Heater/Temperature Sensor
K13	DIESEL EXH FLUID CNTRL	KR121A Reductant Control Module Relay 1	-	K115 Reductant Control Module
K14	PRK LAMPS	KR125 Trailer Park Lamps Relay	-	F50UA Fuse
K15	RUN/CRNK	KR73 Ignition Main Relay	-	F5UA, F13UA, F16UA, F17UA, F18UA, F19UA, F52UA, F53UA, F54UA, F57UA Fuses
K16	COOL FAN CLTCH	KR20F Cooling Fan Relay	-	K22 Cooling Fan Control Module
K17	REAR WNDW DEFOG	KR5 Rear Defogger Relay	-	F28UA, F60UA, F63UA Fuses, E17D Outside Rearview Mirror Glass - Driver (DL9), E17P Outside Rearview Mirror Glass - Passenger (DL9), E18 Rear Defogger Grid (C49)
NOTE: Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block.				
-	-	KR3 Horn Relay	-	F51UA Fuse
-	-	KR11 Windshield Washer Pump Relay	-	F56UA Fuse

No.	Device Label Name	Fuse And Relay Description	Rating	Circuits
-	-	KR46 Front Fog Lamp Relay	-	F48UA Fuse
-	-	KR48 Headlamp High Beam Relay	-	F37UA, F38UA Fuses
-	-	KR61 Trailer Backup Lamps Relay	-	P3 Backup Alarm (8S3), X88 Trailer Connector (Z82)
-	-	KR63L Trailer Stop/Turn Signal Lamp Relay - Left	-	F65UA Fuse, X88 Trailer Connector (Z82)
-	-	KR63R Trailer Stop/Turn Signal Lamp Relay - Right	-	X88 Trailer Connector (Z82)
-	-	KR113 Child Security Lock Disable Relay	-	A23LR Door Latch Assembly - Left Rear, A23P Door Latch Assembly - Passenger, A23RR Door Latch Assembly - Right Rear

NOTE:

Items listed below are diagnostic testing points.

TP19	-	TP19	-	Not Used
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NOTE:

Items listed below are Door Lock/Indicator system diagnostic testing points.

TP18	CKT 3271	TP18	-	KR113 Child Security Lock Disable Relay
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NOTE:

Items listed below are Trailer Connector/Provision system diagnostic testing points.

TP24	CKT 1619	TP24	-	KR63R Trailer Stop/Turn Signal Lamp Relay - Right
TP26	CKT 1624	TP26	-	KR61 Trailer Backup Lamps Relay

X50A FUSE BLOCK - UNDERHOOD BOTTOM VIEW

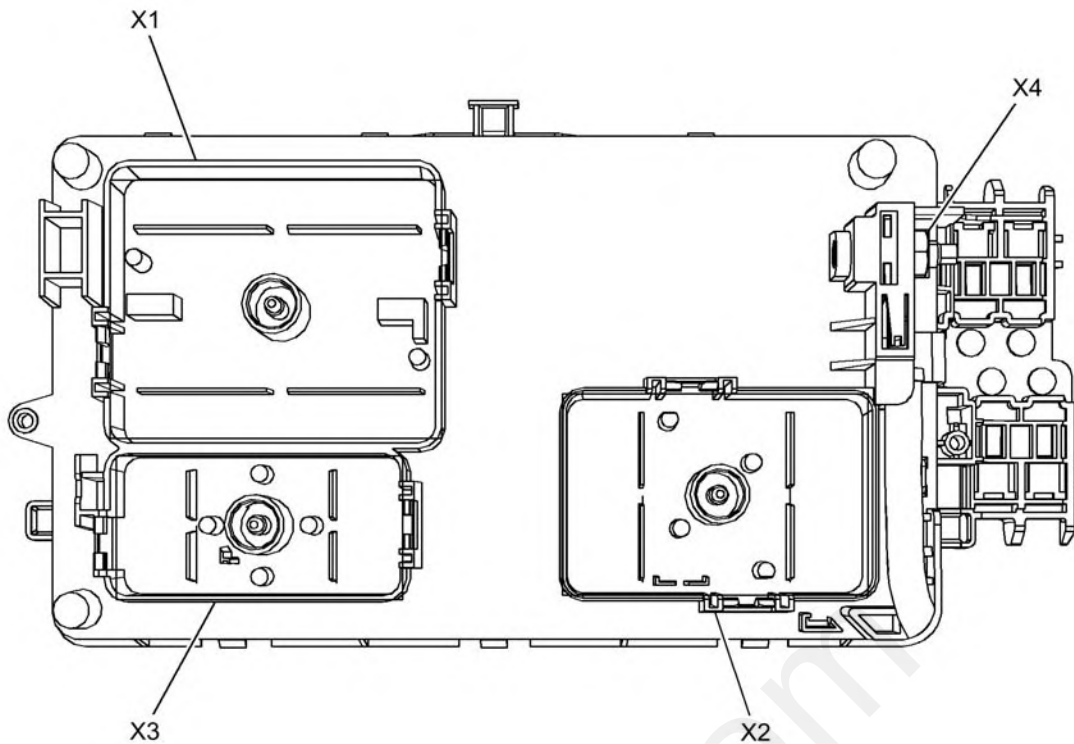
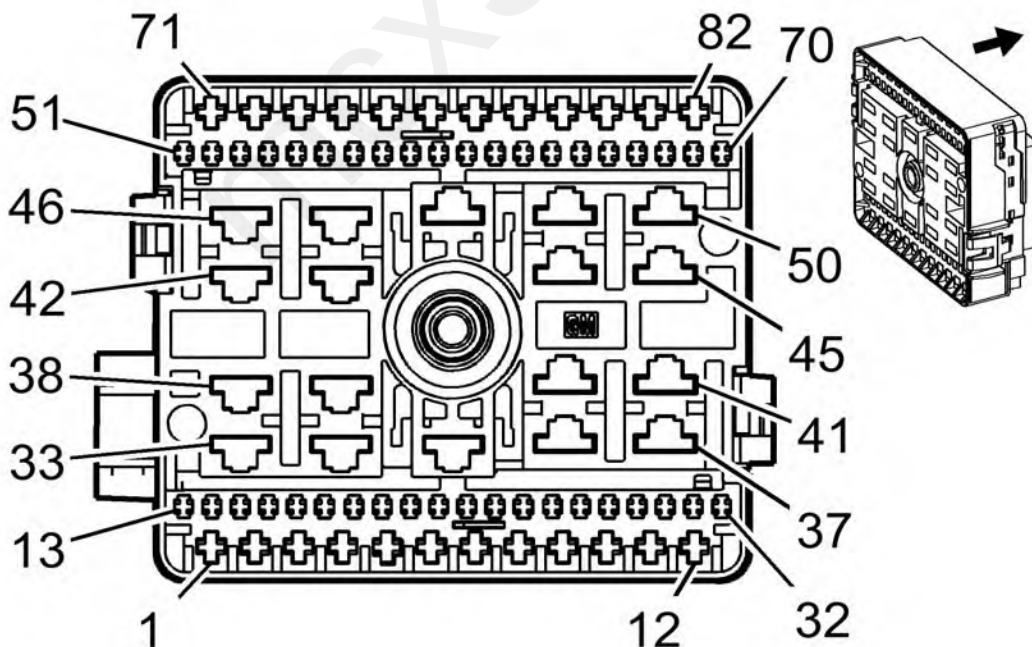


Fig. 5: X50A Fuse Block - Underhood Bottom View
 Courtesy of GENERAL MOTORS COMPANY

X50A FUSE BLOCK - UNDERHOOD X1



Connector Part Information

- Harness Type: Forward Lamp

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Terminal Core Crimp	Insulation Crimp
I	13327116	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13575491	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	13575718	J-35616-44 (YE)	J-38125-558	12092445	Delphi 18	G	G
IV	13575718	J-35616-44 (YE)	J-38125-558	12110127	Delphi 19	F	G
V	13575718	J-35616-44 (YE)	J-38125-558	Not Available	Not Available	Not Available	Not Available
VI	13575774	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13575780	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13578869	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	13579922	J-35616-44 (YE)	J-38125-558	12065915	Delphi 5	A	D

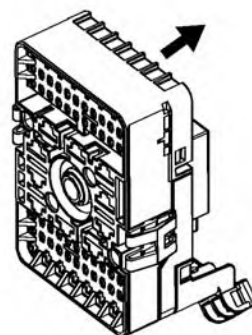
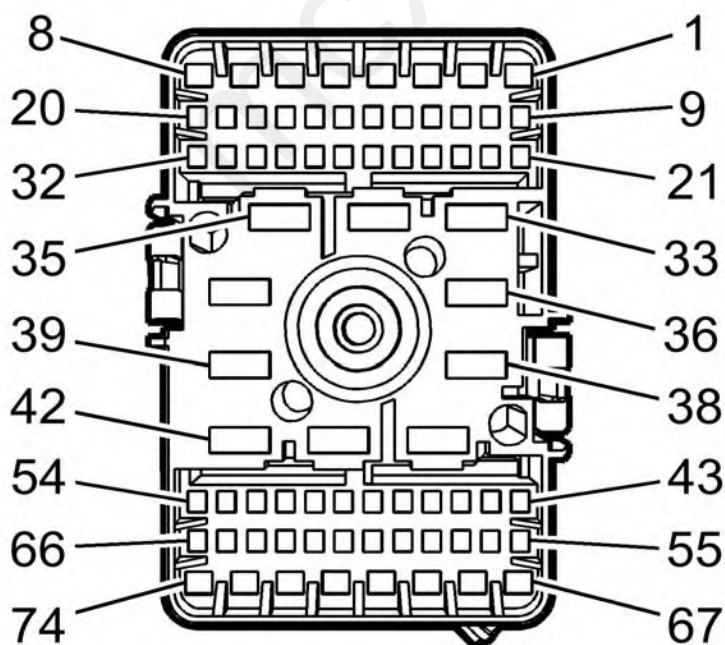
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13327116	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13575491	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
III	13575718	J-35616-44 (YE)	J-38125-558	12092445	Delphi 18	G	G
IV	13575718	J-35616-44 (YE)	J-38125-558	12110127	Delphi 19	F	G
V	13575718	J-35616-44 (YE)	J-38125-558	Not Available	Not Available	Not Available	Not Available
VI	13575774	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13575780	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13578869	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	13579922	J-35616-44 (YE)	J-38125-558	12065915	Delphi 5	A	D

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 7	-	-	-	Not Occupied	-	-
8	1.5	BN	2109	Trailer Park Lamp Control	I	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.75	BN/GY	29	Horn Control	VII	-
12	-	-	-	Not Occupied	-	-
13	0.75	WH	311	Right Headlamp High Beam Control	VI	-
14	0.5	WH	711	Left Headlamp High Beam Control	VI	-
15 - 29	-	-	-	Not Occupied	-	-
30	0.75	GY/VT	228	Windshield Washer Pump Control	VI	-
31	0.75	BN/VT	2234	Front Fog Lamp Control	VI	T3U
32 - 34	-	-	-	Not Occupied	-	-
35	6	RD/GY	4840	Battery Positive Voltage	V	-
36 - 37	-	-	-	Not Occupied	-	-
38	4	BN/L-BU	104	Glow Plug Control	III	LWN
39 - 40	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
41	1.5	L-GN/L-BU	3889	DEF Power Module Relay Control	IX	LWN
42 - 48	-	-	-	Not Occupied	-	-
49	2.5	L-BU/L-GN	7071	Heater Fuel Control	IV	LWN
50	2.5 4	BN/VT L-BU	1470 3921	Brake Booster Pump Motor Control DEF Heater Supply 1	IV III	LFX LWN
51 - 67	-	-	-	Not Occupied	-	-
68	0.5 1.5	BN L-GN/L-BU	6305 3889	Brake Vacuum Switch Signal DEF Power Module Relay Control	VI VIII	LFX LWN
69	0.5	WH/VT	4333	Aero Shutter Actuator Control	VI	LCV/LFX
70	-	-	-	Not Occupied	-	-
71	0.75	BK	1150	Ground	VII	-
72	1.5	WH	92	Windshield Wiper Motor High Speed Control	I	-
73	1.5	YE/BN	95	Windshield Wiper Motor Low Speed Control	I	-
74	1.5	BK	3150	Ground	I	-
75	0.35	VT/GY	1054	Stop Lamp Control	II	-
76 - 79	-	-	-	Not Occupied	-	-
80	0.75	WH/VT	1430	Exterior Courtesy Lamp Control	VII	S0Y
81 - 82	-	-	-	Not Occupied	-	-

X50A FUSE BLOCK - UNDERHOOD X2



Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Terminal Type ID	Core Crimp	Insulation Crimp
• OEM Connector: 13734284 • Service Connector: 13576544 • Description: 74-Way F 1.5 DSQ, 2.8 Metri-Pack 800 Series (BK)								

Terminal Part Information

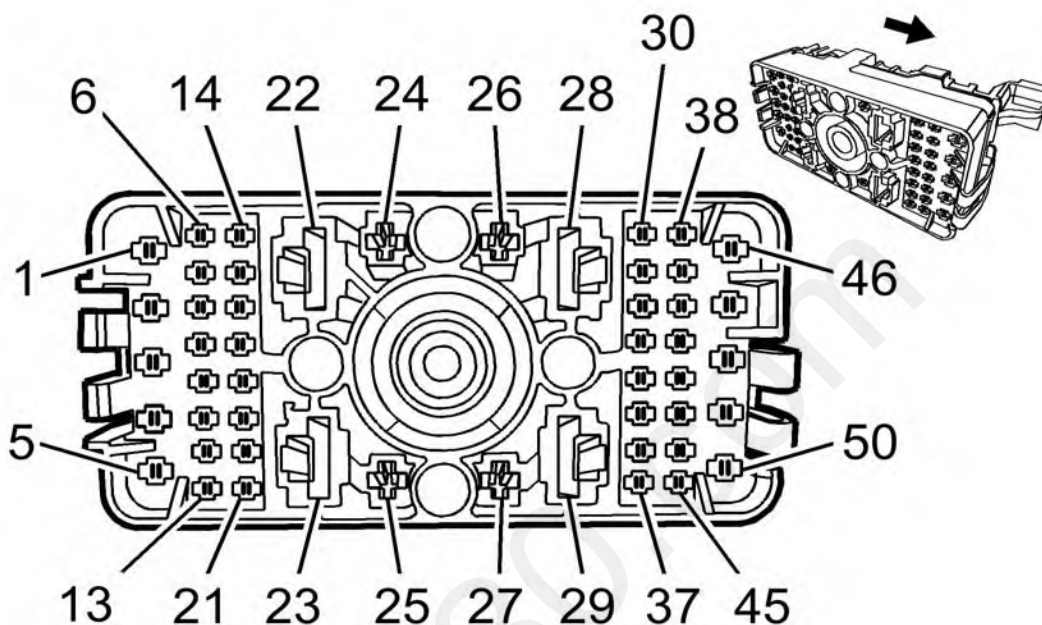
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13327116	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13575718	J-35616-44 (YE)	J-38125-558	12092445	Delphi 18	G	G
III	13575718	J-35616-44 (YE)	J-38125-558	12110127	Delphi 19	F	G
IV	13575718	J-35616-44 (YE)	J-38125-558	Not Available	Not Available	Not Available	Not Available
V	13575773	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13575774	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VII	13575781	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VIII	13578869	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IX	19299860	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 3	-	-	-	Not Occupied	-	-
4	1.5 0.75	GY GY	295 295	Door Lock Actuator Lock Control	VII IX	CREW CAB EXTENDED CAB
5	1.5	WH/L-BU	3266	Child Security Lock Motor Lock Control	VII	CREW CAB
6	2.5	GY	120	Fuel Pump Control	I	-
7 - 11	-	-	-	Not Occupied	-	-
12	1.5	GY/L-GN	3271	Door Lock Control (2)	VIII	-
13	0.5	VT/YE	3267	Child Security Lock Relay Control	V	-
14	0.75	VT/BK	2139	Run/Crank Ignition 1 Voltage	VI	-
15 - 16	-	-	-	Not Occupied	-	-
17	0.5	L-GN/VT	5199	Run/Crank Relay Coil Control	V	-
18	-	-	-	Not Occupied	-	-
19	0.5	BN/WH	1317	Fog Lamp Relay Control	V	T3U
20 - 21	-	-	-	Not Occupied	-	-
22	0.5	GY	91	Windshield Wiper Motor Relay Coil Control	V	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
23	-	-	-	Not Occupied	-	-
24	0.5	L-BU	45	Park Lamp Relay Control	V	-
25	0.5	BN/WH	28	Horn Relay Control	V	-
26 - 29	-	-	-	Not Occupied	-	-
30	0.75	L-GN	1619	Right Rear Trailer Stop/Turn Lamp Control	VI	-
31 - 32	-	-	-	Not Occupied	-	-
33	2.5	RD/VT	542	Battery Positive Voltage	III	-
34	2.5	RD/YE	442	Battery Positive Voltage	III	-
35	-	-	-	Not Occupied	-	-
36	4	OG	742	Battery Positive Voltage	II	-
37 - 38	-	-	-	Not Occupied	-	-
39	2.5	BN/VT	293	Rear Defog Element Control	III	-
40	2.5 2.5	RD/GY RD/GY	1342 1342	Battery Positive Voltage	IV III	NQ6 NQ6/NQ7
41	4	RD/GY	1042	Battery Positive Voltage	II	-
42	2.5	RD/L-GN	242	Battery Positive Voltage	III	-
43	0.5	BK	3150	Ground	V	-
44	-	-	-	Not Occupied	-	-
45	0.5	WH/VT	860	Front Windshield Wiper Switch High Signal	V	-
46	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	V	-
47	0.5	BN/WH	1429	Standing Lamp Relay Control	V	-
48	0.5	L-BU/BN	38	Backup Lamp Relay Control	V	-
49	0.5	L-BU/WH	5186	Left Trailer Turn Signal Lamp Control	V	-
50	-	-	-	Not Occupied	-	-
51	0.75	YE	1618	Left Rear Trailer Stop/Turn Lamp Control	VI	-
52	0.75	GY	1624	Trailer Backup Lamp Control	VI	-
53 - 55	-	-	-	Not Occupied	-	-
56	0.75	RD/L-GN	5140	Battery Positive Voltage	VI	-
57	-	-	-	Not Occupied	-	-
58	0.5	BN/VT	1969	Headlamp High Beam Relay Control	V	-
59	0.5	YE/GY	5187	Right Trailer Turn Signal Lamp Control	V	-
60	0.5	BN/GY	2268	Windshield Washer Relay Control	V	-
61	0.5	BN/VT	193	Rear Defog Relay Control	V	-
62	0.5	BN/YE	2267	Mirror Heating Element Control	V	DL9
63 - 67	-	-	-	Not Occupied	-	-
68	0.75	RD/L-GN	6140	Battery Positive Voltage	IX	-
69	2.5	RD/YE	2340	Battery Positive Voltage	I	-
70	2.5	RD/VT	1940	Battery Positive Voltage	I	-

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Terminal Type ID	Core Crimp	Insulation Crimp
71	-	-	Not Available	-	-	-	-	-
72	0.5	RD/BN	440	Battery Positive Voltage	-	IX	-	-
73	0.5	RD/L-GN	2440	Battery Positive Voltage	-	IX	-	-
74	0.5	RD/BN	5940	Battery Positive Voltage	-	IX	-	-

X50A FUSE BLOCK - UNDERHOOD X3



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13732282
- Service Connector: 13505902
- Description: 50-Way F 1.5, 2.8 DSQ Metri-Pack 800 Series (BK)

Terminal Part Information

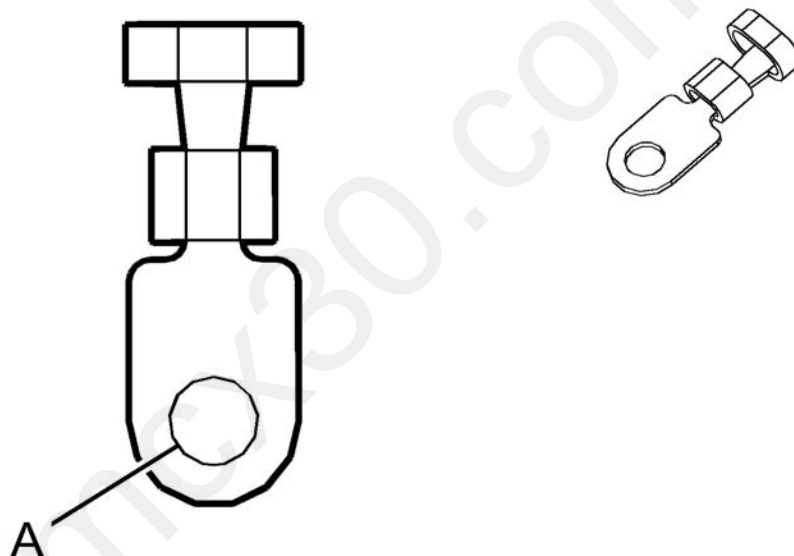
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	13327116	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
II	13575773	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13575774	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575781	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available

Terminal Type ID	Size	Terminal Color Lead	Diagnostic Test Probe	Terminal Removal Tool	Function	Tray Name	Terminal Type ID	Terminal Core Crimp	Option Crimp
V	19299860		J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	VT/L-BU	5290	Powertrain Main Relay Fused Supply (1)	I	LCV
	1	VT/L-BU	5290		I	LCV
	1	VT/L-BU	5290		V	LFX
	2.5	VT/L-BU	5290		IV	LWN
2	0.75	VT/L-BU	5291	Powertrain Main Relay Fused Supply (2)	V	-
3	0.75	VT/L-BU	5292	Powertrain Main Relay Fused Supply (3)	V	LFX
	1.5	VT/L-BU	5292		IV	LWN
4	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	V	-
5	2.5	YE	6	Starter Solenoid Crank Ignition Voltage	IV	LCV/LFX
	2	YE	6			LWN
6	0.5	VT/L-BU	5293	Powertrain Main Relay Fused Supply (4)	II	-
7	0.5	VT/L-BU	5294	Powertrain Main Relay Fused Supply (5)	II	LCV/LFX
	0.75	VT/L-BU	5294		III	LWN
8	-	-	-	Not Occupied	-	-
9	0.5	L-GN/GY	465	Fuel Pump Primary Relay Control	II	-
10	-	-	-	Not Occupied	-	-
11	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	II	-
12	0.5	WH/BK	2366	Cooling Fan Control Relay Speed Signal	II	-
13	0.75	BK/WH	151	Signal Ground	III	-
14	-	-	-	Not Occupied	-	-
15	2.5	BK	1450	Ground DEF Power Module Relay Control	II	LFX
	0.5	L-GN/L-BU	3889			LWN
16	-	-	-	Not Occupied	-	-
17	0.5	YE	5991	Powertrain Relay Coil Control	II	-
18 - 19	-	-	-	Not Occupied	-	-
20	0.75	VT/GY	139	Run/Crank Ignition 1 Voltage	III	-
21	0.5	BK	1450	Ground	III	LCV/LFX
	0.5	BK	1450		II	LWN
22 - 26	-	-	-	Not Occupied	-	-
27	0.5	RD/WH	140	Battery Positive Voltage	V	-
28 - 29	-	-	-	Not Occupied	-	-
30	0.5	WH	2368	Cooling Fan Control Signal	II	LWN
31 - 32	-	-	-	Not Occupied	-	-
33	0.5	VT/L-GN	4320	Selective Catalytic Reduction Power Module Wake Up Signal	II	LWN

Terminal Type ID	Terminal Size	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Function	Service Terminal	Tray	Terminal Type ID	Core Crimp	Insulation Crimp
34	0.5	WH/GY	459	A/C Compressor Control	A/C Compressor Clutch Relay			II		-
35	1.5	VT/L-BU	3674	Nox Sensor (1) Control				III		-
36	-	-	-	Not Occupied				-		-
37	0.75	RD/L-GN	1840	Battery Positive Voltage				III		-
38 - 39	-	-	-	Not Occupied				-		-
40	0.5	L-BU	3017	Fuel Heater Relay Control 1				II		LWN
41 - 48	-	-	-	Not Occupied				-		-
49	0.5	L-GN/L-BU	3889	DEF Power Module Relay Control				V		LWN
50	0.75	BN/L-GN	59	A/C Compressor Clutch Control				V		-

X50A FUSE BLOCK - UNDERHOOD X4



Connector Part Information

- Harness Type: Fuse Block - Underhood
- OEM Connector: 15327720
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

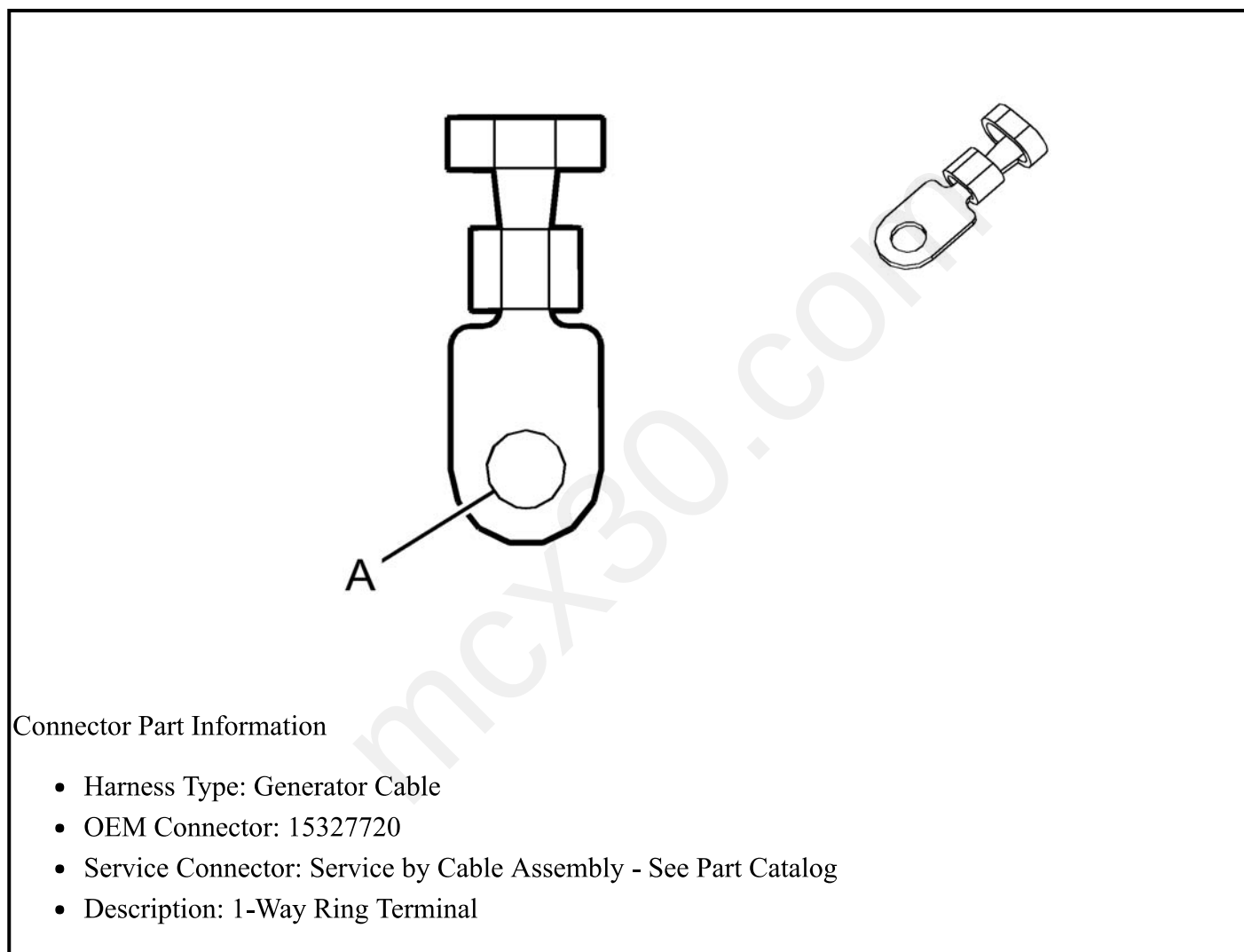
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Terminal Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	35	RD/WH	4042	Battery Positive Voltage	I	-

X50A FUSE BLOCK - UNDERHOOD X5



Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	Not Required	No Tool Required	No Tool Required	Not Required	Not Required	Not Required	Not Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option

Pin No.	Size	Device Label Name	Device Assigned Circuit Name	Function Rating	Terminal Description	Option
1	35	RD	1	Unfused Battery Positive Voltage	I	-
	35	RD	2	Battery Positive Voltage		-
A	-	-	-	Not Occupied	-	-

X50D FUSE BLOCK - BATTERY TOP VIEW

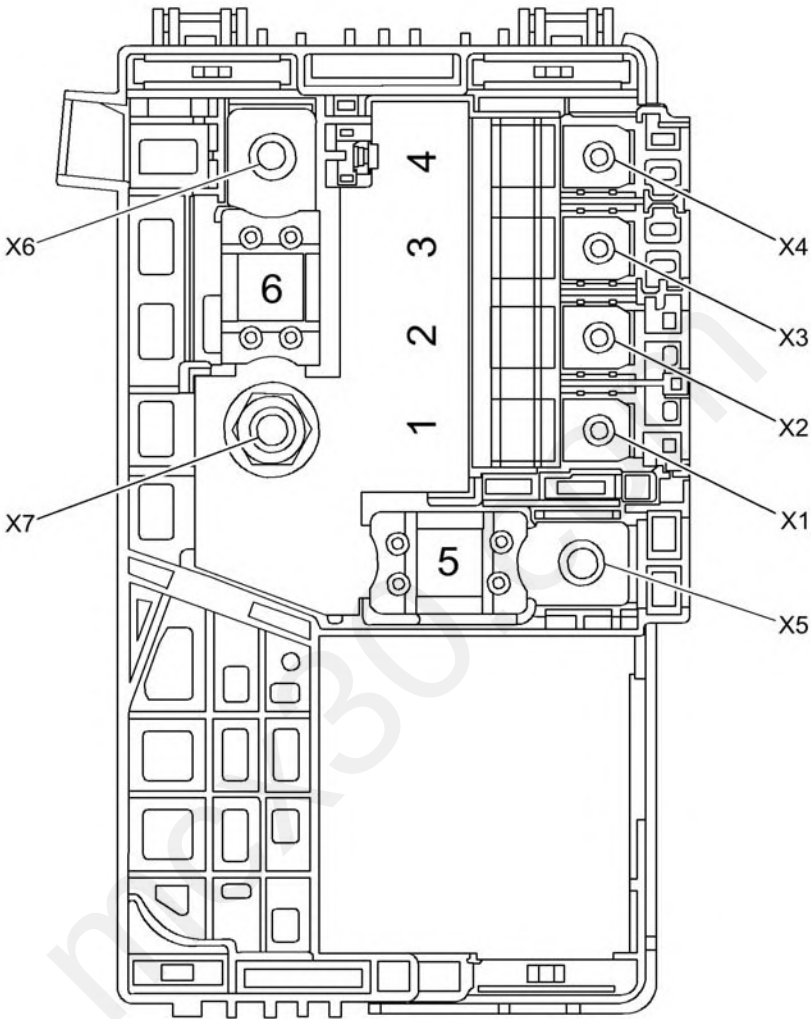
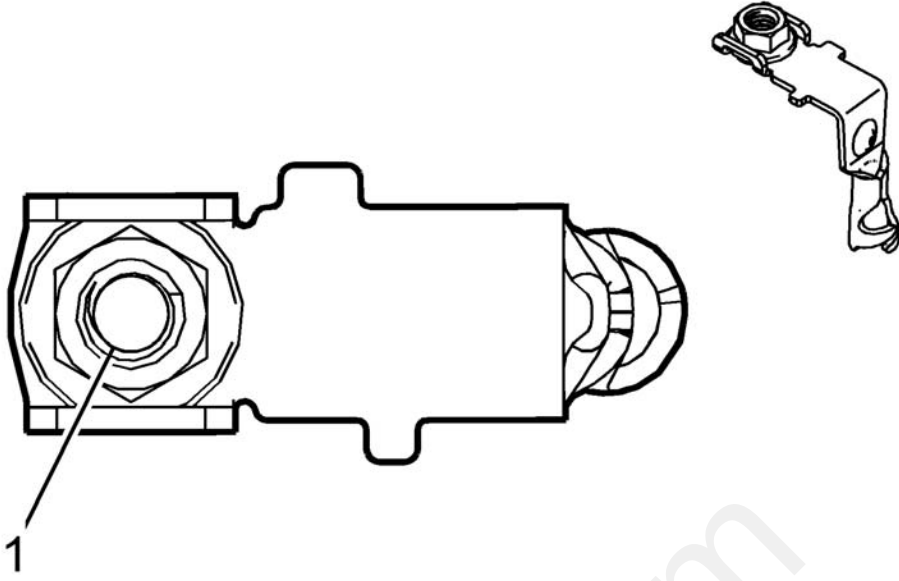


Fig. 6: X50D Fuse Block - Battery Top View
 Courtesy of GENERAL MOTORS COMPANY

X50D Fuse Block - Battery Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
1	-	F1UB	100A	K43 Power Steering Control Module
2	-	F2UB	100A	X51A Fuse Block - Instrument Panel
3	-	F3UB	100A	X51A Fuse Block - Instrument Panel
4	-	F4UB	100A	K22 Cooling Fan Control Module
5	-	F5UB	250A	X50A Fuse Block - Underhood
6	-	F6UB	300A	M64 Starter Motor

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Terminal Core Crimp	Insulation Crimp
							
Connector Part Information • Harness Type: Fuse Block - Battery • OEM Connector: 13371977 • Service Connector: Service by Cable Assembly - See Part Catalog • Description: 1-Way Ring Terminal (NA)							

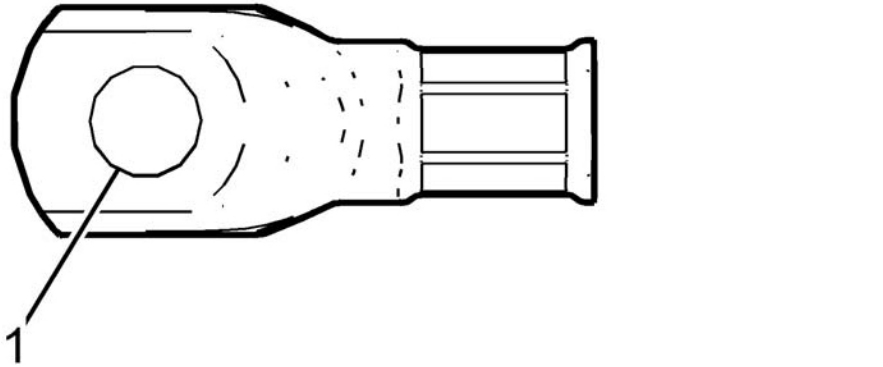
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/VT	842	Battery Positive Voltage	I	-

X50D FUSE BLOCK - BATTERY X2

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Terminal Core Crimp	Insulation Crimp
							
Connector Part Information • Harness Type: Fuse Block - Battery • OEM Connector: 13303048 • Service Connector: Service by Cable Assembly - See Part Catalog • Description: 1-Way Ring Terminal (NA)							

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	35	RD	1	Battery Positive Voltage	I	-

X51A FUSE BLOCK - INSTRUMENT PANEL LABEL

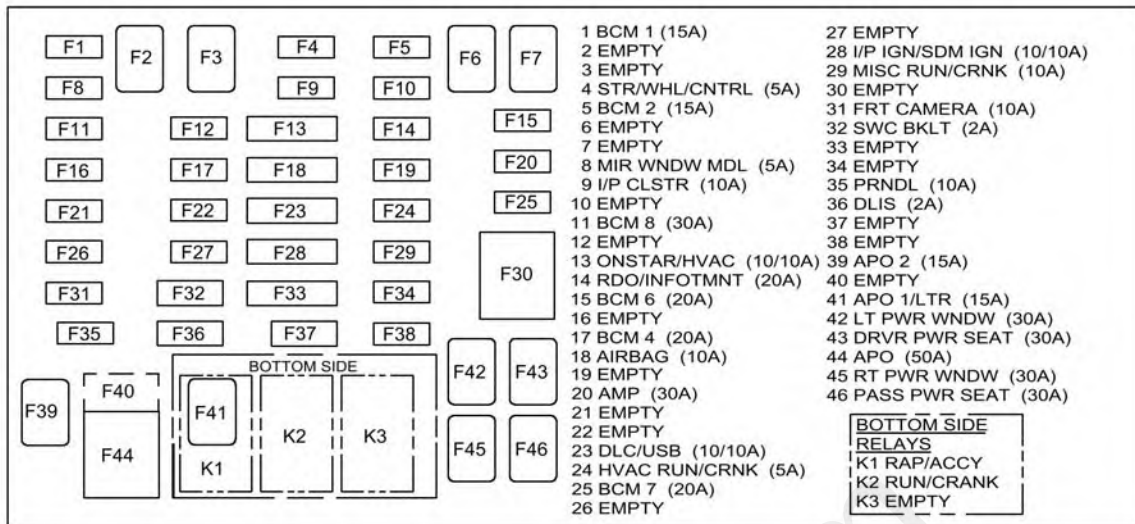
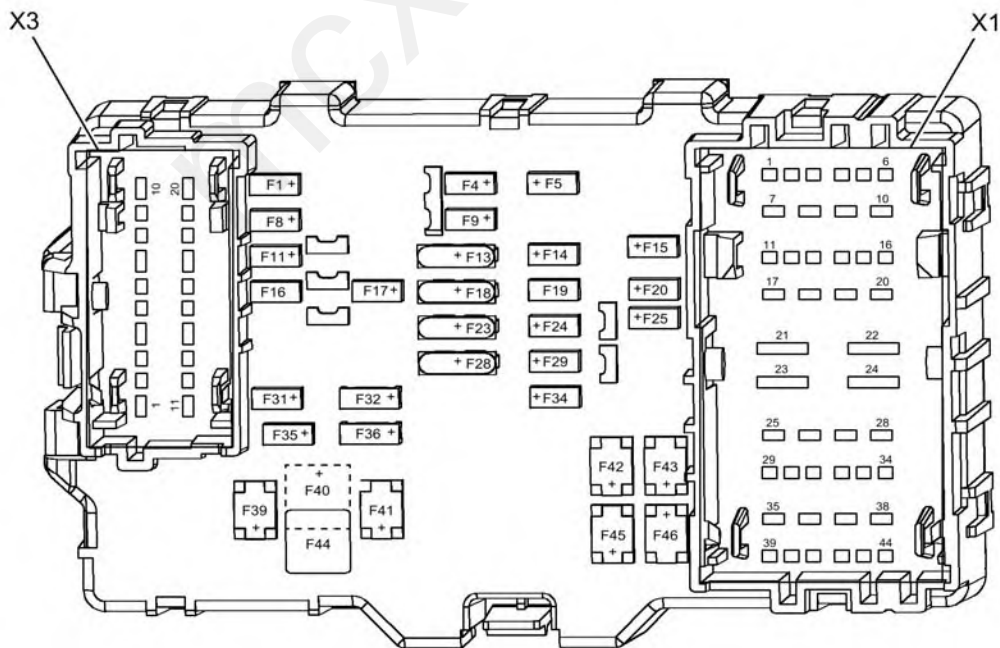


Fig. 7: X51A Fuse Block - Instrument Panel Label
 Courtesy of GENERAL MOTORS COMPANY

X51A FUSE BLOCK - INSTRUMENT PANEL TOP VIEW FUSES



Fuse Block -- Instrument Panel Top View Fuses		Device Assigned	
No.	Device Label Name	Device Assigned Name	Rating
Company of GENERAL MOTORS COMPANY		Description	

X51A Fuse Block - Instrument Panel Fuse Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
F1	BCM 1	F1DA	15A	K9 Body Control Module
F2	EMPTY	F2DA	-	Not Used
F3	EMPTY	F3DA	-	Not Used
F4	STR/WHL/CNTRL	F4DA	5A	S70L Steering Wheel Controls Switch - Left, S70R Steering Wheel Controls Switch - Right
F5	BCM 2	F5DA	15A	K9 Body Control Module
F6	EMPTY	F6DA	-	Not Used
F7	EMPTY	F7DA	-	Not Used
F8	MIR WNDW MDL	F8DA	5A	S79D Window Switch - Driver, S52 Outside Rearview Mirror Switch (DL6/DL9)
F9	I/P CLSTR	F9DA	10A	P16 Instrument Cluster, P17 Info Display Module, S32D Seat Heating Switch - Driver (KA1), S32P Seat Heating Switch - Passenger (KA1), A26 HVAC Controls
F10	EMPTY	F10DA	-	Not Used
F11	BCM 8	F11DA	30A	K9 Body Control Module
F12	EMPTY	F12DA	-	Not Used
F13	ONSTAR/HVAC	F13DA	10A	K33 HVAC Control Module, K73 Telematics Communication Interface Control Module (UE1)
F14	RDO/INFOTMNT	F14DA	20A	A11 Radio, K74 Human Machine Interface Control Module (IO4/IO5/IO6)
F15	BCM 6	F15DA	20A	K9 Body Control Module
F16	EMPTY	F16DA	-	Not Used
F17	BCM 4	F17DA	20A	K9 Body Control Module
F18	AIRBAG	F18DA	10A	K85 Passenger Presence Module, K36 Inflatable Restraint Sensing and Diagnostic Module
F19	EMPTY	F19DA	-	Not Used
F20	AMP	F20DA	30A	T3 Audio Amplifier (UQA)
F21	EMPTY	F21DA	-	Not Used
F22	EMPTY	F22DA	-	Not Used
F23	DLC/USB	F23DA	10A	X84 Data Link Connector, X83 Auxiliary Audio Input, X83R Auxiliary Audio Input - Rear
F24	HVAC RUN/CRNK	F24DA	5A	E40 Electrical Auxiliary Heater (LWN), K33 HVAC Control Module
F25	BCM 7	F25DA	20A	K9 Body Control Module
F26	EMPTY	F26DA	-	Not Used
F27	EMPTY	F27DA	-	Not Used

No.	Device Label Name	Device Assigned Name	Rating	Description
F28	I/P IGN/SDM IGN	F28DA	10A	P14 Passenger Air Bag Disabled Indicator, P16 Instrument Cluster, and P43 Collision Alert Indicators (UEU)
F29	MISC RUN/CRNK	F29DA	10A	B87 Rearview Camera, K69 Transfer Case Control Module (NQ6/NQ7), A10 Inside Rearview Mirror
F30	EMPTY	F30DA	-	Not Used
F31	FRT CAMERA	F31DA	10A	K109 Frontview Camera Module (UEU/UFL)
F32	SWC BKLT	F32DA	2A	S48A Multifunction Switch - Instrument Panel, S77 Transfer Case Shift Control Switch (NQ6/NQ7), S30 Headlamp Switch, X85 Steering Wheel Air Bag Coil
F33	EMPTY	F33DA	-	Not Used
F34	EMPTY	F34DA	-	Not Used
F35	PRNDL	F35DA	10A	P2 Transmission Shift Lever Position Indicator (MYB)
F36	DLIS	F36DA	2A	S39 Ignition Switch
F37	EMPTY	F37DA	-	Not Used
F38	EMPTY	F38DA	-	Not Used
F39	APO 2	F39DA	15A	X80B Accessory Power Receptacle - Center Console 2
F40	EMPTY	F40DA	50A	F39DA, F41DA, X80A Accessory Power Receptacle - Center Console 1, X80B Accessory Power Receptacle - Center Console 2, E32 Cigarette Lighter Receptacle (SAO)
F41	APO 1/LTR	F41DA	15A	E32 Cigarette Lighter Receptacle (SAO), X80A Accessory Power Receptacle - Center Console 1
F42	LT PWR WNDW	F42DA	30A	M74D Window Motor - Driver, S79LR Window Switch - Left Rear
F43	DRVR PWR SEAT	F43DA	30A	S64D Seat Adjuster Switch - Driver
F44	APO	F44DA	50A	F39DA, F41DA, X80A Accessory Power Receptacle - Center Console 1, X80B Accessory Power Receptacle - Center Console 2, E32 Cigarette Lighter Receptacle (SAO)
F45	RT PWR WNDW	F45DA	30A	S79P Window Switch - Passenger, S79RR Window Switch - Right Rear
F46	PASS PWR SEAT	F46DA	30A	S64P Seat Adjuster Switch - Passenger (AAQ)

X51A FUSE BLOCK - INSTRUMENT PANEL

No.	Device Label Name	Relay Description	Rating	Circuits
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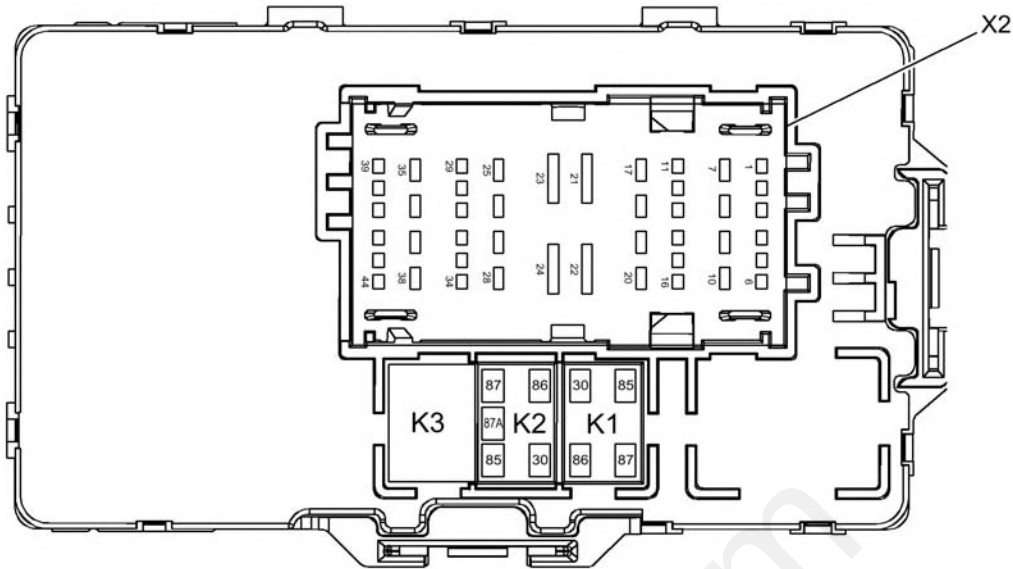


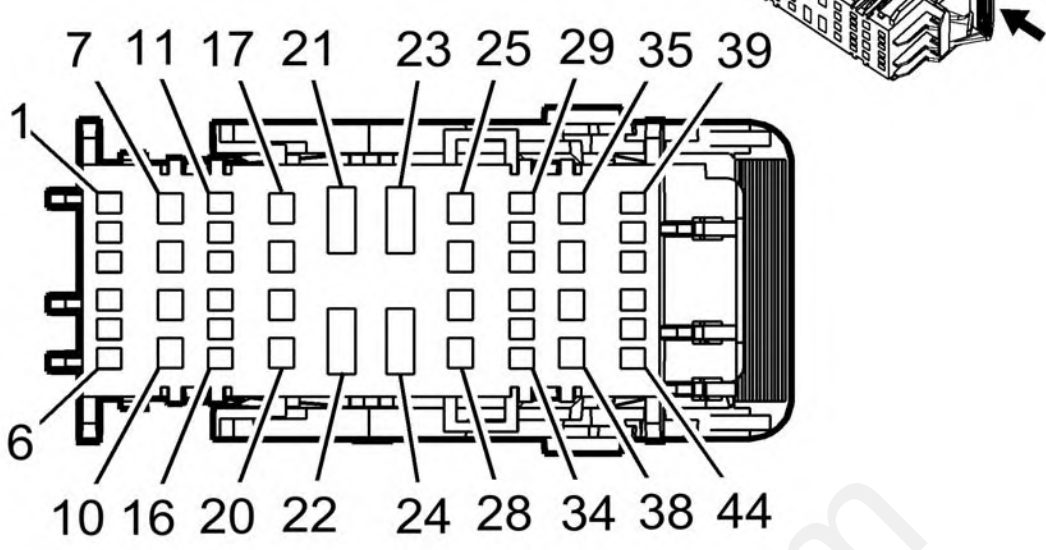
Fig. 9: X51A Fuse Block - Instrument Panel
 Courtesy of GENERAL MOTORS COMPANY

X51A Fuse Block - Instrument Panel Usage

No.	Device Label Name	Relay Description	Rating	Circuits
Relays				
K1	K1	KR76 Retained Accessory Power Relay	-	F35DA, F44DA
K2	K2	KR73 Ignition Main Relay	-	F24DA, F28DA, F29DA
K3	K3	-	-	Not Used

X51A FUSE BLOCK - INSTRUMENT PANEL X1

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Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Terminal Core Crimp	Insulation Crimp
							
Connector Part Information • Harness Type: Body • OEM Connector: 13967687 • Service Connector: 19329455 • Description: 44-Way F 1.5, 2.8, 800 Metri-Pack Series (BK)							

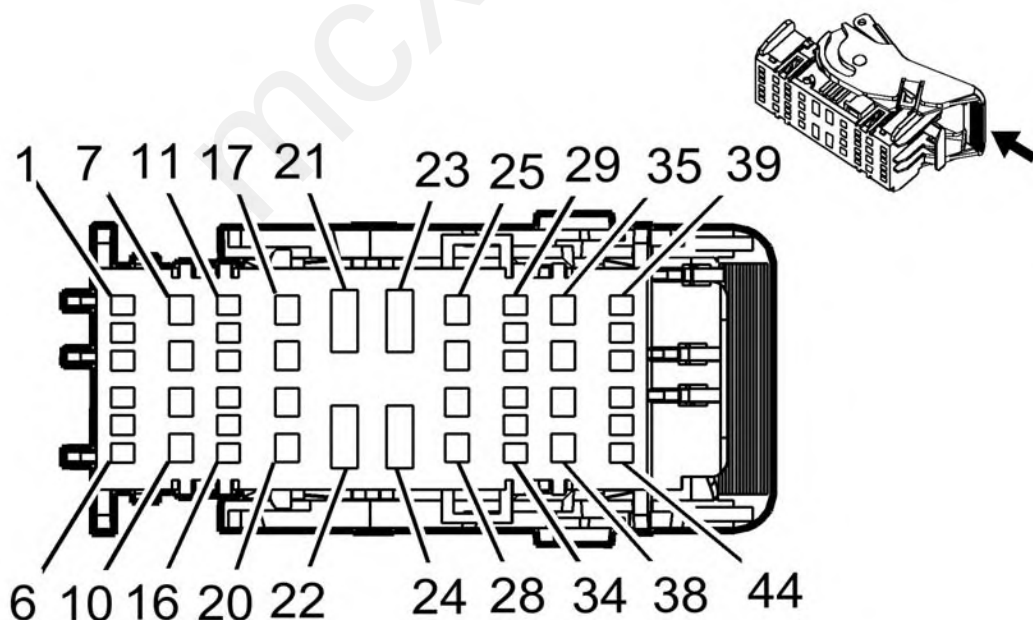
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19301761	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19301767	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	Not Required	J-35616-44 (YE)	No Tool Required	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/BN	2240	Battery Positive Voltage	II	-
2	0.5	RD/GY	2840	Battery Positive Voltage	II	-
3	0.35	RD/YE	3040	Battery Positive Voltage	II	-
4	0.5	RD/GY	2140	Battery Positive Voltage	II	-
5	0.5	RD/L-GN	4440	Battery Positive Voltage	II	-
6 - 13	-	-	-	Not Occupied	-	-
14	0.35	RD/L-BU	3240	Battery Positive Voltage	II	-
15	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16	0.35	RD/VT	1940	Battery Positive Voltage	II	-
17	2.5	RD/YE	3740	Battery Positive Voltage	I	-
18	1.5	RD/WH	2740	Battery Positive Voltage	I	-
19	1.5	RD/VT	2640	Battery Positive Voltage	I	-
20	-	-	-	Not Occupied	-	-
21	10	RD/VT	842	Battery Positive Voltage	III	-
22	-	-	-	Not Occupied	-	-
23	10	RD/L-BU	42	Battery Positive Voltage	III	-
24	-	-	-	Not Occupied	-	-
25	2.5	RD/L-BU	1240	Battery Positive Voltage	I	-
26	-	-	-	Not Occupied	-	-
27	2.5	RD/YE	5040	Battery Positive Voltage	I	-
28 - 31	-	-	-	Not Occupied	-	-
32	0.35	VT/L-GN	1739	Run/Crank Ignition 1 Voltage	II	-
33 - 34	-	-	-	Not Occupied	-	-
35	2.5	RD/WH	1340	Battery Positive Voltage	I	-
36	2.5	RD/BN	1440	Battery Positive Voltage	I	-
37 - 41	-	-	-	Not Occupied	-	-
42	0.35	L-GN/VT	5199	Run/Crank Relay Coil Control	II	-
43	0.35	GY/VT	755	RAP Relay Coil Control	II	-
44	0.35	VT	801	Retained Accessory Power Fuse Control	II	MYB

X51A FUSE BLOCK - INSTRUMENT PANEL X2



Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
Type: Body OEM Connector: 13967688 Service Connector: 19329456 Description: 44-Way F 1.5, 2.8, 800 Metri-Pack Series (GY)							

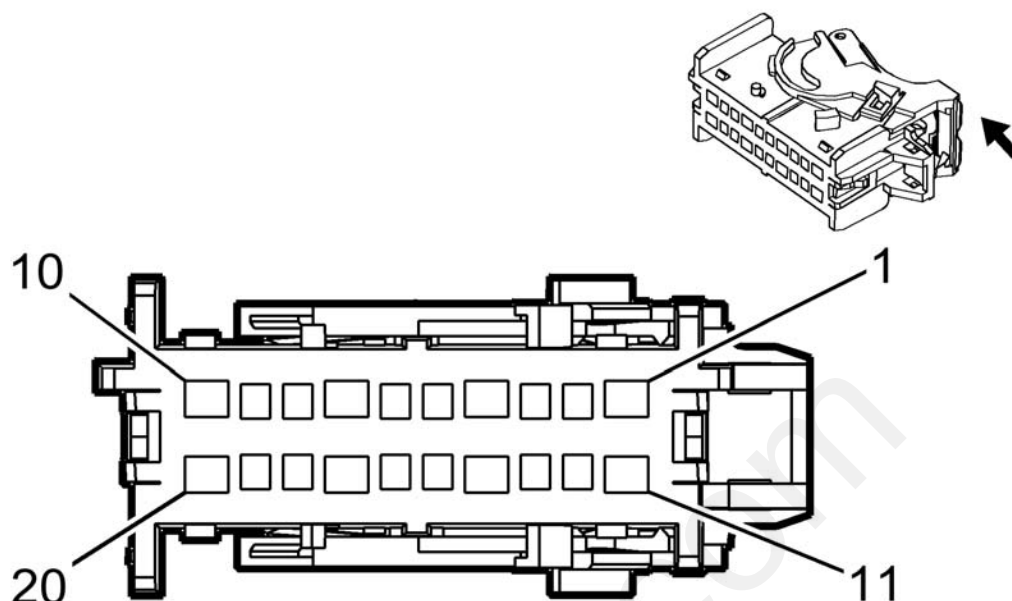
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19301761	J-35616-35 (VT)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
III	19301761	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
IV	19301767	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	YE	6817	LED Backlight Dimming Control	IV	-
4	0.35	BN	6136	Control	IV	-
5	0.5	RD/L-BU	540	Battery Positive Voltage	IV	-
6	-	-	-	Not Occupied	-	-
7	2.5	RD/VT	4040	Battery Positive Voltage	III	-
8 - 9	-	-	-	Not Occupied	-	-
10	1.5	VT	2101	Retained Accessory Power Fuse Ignition	III	-
11 - 13	-	-	-	Not Occupied	-	-
14	0.5	RD/VT	340	Battery Positive Voltage	IV	-
15 - 17	-	-	-	Not Occupied	-	-
18	2.5	RD/L-GN	2440	Battery Positive Voltage	III	-
19	-	-	-	Not Occupied	-	-
20	1.5	VT	1701	Retained Accessory Power Ignition	III	-
21 - 24	-	-	-	Not Occupied	-	-
25	0.5	RD/VT	3340	Battery Positive Voltage	I	-
26	-	-	-	Not Occupied	-	-
27	0.5	RD/WH	640	Battery Positive Voltage	I	-
28	0.5	VT/BK	1639	Run/Crank Ignition 1 Voltage	I	-
29 - 34	-	-	-	Not Occupied	-	-
35	1	RD/VT	340	Battery Positive Voltage	II	-
36	-	-	-	Not Occupied	-	-
37	0.35	VT/GY	539	Run/Crank Ignition 1 Voltage	I	-
38	0.5	VT/L-GN	1739	Run/Crank Ignition 1 Voltage	I	-
39 - 43	-	-	-	Not Occupied	-	-

Terminal Type ID	Size	Terminated Lead	Color	Diagnostic Test Probe	Circuit	Terminal Removal Tool	Service Terminal	Tray Name	Terminal Type ID	Core Crimp	Insulation Crimp
44	0.75	Lead	BK	Test	2050	Ground			IV		-

X51A FUSE BLOCK - INSTRUMENT PANEL X3 ((LCV/LFX)+N8D)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15522322
- Service Connector: 13597270
- Description: 20-Way F 1.5, 2.8 Series (BK)

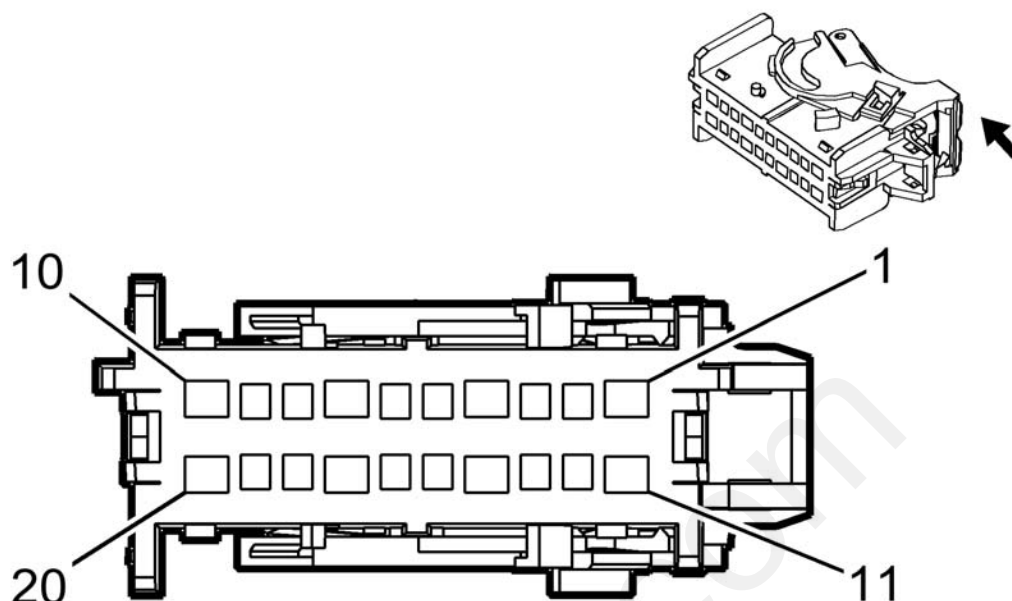
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19301767	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 11	-	-	-	Not Occupied	-	-
12	0.35	RD/L-GN	3140	Battery Positive Voltage	II	-
13	0.5	VT/L-GN	1739	Run/Crank Ignition 1 Voltage	II	-
14	0.35	VT/WH	1139	Run/Crank Ignition 1 Voltage	I	-

Terminal Type ID	Size	Terminated Lead	Diagnostic Test Probe	Circuit	Terminal Removal Tool	Service Terminal	Tray Name	Terminal Type ID	Core Crimp	Insulation Crimp
15 - 20	-	-	-	-	Not Occupied	-	-	-	-	-

X51A FUSE BLOCK - INSTRUMENT PANEL X3 ((LCV/LFX)-N8D)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15547106
- Service Connector: 13597270
- Description: 20-Way F 1.5, 2.8 OCS Series (BK)

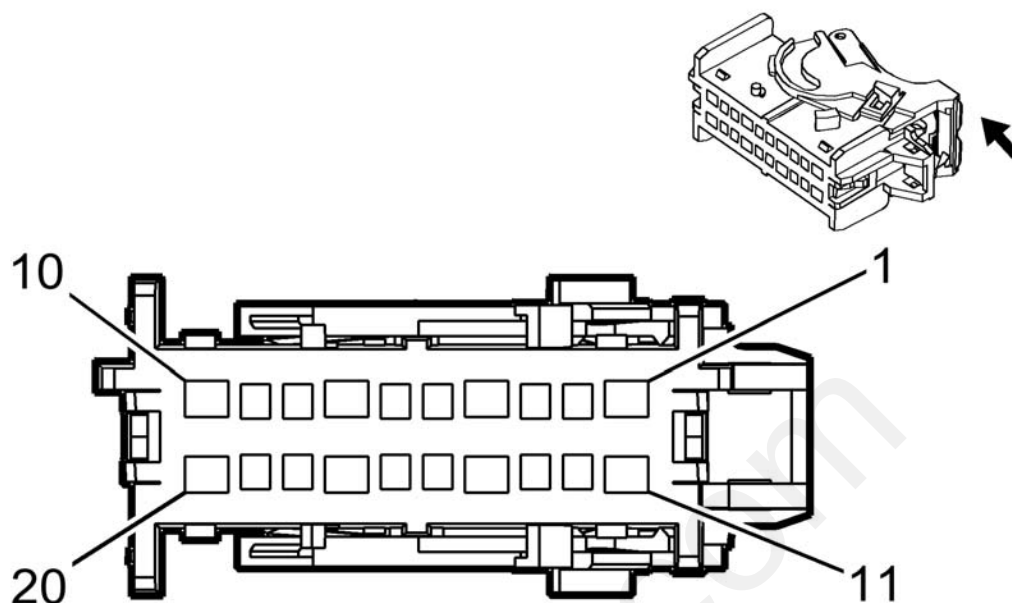
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19301767	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 11	-	-	-	Not Occupied	-	-
12	0.35	RD/L-GN	3140	Battery Positive Voltage	II	-
13	0.5	VT/L-GN	1739	Run/Crank Ignition 1 Voltage	II	-
14	0.35	VT/WH	1139	Run/Crank Ignition 1 Voltage	I	-

Terminal Type ID	Size	Terminated Lead	Color	Diagnostic Test Probe	Circuit	Terminal Removal Tool	Function	Service Terminal	Tray Name	Terminal Type ID	Core Crimp	Insulation Crimp
15 - 20	-	-	-	-	-	-	Not Occupied	-	-	-	-	-

X51A FUSE BLOCK - INSTRUMENT PANEL X3 (LWN)



Connector Part Information

- Harness Type: Body
- OEM Connector: 15522322
- Service Connector: 13597270
- Description: 20-Way F 1.5, 2.8 Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray Name	Core Crimp	Insulation Crimp
I	19300649	J-35616-35 (VT)	J-38125-12A	Not Available	Not Available	Not Available	Not Available
II	19301767	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	Not Available	Not Available

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 11	-	-	-	Not Occupied	-	-
12	0.35	RD/L-GN	3140	Battery Positive Voltage	II	-
13	0.5	VT/L-GN	1739	Run/Crank Ignition 1 Voltage	II	-
14	0.35	VT/WH	1139	Run/Crank Ignition 1 Voltage	I	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
15 - 20	-	-	-	Not Occupied	-	-

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