

2013 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Electrical Center Identification Views - Malibu

ELECTRICAL CENTER IDENTIFICATION VIEWS

X50A FUSE BLOCK - UNDERHOOD LABEL

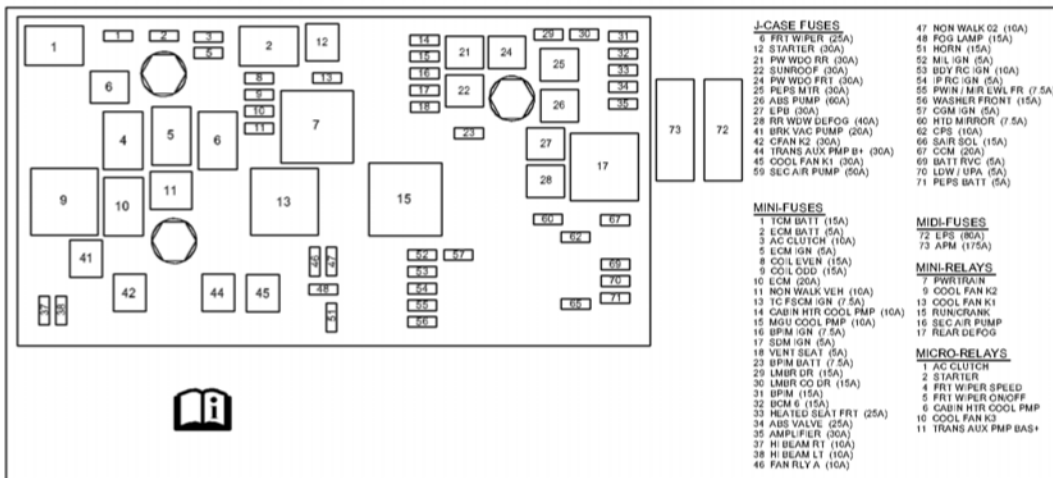


Fig. 1: X50A Fuse Block - Underhood Label
Courtesy of GENERAL MOTORS COMPANY

X50A FUSE BLOCK - UNDERHOOD TOP VIEW

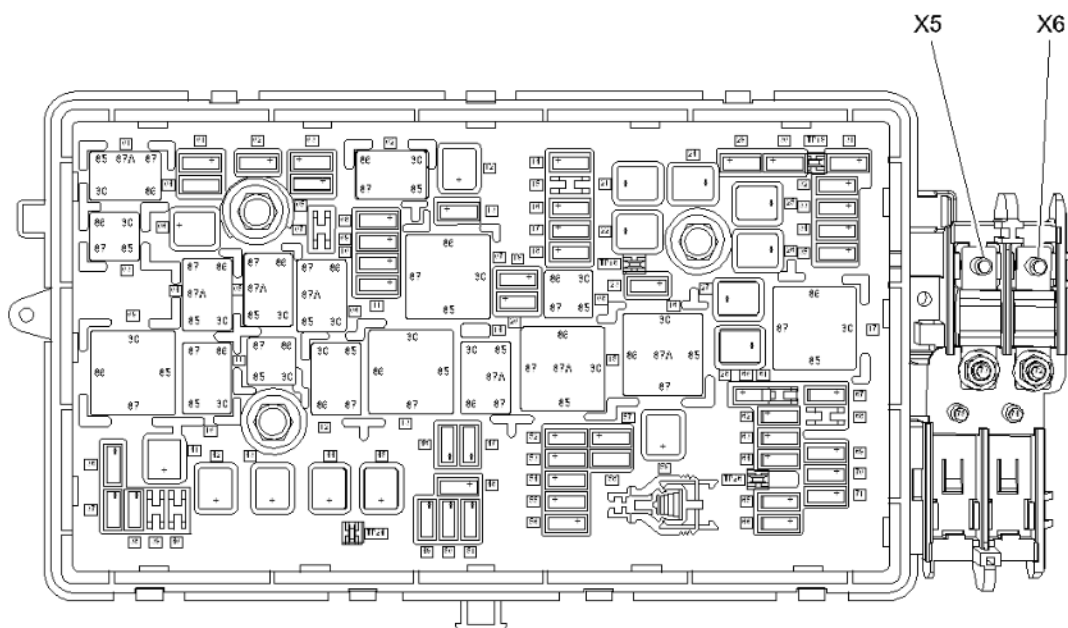


Fig. 2: X50A Fuse Block - Underhood Top View
 Courtesy of GENERAL MOTORS COMPANY

X50A Fuse Block - Underhood Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
F1UA: 1	F1UA: TCM BATT	F1UA: F1UA Fuse	F1UA: 15A	F1UA: Q8 Control Solenoid Valve Assembly
F2UA: 2	F2UA: ECM BATT	F2UA: F2UA Fuse	F2UA: 5A	F2UA: K20 Engine Control Module
F3UA: 3	F3UA: AC CLUTCH	F3UA: F3UA Fuse	F3UA: 10A	F3UA: KR29 A/C Compressor Clutch Relay
F4UA: 4	F4UA: -	F4UA: F4UA Fuse	F4UA: -	F4UA: Not Occupied
F5UA: 5	F5UA: ECM IGN	F5UA: F5UA Fuse	F5UA: 5A	F5UA: K20 Engine Control Module
				F6UA: KR12B Windshield

F6UA: 6	F6UA: FRT WIPER	F6UA: F6UA Fuse	F6UA: 25A	Wiper Relay, KR12C Windshield Wiper Speed Control Relay
F7UA: 7	F7UA: -	F7UA: F7UA Fuse	F7UA: -	F7UA: Not Occupied
F8UA: 8	F8UA: COIL EVEN	F8UA: F8UA Fuse	F8UA: 15A	F8UA: T8B Ignition Coil 2, T8D Ignition Coil 4
F9UA: 9	F9UA: COIL ODD	F9UA: F9UA Fuse	F9UA: 15A	F9UA: T8A Ignition Coil 1, T8C Ignition Coil 3
F10UA: 10	F10UA: ECM	F10UA: F10UA Fuse	F10UA: 20A	F10UA: K20 Engine Control Module
F11UA: 11	F11UA: NON WALK VEH	F11UA: F11UA Fuse	F11UA: 10A	F11UA: B75B MAF/Intake Air Sensor, B198 Fuel Composition Sensor (LCV, LTG), KR26 Secondary Air Injection Solenoid Valve Relay (NU6)
F12UA: 12	F12UA: STARTER	F12UA: F12UA Fuse	F12UA: 30A	F12UA: KR27 Starter Relay
F13UA: 13	F13UA: TC FSCM IGN	F13UA: F13UA Fuse	F13UA: 7.5A	F13UA: K27 Fuel Pump Control Module (LCV/LUK), Q8 Control Solenoid Valve Assembly (MDK), K111 Fuel Pump Driver Control Module (LTG)
F14UA: 14	F14UA: CABIN HTR COOL PMP	F14UA: F14UA Fuse	F14UA: -	F14UA: Not Occupied
F15UA: 15	F15UA: MGU COOL PUMP	F15UA: F15UA Fuse	F15UA: 10A	F15UA: KR133 Starter/Generator Coolant Pump Relay (LUK)
F16UA: 16	F16UA: BPIM IGN (LUK) F16UA: PT RC IGN (LCV/LTG)	F16UA: F16UA Fuse	F16UA: 7.5A	F16UA: K59 Starter/Generator Control Module (LUK), M96 Active Grille Air Shutter Actuator (LUK) F16UA: Trunk Release (LCV/LTG)
F17UA: 17	F17UA: SDM IGN	F17UA: F17UA Fuse	F17UA: 5A	F17UA: K36 Inflatable Restraint Sensing and Diagnostic Module
F18UA: 18	F18UA: VENT SEAT	F18UA: F18UA Fuse	F18UA: 5A	F18UA: Not Occupied
F21UA: 21	F21UA: PW WDO RR (LCV/LUK) F21UA: PWIN RR (LTG)	F21UA: F21UA Fuse	F21UA: 30A	F21UA: S79LR Window Switch - Left Rear, S79RR Window Switch - Right Rear
				F22UA: M69 Sunroof

F22UA: 22	F22UA: SUNROOF	F22UA: F22UA Fuse	F22UA: 30A	Motor (CF5)
F23UA: 23	F23UA: BPIM BATT	F23UA: F23UA Fuse	F23UA: 7.5A	F23UA: K59 Starter/Generator Control Module (LUK)
F24UA: 24	F24UA: PW WDO FRT F24UA: PWIN FRT	F24UA: F24UA Fuse	F24UA: 30A	F24UA: S79D Window Switch - Driver (AEC), S79P Window Switch - Passenger
F25UA: 25	F25UA: PEPS MTR	F25UA: F25UA Fuse	F25UA: 30A	F25UA: K84 Keyless Entry Control Module (ATH)
F26UA: 26	F26UA: ABS PUMP	F26UA: F26UA Fuse	F26UA: 60A	F26UA: K17 Electronic Brake Control Module
F27UA: 27	F27UA: EPB	F27UA: F27UA Fuse	F27UA: 30A	F27UA: K83 Parking Brake Control Module
F28UA: 28	F28UA: RR WDW DEFOG (LCV/LUK) F28UA: RR DEF WPR (LTG)	F28UA: F28UA Fuse	F28UA: 40A	F28UA: R14L Rear Window Defogger Noise Filter - Left
F29UA: 29	F29UA: LMBR DR	F29UA: F29UA Fuse	F29UA: 15A	F29UA: S65D Seat Lumbar Support Switch - Driver (APG)
F30UA: 30	F30UA: LMBR CO DR	F30UA: F30UA Fuse	F30UA: 15A	F30UA: S65P Seat Lumbar Support Switch - Passenger (APH)
F31UA: 31	F31UA: BPIM (LUK) F31UA: CCM (LCV/LTG)	F31UA: F31UA Fuse	F31UA: 15A	F31UA: G14 Hybrid/EV Battery Pack Cooling Fan (LUK) F31UA: K111 Fuel Pump Driver Control Module (LCV/LTG)
F32UA: 32	F32UA: BCM 6	F32UA: F32UA Fuse	F32UA: 15A	F32UA: K9 Body Control Module
F33UA: 33	F33UA: HEATED SEAT FRT	F33UA: F33UA Fuse	F33UA: 25A	F33UA: K29D Seat Heating Control Module - Driver (KA1 without A45), K40 Seat Memory Control Module (A45)
F34UA: 34	F34UA: ABS VALVE	F34UA: F34UA Fuse	F34UA: 25A	F34UA: K17 Electronic Brake Control Module
F35UA: 35	F35UA: AMPLIFIER	F35UA: F35UA Fuse	F35UA: 30A	F35UA: T3 Audio Amplifier (UQA)
F37UA: 37	F37UA: HI BEAM RT	F37UA: F37UA Fuse	F37UA: 10A	F37UA: E4F Headlamp - Right High Beam (T4A), M28R High Beam Solenoid Actuator - Right (T4F)

F38UA: 38	F38UA: HI BEAM LT	F38UA: F38UA Fuse	F38UA: 10A	F38UA: E4E Headlamp - Left High Beam (T4A), M28L High Beam Solenoid Actuator - Left (T4F)
F41UA: 41	F41UA: BRK VAC PUMP	F41UA: F41UA Fuse	F41UA: 20A	F41UA: KR14 Brake Booster Pump Motor Relay
F42UA: 42	F42UA: CFAN K2	F42UA: F42UA Fuse	F42UA: 30A	F42UA: KR20M Cooling Fan Left High Speed Relay
F44UA: 44	F44UA: TRANS AUX PUMP B+	F44UA: F44UA Fuse	F44UA: 30A	F44UA: KR86 Transmission Fluid Pump Relay - Auxiliary (HP6)
F45UA: 45	F45UA: COOL FAN K1 (LUK) F45UA: CFAN K1 (LCV/LTG)	F45UA: F45UA Fuse	F45UA: 30A	F45UA: KR20C Cooling Fan Low Speed Relay
F46UA: 46	F46UA: FAN RLY A	F46UA: F46UA Fuse	F46UA: 10A	F46UA: KR20C Cooling Fan Low Speed Relay, KR20E Cooling Fan Speed Control Relay
F47UA: 47	F47UA: NON WALK O2	F47UA: F47UA Fuse	F47UA: 10A	F47UA: B52A Heated Oxygen Sensor 1, B52B Heated Oxygen Sensor 2, Q12 Evaporative Emission Purge Solenoid Valve (LTG), Q40 Turbocharger Bypass Solenoid Valve (LTG), Q42 Turbocharger Wastegate Solenoid Valve (LTG), Q44 Engine Oil Pressure Control Solenoid Valve (LTG)
F48UA: 48	F48UA: FOG LAMP	F48UA: F48UA Fuse	F48UA: 15A	F48UA: E29LF Fog Lamp - Left Front (T3U), E29RF Fog Lamp - Right Front (T3U)
F49UA: 49	F49UA: LBM HID LT	F49UA: F49UA Fuse	F49UA: 15A	F49UA: E13LA Headlamp Assembly - Left (T4F)
F50UA: 50	F50UA: LBM HID RT	F50UA: F50UA Fuse	F50UA: 15A	F50UA: E13RA Headlamp Assembly - Right (T4F)
F51UA: 51	F51UA: HORN	F51UA: F51UA Fuse	F51UA: 15A	F51UA: P13 Horn Assembly
F52UA: 52	F52UA: MIL IGN	F52UA: F52UA Fuse	F52UA: 5A	F52UA: P16 Instrument Cluster
F53UA: 53	F53UA: BDY AC IGN (LCV/LUK) F53UA: BDY RC IGN	F53UA: F53UA Fuse	F53UA: 10A	F53UA: A10 Inside Rearview Mirror (DD8), B87 Rearview Camera

	(LTG)			(UVC)
F54UA: 54	F54UA: IP RC IGN (LCV/LUK) F54UA: IP RUN/CRANK (LTG)	F54UA: F54UA Fuse	F54UA: 5A	F54UA: K33 HVAC Control Module, P43 Collision Alert Indicators
F55UA: 55	F55UA: PWIN / MIR EWL FR	F55UA: F55UA Fuse	F55UA: 7.5A	F55UA: S52 Outside Rearview Mirror Switch, S79D Window Switch - Driver (AXG), S25 Garage Door Opener
F56UA: 56	F56UA: WASHER FRONT	F56UA: F56UA Fuse	F56UA: 15A	F56UA: G24 Windshield Washer Pump
F57UA: 57	F57UA: CCM IGN (LUK) F57UA: IGN NOT R/C ESCL (LCV/LTG)	F57UA: F57UA Fuse	F57UA: 5A	F57UA: Not Occupied
F59UA: 59	F59UA: SEC AIR PUMP	F59UA: F59UA Fuse	F59UA: 50A	F59UA: KR25 Secondary Air Injection Pump Relay (NU6)
F60UA: 60	F60UA: HTD MIRROR	F60UA: F60UA Fuse	F60UA: 7.5A	F60UA: E17D Outside Rearview Mirror Glass - Driver, E17P Outside Rearview Mirror Glass - Passenger
F62UA: 62	F62UA: CPS	F62UA: F62UA Fuse	F62UA: 10A	F62UA: Q13 Evaporative Emission Vent Solenoid Valve
F66UA: 66	F66UA: SAIR SOL	F66UA: F66UA Fuse	F66UA: 15A	F66UA: Not Occupied
F67UA: 67	F67UA: CCM (LUK) F67UA: FSCM (LCV/LTG)	F67UA: F67UA Fuse	F67UA: 20A	F67UA: K27 Fuel Pump Control Module (LUK) F67UA: K111 Fuel Pump Driver Control Module (LCV/LTG)
F69UA: 69	F69UA: BATT RCV	F69UA: F69UA Fuse	F69UA: 5A	F69UA: K9 Body Control Module
F70UA: 70	F70UA: LDW / UPA	F70UA: F70UA Fuse	F70UA: 5A	F70UA: K41R Rear Parking Assist Control Module (UD7), K109 Vehicle Camera Module (UFL)
F71UA: 71	F71UA: PEPS BATT	F71UA: F71UA Fuse	F71UA: 5A	F71UA: K84 Keyless Entry Control Module (ATS)
F72UA: 72	F72UA: EPS	F72UA: F72UA Fuse	F72UA: 80A	F72UA: K43 Power Steering Control Module (NJ1)
				F73UA: K59

F73UA: 73	F73UA: APM	F73UA: F73UA Fuse	F73UA: 175A	Starter/Generator Control Module (LUK)
F74UA: 74	F74UA: -	F74UA: F74UA Fuse	F74UA: -	F74UA: Not Occupied
F75UA: 75	F75UA: -	F75UA: F75UA Fuse	F75UA: -	F75UA: Not Occupied
Relays				
KR29: 1	KR29: AC CLUTCH	KR29: KR29 A/C Compressor Clutch Relay	KR29: -	KR29: Q2 A/C Compressor Clutch
KR27: 2	KR27: STARTER	KR27: KR27 Starter Relay	KR27: -	KR27: M64 Starter Motor
KR12C: 4	KR12C: FRT WIPER SPEED	KR12C: KR12C Windshield Wiper Speed Control Relay	KR12C: -	KR12C: M75 Windshield Wiper Motor
KR12B: 5	KR12B: FRT WIPER ON/OFF	KR12B: KR12B Windshield Wiper Relay	KR12B: -	KR12B: KR12C Windshield Wiper Speed Control Relay
6	CABIN HEATER COOL PMP	-	-	Not Occupied
KR75: 7	KR75: PWRTRAIN	KR75: KR75 Engine Controls Ignition Relay	KR75: -	KR75: F9UA, F10UA, F11UA, F20UA, F47UA, KR20D Cooling Fan High Speed Relay, KR29 A/C Compressor Clutch Relay, KR86 Transmission Fluid Pump Relay - Auxiliary
9	COOL FAN K2 (LUK) CFAN K2 (LCV/LTG)	-	-	R10 Cooling Fan Resistor
KR20C: 10	KR20C: COOL FAN K3 (LUK) KR20C: CFAN K3 (LCV/LTG)	KR20C: KR20C Cooling Fan Low Speed Relay	KR20C: -	KR20C: R10 Cooling Fan Resistor
KR86: 11	KR86: TRANS AUX PUMP BAS+	KR86: KR86 Transmission Fluid Pump Relay - Auxiliary	KR86: -	KR86: G5 Transmission Fluid Pump - Auxiliary (HP6)
KR20D: 13	KR20D: COOL FAN K1 (LUK) KR20D: CFAN K1 (LCV/LTG)	KR20D: KR20D Cooling Fan High Speed Relay	KR20D: -	KR20D: R10 Cooling Fan Resistor
14	LBM HID/DRL	-	-	KR49 Headlamp Low Beam Relay (T4F) (LTG)
KR73: 15	KR73: RUN/CRANK	KR73: KR73 Ignition Main Relay	KR73: -	KR73: F5UA, F13UA, F16UA, F17UA, F18UA, F19UA, F20UA, F52UA, F53UA, F54UA

KR25: 16	KR25: SEC AIR PUMP	KR25: KR25 Secondary Air Injection Pump Relay	KR25: -	KR25: G21 Secondary Air Injection Pump
KR5: 17	KR5: REAR DEFOG (LUK) KR5: WI/MIR DEF (LCV/LTG)	KR5: KR5 Rear Defogger Relay	KR5: -	KR5: F28UA, F60UA

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

18	-	KR113 Child Security Lock Disable Relay	-	P39 Children Warning Sign - Front
19	-	KR132 Fuel Door Lock Relay	-	M97 Fuel Door Lock Actuator (UTT)
20	-	KR48 Headlamp High Beam Relay	-	F37UA, F38UA
21	-	KR3 Horn Relay	-	F51UA
22	-	KR46 Front Fog Lamp Relay	-	F48UA (T3U)
23	-	KR11 Windshield Washer Pump Relay	-	F56UA
24	-	KR6 Rear Window Washer Pump Relay	-	G19 Rear Window Washer Pump
25	-	KR101 Security Siren Relay	-	F65UA (UTP)
26	-	KR114 Door Dead Lock Relay	-	A23D - Door Latch Assembly - Driver, A23LR - Door Latch Assembly - Left Rear, A23P - Door Latch Assembly - Passenger, A23RR - Door Latch Assembly - Right Rear, M97 Fuel Door Lock Actuator (AF8 without UTT)

Note: Items listed below are diagnostic testing points

TP18: TP18	TP18: -	TP18: TP18	TP18: -	TP18: KR113 Child Security Lock Disable Relay
TP19: TP19	TP19: -	TP19: TP19	TP19: -	TP19: KR132 Fuel Door Lock Relay
TP24: TP24	TP24: -	TP24: TP24	TP24: -	TP24: KR6 Rear Window Washer Pump Relay
TP26: TP26	TP26: -	TP26: TP26	TP26: -	TP26: KR114 Door Dead Lock Relay

X50A FUSE BLOCK - UNDERHOOD BOTTOM VIEW

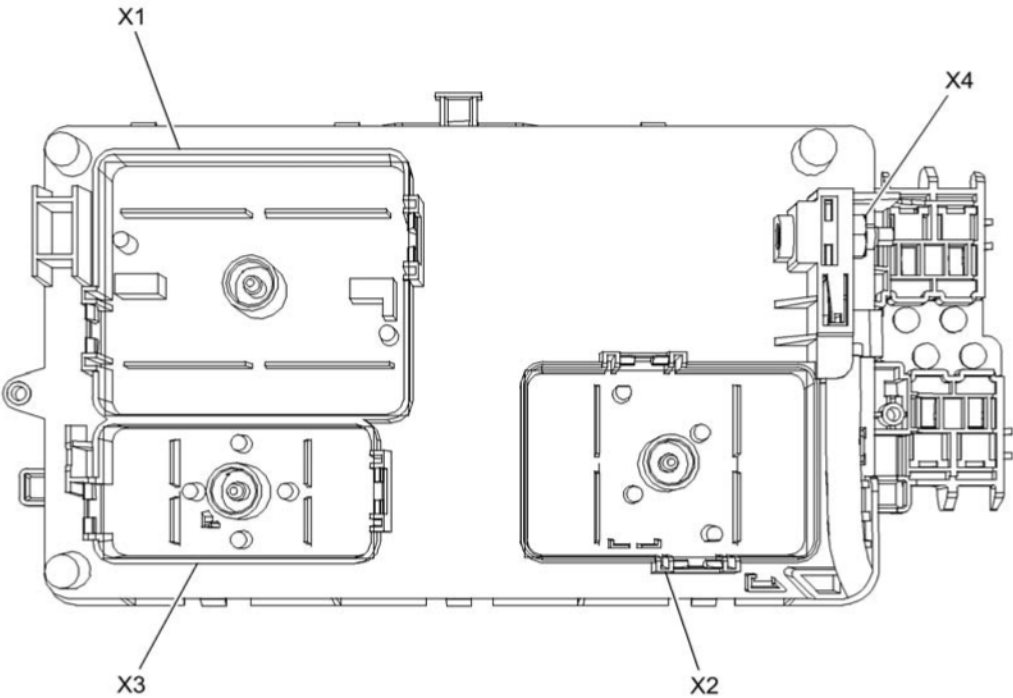
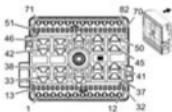


Fig. 3: X50A Fuse Block - Underhood Bottom View
Courtesy of GENERAL MOTORS COMPANY

X50A FUSE BLOCK - UNDERHOOD X1



Connector Part Information

- Harness Type: Forward Lamp
- OEM connector: 13732286
- Service connector: 13580740
- Description: 82-Way F DSQ 1.5 2.8 Metri Pack 800 Series BK

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575860	J-35616-35 (VT)	J-38125-36	2-964284-1	25-11	E	A

II	13327169	J-35616-14 (GN)	J-38125-560	962943-5	16-10	E	A
III	13327168	J-35616-14 (GN)	J-38125-560	962943-5	16-10	Not Available	Not Available
IV	13575718	J-35616-44 (YE)	J-38125-558	12110127	19-	F	G
V	13575465	J-35616-44 (YE)	J-38125-558	12065915	-20	C	A
VI	13327105	J-35616-44 (YE)	J-38125-558	12110127	19-	F	G
VII	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
VIII	13575491	J-35616-35 (VT)	J-38125-36	4-965999-1	25-12	4	A

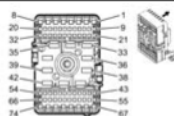
X50A Fuse Block - Underhood X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 7	-	-	-	Not Occupied	-	-
8: 8	8: 1	8: YE	8: 712	8: Left Headlamp Low Beam Supply Voltage	8: I	8: LCV/LUK
9 - 10	-	-	-	Not Occupied	-	-
11: 11	11: 0.75	11: BN/GY	11: 29	11: Horn Control	11: I	11: -
12: 12	12: 1	12: YE	12: 312	12: Right Headlamp Low Beam Supply Voltage	12: I	12: LCV/LUK
13: 13	13: 0.75	13: WH	13: 311	13: Right Headlamp High Beam Supply Voltage	13: II	13: -
14: 14	14: 0.75	14: WH	14: 711	14: Left Headlamp High Beam Supply Voltage	14: II	14: -
15 - 19	-	-	-	Not Occupied	-	-
20: 20	20: 0.35	20: WH	20: 2368	20: Cooling Fan Control Signal	20: III	20: -
21 - 29	-	-	-	Not Occupied	-	-
30: 30	30: 0.75	30: GY/VT	30: 228	30: Windshield Washer Pump Control	30: II	30: -
31: 31	31: 0.5	31: BN/VT	31: 2234	31: Front Fog Lamp Supply Voltage	31: II	31: -
32 - 36	-	-	-	Not Occupied	-	-
37: 37	37: 2.5	37: RD/WH	37: 342	37: Battery Positive Voltage	37: IV	37: -

38: 38	38: 1	38: RD/BU	38: 1842	38: Battery Positive Voltage	38: V	38: LCV/LUK
39 - 40	-	-	-	Not Occupied	-	-
41: 41	41: 4	41: BK	41: 1150	41: Ground	41: VI	41: -
42	-	-	-	Not Occupied	-	-
43: 43	43: 2.5	43: RD/WH	43: 342	43: Battery Positive Voltage	43: IV	43: -
44	-	-	-	Not Occupied	-	-
45: 45	45: 2.5	45: GY	45: 532	45: Cooling Fan Motor Supply Voltage (2)	45: IV	45: -
46: 46	46: 4	46: GY	46: 532	46: Cooling Fan Motor Supply Voltage (2)	46: VI	46: -
47: 47	47: 4	47: WH/BU	47: 409	47: Cooling Fan Motor Supply Voltage (1)	47: VI	47: -
48 - 49	-	-	-	Not Occupied	-	-
50: 50	50: 4	50: YE	50: 5358	50: Cooling Fan Motor Supply Voltage (3)	50: VI	50: -
51	-	-	-	Not Occupied	-	-
52: 52	52: 0.35	52: GN/VT	52: 335	52: Low Speed Cooling Fan Relay Control	52: III	52: -
53: 53	53: 0.35	53: BN/RD	53: 2700	53: A/C Pressure Sensor 5 Volt Reference	53: III	53: -
54: 54	54: 0.35	54: BK/BU	54: 6813	54: Coolant Temperature Sensor #2 Low Reference	54: III	54: -
55: 55	55: 0.35	55: BK/BN	55: 5514	55: A/C Refrigerant Pressure Sensor Low Reference	55: III	55: -
56: 56	56: 0.35	56: YE/BK	56: 3000	56: Coolant Temperature Sensor #2 Signal	56: III	56: -
57: 57	57: 0.35	57: GN	57: 380	57: A/C Refrigerant Pressure Sensor Signal	57: III	57: -
58 - 63	-	-	-	Not Occupied	-	-
64: 64	64: 0.35	64: GN/VT	64: 335	64: Low Speed Cooling Fan Relay Control	64: III	64: -
65: 65	65: 0.5	65: VT/WH	65: 339	65: Run/Crank Ignition 1 Voltage	65: VII	65: -
66 - 67	-	-	-	Not Occupied	-	-
68: 68	68: 0.35	68: WH	68: 2368	68: Cooling Fan Control Signal	68: III	68: -

69 - 70	-	-	-	Not Occupied	-	-
71: 71	71: 0.75	71: BK	71: 1150	71: Ground	71: I	71: -
72: 72	72: 2	72: WH	72: 92	72: Windshield Wiper Motor High Speed Control	72: VII	72: -
73: 73	73: 2	73: YE/BN	73: 95	73: Windshield Wiper Motor Low Speed Control	73: VII	73: -
74: 74	74: 1	74: BK	74: 1350	74: Ground	74: I	74: -
75: 75	75: 2.5	75: GY/BK	75: 2968	75: Transmission Auxiliary Oil Pump Control	75: VIII	75: HP6
76 - 82	-	-	-	Not Occupied	-	-

X50A FUSE BLOCK - UNDERHOOD X2



Connector Part Information

- Harness Type: Body
- OEM connector: 13732284
- Service connector: 13576544
- Description: 74-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	Core Crimp	Insulation Crimp
I	13327182	J-35616-35 (VT)	J-38125-36	2-964284-1	25-11	E	A
II	13327183	J-35616-35 (VT)	J-38125-36	4-965999-1	25-12	4	A
III	13327168	J-35616-14 (GN)	J-38125-560	962943-5	16-10	E	A
IV	13575527	J-35616-14 (GN)	J-38125-560	962943-5	16-10	Not Available	Not Available
V	13575471	J-35616-2A (GY)	J-38125-560	Not Available	Not Available	J	J

VI	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
VII	13327169	J-35616-14 (GN)	J-38125-560	962943-5	16-10	E	A
VIII	13579913	J-35616-14 (GN)	J-38125-560	962943-5	16-10	E	A
IX	13327104	J-35616-44 (YE)	J-38125-558	12092445	18-16	Not Available	Not Available
X	13575718	J-35616-44 (YE)	J-38125-558	12110127	19-	F	G
XI	13327105	J-35616-44 (YE)	J-38125-558	12110127	19-	F	G
XII	Not Available	J-35616-44 (YE)	J-38125-558	12110127	19-	Not Available	Not Available
XIII	13575760	J-35616-35 (VT)	J-38125-36	2-964284-1	25-11	E	A
XIV	13575860	J-35616-35 (VT)	J-38125-36	2-964284-1	25-11	E	A
XV	13578858	J-35616-35 (VT)	J-38125-36	4-965999-1	25-12	4	A

X50A Fuse Block - Underhood X2

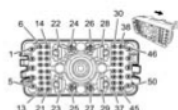
Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3: 3	3: 0.5	3: VT/WH	3: 2022	3: Coolant Pump Control	3: I	3: HP6
4: 4	4: 1.5	4: GY	4: 295	4: Door Lock Actuator Lock Control	4: II	4: -
5: 5	5: 1.5	5: WH/BU	5: 3266	5: Child Security Lock Motor Unlock Control	5: II	5: -
6 - 8	-	-	-	Not Occupied	-	-
9: 9	9: 0.5	9: RD/WH	9: 1040	9: Battery Positive Voltage	9: III	9: -
10	-	-	-	Not Occupied	-	-
11: 11	11: 0.5	11: GY/YE	11: 2014	11: Coolant Pump Relay Coil Control	11: III	11: HP6
12: 12	12: 1.5	12: GY/GN	12: 3271	12: Door Lock Control (2)	12: IV	12: -
13: 13	13: 0.35	13: VT/YE	13: 3267	13: Child Security Lock Relay Control	13: III	13: -
14: 14	14: 0.5	14: VT/WH	14: 1139	14: Run/Crank Ignition 1 Voltage	14: III	14: -
15	-	-	-	Not Occupied	-	-
				16: Powertrain Main		

16: 16	16: 0.5 16: 0.5	16: VT/BU 16: VT/BU	16: 5294 16: 5294	Relay Fused Supply (5) 16: Powertrain Main Relay Fused Supply (5)	16: V	16: - 16: -
17: 17	17: 0.35	17: GN/VT	17: 5199	17: Run/Crank Relay Coil Control	17: III	17: -
18	-	-	-	Not Occupied	-	-
19: 19	19: 0.35	19: BN/WH	19: 1317	19: Fog Lamp Relay Control	19: III	19: -
20: 20	20: 0.5	20: RD/WH	20: 1040	20: Battery Positive Voltage	20: III	20: -
21	-	-	-	Not Occupied	-	-
22: 22	22: 0.35	22: GY	22: 91	22: Windshield Wiper Motor Relay Coil Supply Voltage	22: III	22: -
23: 23	23: 0.35	23: VT/WH	23: 239	23: Run/Crank Ignition 1 Voltage	23: III	23: LCV/LUK
24: 24	24: 0.35	24: BN/YE	24: 1970	24: Headlamp Low Beam Relay Control	24: VI	24: LCV/LUK
25: 25	25: 0.35	25: BN/WH	25: 28	25: Horn Relay Control	25: III	25: -
26: 26	26: 0.35	26: VT/GY	26: 139	26: Run/Crank Ignition 1 Voltage	26: III	26: -
27: 27	27: 1	27: RD/BU	27: 840	27: Battery Positive Voltage	27: VII	27: LCV/LUK
28: 28	28: 0.5	28: RD/VT	28: 1940	28: Battery Positive Voltage	28: VIII	28: -
29: 29	29: 0.35	29: VT/GY	29: 539	29: Run/Crank Ignition 1 Voltage	29: III	29: -
30: 30	30: 1.5	30: GY/BU	30: 415	30: Air Injection Reaction Solenoid Supply Voltage	30: IV	30: NU6
31: 31	31: 0.5	31: VT/BK	31: 339	31: Run/Crank Ignition 1 Voltage	31: VII	31: LCV/LUK
32	-	-	-	Not Occupied	-	-
33: 33	33: 2.5 33: 2.5	33: RD/WH 33: RD/WH	33: 1340 33: 1340	33: Battery Positive Voltage 33: Battery Positive Voltage	33: IX	33: - 33: -
34: 34	34: 2.5	34: RD/GY	34: 3540	34: Battery Positive Voltage	34: X	34: LCV/LUK
35	-	-	-	Not Occupied	-	-
36: 36	36: 2.5 36: 2.5	36: RD/BU 36: RD/BU	36: 1240 36: 1240	36: Battery Positive Voltage 36: Battery Positive Voltage	36: IX	36: - 36: -

37: 37	37: 4	37: BN/YE	37: 78	37: Air Injection Reaction Pump Supply Voltage	37: XI	37: NU6
38	-	-	-	Not Occupied	-	-
39: 39	39: 4	39: BN/VT	39: 293	39: Rear Defog Element Supply Voltage	39: XI	39: -
40: 40	40: 1.5	40: RD/BU	40: 5240	40: Battery Positive Voltage	40: XII	40: LCV/LUK
41: 41	41: 4	41: RD/YE	41: 442	41: Battery Positive Voltage	41: XI	41: -
42: 42	42: 2.5	42: RD/VT	42: 1640	42: Battery Positive Voltage	42: X	42: -
43	-	-	-	Not Occupied	-	-
44: 44	44: 0.5	44: RD/GY	44: 1342	44: Battery Positive Voltage	44: III	44: -
45: 45	45: 0.35	45: WH/VT	45: 860	45: Front Windshield Wiper Switch High Signal	45: III	45: -
46: 46	46: 0.5	46: GY/BK	46: 2967	46: Transmission Auxiliary Oil Pump Relay Control	46: III	46: HP6
47: 47	47: 0.5 47: 0.35	47: RD/WH 47: VT/BU	47: 1040 47: 5294	47: Battery Positive Voltage 47: Powertrain Main Relay Fused Supply (5)	47: III	47: LUK 47: LCV, LTG
48 - 55	-	-	-	Not Occupied	-	-
56: 56	56: 0.5	56: RD/YE	56: 1442	56: Battery Positive Voltage	56: III	56: -
57	-	-	-	Not Occupied	-	-
58: 58	58: 0.5	58: BN/VT	58: 1969	58: Headlamp High Beam Relay Control	58: VIII	58: -
59: 59	59: 0.5	59: BU/GY	59: 421	59: Air Injection Reaction Solenoid Relay Coil Control	59: III	59: NU6
60: 60	60: 0.35	60: BN/GY	60: 2268	60: Windshield Washer Relay Control	60: III	60: -
61: 61	61: 0.35	61: BN/VT	61: 193	61: Rear Defog Relay Control	61: III	61: -
62: 62	62: 0.35	62: BN/YE	62: 2267	62: Mirror Heating Element Supply Voltage	62: III	62: -
63	-	-	-	Not Occupied	-	-
64: 64	64: 0.5	64: RD/BU	64: 3940	64: Battery Positive Voltage	64: VIII	64: LCV/LUK
65:	65: 0.5	65: RD/WH	65: 640	65: Battery Positive	65: VIII	65: LCV/LUK

65				Voltage		
66	-	-	-	Not Occupied	-	-
67: 67	67: 1 67: 0.75	67: RD/GN 67: RD/YE	67: 3140 67: 1442	67: Battery Positive Voltage 67: Battery Positive Voltage	67: I 67: XIII	67: LCV, LTG 67: LUK
68: 68	68: 0.75	68: RD/WH	68: 3440	68: Battery Positive Voltage	68: XIV	68: -
69: 69	69: 1.5	69: RD/GN	69: 5140	69: Battery Positive Voltage	69: II	69: -
70: 70	70: 1.5	70: RD/GY	70: 1042	70: Battery Positive Voltage	70: II	70: -
71: 71	71: 2.5	71: RD/YE	71: 3740	71: Battery Positive Voltage	71: XV	71: LCV, LTG
72: 72	72: 0.5	72: RD/YE	72: 2340	72: Battery Positive Voltage	72: I	72: -
73: 73	73: 0.5	73: RD/GN	73: 2440	73: Battery Positive Voltage	73: I	73: -
74: 74	74: 2.5	74: RD/VT	74: 2640	74: Battery Positive Voltage	74: XV	74: -

X50A FUSE BLOCK - UNDERHOOD X3



Connector Part Information

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

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327182	J-35616-35 (VT)	J-38125-36	2-964284-1	25-11	E	A
II	13327183	J-35616-35 (VT)	J-38125-36	4-965999-1	25-12	4	A
III	13575860	J-35616-35 (VT)	J-38125-36	2-964284-1	25-11	E	A

IV	13327116	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13327169	J-35616-14 (GN)	J-38125-560	962943-5	16-10	E	A
VI	13327168	J-35616-14 (GN)	J-38125-560	962943-5	16-10	E	A
VII	13579913	J-35616-14 (GN)	J-38125-560	962943-5	16-10	E	A

X50A Fuse Block - Underhood X3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 1 1: 2.5	1: VT/BU 1: VT/BU	1: 5290 1: 5290	1: Powertrain Main Relay Fused Supply (1) 1: Powertrain Main Relay Fused Supply (1)	1: I 1: II	1: LUK 1: LCV, LTG
2: 2	2: 0.75	2: VT/BU	2: 5291	2: Powertrain Main Relay Fused Supply (2)	2: I 2: III	2: -
3	-	-	-	Not Occupied	-	-
4: 4	4: 0.5 4: 0.5	4: VT/BK 4: VT/BK	4: 2139 4: 2139	4: Run/Crank Ignition 1 Voltage 4: Run/Crank Ignition 1 Voltage	4: III	4: - 4: -
5: 5	5: 2.5	5: YE	5: 6	5: Starter Solenoid Crank Voltage	5: II 5: IV	5: -
6: 6	6: 0.75	6: VT/BU	6: 5293	6: Powertrain Main Relay Fused Supply (4)	6: V	6: -
7: 7	7: 0.75	7: VT/BU	7: 5294	7: Powertrain Main Relay Fused Supply (5)	7: V	7: -
8 - 9	-	-	-	Not Occupied	-	-
10: 10	10: 0.5	10: BU/BN	10: 421	10: Air Injection Reaction Solenoid Relay Coil Control	10: V 10: VI	10: NU6
11: 11	11: 0.5	11: VT/GY	11: 6386	11: Starter Enable Relay (PPEI 3) Control	11: V 11: VI	11: -
12: 12	12: 0.5	12: GN/BU	12: 436	12: Air Injection Reaction Pump Relay Coil Control	12: V 12: VI	12: NU6
13 - 14	-	-	-	Not Occupied	-	-
15: 15	15: 0.5	15: BN/YE	15: 473	15: High Speed Cooling Fan Relay Control	15: V 15: VI	15: -
16: 16	16: 0.5 16: 0.5	16: GY/BU 16: YE/BU	16: 415 16: 5126	16: Air Injection Reaction Solenoid Supply Voltage 16: After Boil Heater Pump Supply Voltage	16: V 16: VI	16: NU6 16: LUK

17: 17	17: 0.5	17: YE	17: 5991	17: Powertrain Relay Coil Control	17: V 17: VI	17: -
18: 18	18: 0.5	18: GN/VT	18: 335	18: Low Speed Cooling Fan Relay Control	18: V 18: VI	18: -
19	-	-	-	Not Occupied	-	-
20: 20	20: 0.5 20: 0.5	20: VT/GN 20: VT/GY	20: 439 20: 439	20: Run/Crank Ignition 1 Voltage 20: Run/Crank Ignition 1 Voltage	20: V 20: VI	20: LCV/LUK 20: LTG
21: 21	21: 0.75	21: BK	21: 2650	21: Ground	21: V	21: -
22 - 26	-	-	-	Not Occupied	-	-
27: 27	27: 0.5	27: RD/BN	27: 440	27: Battery Positive Voltage	27: I	27: -
28 - 29	-	-	-	Not Occupied	-	-
30: 30	30: 0.5	30: BK/BU	30: 6813	30: Coolant Temperature Sensor #2 Low Reference	30: V	30: -
31: 31	31: 0.5	31: YE/BK	31: 3000	31: Coolant Temperature Sensor #2 Signal	31: V	31: -
32: 32	32: 0.5	32: GN	32: 380	32: A/C Refrigerant Pressure Sensor Signal	32: V 32: VII	32: -
33	-	-	-	Not Occupied	-	-
34: 34	34: 0.5	34: WH/GY	34: 459	34: A/C Compressor Clutch Relay Control	34: V 34: VI	34: -
35 - 36	-	-	-	Not Occupied	-	-
37: 37	37: 0.75	37: RD/GN	37: 1840	37: Battery Positive Voltage	37: V	37: -
38: 38	38: 0.5	38: BN/RD	38: 2700	38: A/C Pressure Sensor 5 Volt Reference	38: V 38: VII	38: -
39: 39	39: 0.5	39: BK/BN	39: 5514	39: A/C Refrigerant Pressure Sensor Low Reference	39: V 39: VII	39: -
40 - 45	-	-	-	Not Occupied	-	-
46: 46	46: 0.5 46: 0.5	46: BN/YE 46: BN/YE	46: 473 46: 473	46: High Speed Cooling Fan Relay Control 46: High Speed Cooling Fan Relay Control	46: III	46: - 46: -
47 - 49	-	-	-	Not Occupied	-	-
50: 50	50: 0.5	50: BN/GN	50: 59	50: A/C Compressor Clutch Supply Voltage	50: I	50: -

X50A FUSE BLOCK - UNDERHOOD X4

Connector Part Information

- Harness Type: Battery
- OEM connector: Not Available
- Service connector: Not Available
- Description: Ring Terminal

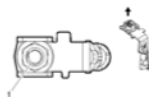
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50A Fuse Block - Underhood X4

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 35	1: RD	1: 4042	1: Battery Positive Voltage	1: I	1: -

X50A FUSE BLOCK - UNDERHOOD X5



Connector Part Information

- Harness Type: Hybrid/EV Battery Pack
- OEM connector: Not Available
- Service connector: Not Available
- Description: Ring Terminal

Terminal Part Information

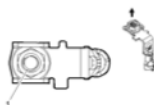
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50A Fuse Block - Underhood X5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
-----	------	-------	---------	----------	------------------	--------

Pin	Size	Color	Circuit	Function	ID	Option
1: 1	1: 35	1: RD	1: 4042	1: Battery Positive Voltage	1: I	1: -

X50A FUSE BLOCK - UNDERHOOD X6



Connector Part Information

- Harness Type: Power Steering Control
- OEM connector: Not Available
- Service connector: Not Available
- Description: Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50A Fuse Block - Underhood X6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 10	1: RD/YE	1: 1142	1: Battery Positive Voltage	1: I	1: -

X50D FUSE BLOCK - BATTERY TOP VIEW

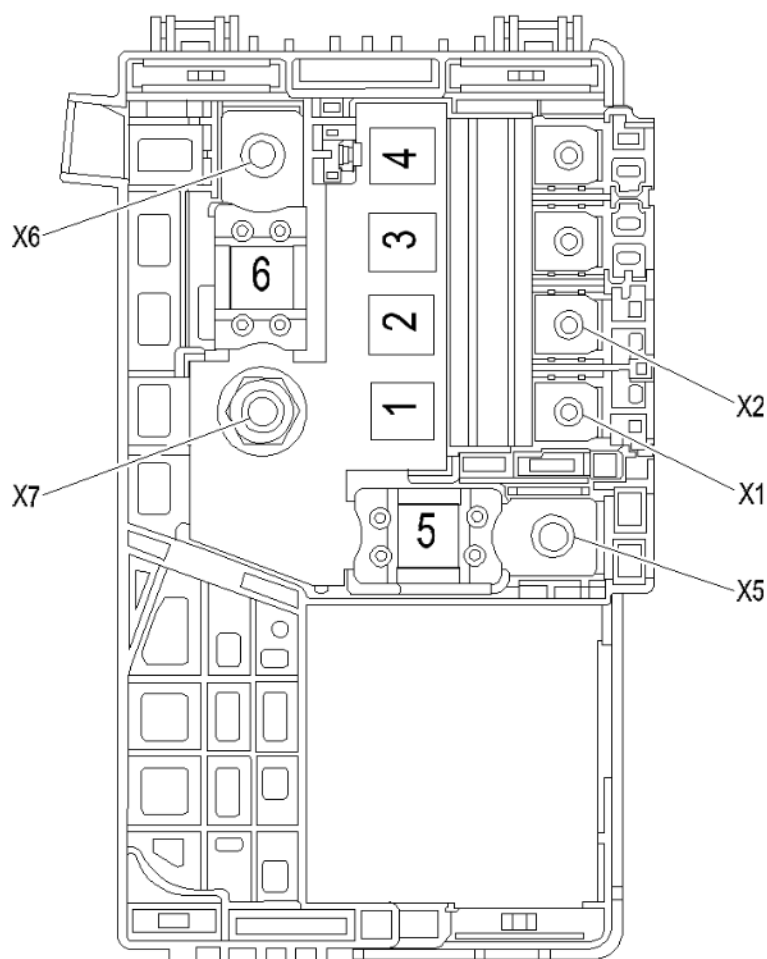


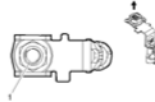
Fig. 4: X50D Fuse Block - Battery Top View
 Courtesy of GENERAL MOTORS COMPANY

X50D Fuse Block - Battery Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
F1UB: 1	F1UB: -	F1UB: F1UB Fuse	F1UB: 100A (LUK) F1UB: 60A (LCV/LTG)	F1UB: X51A Fuse Block - Instrument Panel
F2UB: 2	F2UB: -	F2UB: F2UB Fuse	F2UB: 100A (LUK) F2UB: 60A (LCV/LTG)	F2UB: X51A Fuse Block - Instrument Panel
F3UB: 3	F3UB: -	F3UB: F3UB Fuse	F3UB: -	F3UB: Not Occupied
F4UB: 4	F4UB: -	F4UB: F4UB Fuse	F4UB: -	F4UB: Not Occupied
F5UB: 5	F5UB: -	F5UB: F5UB Fuse	F5UB: 250A	F5UB: X50A Fuse Block - Underhood
F6UB: 6	F6UB: -	F6UB: F6UB Fuse	F6UB: 300A	F6UB: G13 Generator M64

Starter Motor

X50D FUSE BLOCK - BATTERY X1



Connector Part Information

- Harness Type: Battery
- OEM connector: 13278091
- Service connector: Not Available
- Description: Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50D Fuse Block - Battery X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 10	1: RD/BK	1: 42	1: Battery Positive Voltage	1: I	1: -

X50D FUSE BLOCK - BATTERY X2

Connector Part Information

- Harness Type: Body
- OEM connector: Not Available
- Service connector: Not Available
- Description: Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50D Fuse Block - Battery X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 10	1: RD/BU	1: 1642	1: Battery Positive Voltage	1: I	1: -

X50D FUSE BLOCK - BATTERY X5

Connector Part Information

- Harness Type: Fuse Block - Underhood
- OEM connector: Not Available
- Service connector: Not Available
- Description: Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50D Fuse Block - Battery X5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 35	1: RD	1: 4042	1: Battery Positive Voltage	1: I	1: -

X50D FUSE BLOCK - BATTERY X6

Connector Part Information

- Harness Type: Starter - Generator
- OEM connector: Not Available
- Service connector: Not Available
- Description: Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50D Fuse Block - Battery X6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 35	1: RD	1: 2	1: Battery Positive Voltage	1: I	1: -

X50D FUSE BLOCK - BATTERY X7

Connector Part Information

- Harness Type: Battery
- OEM connector: Not Available
- Service connector: Not Available
- Description: Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X50D Fuse Block - Battery X7

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

X51A FUSE BLOCK - INSTRUMENT PANEL LABEL

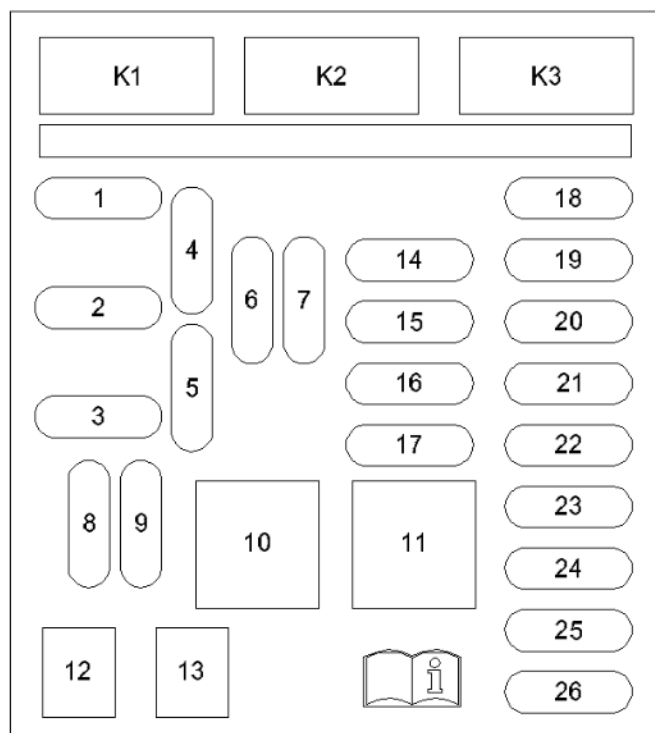


Fig. 5: X51A Fuse Block - Instrument Panel Label
 Courtesy of GENERAL MOTORS COMPANY

X51A FUSE BLOCK - INSTRUMENT PANEL TOP VIEW FUSES

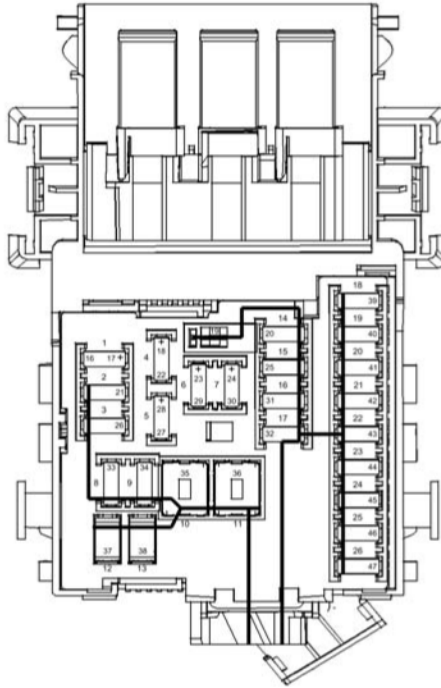


Fig. 6: X51A Fuse Block - Instrument Panel Top View Fuses
 Courtesy of GENERAL MOTORS COMPANY

X51A Fuse Block - Instrument Panel Fuse Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
F1DA: 1	F1DA: -	F1DA: F1DA Fuse	F1DA: 2A	F1DA: S70L Steering Wheel Controls Switch - Left, S70R Steering Wheel Controls Switch - Right
F2DA: 2	F2DA: -	F2DA: F2DA Fuse	F2DA: 15A	F2DA: K9 Body Control Module
F3DA: 3	F3DA: -	F3DA: F3DA Fuse	F3DA: 15A	F3DA: K9 Body Control Module
F4DA: 4	F4DA: -	F4DA: F4DA Fuse	F4DA: 15A	F4DA: A11 Radio
F5DA: 5	F5DA: -	F5DA: F5DA Fuse	F5DA: 7.5A	F5DA: K73 Telematics Communication Interface Control Module
F6DA: 6	F6DA: -	F6DA: F6DA Fuse	F6DA: 20A	F6DA: X80G Accessory Power Rectacle - Instrument Panel
		F7DA: F7DA		F7DA: X80H Accessory Power Rectacle - Center

F7DA: 7	F7DA: -	Fuse	F7DA: 20A	Console, X81 Accessory Power Outlet - 110V AC (KV1)
F8DA: 8	F8DA: -	F8DA: F8DA Fuse	F8DA: 15A	F8DA: K9 Body Control Module
F9DA: 9	F9DA: -	F9DA: F9DA Fuse	F9DA: 15A	F9DA: K9 Body Control Module
F10DA: 10	F10DA: -	F10DA: F10DA Fuse	F10DA: 30A	F10DA: K9 Body Control Module
F11DA: 11	F11DA: -	F11DA: F11DA Fuse	F11DA: 40A	F11DA: K8 Blower Control Module
F12DA Cicuit Breaker: 12	F12DA Cicuit Breaker: -	F12DA Cicuit Breaker: F12DA Circuit Breaker	F12DA Cicuit Breaker: 25A	F12DA Cicuit Breaker: S64P Seat Adjuster Switch - Passenger (AG2)
F13DA: 13	F13DA: -	F13DA: F13DA Circuit Breaker	F13DA: 25A	F13DA: K40 Seat Memory Control Module (A45), S64D Seat Adjuster Switch - Driver (-A45)
F14DA: 14	F14DA: -	F14DA: F14DA Fuse	F14DA: 7.5A	F14DA: X84 Data Link Connector
F15DA: 15	F15DA: -	F15DA: F15DA Fuse	F15DA: 10A	F15DA: K36 Inflatable Restraint Sensing and Diagnostic Module
F16DA: 16	F16DA: -	F16DA: F16DA Fuse	F16DA: 5A	F16DA: KR95B Rear Compartment Lid Unlatch Relay
F17DA: 17	F17DA: -	F17DA: F17DA Fuse	F17DA: 10A	F17DA: K33 HVAC Control Module
F18DA: 18	F18DA: -	F18DA: F18DA Fuse	F18DA: 30A	F18DA: F4DA, F5DA
F19DA: 19	F19DA: -	F19DA: F19DA Fuse	F19DA: 10A	F19DA: A20 Radio Controls, A26 HVAC Controls, P17 Info Display Module (UFF, UFU or UKA), X83 Auxiliary Audio Input with Memory Card Receptacle (MCR)
F20DA: 20	F20DA: -	F20DA: F20DA Fuse	F20DA: 5A	F20DA: B60 Passenger Presence Sensor
F21DA: 21	F21DA: -	F21DA: F21DA Fuse	F21DA: 5A	F21DA: P16 Instrument Cluster
F22DA: 22	F22DA: -	F22DA: F22DA Fuse	F22DA: 2A	F22DA: S39 Ignition Switch (without BTM)
F23DA: 23	F23DA: -	F23DA: F23DA Fuse	F23DA: 15A	F23DA: K9 Body Control Module
F24DA: 24	F24DA: -	F24DA: F24DA	F24DA: 15A	F24DA: K9 Body Control

		Fuse		Module
F25DA: 25	F25DA: -	F25DA: F25DA Fuse	F25DA: 25A	F25DA: T1 Accessory AC/DC Power Inverter Module
F26DA: 26	F26DA: -	F26DA: F26DA Fuse	F26DA: -	F26DA: Not Occupied

X51A FUSE BLOCK - INSTRUMENT PANEL TOP VIEW RELAYS

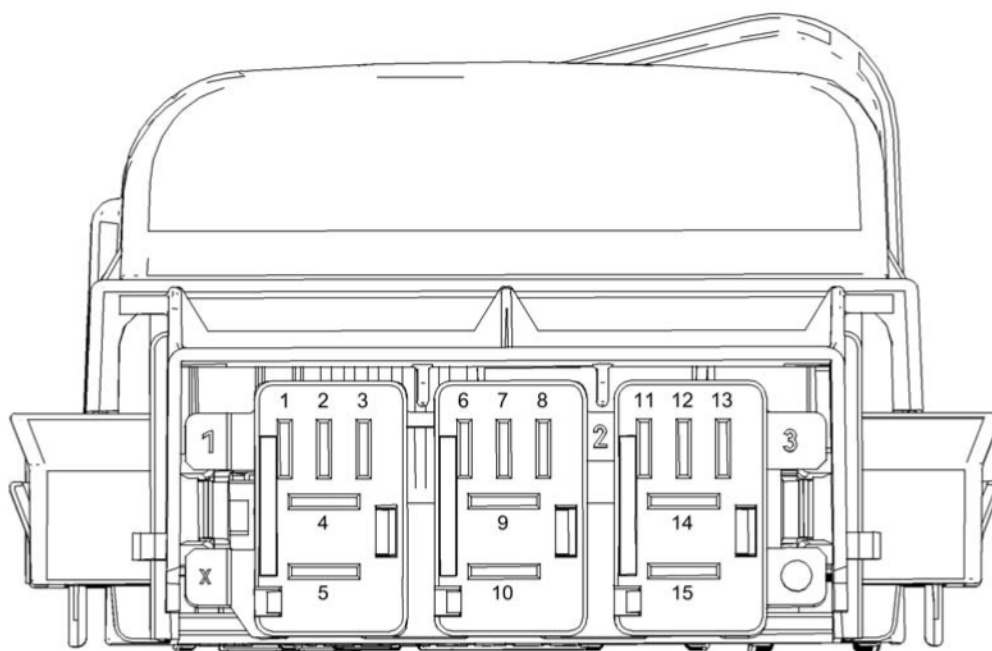


Fig. 7: X51A Fuse Block - Instrument Panel Top View Relays
Courtesy of GENERAL MOTORS COMPANY

X51A Fuse Block - Instrument Panel Relay Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
KR76: 1	KR76: -	KR76: KR76 Retained Accessory	KR76: -	KR76: F6DA, F7DA Fuses

		Power Relay		
2	-	-	-	-
KR113: 3	KR113: -	KR113: KR113 Child Security Lock Disable Relay	KR113: -	KR113: A23 LR Door Latch Assembly - Left Rear, A23 RR Door Latch Assembly - Right Rear

X51A FUSE BLOCK - INSTRUMENT PANEL BOTTOM VIEW FUSES



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595188
- Service Connector: Service by Harness - See Part Catalog
- Description: 38-Way F Electrical Center

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13327182	J-35616-35 (VT)	J-38125-38	13595182-1	13595182-1	E	A
II	13327183	J-35616-35 (VT)	J-38125-38	2-964284-1	25	E	A
III	13327183	J-35616-35 (VT)	J-38125-38	4-965999-1	25	4	A
IV	13327178	J-35616-43 (RD)	J-38125-11A	15343823	19	G	G
V	13587366	J-35616-44 (YE)	J-38125-221	15343823	19	G	G

X51A Fuse Block - Instrument Panel Bottom View Fuses

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
16: 16	16: 0.5	16: BN	16: 6136	16: Supply Voltage	16: I	16: -
17: 17	17: 0.5	17: YE	17: 6817	17: LED Backlight Dimming Control	17: -	17: -
18: 18	18: 2.5	18: RD/BU	18: 4540	18: Battery Positive Voltage	18: I	18: -

19: 19	19: 2.5	19: GY/GN	19: 70	19: RAP Relay Switch Supply Voltage	19: I	19: -
20: 20	20: 0.5	20: RD/GN	20: 40	20: Battery Positive Voltage	20: II	20: -
21: 21	21: 0.75 21: 0.75	21: RD/GN 21: RD/BU	21: 3840 21: 3840	21: Battery Positive Voltage 21: Battery Positive Voltage	21: III	21: LCV/LUK 21: LTG
22: 22	22: 1	22: RD	22: 340	22: Battery Positive Voltage	22: I	22: -
23: 23	23: 1	23: VT	23: 1301	23: Retained Accessory Power Fuse Supply Voltage	23: I	23: -
24: 24	24: 1	24: VT	24: 1301	24: Retained Accessory Power Fuse Supply Voltage	24: I	24: -
25: 25	25: 0.5	25: RD/WH	25: 4440	25: Battery Positive Voltage	25: II	25: -
26: 26	26: 0.75	26: RD/BN	26: 2940	26: Battery Positive Voltage	26: I	26: -
27: 27	27: 0.5 27: 0.5	27: RD/VT 27: RD/BU	27: 5340 27: 5340	27: Battery Positive Voltage 27: Battery Positive Voltage	27: I	27: UPH 27: -UPH
28: 28	28: 2.5 28: 2.5	28: RD/BU 28: VT	28: 4540 28: 4540	28: Battery Positive Voltage 28: Battery Positive Voltage	28: II	28: LCV/LUK 28: LTG
29: 29	29: 1	29: VT	29: 1001	29: Retained Accessory Power Fuse Supply Voltage	29: I	29: -
30: 30	30: 1	30: GN/WH	30: 801	30: Retained Accessory Power Fuse Supply Voltage	30: I	30: -
31: 31	31: 0.5	31: BN/BU	31: 382	31: Trunk Release Enable Relay Switch Supply Voltage	31: II	31: -
32: 32	32: 0.5	32: RD/VT	32: 3340	32: Battery Positive Voltage	32: II	32: -
33: 33	33: 0.75	33: RD/WH	33: 2740	33: Battery Positive Voltage	33: I	33: -
34: 34	34: 0.75	34: RD/BU	34: 2540	34: Battery Positive Voltage	34: I	34: -
35: 35	35: 1.5	35: RD/VT	35: 4040	35: Battery Positive Voltage	35: IV	35: -

36: 36	36: 4	36: RD/VT	36: 542	36: Battery Positive Voltage	36: I	36: -
37: 37	37: 1.5	37: RD/BN	37: 1440	37: Battery Positive Voltage	37: I	37: AG2
38: 38	38: 1.5	38: RD/YE	38: 5040	38: Battery Positive Voltage	38: I	38: -
39: 39	39: 2.5	39: RD/BU	39: 4540	39: Battery Positive Voltage	39: I	39: -
40: 40	40: 0.5	40: RD/BU	40: 3240	40: Battery Positive Voltage	40: -	40: -
41: 41	41: 0.5	41: RD/WH	41: 2040	41: Battery Positive Voltage	41: II	41: -
42: 42	42: 0.5	42: RD/GY	42: 2840	42: Battery Positive Voltage	42: II	42: -
43: 43	43: 0.5	43: RD/VT	43: 540	43: Battery Positive Voltage	43: II	43: -BTM
44: 44	44: 0.75	44: RD/WH	44: 2140	44: Battery Positive Voltage	44: III	44: -
45: 45	45: 0.75 45: 0.75	45: RD/BN 45: RD/GY	45: 2240 45: 2240	45: Battery Positive Voltage 45: Battery Positive Voltage	45: III	45: LCV/LUK 45: LTG
46: 46	46: 0.75	46: RD/YE	46: 740	46: Battery Positive Voltage	46: II	46: KV1
47: 47	-	-	-	Not Occupied	-	-
48: 48	48: 10	48: RD/WH	48: 42	48: Battery Positive Voltage	48: V	48: LCV/LUK
49: 49	49: 10	49: RD/WH	49: 1642	49: Battery Positive Voltage	49: V	49: LCV/LUK

X51A FUSE BLOCK - INSTRUMENT PANEL BOTTOM VIEW RELAYS



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 13595183
- Service Connector: Not Available
- Description: 15-Way F Relay Center

Terminal Part Information

Terminal	Terminated	Diagnostic	Terminal	Service		Core	Insulation
----------	------------	------------	----------	---------	--	------	------------

Type ID	Lead	Test Probe	Removal Tool	Terminal	Tray	Crimp	Crimp
I	Pending	Pending	Pending	Pending	Pending	Pending	Pending

X51A Fuse Block - Instrument Panel Bottom View Relays

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1: 1	1: 0.5	1: BK	1: 1550	1: Ground	1: I	1: -
2: 2	2: 0.5	2: BK	2: 1550	2: Ground	2: I	2: -
3: 3	3: 0.35	3: GY/YE	3: 6188	3: Lift Glass/Trunk Motor Release Control	3: I	3: -
4: 4	4: 0.5	4: BN/BU	4: 382	4: Battery Positive Voltage	4: I	4: -
5: 5	5: 0.5	5: BU/YE	5: 6795	5: Lift Glass/Trunk Motor Release Control 2	5: I	5: -
6-10	-	-	-	Not Occupied	-	-
11: 11	11: 0.5	11: GY/VT	11: 755	11: RAP Relay Coil Control	11: I	11: -
12	-	-	-	Not Occupied	-	-
13: 13	13: 0.5	13: BK	13: 1550	13: Ground	13: I	13: -
14: 14	14: 2.5	14: GY/GN	14: 70	14: Battery Positive Voltage	14: I	14: -
15: 15	15: 1 15: 1	15: VT 15: VT	15: 1301 15: 1301	15: Retained Accessory Power Fuse Supply Voltage 15: Retained Accessory Power Fuse Supply Voltage	15: I	15: - 15: -