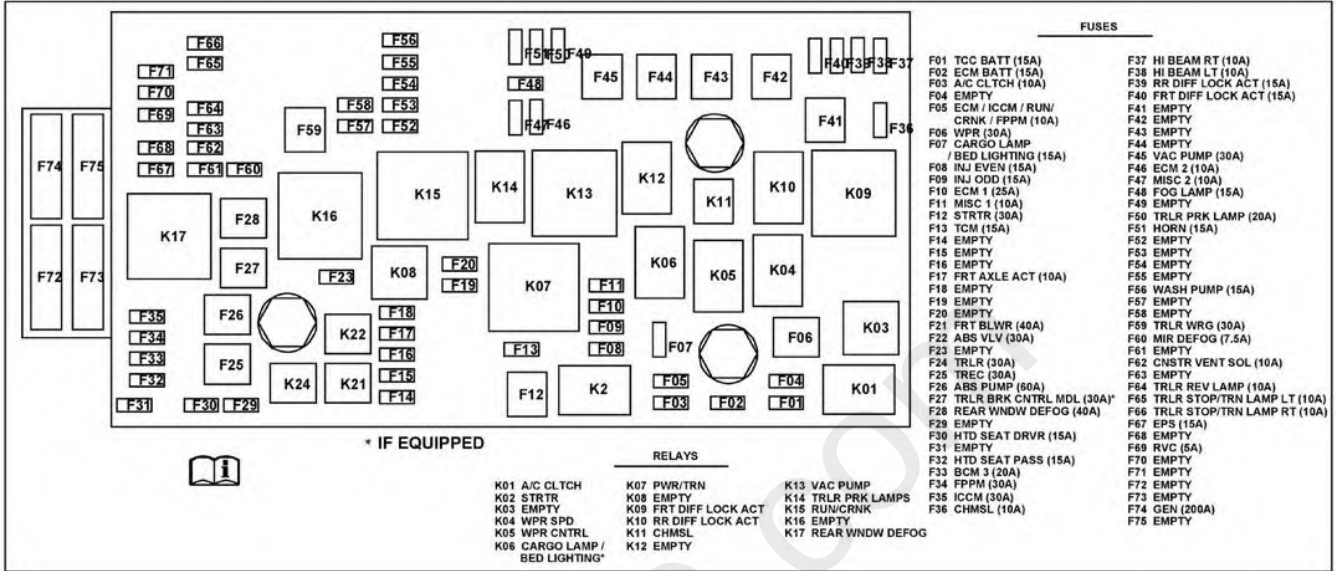


2021 ELECTRICAL

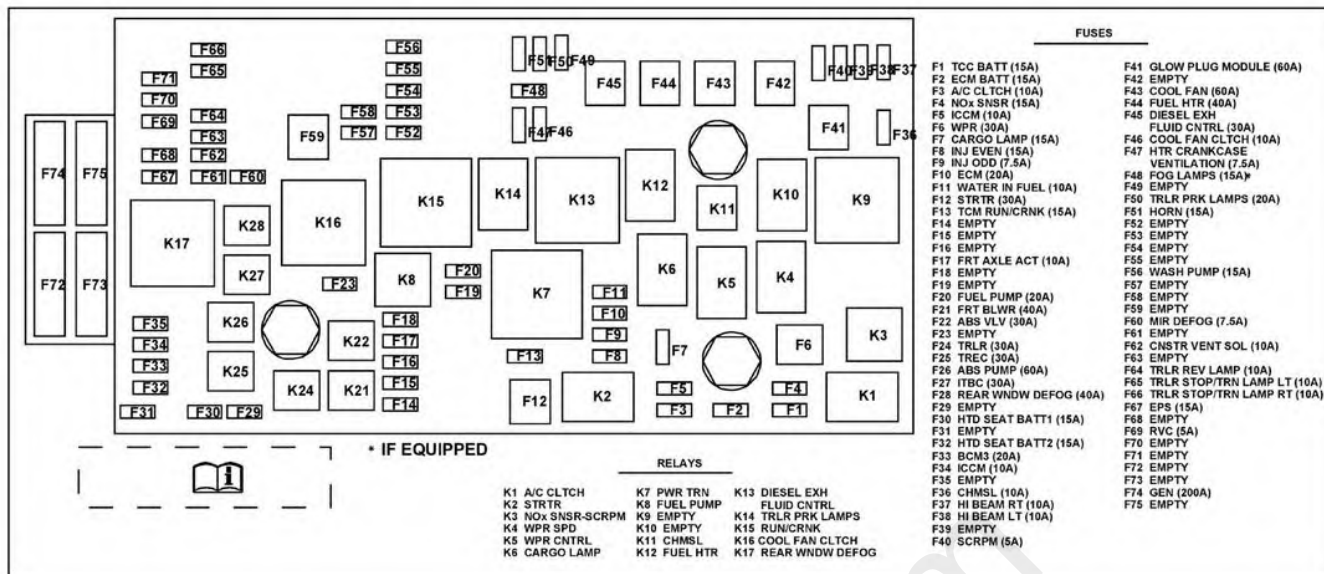
Electrical Center Identification Views - Canyon, Colorado

ELECTRICAL CENTER IDENTIFICATION VIEWS

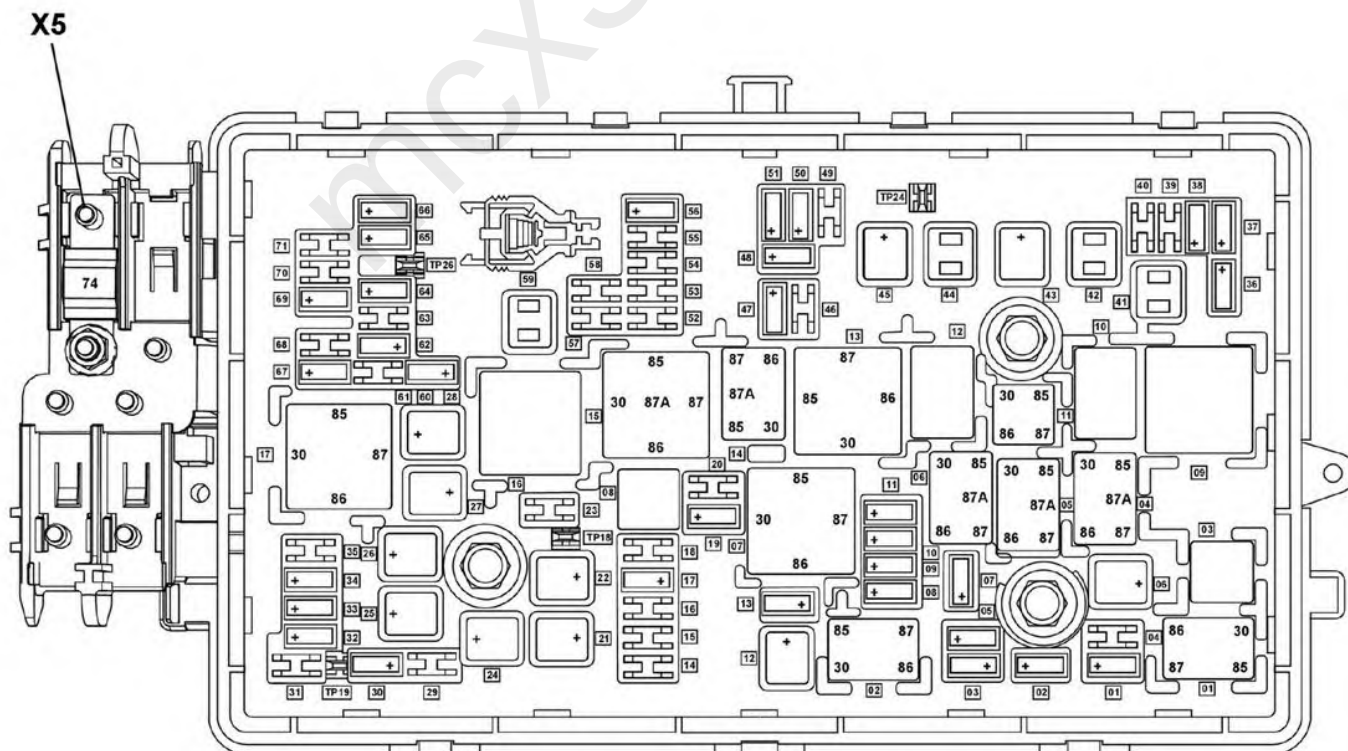
X50A FUSE BLOCK - UNDERHOOD LABEL (LCV/LGZ)



X50A FUSE BLOCK - UNDERHOOD LABEL (LWN)



X50A FUSE BLOCK - UNDERHOOD TOP VIEW (LCV/LGZ)



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No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
F1	TCM BATT	F1UA	15A	- K71 Transmission Control Module (MYB) - Q8 Control Solenoid Valve Assembly (MYB)
F2	ECM BATT	F2UA	15A	K20 Engine Control Module
F3	A/C CLTCH	F3UA	10A	- KR29 A/C Compressor Clutch Relay - Q2 A/C Compressor Clutch
F4	EMPTY	F4UA	-	Not Used
F5	FUEL MDL RUN/CRNK	F5UA	10A	- K20 Engine Control Module - K38 Chassis Control Module - K71 Transmission Control Module (MYB) - K111 Fuel Pump Driver Control Module - Q8 Control Solenoid Valve Assembly (MYB)
F6	WPR	F6UA	30A	- KR12B Windshield Wiper Relay - KR12C Windshield Wiper Speed Control Relay
F7	CARGO LAMP	F7UA	15A	KR112 Cargo Lamp Relay
F8	INJ EVEN	F8UA	15A	- K20 Engine Control Module (LGZ) - T8B Ignition Coil 2 (LGZ) - T8D Ignition Coil 4 (LGZ) - T8F Ignition Coil 6 (LGZ)
F9	INJ ODD	F9UA	15A	- K20 Engine Control Module - T8A Ignition Coil 1 (LCV) - T8A Ignition Coil 1 (LGZ) - T8B Ignition Coil 2 (LCV) - T8C Ignition Coil 3 (LCV) - T8C Ignition Coil 3 (LGZ) - T8D Ignition Coil 4 (LCV) - T8E Ignition Coil 5 (LGZ)
F10	ECM	F10UA	20A	K20 Engine Control Module
F11	MISC 1	F11UA	10A	- B52B Heated Oxygen Sensor 2 (LCV) - B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LGZ) - B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LGZ) - B75C Multifunction Intake Air Sensor - K20 Engine Control Module
F12	STRTR	F12UA	30A	KR27 Starter Relay
F13	TCM	F13UA	15A	K71 Transmission Control Module (MYB)
F14	EMPTY	F14UA	-	Not Used
F15	EMPTY	F15UA	-	Not Used
F16	EMPTY	F16UA	-	Not Used
F17	FRT AXLE ACT	F17UA	10A	M26 Front Axle Engagement Actuator (NQ6/NQ7)
F18	EMPTY	F18UA	-	Not Used
F19	AERO SHTR	F19UA	10A	M96 Active Grille Air Shutter Actuator
F20	EMPTY	F20UA	-	Not Used
F21	FRT BLWR	F21UA	40A	K8 Blower Motor Control Module
F22	ABS VLV	F22UA	30A	K17 Electronic Brake Control Module
F23	EMPTY	F23UA	-	Not Used
F24	TRLR	F24UA	30A	- W8 Blunt Cut - Trailer Provision - X88 Trailer Connector (Z82)

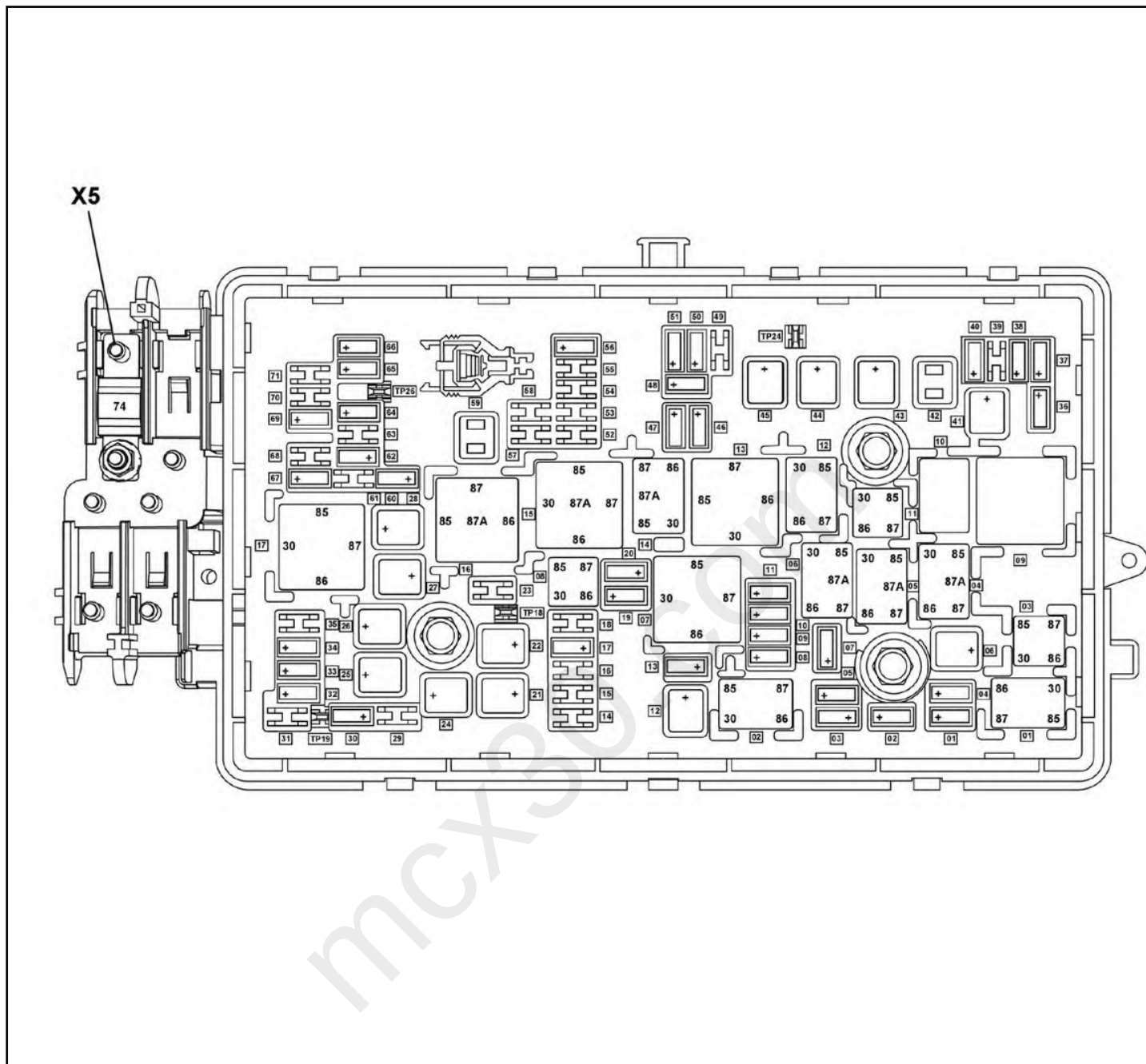
No.	Device Label Name	Device Assigned Name	Rating	Description
F25	TREC	F25UA	30A	- A16 Transfer Case Motor (NQ6/NQ7) - K69 Transfer Case Control Module (NQ6/NQ7)
F26	ABS PUMP	F26UA	60A	K17 Electronic Brake Control Module
F27	TRLR BRK CNTRL MDL	F27UA	30A	- K133 Trailer Brake Power Control module (Z82) - W24 Blunt Cut - Trailer Brakes Provision (Z82)
F28	REAR WNDW DEFOG	F28UA	40A	- F63UA - E18 Rear Defogger Grid (C49)
F29	EMPTY	F29UA	-	Not Used
F30	HTD SEAT BATT 1	F30UA	15A	K29 Seat Heating Control Module (KA1)
F31	EMPTY	F31UA	-	Not Used
F32	HTD SEAT BATT 2	F32UA	15A	K29 Seat Heating Control Module (KA1)
F33	BCM 3	F33UA	20A	K9 Body Control Module
F34	FSCM	F34UA	30A	K111 Fuel Pump Driver Control Module (LCV)
F35	FSCM	F35UA	30A	K38 Chassis Control Module (LGZ)
F36	CHMSL	F36UA	10A	KR41 Center High Mounted Stop Lamp Relay
F37	HI BEAM RT	F37UA	10A	E4F Headlamp - Right High Beam
F38	HI BEAM LT	F38UA	10A	E4E Headlamp - Left High Beam
F39	RR DIFF LOCK ACT	F39UA	15A	Rear Differential Lock Control Actuator
F40	FRT DIFF LOCK ACT	F40UA	15A	Front Differential Lock Control Actuator
F41	EMPTY	F41UA	-	Not Used
F42	EMPTY	F42UA	-	Not Used
F43	COOL FAN	F43UA	60A	K22 Cooling Fan Control Module
F44	EMPTY	F44UA	-	Not Used
F45	VAC PUMP	F45UA	30A	KR14 Brake Booster Pump Motor Relay (LGZ)
F46	EMPTY	F46UA	-	K20 Engine Control Module (LGZ)
F47	MISC 2	F47UA	10A	- B52A Heated Oxygen Sensor 1 (LCV) - B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LGZ) - B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LGZ) - 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) - Q83A Valve Lifter Oil Solenoid Valve Bank 1 (LGZ) - Q83B Valve Lifter Oil Solenoid Valve Bank 2 (LGZ) - Q84A Camshaft Position Actuator Park Lock Solenoid Valve - Bank 1 Intake (LGZ) - Q84B Camshaft Position Actuator park Lock Solenoid Valve - Bank 2 Intake (LGZ)
F48	FOG LAMP	F48UA	15A	- E29LF Fog Lamp - Left Front (T3U) - E29RF Fog Lamp - Right Front (T3U)
F49	EMPTY	F49UA	-	Not Used
F50	TRLR PRK LAMP	F50UA	20A	- W8 Blunt Cut - Trailer Provision - X88 Trailer Connector (Z82)
F51	HORN	F51UA	15A	P13 Horn Assembly
F52	EMPTY	F52UA	-	Not Used

No.	Device Label Name	Device Assigned Name	Rating	Description
F53	EMPTY	F53UA	-	• Not Used
F54	EMPTY	F54UA	-	• Not Used
F55	EMPTY	F55UA	-	• Not Used
F56	WASH PUMP	F56UA	15A	• G24 Windshield Washer Pump
F57	EMPTY	F57UA	-	• Not Used
F58	EMPTY	F58UA	-	• Not Used
F59	EMPTY	F59UA	-	• Not Used
F60	MIR DEFOG	F60UA	7.5A	• E17D Outside Rearview Mirror Glass - Driver (DL9) • E17P Outside Rearview Mirror Glass - Passenger (DL9)
F61	EMPTY	F61UA	-	• Not Used
F62	CNSTR VENT SOL	F62UA	10A	• Q13 Evaporative Emission Vent Solenoid Valve
F63	EMPTY	F63UA	-	• Not Used
F64	TRLR REV LAMP	F64UA	10A	• KR61 Trailer Backup Lamps Relay
F65	TRLR STOP/TRN LAMP LT	F65UA	10A	• W8 Blunt Cut - Trailer Provision • X88 Trailer Connector (Z82)
F66	TRLR STOP/TRN LAMP RT	F66UA	10A	• KR63R Trailer Stop/Turn Signal Lamp Relay - Right
F67	EPS	F67UA	15A	• K43 Power Steering Control Module
F68	EMPTY	F68UA	-	• Not Used
F69	RVC	F69UA	5A	• K9 Body Control Module
F70	EMPTY	F70UA	-	• Not Used
F71	EMPTY	F71UA	-	• Not Used
F72	EMPTY	F72UB	-	• Not Used
F73	EMPTY	F73UB	-	• Not Used
F74	GEN	F74UB	200A	• G13 Generator
F75	EMPTY	F75UB	-	• 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 • KR29 A/C Compressor Clutch Relay
K8	EMPTY	-	-	• Not Used
K9	FRT DIFF LOCK ACT	KR175A Front Differential Lock Actuator High Control Relay	-	• Q9F Differential Lock Actuator - Front • K38A Chassis Control Module - Auxiliary

No.	Device Label Name	Device Assigned Name	Rating	Description
K10	RR DIFF LOCK ACT	KR176A Rear Differential Lock Actuator High Control Relay	-	- Q9R Differential Lock Actuator - Rear - K38A Chassis Control Module - Auxiliary
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 (LGZ)
K14	PRK LAMPS	KR125 Trailer Park Lamps Relay	-	F50UA
K15	RUN/CRNK	KR73 Ignition Main Relay	-	- F5UA - F13UA - F16UA - F17UA - F18UA - F19UA - F52UA - F53UA - F54UA - F57UA
K16	EMPTY	-	-	Not Used
K17	REAR WNDW DEFOG	KR5 Rear Defogger Relay	-	- F28UA - F60UA - F63UA - 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
-	-	KR11 Windshield Washer Pump Relay	-	F56UA
-	-	KR46 Front Fog Lamp Relay	-	F48UA
-	-	KR48 Headlamp High Beam Relay	-	- F37UA - F38UA
-	-	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 - 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 - A23E door Latch Assembly Endgate (A91)
-	-	KR175B Front Differential Lock Actuator Low Control Relay	-	- Q9F Differential Lock Actuator - Front - K38A Chassis Control Module - Auxiliary
-	-	KR176B Rear Differential Lock Actuator Low Control Relay	-	- Q9R Differential Lock Actuator - Rear - K38A Chassis Control Module - Auxiliary
Note: Items listed below are diagnostic testing points.				
TP19	-	TP19	-	Not Used
Note: Items listed below are Door Lock/Indicator system diagnostic testing points.				
TP18	CKT 3271	TP18	-	KR113 Child Security Lock Disable Relay
Note: Items listed below are Trailer Connector/Provision system diagnostic testing points.				
TP24	CKT 1619	TP24	-	KR63R Trailer Stop/Turn Signal Lamp Relay - Right

No.	Device Label Name	Device Assigned Name	Rating	Description
TP26	CKT 1624	TP26	-	KR61 Trailer Backup Lamps Relay

X50A FUSE BLOCK - UNDERHOOD TOP VIEW (LWN)



Usage Table

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

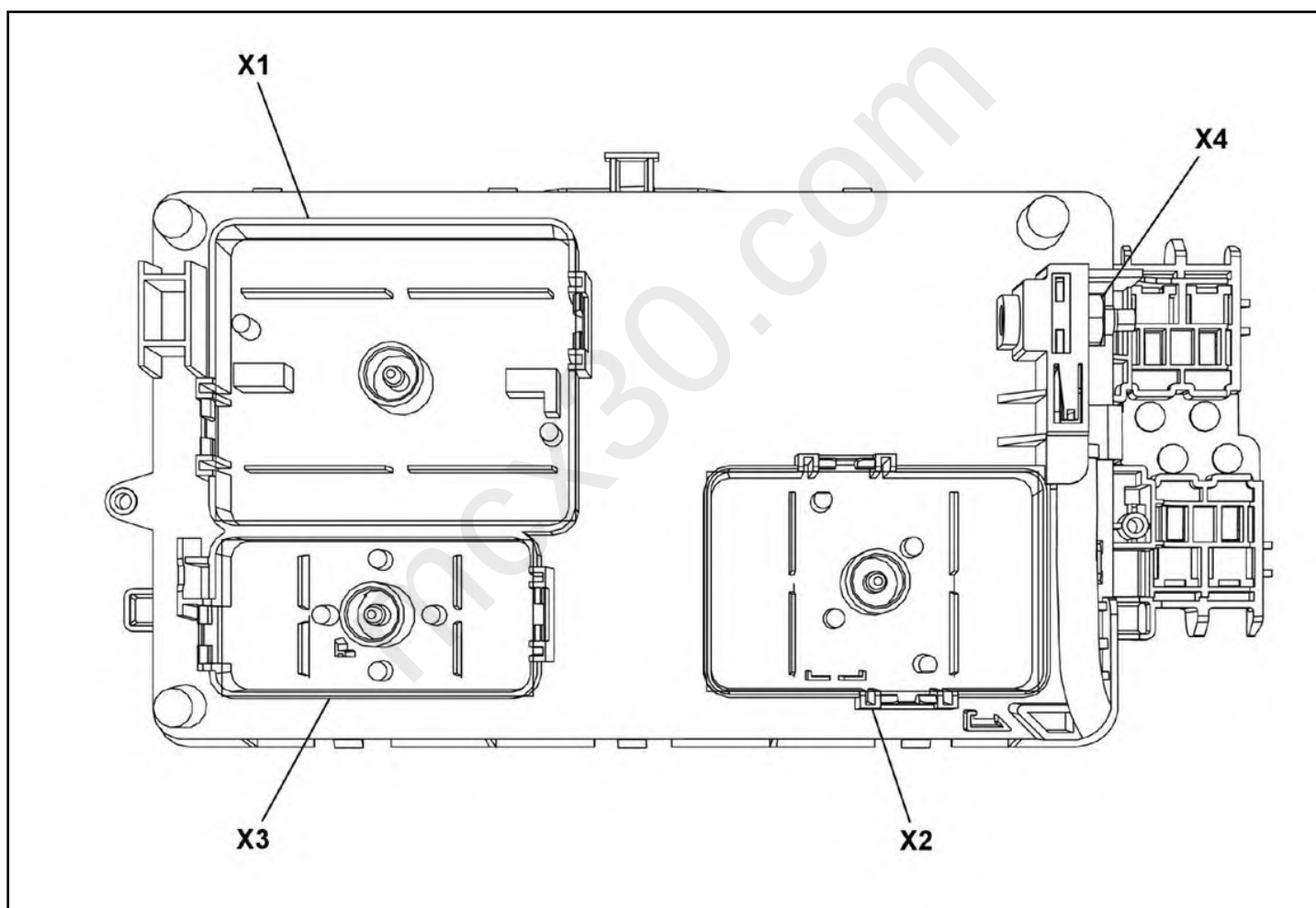
No.	Device Label Name	Device Assigned Name	Rating	Description
F6	WPR	F6UA	30A	• KR12B Windshield Wiper Relay • KR12C Windshield Wiper Speed Control Relay
F7	CARGO LAMP	F7UA	15A	• KR112 Cargo Lamp Relay
F8	INJ EVEN	F8UA	15A	• K20 Engine Control Module
F9	INJ ODD	F9UA	7.5A	• K20 Engine Control Module
F10	ECM	F10UA	20A	• K20 Engine Control Module
F11	WATER IN FUEL	F11UA	10A	• B75C Multifunction Intake Air Sensor
F12	STRTR	F12UA	30A	• KR27 Starter Relay
F13	TCM RUN/CRNK	F13UA	15A	• K71 Transmission Control Module (MYB) • Q8 Control Solenoid Valve Assembly (MYB)
F14	EMPTY	F14UA	-	• Not Used
F15	EMPTY	F15UA	-	• Not Used
F16	EMPTY	F16UA	-	• Not Used
F17	FRT AXLE ACT	F17UA	10A	• M26 Front Axle Engagement Actuator (NQ6/NQ7)
F18	EMPTY	F18UA	-	• Not Used
F19	EMPTY	F19UA	-	• Not Used
F20	FUEL PUMP	F20UA	20A	• KR23A Fuel Pump Relay
F21	FRT BLWR	F21UA	40A	• K8 Blower Motor Control Module
F22	ABS VLV	F22UA	30A	• K17 Electronic Brake Control Module
F23	EMPTY	F23UA	-	• Not Used
F24	TRLR	F24UA	30A	• X88 Trailer Connector (Z82)
F25	TREC	F25UA	30A	• A16 Transfer Case Motor (NQ6/NQ7) • K69 Transfer Case Control Module (NQ6/NQ7)
F26	ABS PUMP	F26UA	60A	• K17 Electronic Brake Control Module
F27	ITBC	F27UA	30A	• K133 Trailer Brake Power Control module (Z82) • W24 Blunt Cut - Trailer Brakes Provision (Z82)
F28	REAR WNDW DEFOG	F28UA	40A	• F63UA • E18 Rear Defogger Grid (C49)
F29	EMPTY	F29UA	-	• Not Used
F30	HTD SEAT BATT 1	F30UA	15A	• K29 Seat Heating Control Module (KA1)
F31	EMPTY	F31UA	-	• Not Used
F32	HTD SEAT BATT 2	F32UA	15A	• K29 Seat Heating Control Module (KA1)
F33	BCM 3	F33UA	20A	• K9 Body Control Module
F34	ICCM	F34UA	10A	• K38 Chassis Control Module
F35	EMPTY	F35UA	-	• Not Used
F36	CHMSL	F36UA	10A	• KR41 Center High Mounted Stop Lamp Relay
F37	HI BEAM RT	F37UA	10A	• E4F Headlamp - Right High Beam
F38	HI BEAM LT	F38UA	10A	• E4E Headlamp - Left High Beam
F39	EMPTY	F39UA	-	• Not Used

No.	Device Label Name	Device Assigned Name	Rating	Description
F40	SCRPN	F40UA	5A	K115 Reductant Control Module
F41	GLOW PLUG MODULE	F41UA	60A	K20 Engine Control Module
F42	EMPTY	F42UA	-	Not Used
F43	COOL FAN	F43UA	60A	K22 Cooling Fan Control Module
F44	FUEL HTR	F44UA	40A	KR22 Fuel Heater Relay
F45	DIESEL EXH FLUID CNTRL	F45UA	30A	KR121A Reductant Control Module Relay 1
F46	COOL FAN CLTCH	F46UA	10A	KR20F Cooling Fan Relay
F47	HTR CRANKCASE VENTILATION	F47UA	7.5A	E45 Positive Crankcase Ventilation Heater
F48	FOG LAMPS	F48UA	15A	- E29LF Fog Lamp - Left Front (T3U) - E29RF Fog Lamp - Right Front (T3U)
F49	EMPTY	F49UA	-	Not Used
F50	TRLR PRK LAMPS	F50UA	20A	X88 Trailer Connector (Z82)
F51	HORN	F51UA	15A	P13 Horn Assembly
F52	EMPTY	F52UA	-	Not Used
F53	EMPTY	F53UA	-	Not Used
F54	EMPTY	F54UA	-	Not Used
F55	EMPTY	F55UA	-	Not Used
F56	WASH PUMP	F56UA	15A	G24 Windshield Washer Pump
F57	EMPTY	F57UA	-	Not Used
F58	EMPTY	F58UA	-	Not Used
F59	EMPTY	F59UA	-	Not Used
F60	MIR DEFOG	F60UA	7.5A	- E17D Outside Rearview Mirror Glass - Driver (DL9) - E17P Outside Rearview Mirror Glass - Passenger (DL9)
F61	EMPTY	F61UA	-	Not Used
F62	CNSTR VENT SOL	F62UA	10A	K115 Reductant Control Module
F63	EMPTY	F63UA	-	Not Used
F64	TRLR REV LAMP	F64UA	10A	KR61 Trailer Backup Lamps Relay
F65	TRLR STOP/TRN LAMP LT	F65UA	10A	X88 Trailer Connector (Z82)
F66	TRLR STOP/TRN LAMP RT	F66UA	10A	KR63R Trailer Stop/Turn Signal Lamp Relay - Right
F67	EPS	F67UA	15A	K43 Power Steering Control Module
F68	EMPTY	F68UA	-	Not Used
F69	RVC	F69UA	5A	K9 Body Control Module
F70	EMPTY	F70UA	-	Not Used
F71	EMPTY	F71UA	-	Not Used
F72	EMPTY	F72UB	-	Not Used
F73	EMPTY	F73UB	-	Not Used
F74	GEN	F74UB	200A	G13 Generator
F75	EMPTY	F75UB	-	Not Used

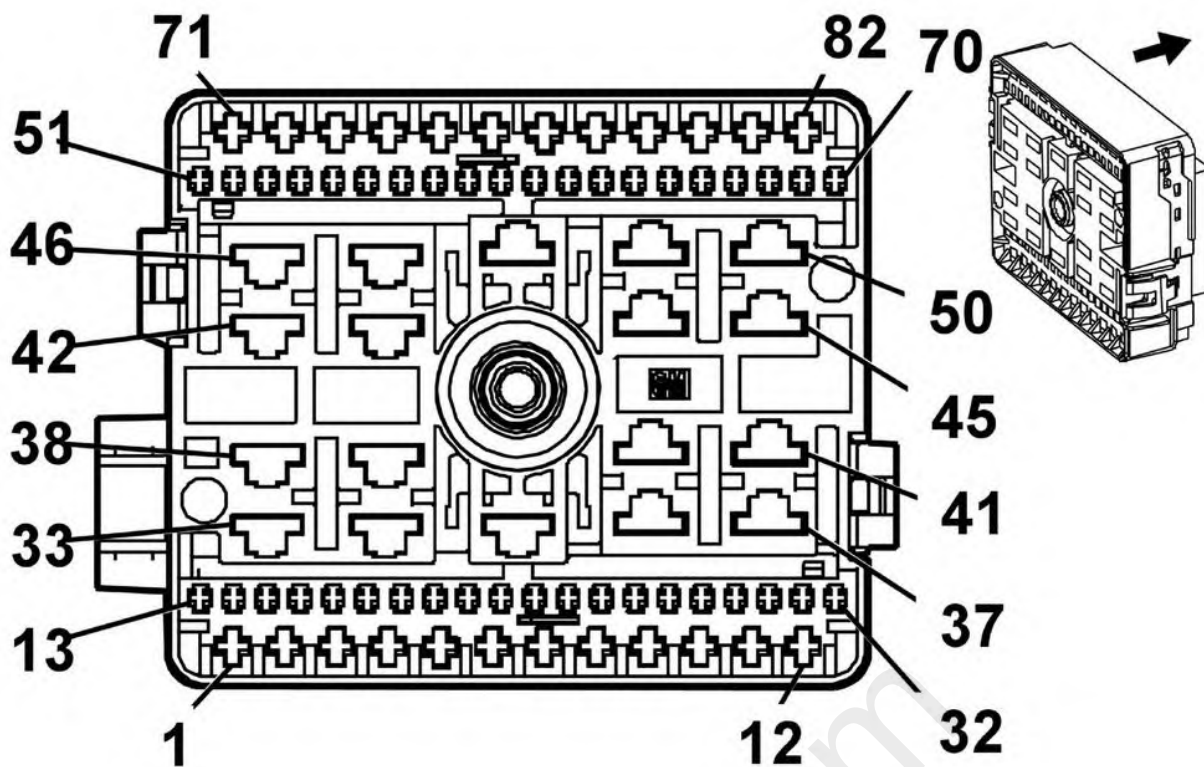
No. Relays	Device Label Name	Device Assigned Name	Rating	Description
K1	A/C CLTCH	KR29 A/C Compressor Clutch Relay	-	Q2 A/C Compressor Clutch
K2	STRTR	KR27 Starter Relay	-	M64 Starter Motor
K3	NOx SNSR-SCRPM	KR121B Reductant Control Module Relay 2	-	- F4UA - F44UA - B136 Exhaust Particulate Matter Sensor - 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 - 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
K15	RUN/CRNK	KR73 Ignition Main Relay	-	- F5UA - F13UA - F16UA - F17UA - F18UA - F19UA - F52UA - F53UA - F54UA - F57UA
K16	COOL FAN CLTCH	KR20F Cooling Fan Relay	-	K22 Cooling Fan Control Module
K17	REAR WNDW DEFOG	KR5 Rear Defogger Relay	-	- F28UA - F60UA - F63UA - 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
-	-	KR11 Windshield Washer Pump Relay	-	F56UA
-	-	KR46 Front Fog Lamp Relay	-	F48UA
-	-	KR48 Headlamp High Beam Relay	-	- F37UA - F38UA
-	-	KR61 Trailer Backup Lamps Relay	-	- P3 Backup Alarm (8S3) - X88 Trailer Connector (Z82)

No.	Device Label Name	Device Assigned Name	Rating	Description
-	-	KR63L Trailer Stop/Turn Signal Lamp Relay - Left	-	- F65UA - 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 - A23E Door Latch Assembly - Endage (A91)
Note: Items listed below are diagnostic testing points.				
TP19	-	TP19	-	Not Used
Note: Items listed below are Door Lock/Indicator system diagnostic testing points.				
TP18	CKT 3271	TP18	-	KR113 Child Security Lock Disable Relay
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



X50A FUSE BLOCK - UNDERHOOD X1



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13262028
- Service Connector: 13576528
- Description: 82-Way F 1.5, 2.8 DSQ, 800 Metri-Pack Series (BK)

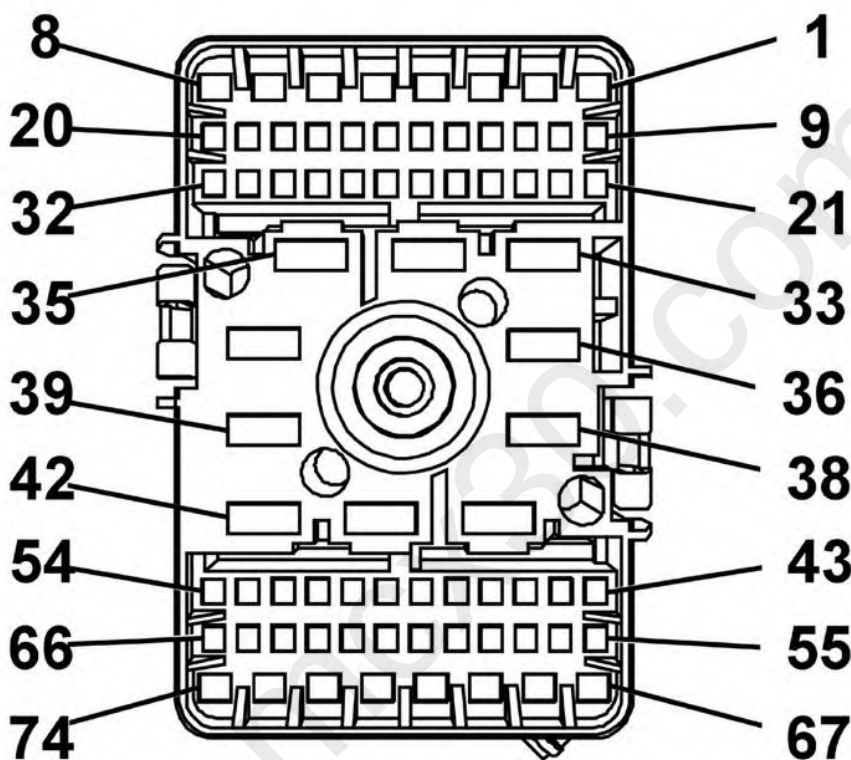
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13575490	J-35616-35 (VT)	J-38125-215A
II	13575774	J-35616-14 (GN)	J-38125-215A
III	13575780	J-35616-35 (VT)	J-38125-215A
IV	13575781	J-35616-35 (VT)	J-38125-215A
V	13579978	J-35616-44 (YE)	J-38125-558
VI	19366953	J-35616-44 (YE)	J-38125-558
VII	19367554	J-35616-44 (YE)	J-38125-558
VIII	19368323	J-35616-14 (GN)	J-38125-215A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	VT/BN	7258	Rear Differential Lock Actuator Control	III	-
2	1	VT/WH	7256	Front Differential Lock Actuator Control	III	-
3 - 7	-	-	-	Not Occupied	-	-
8	1.5	BN	2109	Trailer Park Lamp Control	IV	-
9 - 10	-	-	-	Not Occupied	-	-
11	0.75	BN/GY	29	Horn Control	III	-
12	-	-	-	Not Occupied	-	-
13	0.75	WH	311	Right Headlamp High Beam Control	II	-
14	0.5	WH	711	Left Headlamp High Beam Control	II	-
15 - 29	-	-	-	Not Occupied	-	-
30	0.75	GY/VT	228	Windshield Washer Pump Control	II	-
31	0.75	BN/VT	2234	Front Fog Lamp Control 2	II	-
32 - 34	-	-	-	Not Occupied	-	-
35	6	RD/GY	4840	Secondary Fused Battery Positive Voltage 48	VI	-
36 - 37	-	-	-	Not Occupied	-	-
38	4	BN/BU	104	Glow Plug Control	VI	-
39 - 40	-	-	-	Not Occupied	-	-
41	1.5	GN/BU	3889	Powertrain Sensor Bus Relay Control	V	-
42 - 48	-	-	-	Not Occupied	-	-
49	2.5	BU/GN	7071	Fuel Heater Control	VII	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
50	2.5 4	BN/VT BU	1470 3921	Brake Booster Pump Motor Control	VII VI	LGZ LWN
51	-	-	-	Not Occupied	-	-
52	0.5	BU/WH	7120	Rear Axle Differential Lock Control	II	-
53 - 67	-	-	-	Not Occupied	-	-
68	1.5	GN/BU	3889	Powertrain Sensor Bus Relay Control	VIII	-
69	0.5	WH/VT	4333	Active Grille Air Shutter Actuator Control	II	-
70	-	-	-	Not Occupied	-	-
71	0.75	BK	1150	Ground 11	III	-
72	1.5	WH	92	Windshield Wiper Motor High Speed Control	IV	-
73	1.5	YE/BN	95	Windshield Wiper Motor Low Speed Control	IV	-
74	1.5	BK	3150	Ground 31	IV	-
75	0.35	VT/GY	1054	Stop Lamp Control 2	I	-
76 - 79	-	-	-	Not Occupied	-	-
80	0.75	WH/VT	1430	Exterior Courtesy Lamp Control	III	-
81 - 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, 800 Metri-Pack Series (BK)

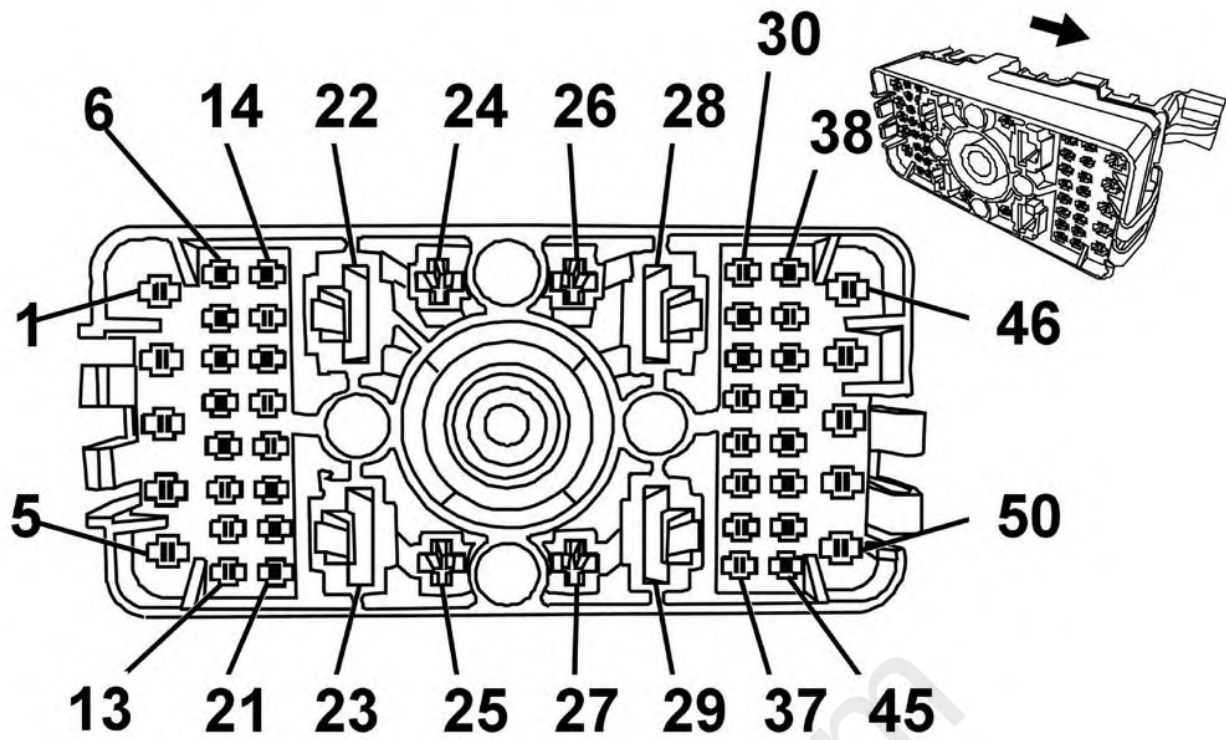
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13327116	J-35616-35 (VT)	J-38125-215A
II	13575541	J-35616-35 (VT)	J-38125-215A
III	13575774	J-35616-14 (GN)	J-38125-215A
IV	13575774	J-35616-2A (GY)	J-38125-215A
V	13575781	J-35616-35 (VT)	J-38125-215A
VI	19366953	J-35616-44 (YE)	J-38125-558
VII	19367554	J-35616-44 (YE)	J-38125-558
VIII	19368323	J-35616-14 (GN)	J-38125-215A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	WH/BK	7254	Front Differential Lock Actuator Low Control	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
2	1.5	BK	3950	Ground 39	V	-
3	1	GY/BK	7253	Rear Differential Lock Actuator Low Control	II	-
4	1.5 0.75	GY	295	Door Lock Actuator Lock Control	V	CREW CAB EXTENDED CAB
		GY	5911	Door Lock Actuator Lock Control 2	I	
5	1.5	WH/BU	3266	Child Security Lock Motor Lock Control	V	-
6	2.5	GY	120	Fuel Pump Control	V	-
7 - 10	-	-	-	Not Occupied	-	-
11	0.5	GN/BK	7118	Front Axle Differential Lock Low Reference	IV	-
12	1.5	GY/GN	3271	Door Lock Control 2	VIII	-
13	0.5	VT/YE	3267	Child Security Lock Relay Control	IV	-
14	0.75	VT/BK	2139	Run/Crank Ignition 1 Voltage 21	III	-
15 - 16	-	-	-	Not Occupied	-	-
17	0.5	GN/VT	5199	Run/Crank Relay Coil Control	IV	-
18	-	-	-	Not Occupied	-	-
19	0.5	BN/WH	1317	Fog Lamp Relay Control	IV	-
20	0.5	VT/BK	7121	Rear Axle Differential Lock Low Reference	IV	-
21	-	-	-	Not Occupied	-	-
22	0.5	GY	91	Windshield Wiper Motor Relay Coil Control	IV	-
23	-	-	-	Not Occupied	-	-
24	0.5	BU	45	Park Lamp Relay Control	IV	-
25	0.5	BN/WH	28	Horn Relay Control	IV	-
26 - 29	-	-	-	Not Occupied	-	-
30	0.75	GN	1619	Right Rear Trailer Stop/Turn Lamp Control	III	-
31 - 32	-	-	-	Not Occupied	-	-
33	2.5	RD/VT	542	Primary Fused Battery Positive Voltage 5	VII	-
34	2.5	RD/YE	442	Primary Fused Battery Positive Voltage 4	VII	-
35	-	-	-	Not Occupied	-	-
36	4	OG	742	Primary Fused Battery Positive Voltage 7	VI	-
37 - 38	-	-	-	Not Occupied	-	-
39	2.5	BN/VT	293	Rear Defogger Grid Control	VII	-
40	2.5	RD/GY	1342	Primary Fused Battery Positive Voltage 13	VII	-
41	4	RD/GY	1042	Primary Fused Battery Positive Voltage 10	VI	-
42	2.5	RD/GN	242	Primary Fused Battery Positive Voltage 2	VII	-
43	0.5	BK	3150	Ground 31	IV	-
44	-	-	-	Not Occupied	-	-
45	0.5	WH/VT	860	Windshield Wiper Switch High Signal	IV	-
46	0.5	VT/WH	5065	Stop Lamp Relay Coil Control	IV	-
47	0.5	BN/WH	1429	Standing Lamp Relay Control	IV	-
48	0.5	BU/BN	38	Backup Lamp Relay Control	IV	-
49	0.5	BU/WH	5186	Left Trailer Turn Signal Lamp Control	IV	-
50	-	-	-	Not Occupied	-	-
51	0.75	YE	1618	Left Rear Trailer Stop/Turn Lamp Control	III	-
52	0.75	GY	1624	Trailer Backup Lamp Control	III	-
53 - 55	-	-	-	Not Occupied	-	-
56	0.75	RD/GN	5140	Secondary Fused Battery Positive Voltage 51	III	-
57	-	-	-	Not Occupied	-	-
58	0.5	BN/VT	1969	Headlamp High Beam Relay Control	IV	-
59	0.5	YE/GY	5187	Right Trailer Turn Signal Lamp Control	IV	-
60	0.5	BN/GY	2268	Windshield Washer Relay Control	IV	-
61	0.5	BN/VT	193	Rear Defogger Relay Control	IV	-
62	0.5	BN/YE	2267	Outside Rearview Mirror Heater Control	IV	-
63 - 67	-	-	-	Not Occupied	-	-
68	0.75	RD/GN	6140	Secondary Fused Battery Positive Voltage 61	II	-
69	2.5	RD/YE	2340	Secondary Fused Battery Positive Voltage 23	V	-
70	2.5	RD/VT	1940	Secondary Fused Battery Positive Voltage 19	V	-
71	2.5	RD/VT	1940	Secondary Fused Battery Positive Voltage 19	V	-
72	0.75	RD/BN	440	Secondary Fused Battery Positive Voltage 4	II	-
73	0.5	RD/GN	2440	Secondary Fused Battery Positive Voltage 24	II	-
74	0.5	RD/BN	5940	Secondary Fused Battery Positive Voltage 59	II	-

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, 800 Metri-Pack Series (BK)

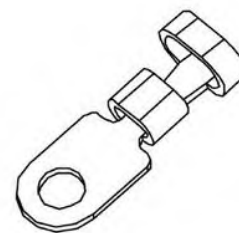
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	13327116	J-35616-35 (VT)	J-38125-215A
II	13575541	J-35616-35 (VT)	J-38125-215A
III	13575774	J-35616-14 (GN)	J-38125-215A
IV	13575774	J-35616-2A (GY)	J-38125-215A
V	13575781	J-35616-35 (VT)	J-38125-215A
VI	19368323	J-35616-14 (GN)	J-38125-215A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	1	VT/BU	5290	Powertrain Main Relay Fused Supply 1	I	LCV
	2	VT/BU	5290	Powertrain Main Relay Fused Supply 1	V	LGZ
	2.5	VT/BU	5290	Powertrain Main Relay Fused Supply 1	V	LWN
2	0.75	VT/BU	5291	Powertrain Main Relay Fused Supply 2	II	-
3	0.75	VT/BU	5292	Powertrain Main Relay Fused Supply 3	II	LGZ
	1.5	VT/BU	5292	Powertrain Main Relay Fused Supply 3	V	LWN
	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage 21	II	-
5	2	YE	6	Starter Solenoid Actuator Crank Ignition Voltage	V	LCV
	2.5	YE	6	Starter Solenoid Actuator Crank Ignition Voltage	V	LGZ/LWN
6	0.5	VT/BU	5293	Powertrain Main Relay Fused Supply 4	IV	-
7	0.75	VT/BU	5294	Powertrain Main Relay Fused Supply 5	III	-
8	-	-	-	Not Occupied	-	-
9	0.5	GN/GY	465	Fuel Pump Primary Relay Control	IV	-
10	-	-	-	Not Occupied	-	-
11	0.5	VT/GY	6386	-	IV	LCV/LWN
	0.5	YE/BK	625	Starter Enable Relay Control	IV	LGZ
12	0.5	WH/BK	2366	Cooling Fan Speed Control Signal	IV	-
13	0.75	BK/WH	151	Ground 1	III	-
14	-	-	-	Not Occupied	-	-
15	0.5	BN	6305	Brake Vacuum Switch Signal	IV	LGZ
	0.5	GN/BU	3889	Powertrain Sensor Bus Relay Control	IV	LWN
16	-	-	-	Not Occupied	-	-
17	0.5	YE	5991	Powertrain Relay Coil Control	IV	-
18 - 19	-	-	-	Not Occupied	-	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
20	0.75 1	VT/GY VT/GY	139 139	Run/Crank Ignition 1 Voltage 1 Run/Crank Ignition 1 Voltage 1	III III	LCV/LGZ LWN
21	0.5 0.5	BK BK	1450 1450	Ground 14 Ground 14	III IV	LCV/LGZ LWN
22 - 26	-	-	-	Not Occupied	-	-
27	0.5	RD/WH	140	Secondary Fused Battery Positive Voltage 1	II	-
28 - 29	-	-	-	Not Occupied	-	-
30	0.5 0.5	VT/BU WH	5290 2368	Powertrain Main Relay Fused Supply 1 Cooling Fan Control	IV IV	LCV/LGZ LWN
31 - 32	-	-	-	Not Occupied	-	-
33	0.5	VT/GN	4320	Selective Catalytic Reduction Power Module Wake-Up Signal	IV	-
34	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	IV	-
35	1.5	VT/BU	3674	NOx Sensor 1 Control	VI	-
36	-	-	-	Not Occupied	-	-
37	0.75	RD/GN	1840	Secondary Fused Battery Positive Voltage 18	III	-
38 - 39	-	-	-	Not Occupied	-	-
40	0.5	BU	3017	Fuel Heater Relay 1 Control	IV	-
41 - 45	-	-	-	Not Occupied	-	-
46	0.5	BU/BK	7116	Front Axle Differential Lock Control	II	-
47 - 48	-	-	-	Not Occupied	-	-
49	0.5	GN/BU	3889	Powertrain Sensor Bus Relay Control	II	-
50	0.75	BN/GN	59	A/C Compressor Clutch Control	II	-

X50A FUSE BLOCK - UNDERHOOD X4



Connector Part Information

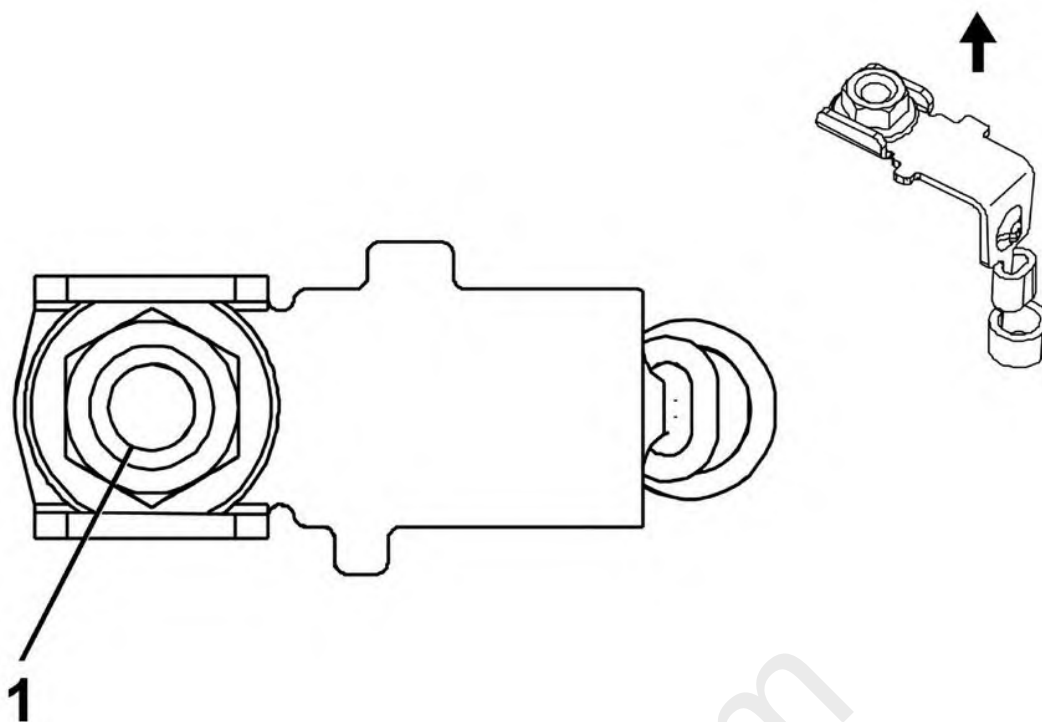
- Harness Type: Power Supply Cable
- OEM Connector: 15327720
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	Not Available	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	-	RD/WH	4042	Primary Fused Battery Positive Voltage 40	I	-

X50A FUSE BLOCK - UNDERHOOD X5 (LCV)



Connector Part Information

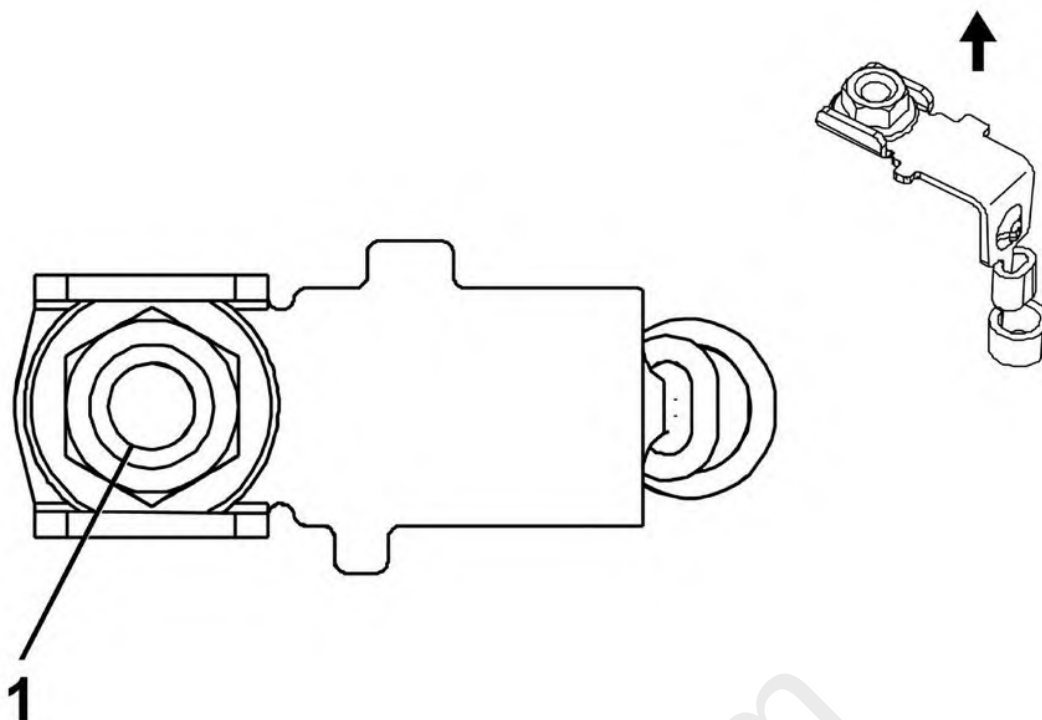
- Harness Type: Starter Cable
- OEM Connector: 1193803
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	25	RD/YE	2	Battery Positive Voltage	I	-

X50A FUSE BLOCK - UNDERHOOD X5 (LWN)



Connector Part Information

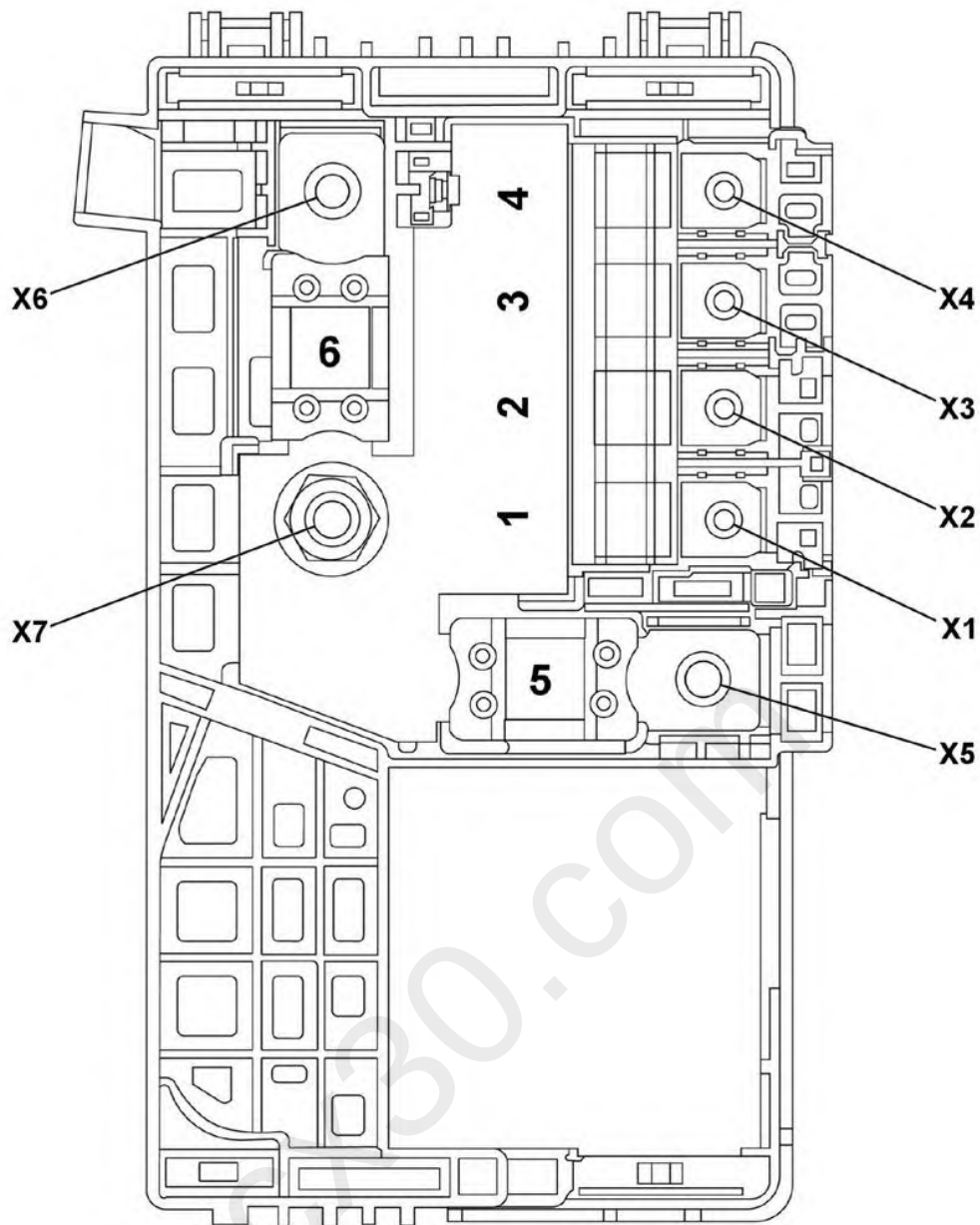
- Harness Type: Generator Cable
- OEM Connector: 1193803
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	25	RD/YE	2	Battery Positive Voltage	I	-

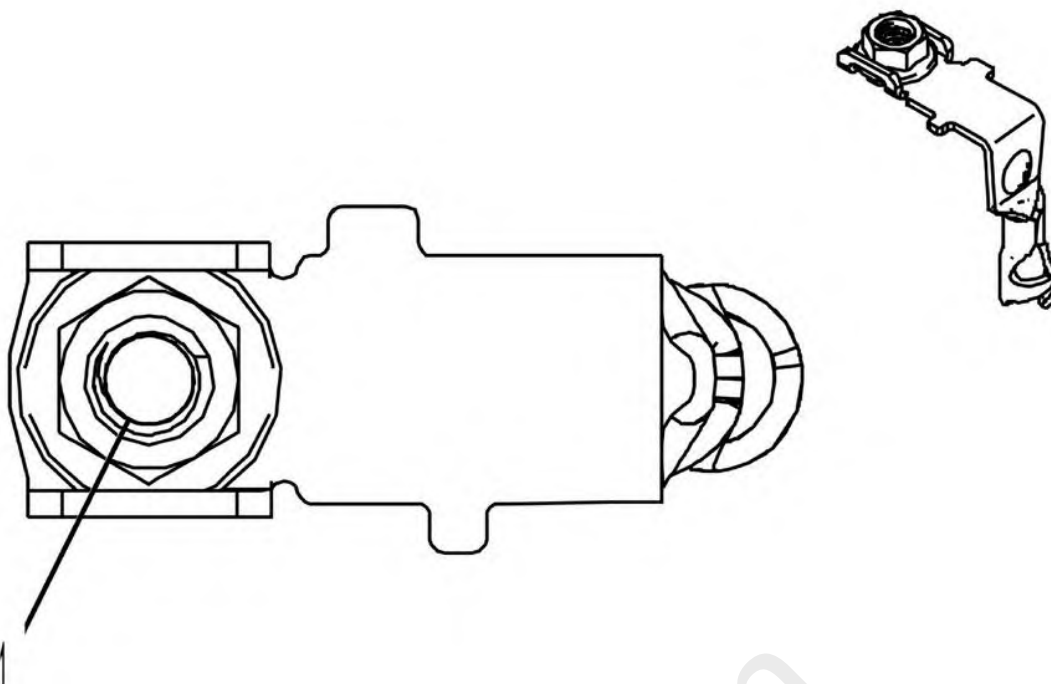
X50D FUSE BLOCK - BATTERY TOP VIEW



Usage Table

No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
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

X50D FUSE BLOCK - BATTERY X1



Connector Part Information

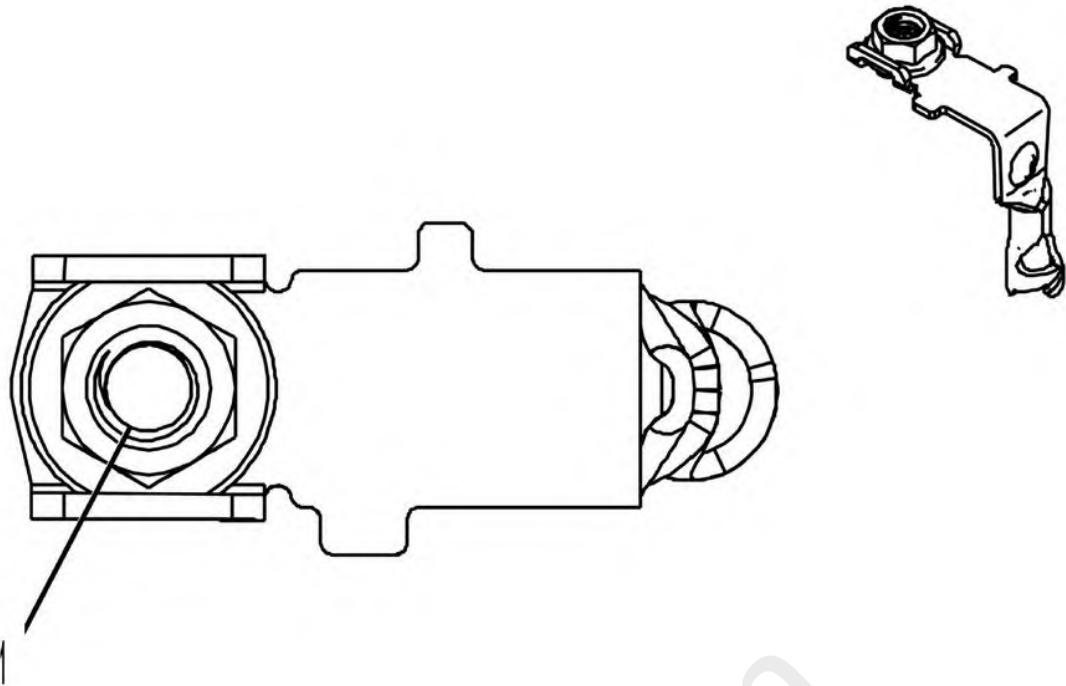
- Harness Type: Battery Cable
- OEM Connector: 13869257
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/VT	842	Primary Fused Battery Positive Voltage 8	I	-

X50D FUSE BLOCK - BATTERY X2



Connector Part Information

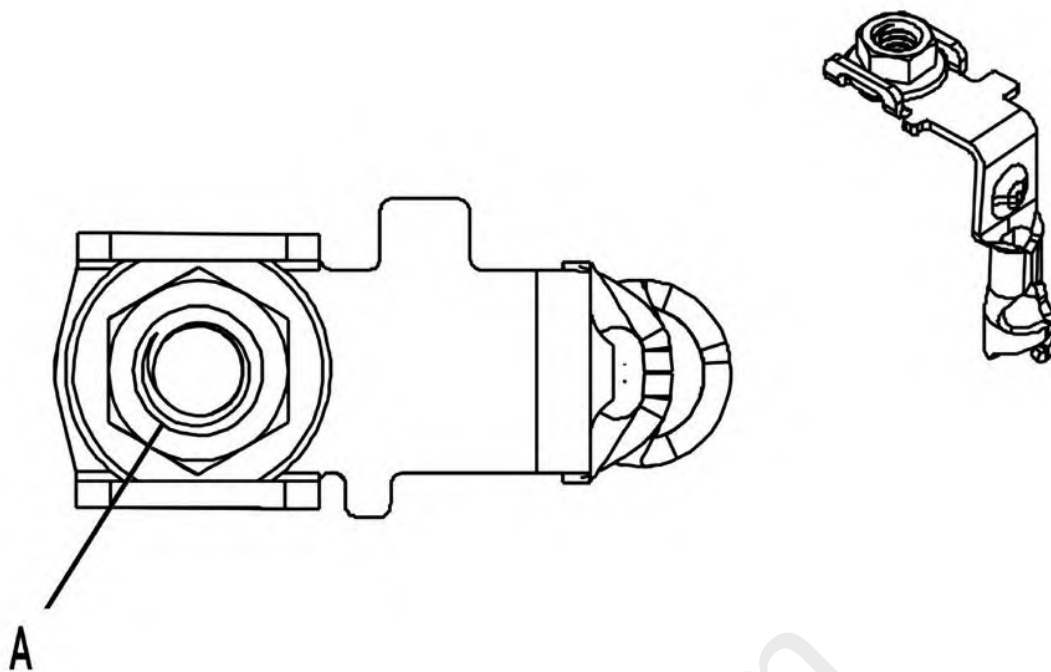
- Harness Type: Body
- OEM Connector: 13869259
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/BU	42	Primary Fused Battery Positive Voltage	I	-

X50D FUSE BLOCK - BATTERY X3



Connector Part Information

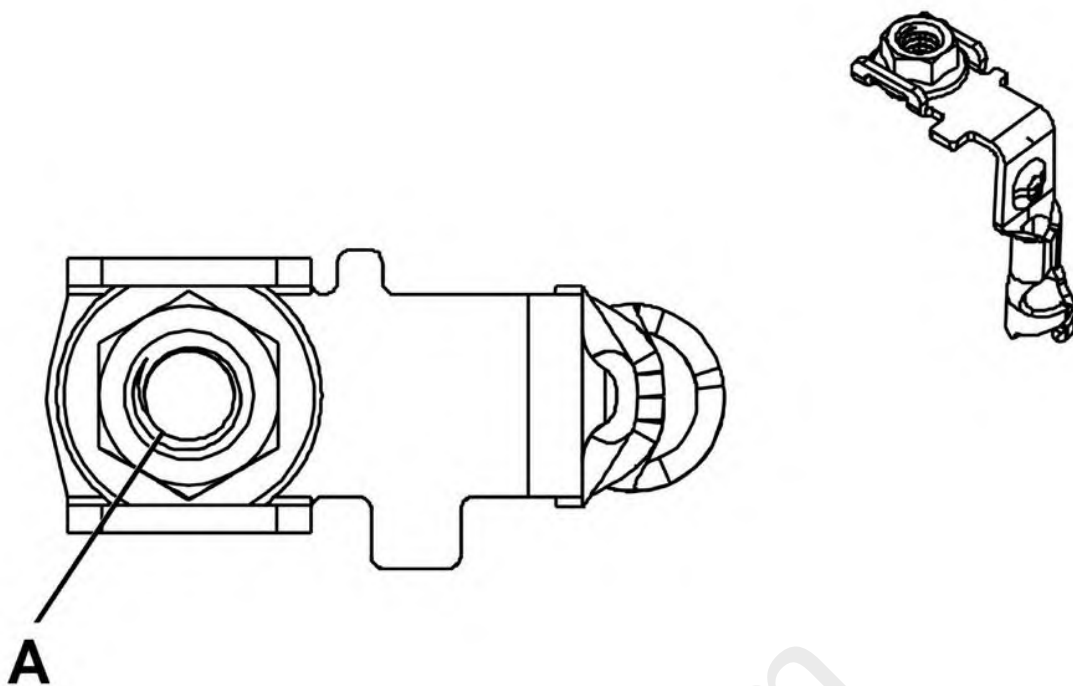
- Harness Type: Body
- OEM Connector: 13869260
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	10	RD/VT	842	Primary Fused Battery Positive Voltage 8	I	-

X50D FUSE BLOCK - BATTERY X4 (LGZ)



Connector Part Information

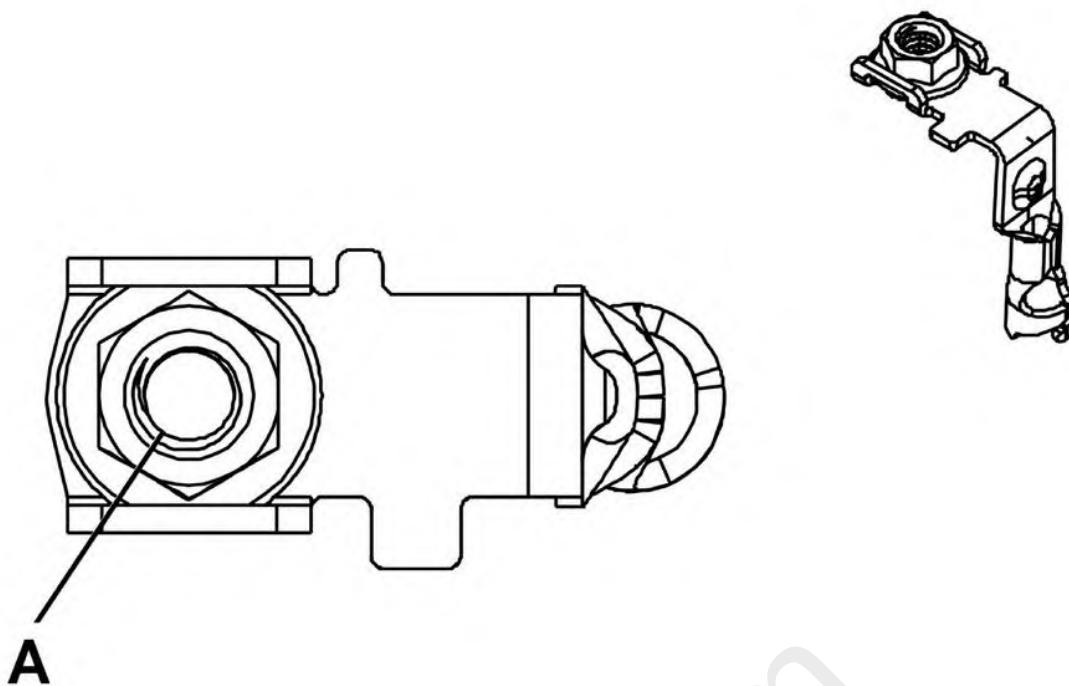
- Harness Type: Forward Lamp
- OEM Connector: 13869288
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	10	RD/GY	4840	Secondary Fused Battery Positive Voltage 48	I	-

X50D FUSE BLOCK - BATTERY X4 (LWN)



Connector Part Information

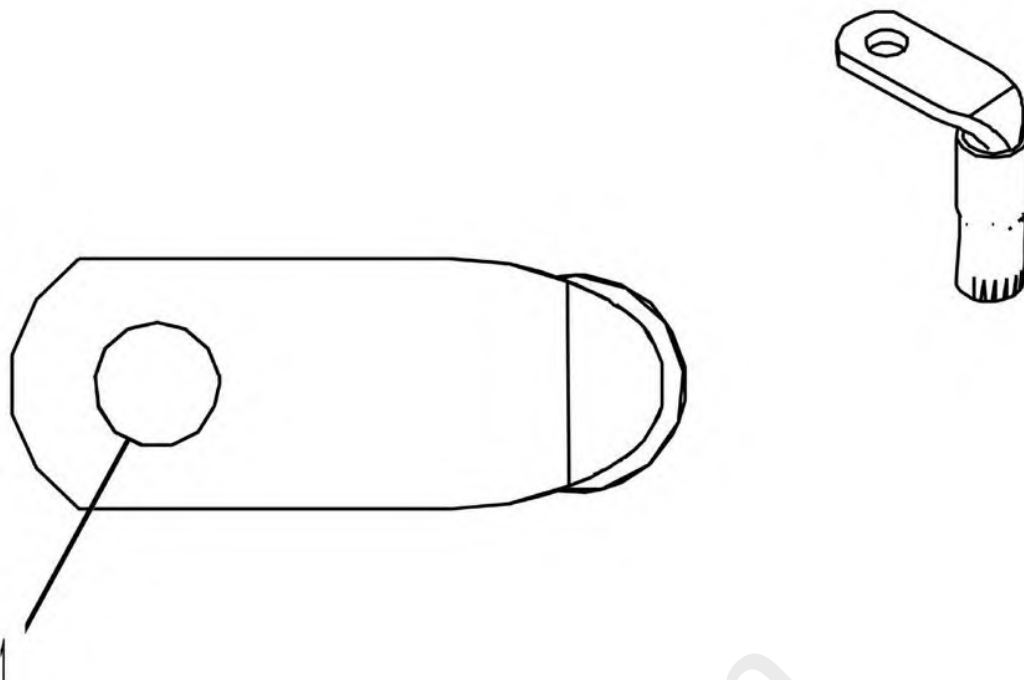
- Harness Type: Body
- OEM Connector: 13869288
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	10	RD/GY	4840	Secondary Fused Battery Positive Voltage 48	I	-

X50D FUSE BLOCK - BATTERY X5



Connector Part Information

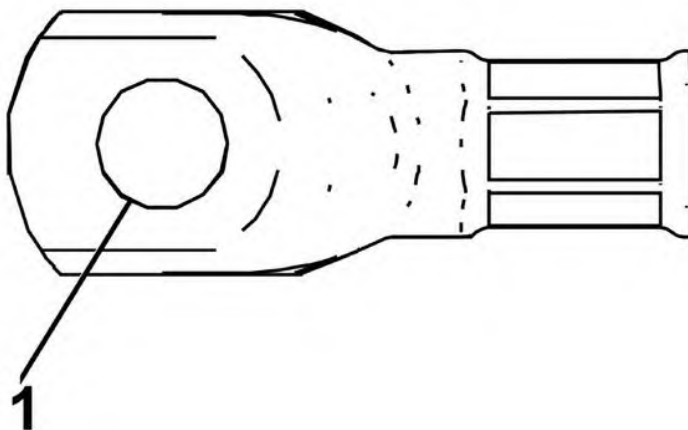
- Harness Type: Power Supply Cable
- OEM Connector: 13644223
- Service Connector: Service by Harness - See Part Catalog
- Description: 1-Way

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	Not Available	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	-	RD/WH	4042	Primary Fused Battery Positive Voltage 40	I	-

X50D FUSE BLOCK - BATTERY X6A (LCV)



Connector Part Information

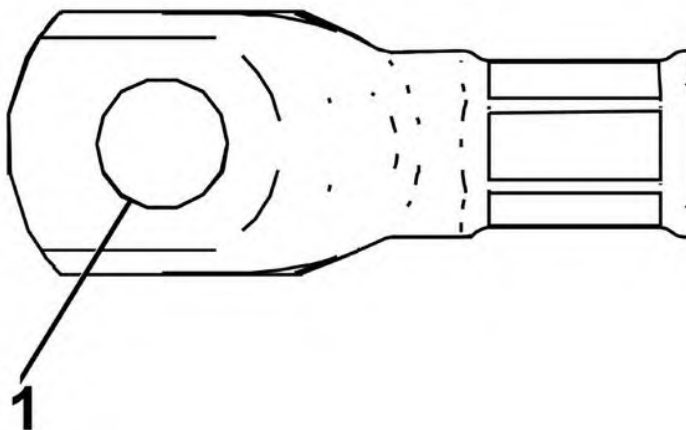
- Harness Type: Starter Cable
- OEM Connector: 10730988
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

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

X50D FUSE BLOCK - BATTERY X6 (LGZ)



Connector Part Information

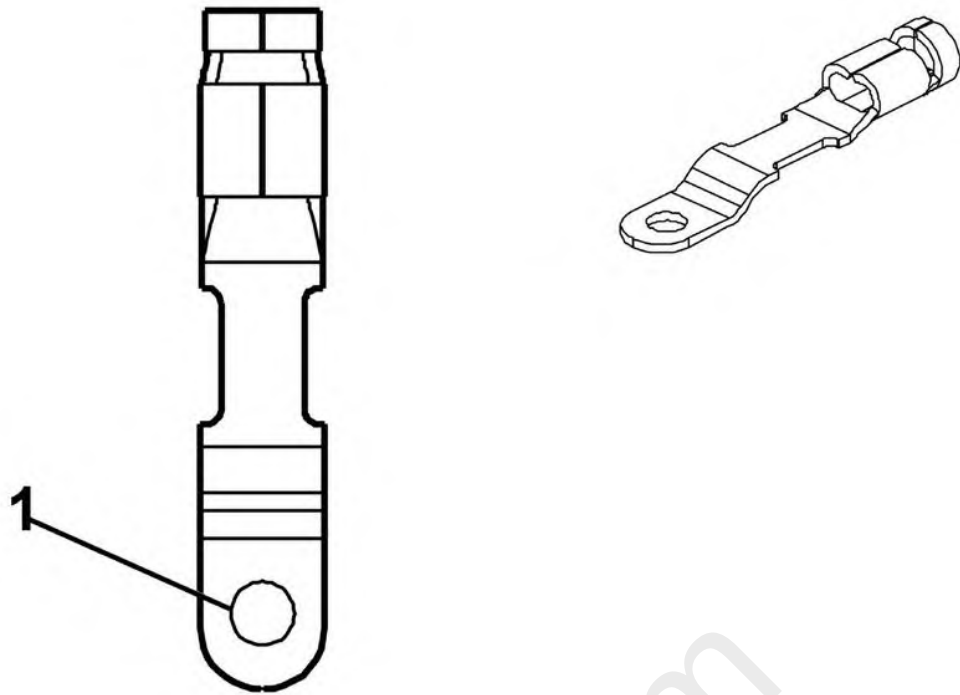
- Harness Type: Starter Cable
- OEM Connector: 10730988
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

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

X50D FUSE BLOCK - BATTERY X6 (LWN)



Connector Part Information

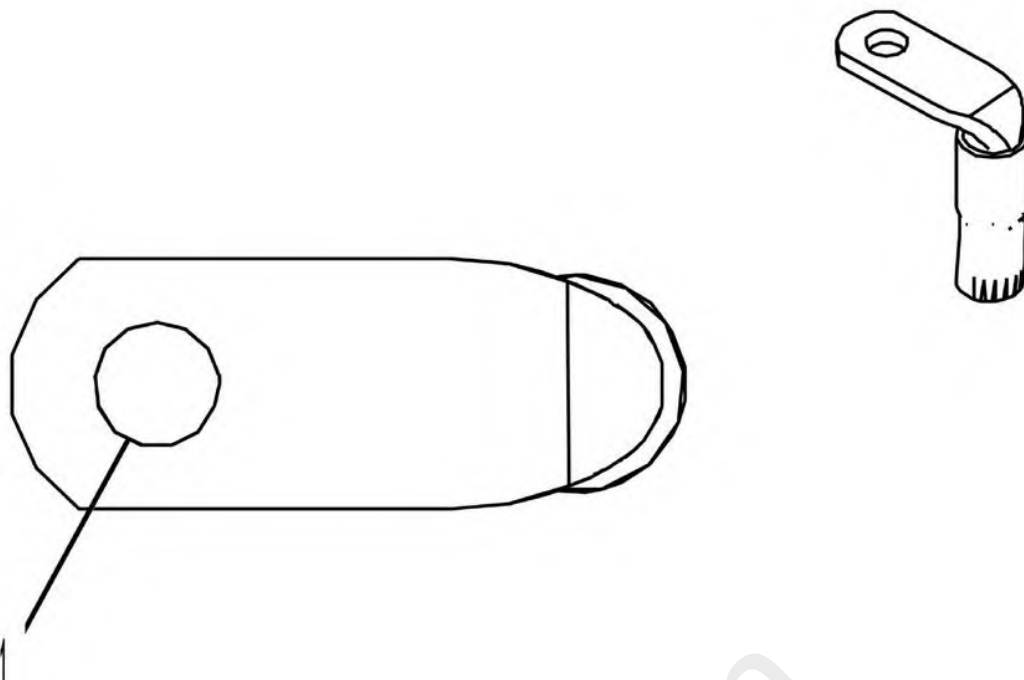
- Harness Type: Starter Cable
- OEM Connector: AXZ47063
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	50	RD/YE	2	Battery Positive Voltage	I	-

X50D FUSE BLOCK - BATTERY X7



Connector Part Information

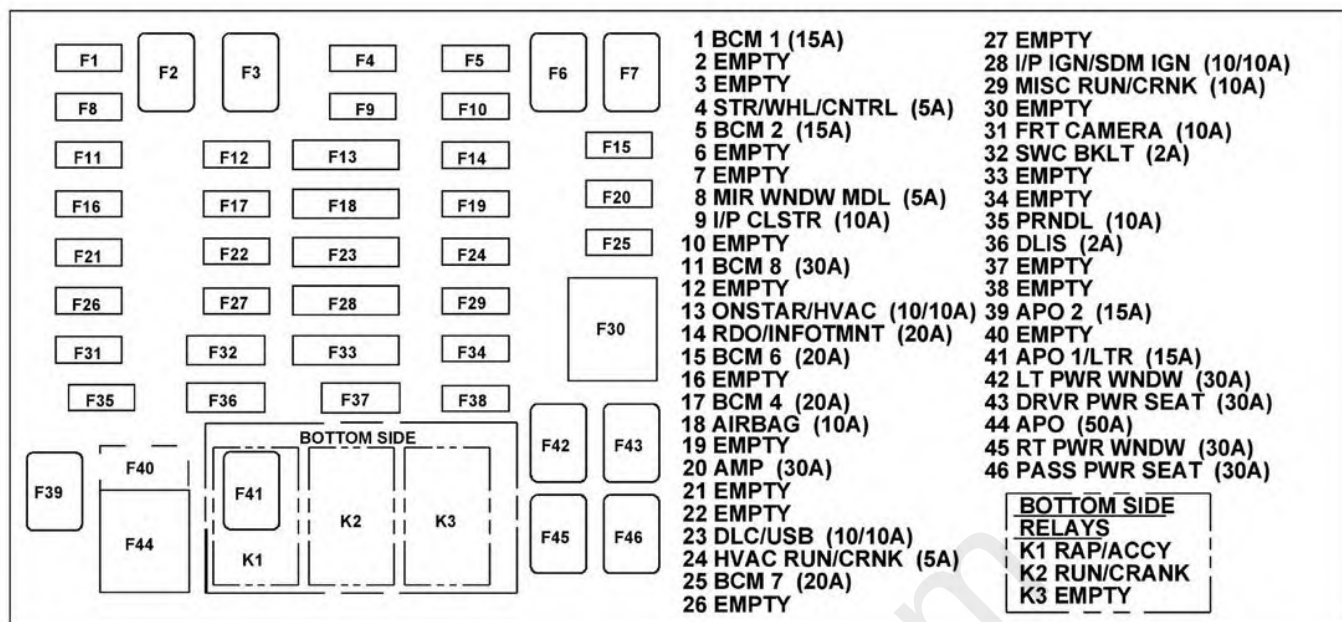
- Harness Type: Battery Cable Positive
- OEM Connector: 13644223
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal

Terminal Part Information

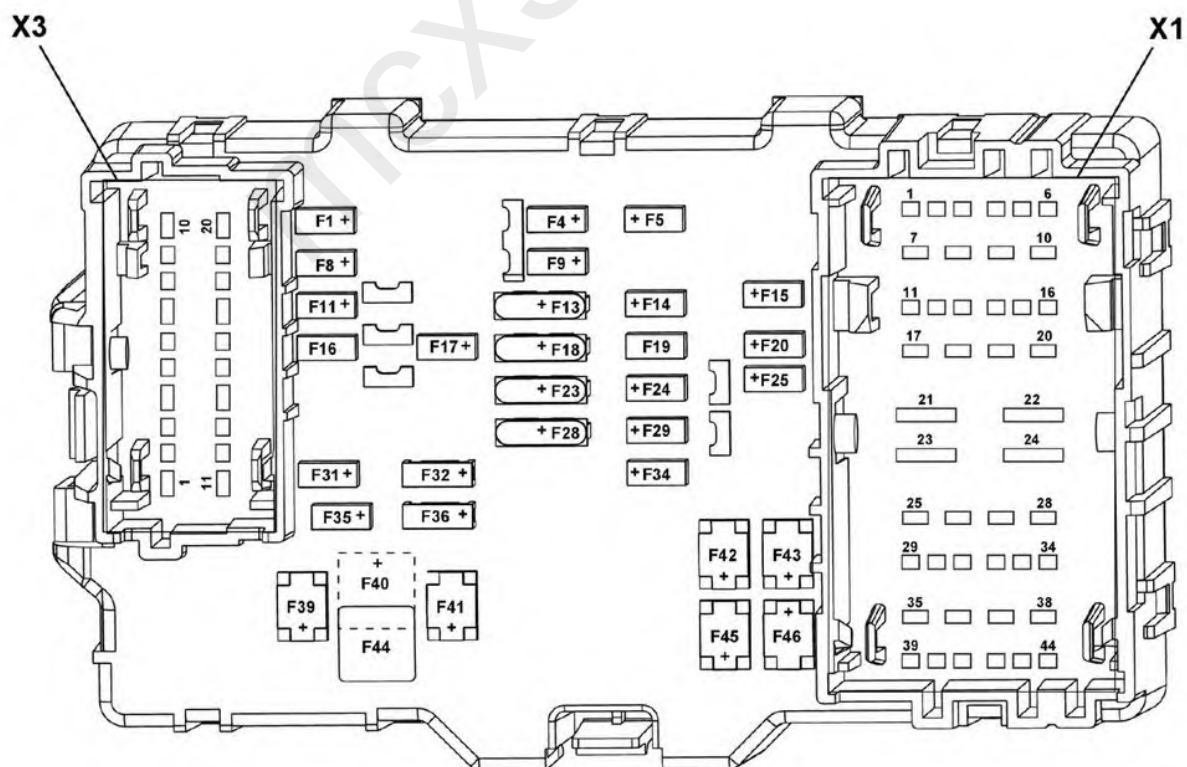
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	Not Required	No Tool Required	No Tool Required

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

X51A FUSE BLOCK - INSTRUMENT PANEL LABEL



X51A FUSE BLOCK - INSTRUMENT PANEL TOP VIEW FUSES

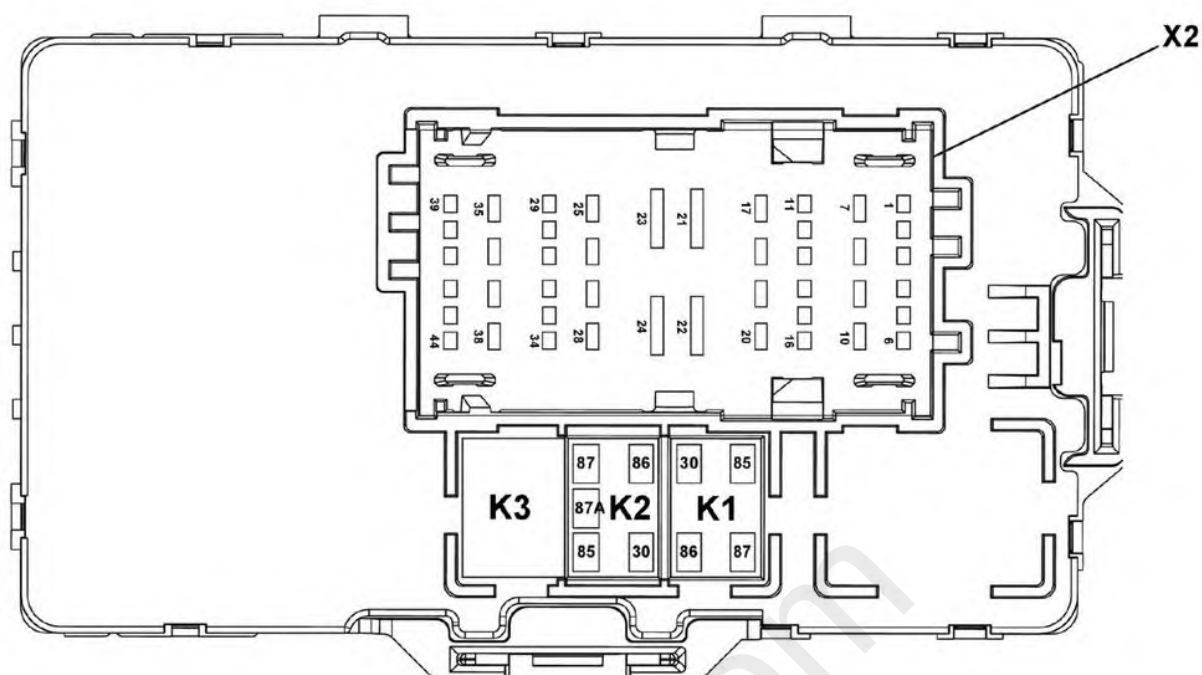


Usage Table

No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
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
F15	BCM 6	F15DA	20A	K9 Body Control Module
F16	EMPTY	F16DA	-	K56 Serial Data Gateway Module
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 - X92C USB Receptacle - Center Console 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
F28	I/P IGN/SDM IGN	F28DA	10A	- P14 Passenger Air Bag Disabled Indicator - P16 Instrument Cluster - and P43 Collision Alert Indicators (UEU)

No.	Device Label Name	Device Assigned Name	Rating	Description
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	- B174W Frontview Camera - Windshield - K182 Parking Assist Control Module
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	HTD STR WHL/SPARE	F33DA	7.5A	K32 Steering Wheel Heating Control Module
F34	EMPTY Vent Seat FRT	F34DA	15A	- M37A Seat Blower Motor - Driver Back - M37B Seat Blower Motor - Passenger back - M73C Seat Blower Motor - Driver Cushion - M73D Seat Blower Motor - Passenger Cushion
F35	PRNDL	F35DA	10A	- P2 Transmission Shift Lever Position Indicator (MYB) - T22 Mobile Device Wireless Charger Module
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	APO	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)

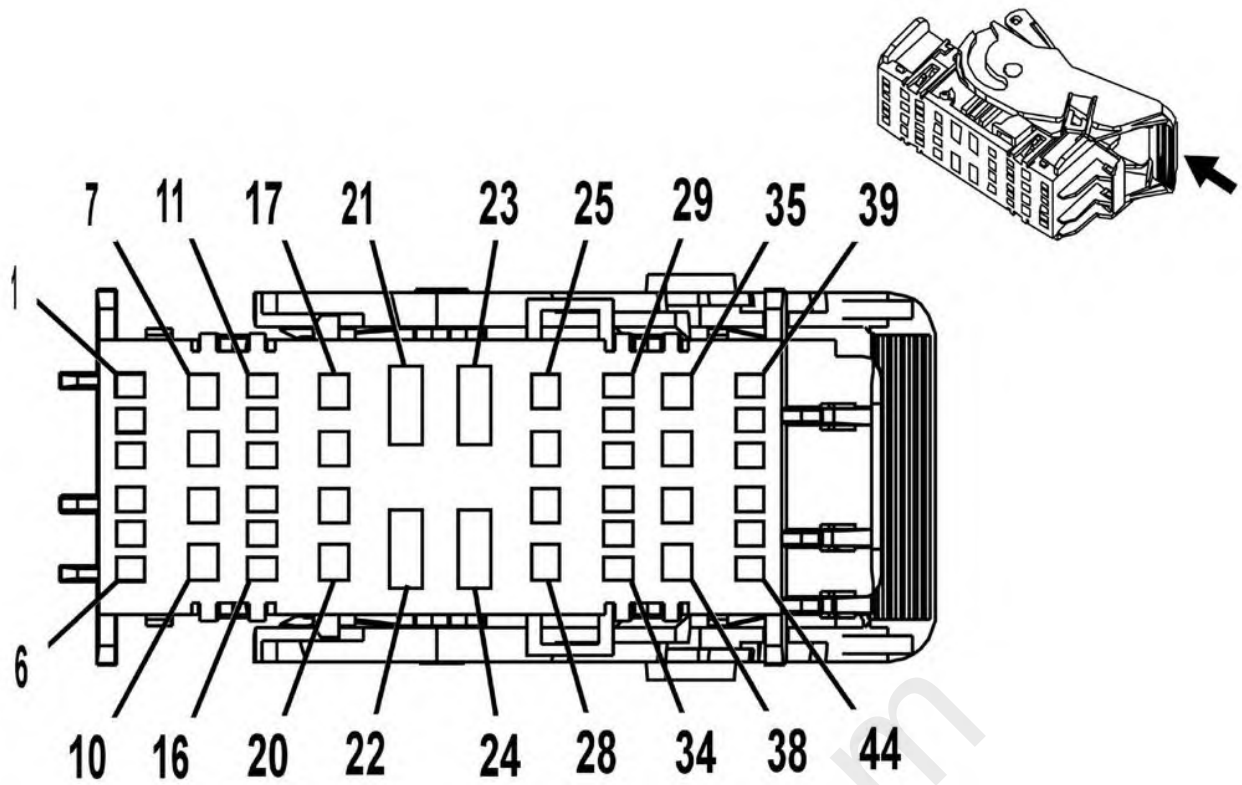
X51A FUSE BLOCK - INSTRUMENT PANEL BOTTOM VIEW RELAYS



Usage Table

No.	Device Label Name	Device Assigned Name	Rating	Description
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



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)

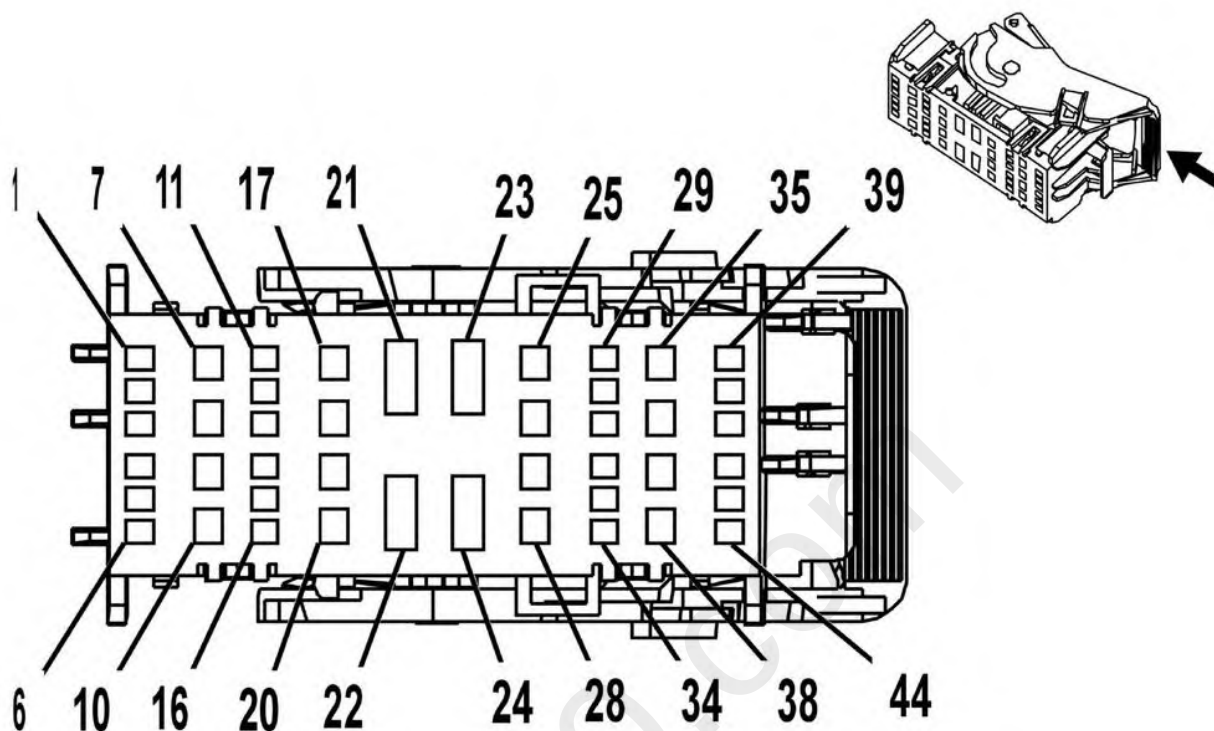
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	19301751	J-35616-2A (GY)	J-38125-215A
II	19301752	J-35616-4A (PU)	J-38125-215A
III	Not Required	J-35616-44 (YE)	No Tool Required

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.75	RD/BN	2240	Secondary Fused Battery Positive Voltage 22	I	-
2	0.5	RD/GY	2840	Secondary Fused Battery Positive Voltage 28	I	-
3	0.35	RD/YE	3040	Secondary Fused Battery Positive Voltage 30	I	-
4	0.5	RD/WH	2040	Secondary Fused Battery Positive Voltage 20	I	-
5	0.5	RD/GN	4440	Secondary Fused Battery Positive Voltage 44	I	-
6 - 13	-	-	-	Not Occupied	-	-
14	0.5	RD/BU	3240	Secondary Fused Battery Positive Voltage 32	I	-
15	-	-	-	Not Occupied	-	-
16	0.35	RD/VT	1940	Secondary Fused Battery Positive Voltage 19	I	-
17	2.5	RD/YE	3740	Secondary Fused Battery Positive Voltage 37	II	-
18	1.5	RD/WH	2740	Secondary Fused Battery Positive Voltage 27	II	-
19	1.5	RD/VT	2640	Secondary Fused Battery Positive Voltage 26	II	-
20	-	-	-	Not Occupied	-	-
21	10	RD/VT	842	Primary Fused Battery Positive Voltage 8	III	-
22	-	-	-	Not Occupied	-	-
23	10	RD/BU	42	Primary Fused Battery Positive Voltage	III	-
24	-	-	-	Not Occupied	-	-
25	2.5	RD/BU	1240	Secondary Fused Battery Positive Voltage 12	II	-
26	-	-	-	Not Occupied	-	-
27	2.5	RD/YE	5040	Secondary Fused Battery Positive Voltage 50	II	-
28 - 29	-	-	-	Not Occupied	-	-
30	0.75	VT/BK	1239	Run/Crank Ignition 1 Voltage 12	I	-
31	-	-	-	Not Occupied	-	-
32	0.35	VT/GN	1739	Run/Crank Ignition 1 Voltage 17	I	-
33 - 34	-	-	-	Not Occupied	-	-
35	2.5	RD/WH	1340	Secondary Fused Battery Positive Voltage 13	II	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
36	2.5	RD/BN	1440	Secondary Fused Battery Positive Voltage 14	II	-
37 - 41	-	-	-	Not Occupied	-	-
42	0.35	GN/VT	5199	Run/Crank Relay Coil Control	I	-
43	0.35	GY/VT	755	Retained Accessory Power Relay Coil Control	I	-
44	0.35	VT	801	Retained Accessory Power Control	I	-

X51A FUSE BLOCK - INSTRUMENT PANEL X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 13967688
- Service Connector: 19329456
- Description: 44-Way F 1.5, 2.8, 800 Metri-Pack Series (GY)

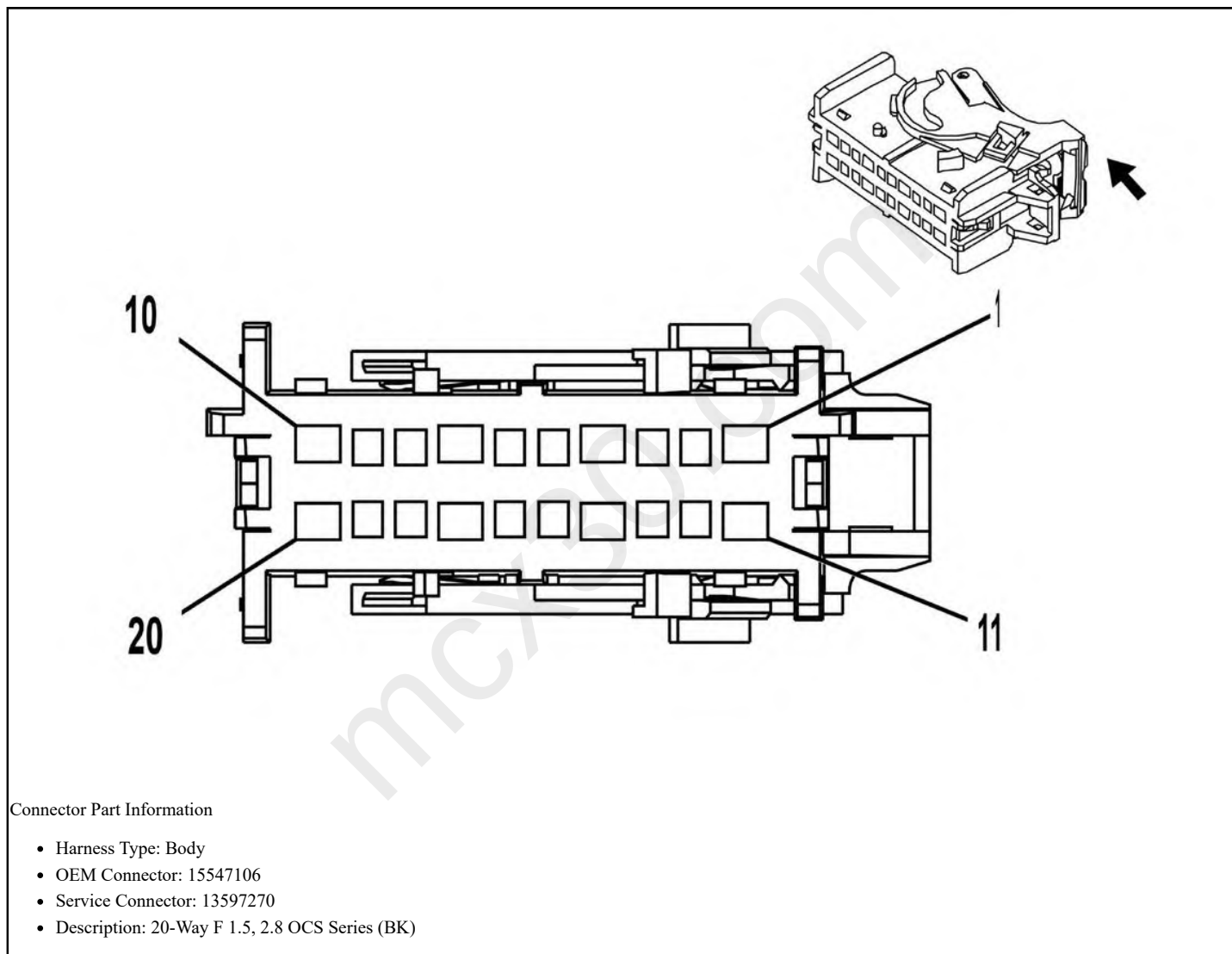
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool
I	19300649	J-35616-4A (PU)	J-38125-215A
II	19301751	J-35616-2A (GY)	J-38125-215A
III	19301752	J-35616-4A (PU)	J-38125-215A
IV	19301761	J-35616-4A (PU)	J-38125-215A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 2	-	-	-	Not Occupied	-	-
3	0.35	YE	6817	LED Backlight Dimming Control 1	II	-
4	0.35	BN	6136	Control	II	-
5	0.5	RD/BU	540	Secondary Fused Battery Positive Voltage 5	II	-
6	-	-	-	Not Occupied	-	-
7	2.5	RD/VT	4040	Secondary Fused Battery Positive Voltage 40	III	-
8	0.35	RD/WH	6440	Secondary Fused Battery Positive Voltage 64	I	-
9	-	-	-	Not Occupied	-	-
10	1.5	VT	2101	Retained Accessory Power Control 5	III	-
11 - 13	-	-	-	Not Occupied	-	-
14	0.5	RD/VT	340	Secondary Fused Battery Positive Voltage 3	II	-
15	0.5	VT/WH	1139	Run/Crank Ignition 1 Voltage 11	II	-
16 - 17	-	-	-	Not Occupied	-	-
18	2.5	RD/GN	2440	Secondary Fused Battery Positive Voltage 24	III	-
19	-	-	-	Not Occupied	-	-
20	1.5	VT	1701	Retained Accessory Power Control 4	III	-

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
21 - 24	-	-	-	Not Occupied	-	-
25	0.5	RD/VT	3340	Secondary Fused Battery Positive Voltage 33	I	-
26	-	-	-	Not Occupied	-	-
27	0.5	RD/WH	640	Secondary Fused Battery Positive Voltage 6	I	-
28	0.5	VT/BK	1639	Run/Crank Ignition 1 Voltage 16	I	-
29 - 33	-	-	-	Not Occupied	-	-
34	0.35	VT/GN	39	Run/Crank Ignition 1 Voltage	II	-
35	1	RD/VT	340	Secondary Fused Battery Positive Voltage 3	IV	-
36	-	-	-	Not Occupied	-	-
37	0.35	VT/GY	539	Run/Crank Ignition 1 Voltage 5	I	-
38	0.5	VT/GN	1739	Run/Crank Ignition 1 Voltage 17	I	-
39 - 43	-	-	-	Not Occupied	-	-
44	0.75	BK	2050	Ground 20	II	-

X51A FUSE BLOCK - INSTRUMENT PANEL X3



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
I	19300649	J-35616-4A (PU)	J-38125-215A
II	19301751	J-35616-2A (GY)	J-38125-215A

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1 - 10	-	-	-	Not Occupied	-	-
11	0.5	VT	4601	Retained Accessory Power Control 10	I	-
12	0.35 0.75	RD/GN RD/GN	3140 3140	Secondary Fused Battery Positive Voltage 31 Secondary Fused Battery Positive Voltage 31	II II	UD7-(UEU/UFL) UD7+(UEU/UFL)
13	0.5	VT/GN	1739	Run/Crank Ignition 1 Voltage 17	II	-
14	0.35	VT/WH	1139	Run/Crank Ignition 1 Voltage 11	I	-
15 - 20	-	-	-	Not Occupied	-	-