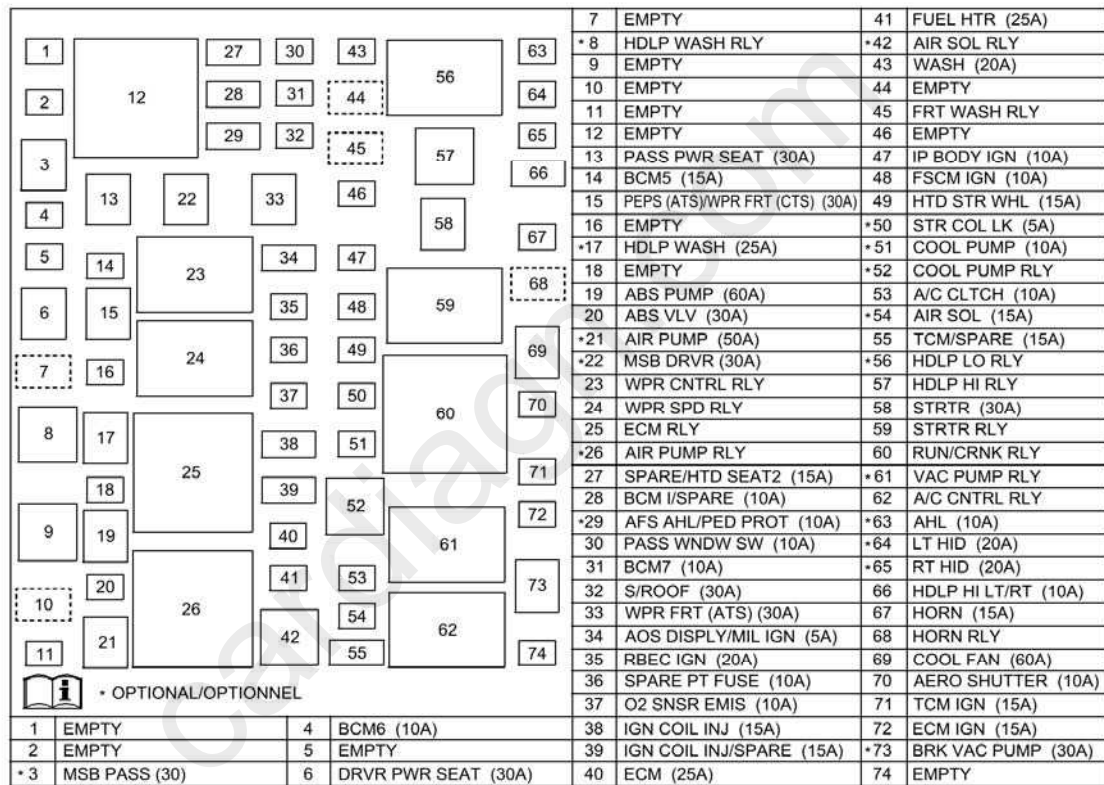


ELECTRICAL

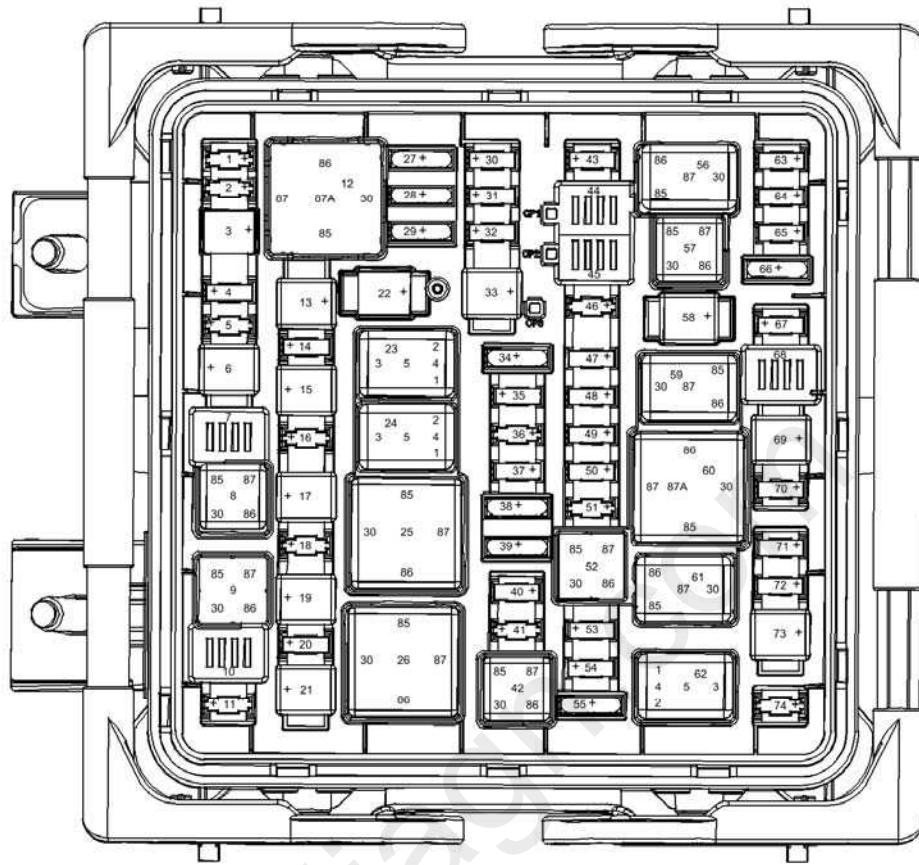
Wiring Systems and Power Management - Component Locator - Electrical Center Identification Views - CTS Sedan

ELECTRICAL CENTER IDENTIFICATION VIEWS

X50A FUSE BLOCK - FUSE AND RELAY UNDERHOOD LABEL



X50A FUSE BLOCK - UNDERHOOD TOP VIEW



X50A Fuse Block - Underhood Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
1	EMPTY	F1UA Fuse	-	Not Used
2	EMPTY	F2UA Fuse	-	Not Used
*3	MSB PASS	F3UA Fuse	30A	M101R Seat Belt Retractor Motor Module - Right (AX7)
4	BCM6	F4UA Fuse	10A	K9 Body Control Module
5	EMPTY	F5UA Fuse	-	Not Used
6	DRVR PWR SEAT	F6UA Fuse	30A	K40D Seat Memory Control Module - Driver
11	EMPTY	F11UA Fuse	-	Not Used
13	PASS PWR SEAT	F13UA Fuse	30A	S64 Seat Adjuster Switch - Passenger
14	BCM5	F14UA Fuse	15A	Not Used

15	PEPS	F15UA Fuse	30A	M79 Windshield Wiper Motor Module
16	EMPTY	F16UA Fuse	-	Not Used
*17	HDLP WASH	F17UA Fuse	25A	G16 Headlamp Washer Pump (CE4)
18	EMPTY	F18UA Fuse	-	Not Used
19	ABS PUMP	F19UA Fuse	60A	K17 Electronic Brake Control Module
20	ABS VLV	F20UA Fuse	30A	K17 Electronic Brake Control Module
*21	AIR PUMP	F21UA Fuse	50A	KR25 Secondary Air Injection Pump Relay
*22	MSB DRVR	F22UA Fuse	30A	M101L Seat Belt Retractor Motor Module - Left (AX7)
27	SPARE/HTD SEAT2	F27UA Fuse	15A	K29F Seat Heating Control Module - Front (KA1)
28	BCM 1/SPARE	F28UA Fuse	10A	Not Used
*29	AFS AHL/PED PROT	F29UA Fuse	10A	K42 Pedestrian Impact Detection Module (B3T), K26 Headlamp Control Module (T4F)
30	PASS WNDW SW	F30UA Fuse	10A	S79P Window Switch - Passenger
31	BCM7	F31UA Fuse	10A	K9 Body Control Module
32	S/ROOF	F32UA Fuse	30A	K62 Sunroof Sunshade Motor Module (C3U), M69 Sunroof Motor (C3U)
*33	WPR FRT (ATS)	F33UA Fuse	30A	Not Used
34	AOS DISPLY/MIL IGN	F34UA Fuse	5A	P14 Passenger Air Bag Disabled Indicator (without T2J), P16 Instrument Cluster
35	RBEC IGN	F35UA Fuse	20A	F25RA(UVC), F26RA (KB6), F28RA (DB3 or V2S), K29F Seat Heating Control Module - Front (KA1), K29R Seat Heating Control Module - Rear (KA6)
36	SPARE PT FUSE	F36UA Fuse	-	Not Used
37	O2 SNSR EMIS	F37UA Fuse	10A	B52B Heated Oxygen Sensor 2 (LTG), B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LF3 or LFX), B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LF3 or LFX), B75B Mass Air Flow/Intake Air Temperature Sensor (LF3), B75C Multifunction Intake Air Sensor
38	IGN COIL INJ	F38UA Fuse	15A	B52A Heated Oxygen Sensor 1 (LTG), B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LF3 or LFX), B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LF3 or LFX), K20 Engine Control Module (LF3 or LFX), Q12 Evaporative Emission Purge Solenoid Valve, Q40 Turbocharger Bypass Solenoid Valve (LTG), Q42 Turbocharger Wastegate Solenoid Valve (LTG), Q44

				Engine Oil Pressure Control Solenoid Valve (LTG), T8B Ignition Coil 2 (LF3 or LFX), T8D Ignition Coil 4 (LF3 or LFX), T8F Ignition Coil 6 (LF3 or LFX)
39	IGN COIL INJ/SPARE	F39UA Fuse	15A	K20 Engine Control Module, T8A Ignition Coil 1, T8B Ignition Coil 2 (LTG), T8C Ignition Coil 3, T8D Ignition Coil 4 (LTG), T8E Ignition Coil 5 (LF3 or LFX)
40	ECM	F40UA Fuse	25A	K20 Engine Control Module, Q40A Turbocharger 1 Bypass Solenoid Valve (LF3), Q40B Turbocharger 2 Bypass Solenoid Valve (LF3), Q42A Turbocharger 1 Wastegate Solenoid Valve (LF3), Q42B Turbocharger 2 Wastegate Solenoid Valve (LF3), R33 Turbocharger Wastegate Diode (LF3)
41	FUEL HTR	F41UA Fuse	-	Not Used
43	WASH	F43UA Fuse	20A	KR11 Windshield Washer Pump Relay
46	EMPTY	F46UA Fuse	-	Not Used
47	IP BODY IGN	F47UA Fuse	10A	A10 Inside Rearview Mirror, A34 HVAC Controls - Auxiliary (CJ4), B108 Air Quality Sensor, K33 HVAC Control Module, K69 Transfer Case Control Module (F46), P43 Collision Alert Indicators (UEU without UV6), S2 Transmission Manual Shift Switch
48	FSCM IGN	F48UA Fuse	10A	K38 Chassis Control Module, K111 Fuel Pump Driver Control Module (G96)
49	HTD STR WHL	F49UA Fuse	15A	F25DA (UVD), R32LF Engine Mount Actuator - Left Front (LTG), R32RF Engine Mount Actuator - Right Front
*50	STR COL LK	F50UA Fuse	5A	K60 Steering Column Lock Module (ULS)
*51	COOL PUMP	F51UA Fuse	10A	M10 Charge Air Cooler Coolant Pump (LF3)
53	A/C CLTCH	F53UA Fuse	10A	KR29 A/C Compressor Clutch Relay
*54	AIR SOL	F54UA Fuse	15A	Q29A Secondary Air Injection Solenoid Valve - Bank 1 (NU6), Q29B Secondary Air Injection Solenoid Valve - Bank 2 (NU6)
55	TCM/SPARE	F55UA Fuse	15A	K71 Transmission Control Module (MG), Q8 Control Solenoid Valve (MYA)
58	STRTR	F58UA Fuse	30A	KR27 Starter Relay
*63	AHL	F63UA Fuse	10A	Not Used
*64	LT HID	F64UA Fuse	20A	T7L Headlamp Ballast - Left (T4F)
*65	RT HID	F65UA Fuse	20A	T7R Headlamp Ballast - Right (T4F)
66	HDLP HI LT/RT	F66UA Fuse	10A	M28L High Beam Solenoid Actuator - Left, M28R High Beam Solenoid Actuator - Right
67	HORN	F67UA Fuse	15A	P12L Horn - Left, P12R Horn - Right

69	COOL FAN	F69UA Fuse	60A	K22 Cooling Fan Control Module (without V03)
70	AERO SHUTTER	F70UA Fuse	10A	K26L Headlamp Control Module - Left (T4F), K26R Headlamp Control Module - Right (T4F), M96 Active Grille Air Shutter Actuator ((LFX or LTG) without UGN)
71	TCM IGN	F71UA Fuse	15A	K71 Transmission Control Module (MGG), Q8 Control Solenoid Valve (MYA)
72	ECM IGN	F72UA Fuse	15A	K20 Engine Control Module
*73	BRK VAC PUMP	F73UA Fuse	30A	M9 Brake Booster Pump Motor (LF3 or LFX)
74	EMPTY	F74UA Fuse	-	Not Used
Relays				
*8	HDLP WASH RLY	KR2 Headlamp Washer Fluid Pump Relay	-	F17UA (CE4)
9	EMPTY	-	-	Not Used
12	EMPTY	-	-	Not Used
23	WPR CNTRL RLY	-	-	Not Used
24	WPR SPD RLY	-	-	Not Used
25	ECM RLY	KR75 Engine Controls Ignition Relay	-	F36UA, F37UA, F38UA, F39UA, F40UA, KR18 Charge Air Cooler Coolant Pump Relay (LF3), KR25 Secondary Air Injection Pump Relay (NU6), KR26 Secondary Air Injection Solenoid Valve Relay (NU6), KR29 A/C Compressor Clutch Relay
*26	AIR PUMP RLY	KR25 Secondary Air Injection Pump Relay	-	F41UA (NU6), G21 Secondary Air Injection Pump (NU6)
*42	AIR SOL RLY	KR26 Secondary Air Injection Solenoid Valve Relay	-	F54UA (NU6)
52	COOL PUMP RLY	KR18 Charge Air Cooler Coolant Pump Relay	-	F51UA (LF3)
*56	HDLP LO RLY	KR49 Headlamp Low Beam Relay	-	F64UA (T4F), F65UA (T4F)
57	HDLP HI RLY	KR48 Headlamp High Beam Relay	-	F66UA
59	STRTR	KR27 Starter Relay	-	M64 Starter Motor
60	RUN/CRNK RLY	KR73 Ignition Main Relay	-	F34UA, F35UA, F47UA, F48UA, F49UA, F50UA, F70UA, F71UA, F72UA

*61	VAC PUMP RLY	KR14 Brake Booster Pump Motor Relay	-	F73UA (LF3 or LFX)
62	A/C CNTRL RLY	KR29 A/C Compressor Clutch Relay	-	Q2 A/C Compressor Clutch

NOTE:

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

7	EMPTY	-	-	Not Used
10	EMPTY	-	-	Not Used
44	EMPTY	-	-	Not Used
45	FRT WASH RLY	KR11 Windshield Washer Pump Relay	-	G24 Windshield Washer Pump
68	HORN RLY	KR3 Horn Relay	-	F67UA

NOTE:

Items listed below are diagnostic test points for PCB relays

CP1	-	TP1	-	Not Used
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NOTE:

Items listed below are diagnostic test points for Wiper/Washer System

CP2	-	TP2	-	KR11 Windshield Washer Pump Relay
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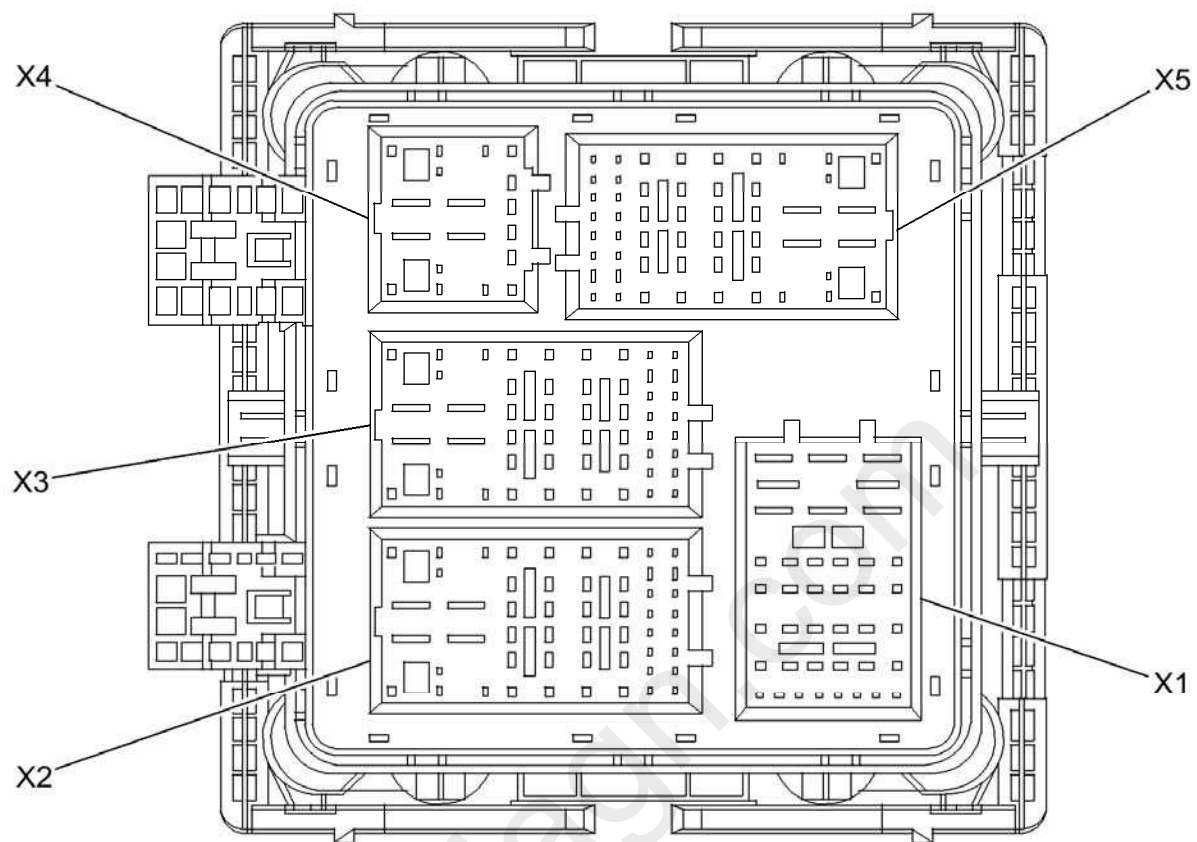
NOTE:

Items listed below are diagnostic test points for Ground Distribution

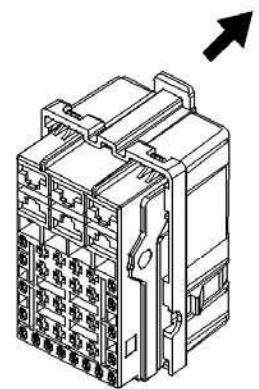
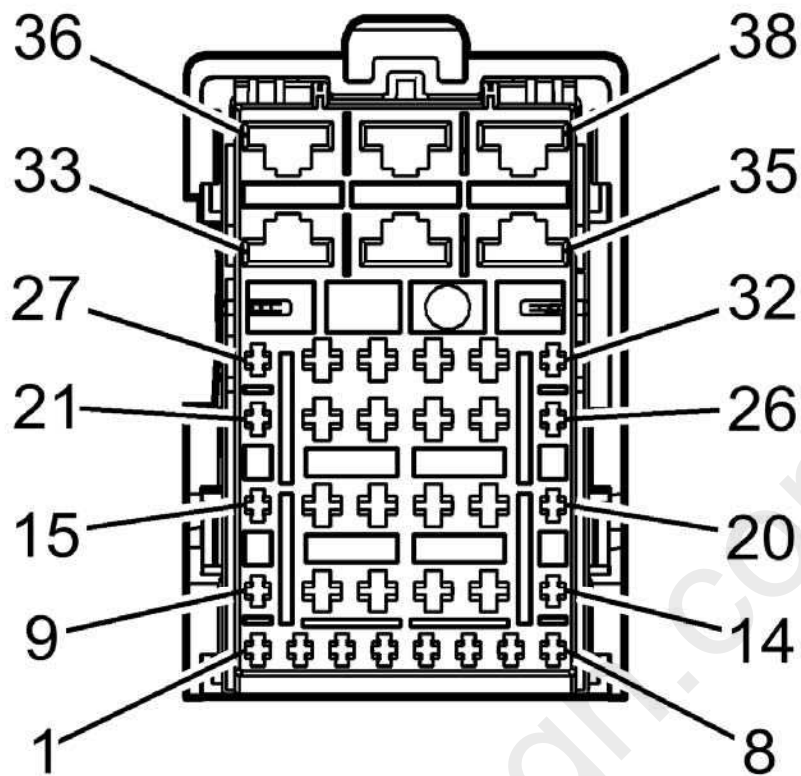
CP3	-	TP3	-	Ground Bus
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X50A FUSE BLOCK - UNDERHOOD BOTTOM VIEW





X50A FUSE BLOCK - UNDERHOOD X1

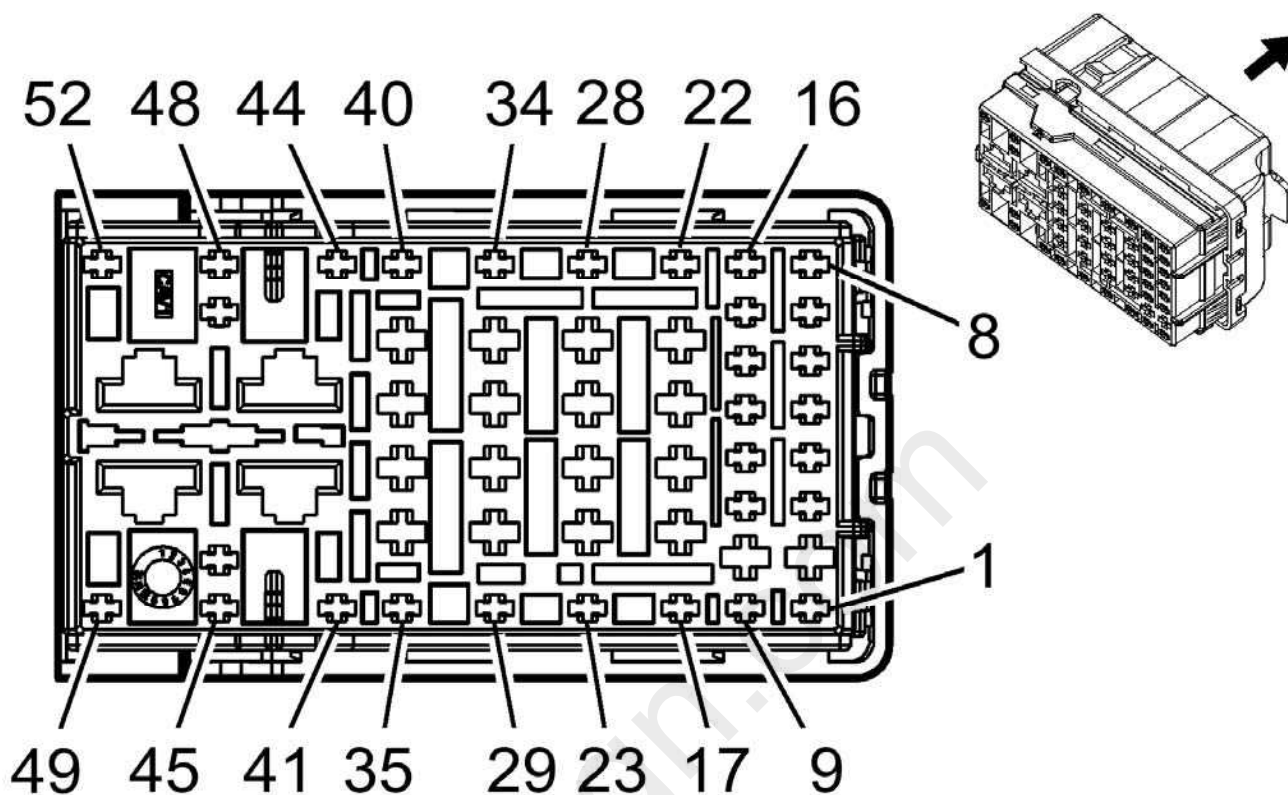


Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13585273
- Service Connector: 19300567
- Description: 38-Way F (NA)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575780	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A
II	13581356	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13587541	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13327105	J-35616-44	J-38125-558	12110127	19	F	G

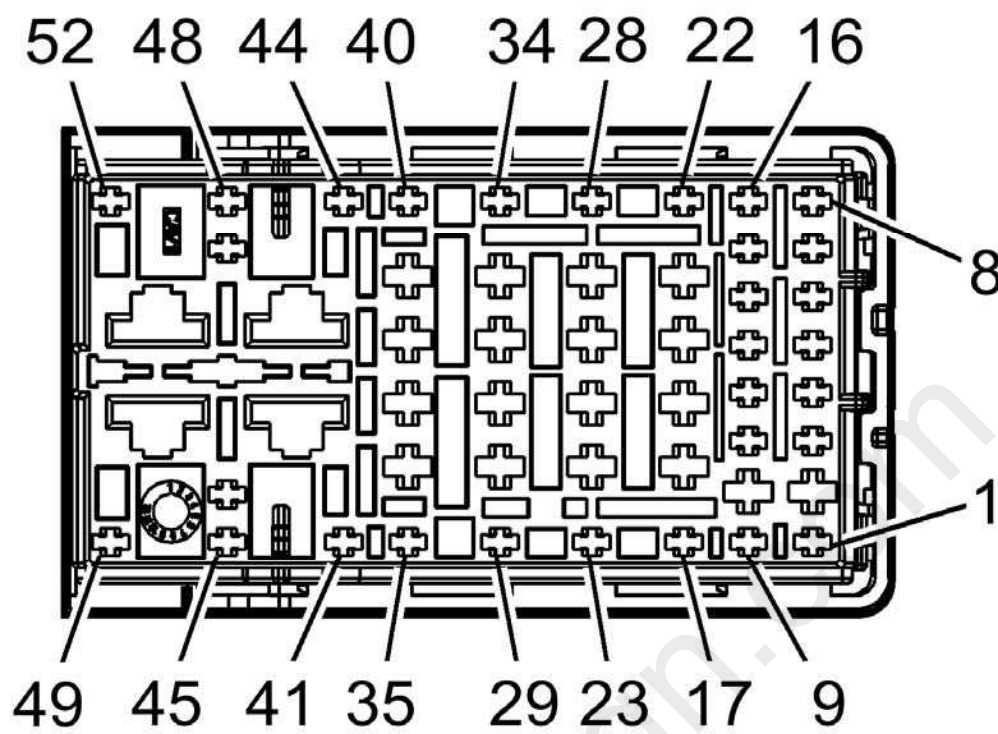


Connector Part Information

- Harness Type: Body
- OEM Connector: 13585275
- Service Connector: 19300569
- Description: 52-Way M 150 GT Series (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581355	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13575747	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13575780	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A
IV	13581356	J-35616-14	J-38125-560	962943-5	16	E	A

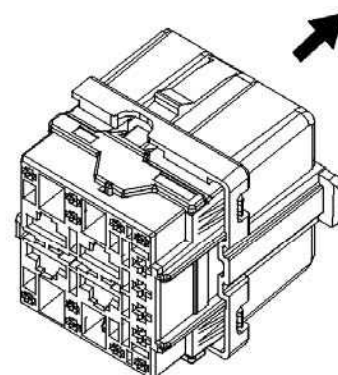
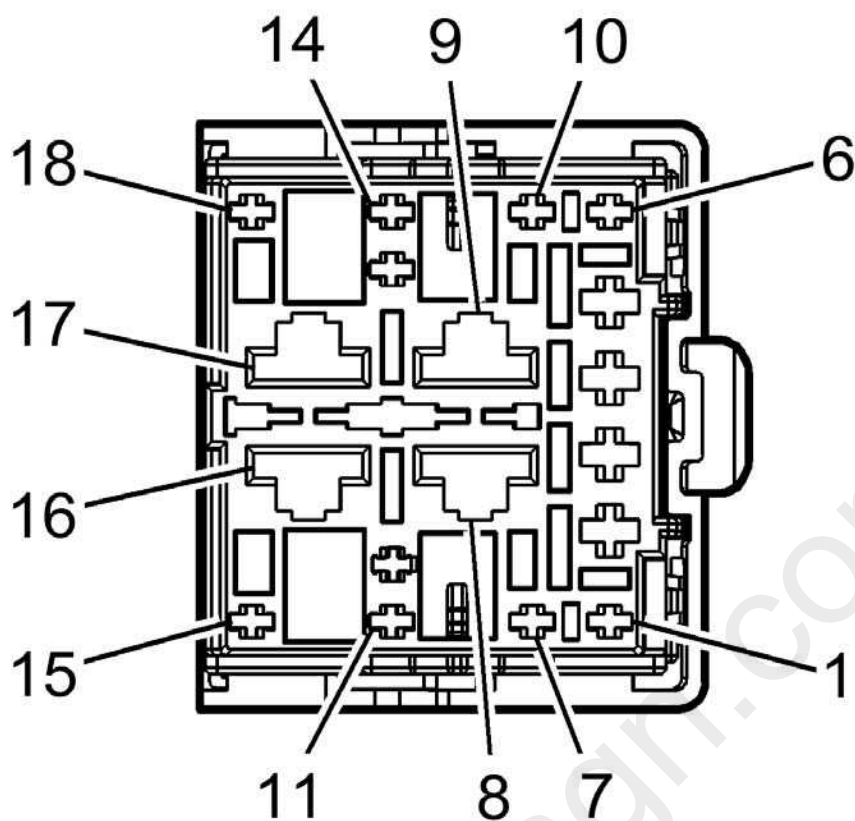


Connector Part Information

- Harness Type: Body
- OEM Connector: 13585276
- Service Connector: 19300570
- Description: 52-Way M 150 GT Series (BN)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581356	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
II	13575780	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A
III	13581355	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575355	J-35616-44	J-38125-558	Not Available	Not	Not	Not



Connector Part Information

- Harness Type: Body
- OEM Connector: 13585277
- Service Connector: 19300572
- Description: 18-Way M 150 GT Series (NA)

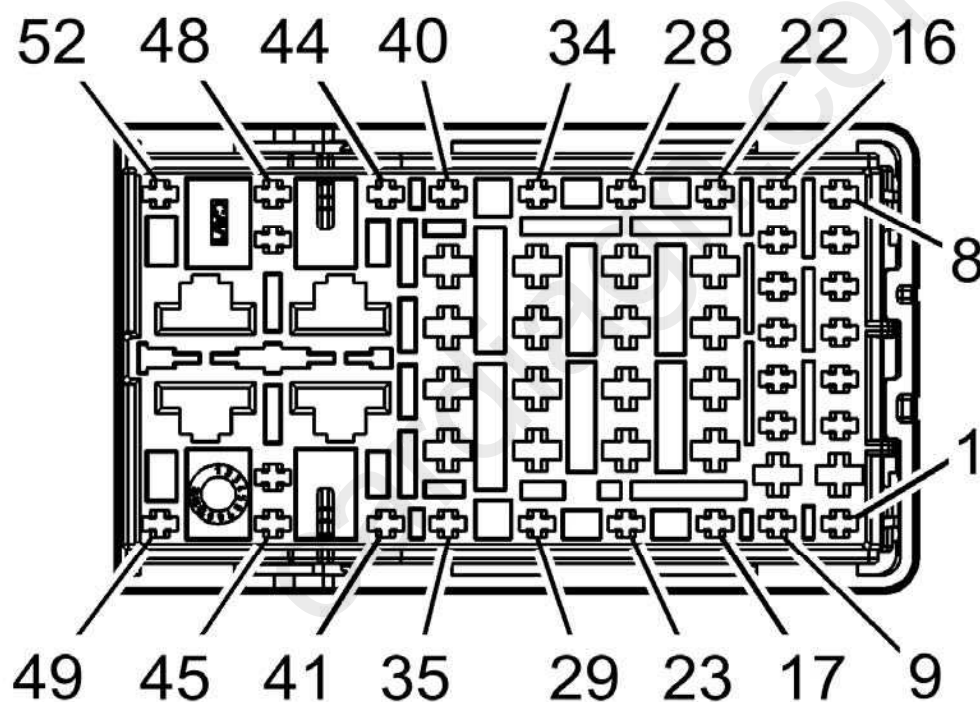
Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581355	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
II	13575355	J-35616-44 (YE)	J-38125-558	Not Available	Not Available	Not Available	Not Available
III	13327105	J-35616-44 (YE)	J-38125-558	12110127	19	F	G

X50A Fuse Block - Underhood X4

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1-5	-	-	-	Not Occupied	-	-
6	0.35	BN	6305	Brake Vacuum Switch Signal	I	LF3 or LFX
7	-	-	-	Not Occupied	-	-
8	1.5	RD/YE	3740	Battery Positive Voltage	II	-
9	4	RD/YE	442	Battery Positive Voltage	III	-
10-18	-	-	-	Not Occupied	-	-

X50A FUSE BLOCK - UNDERHOOD X5



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13585274
- Service Connector: 19300568
- Description: 52-Way F (GY)

Terminal Part Information

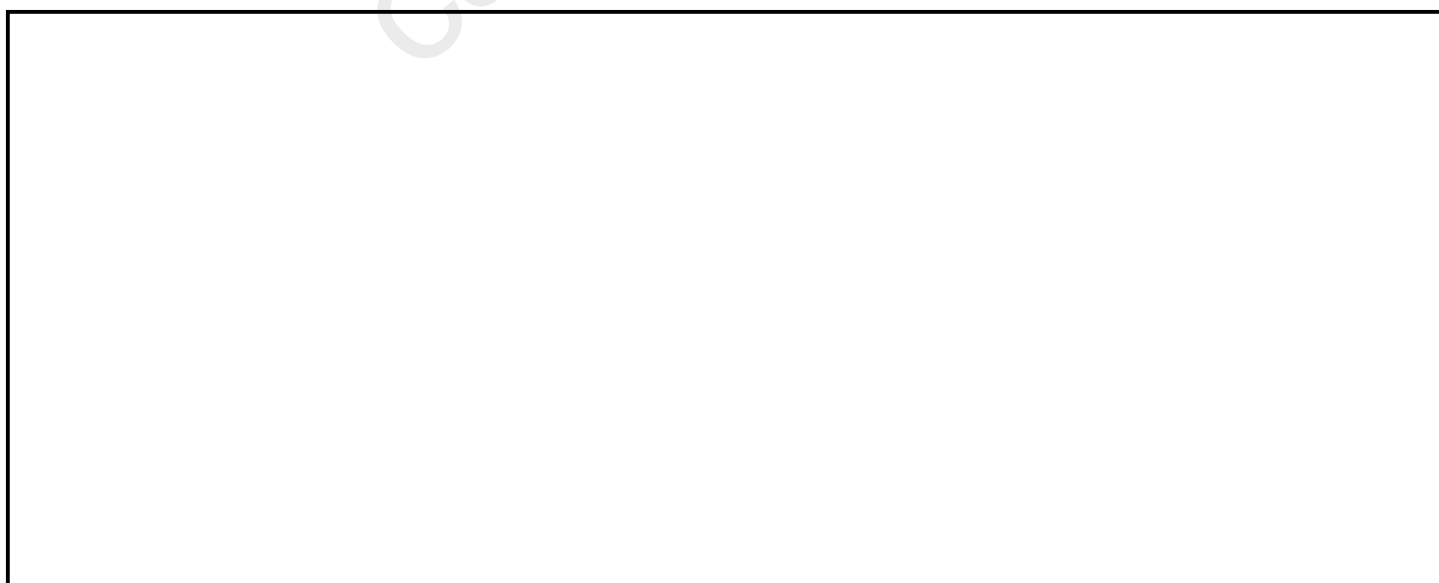
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581355	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
II	13327183	J-35616-35 (VT)	J-38125-36	4-965999-1	25	4	A
III	13581356	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
IV	13575780	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A
V	13575541	J-35616-35 (VT)	J-38125-36	Not Available	Not Available	Not Available	Not Available
VI	13327105	J-35616-44 (YE)	J-38125-558	12110127	19	F	G
VII	13575355	J-35616-44 (YE)	J-38125-558	12110127	19	F	G
VIII	13575355	J-35616-44 (YE)	J-38125-558	Not Available	Not Available	Not Available	Not Available

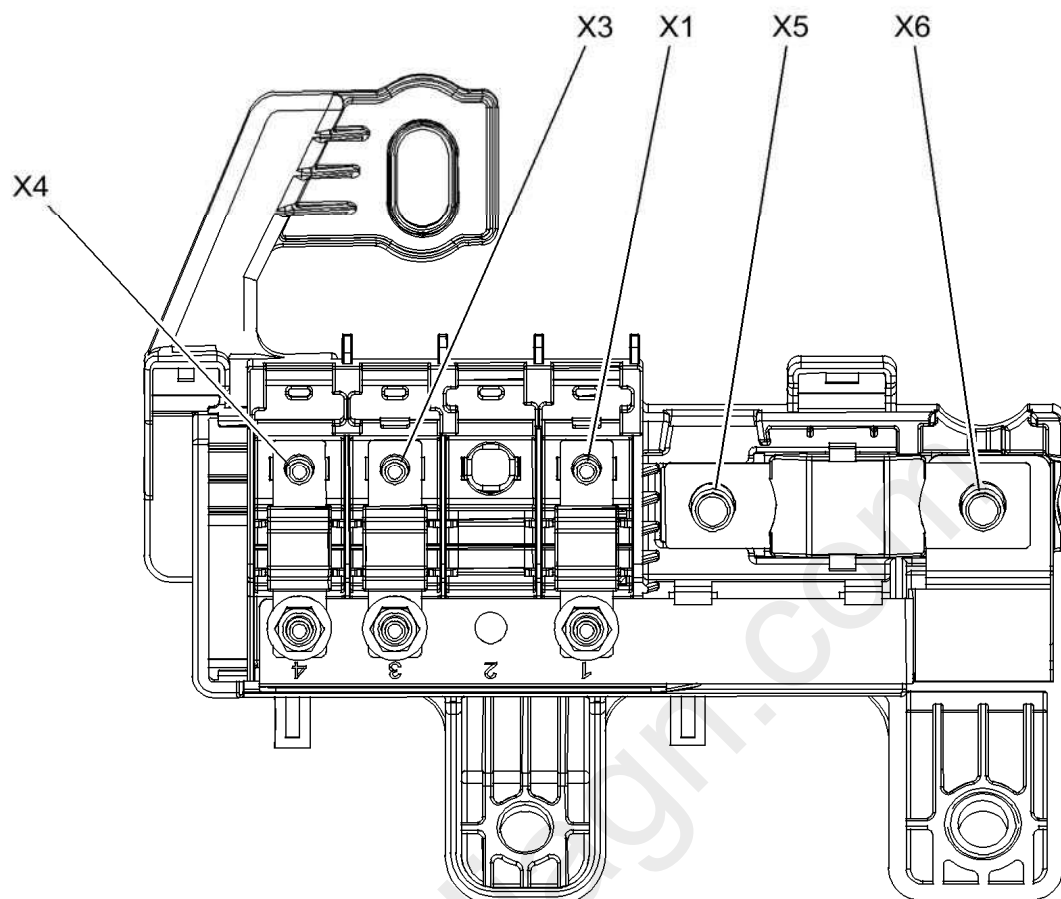
X50A Fuse Block - Underhood X5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	YE	5991	Powertrain Relay Coil Control	I	-
2	-	-	-	Not Occupied	-	-
3	0.75	VT/BU	5294	Powertrain Main Relay Fused Supply (5)	III	-
4	-	-	-	Not Occupied	-	-
5	0.5	GN/BU	436	Air Injection Reaction Pump Relay Coil Control	I	LFX with NU6
6-9	-	-	-	Not Occupied	-	-
10	2	VT/BU	5290	Powertrain Main Relay Fused Supply (1)	II	-
11	0.75	VT/BU	5293	Powertrain Main Relay Fused Supply (4)	III	-
12-16	-	-	-	Not Occupied	-	-
17	1	VT/BU	5291	Powertrain Main Relay Fused Supply (2)	III	-
18	0.5	GY	5127	After Boil Heater Relay Control	IV	LF3
19-21	-	-	-	Not Occupied	-	-
22	0.5	BU/BN	421	Air Injection Reaction Solenoid Relay Coil Control	I	LFX with NU6
				Powertrain Main Relay Fused Supply		

23	1	VT/BU	5292	(3)	III	LF3 or LFX
24-27	-	-	-	Not Occupied	-	-
28	0.75	RD/GN	1840	Battery Positive Voltage	III	-
29	0.5	VT/GY	1439	Run/Crank Ignition 1 Voltage	I	-
30-34	-	-	-	Not Occupied	-	-
35	0.5	VT/GN	439	Run/Crank Ignition 1 Voltage	I	-
36	-	-	-	Not Occupied	-	-
37	0.5	GY/BU	415	Air Injection Reaction Solenoid Supply Voltage	V	LFX with NU6
38-41	-	-	-	Not Occupied	-	-
42	4 2.5	YE YE	6 6	Starter Solenoid Crank Voltage Starter Solenoid Crank Voltage	VI	LTG LF3 or LFX
43	4	BN/YE	78	Air Injection Reaction Pump Supply Voltage	VI	LFX with NU6
44	-	-	-	Not Occupied	-	-
45	0.5	VT/GY	6386	Starter Enable Relay (PPEI 3) Control	I	-
46	0.5	BK	250	Ground	I	-
47	0.5	BN/GN	59	A/C Compressor Clutch Supply Voltage	I	-
48	0.5	WH/GY	459	A/C Compressor Clutch Relay Control	I	-
49	0.5	VT/BK	2139	Run/Crank Ignition 1 Voltage	I	-
50	1.5	BN/VT	1470	Brake Booster Pump Motor Supply Voltage	VIII	LF3 or LFX
51-52	-	-	-	Not Occupied	-	-

X50B FUSE BLOCK - UNDERHOOD AUXILIARY TOP VIEW

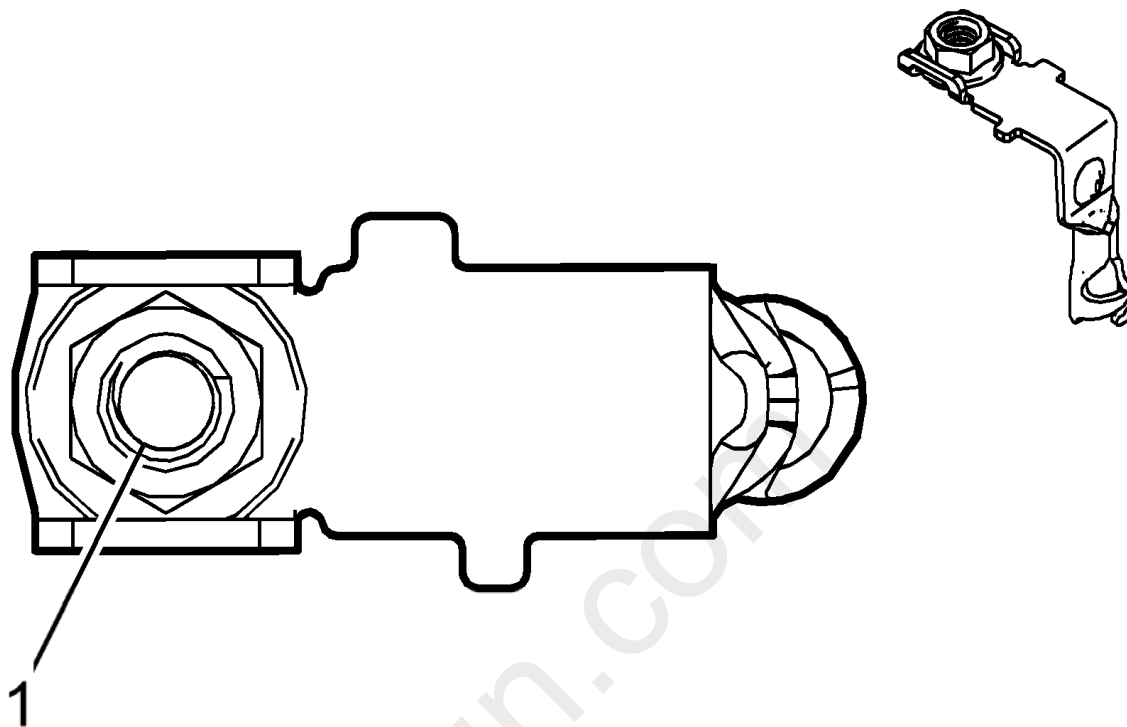




X50B Fuse Block - Underhood Auxiliary Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
1	-	F1UB Fuse	70A	K43 Power Steering Control Module
2	-	F2UB Fuse	-	Not Used
3	-	F3UB Fuse	100A	X51A Fuse Block - Instrument Panel
4	- -	F4UB Fuse F4UB Fuse	100A 70A	G10 Cooling Fan Motor (LF3) G10 Cooling Fan Motor ((LFX or LTG) with V03)
5	-	F5UB Fuse	200A	G13 Generator

X50B FUSE BLOCK - UNDERHOOD AUXILIARY X1



Connector Part Information

- Harness Type: Engine
- OEM Connector: 13605716
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

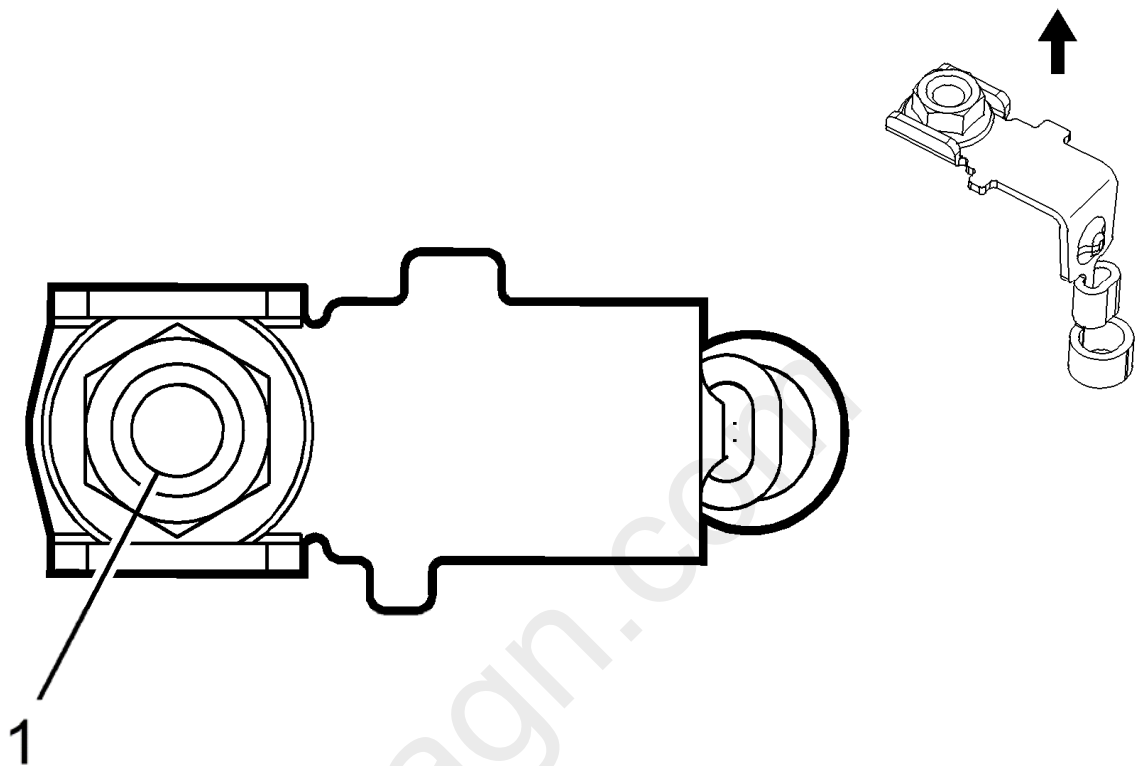
Terminal Part Information

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

X50B Fuse Block - Underhood Auxiliary X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	10	RD/VT	542	Battery Positive Voltage	I	-

X50B FUSE BLOCK - UNDERHOOD AUXILIARY X3



Connector Part Information

- Harness Type: Body
- OEM Connector: 13605714
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

Terminal Part Information

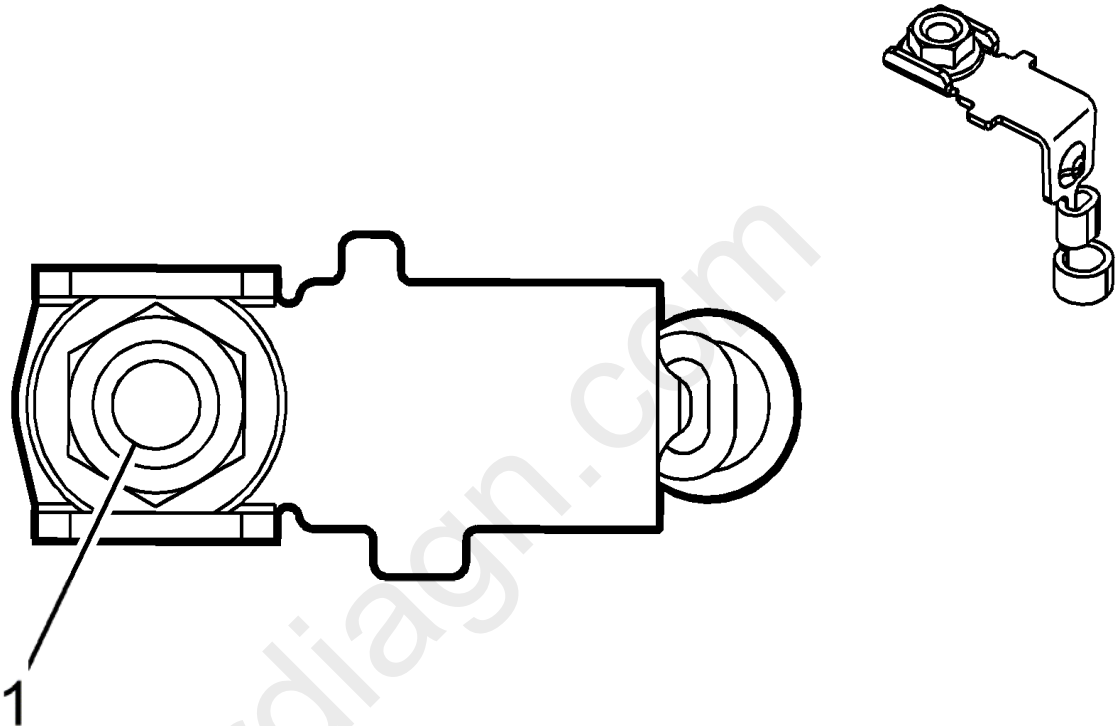
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	No Tool Required	Not Available	Not Available	Not Available	Not Available	Not Available

X50B Fuse Block - Underhood Auxiliary X3

						Terminal	
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Pin	Size	Color	Circuit	Function	Type ID	Option
1	10	RD/WH	342	Battery Positive Voltage	I	-

X50B FUSE BLOCK - UNDERHOOD AUXILIARY X4 (V03)



Connector Part Information

- Harness Type: Forward Lamp
- OEM Connector: 13605715
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

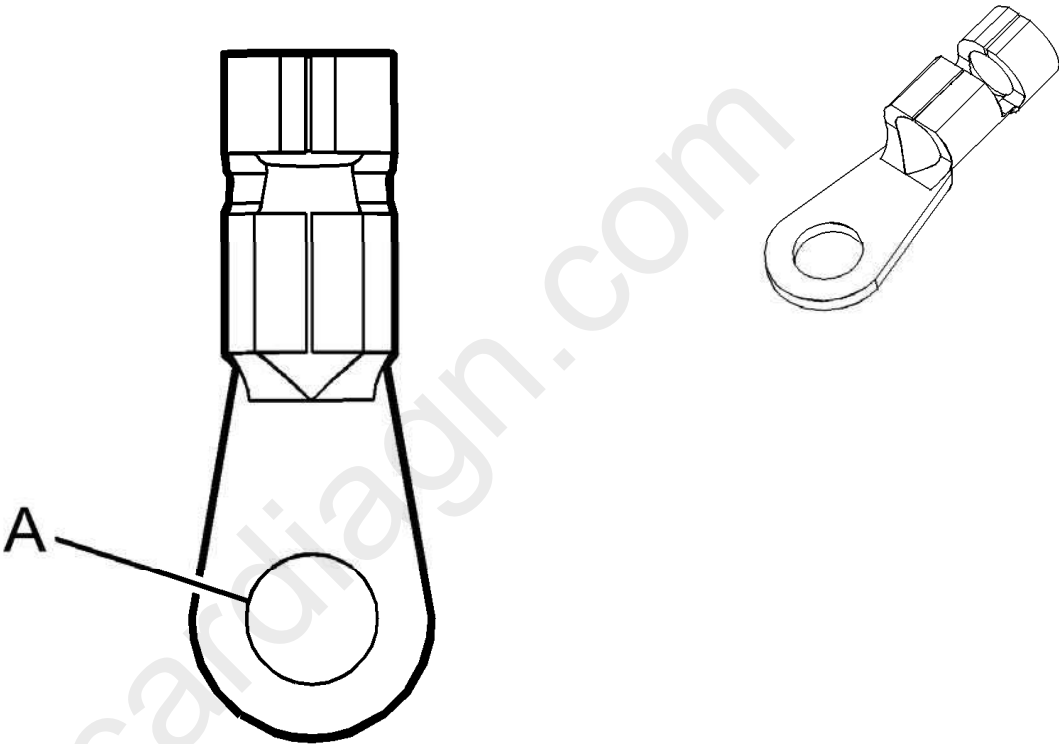
Terminal Part Information

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

X50B Fuse Block - Underhood Auxiliary X4 (V03)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	6 10	RD/GN RD/GN	242 242	Battery Positive Voltage Battery Positive Voltage	I	LFX or LTG LF3

X50B FUSE BLOCK - UNDERHOOD AUXILIARY X5



Connector Part Information

- Harness Type: Engine
- OEM Connector: 12146469
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

Terminal Part Information

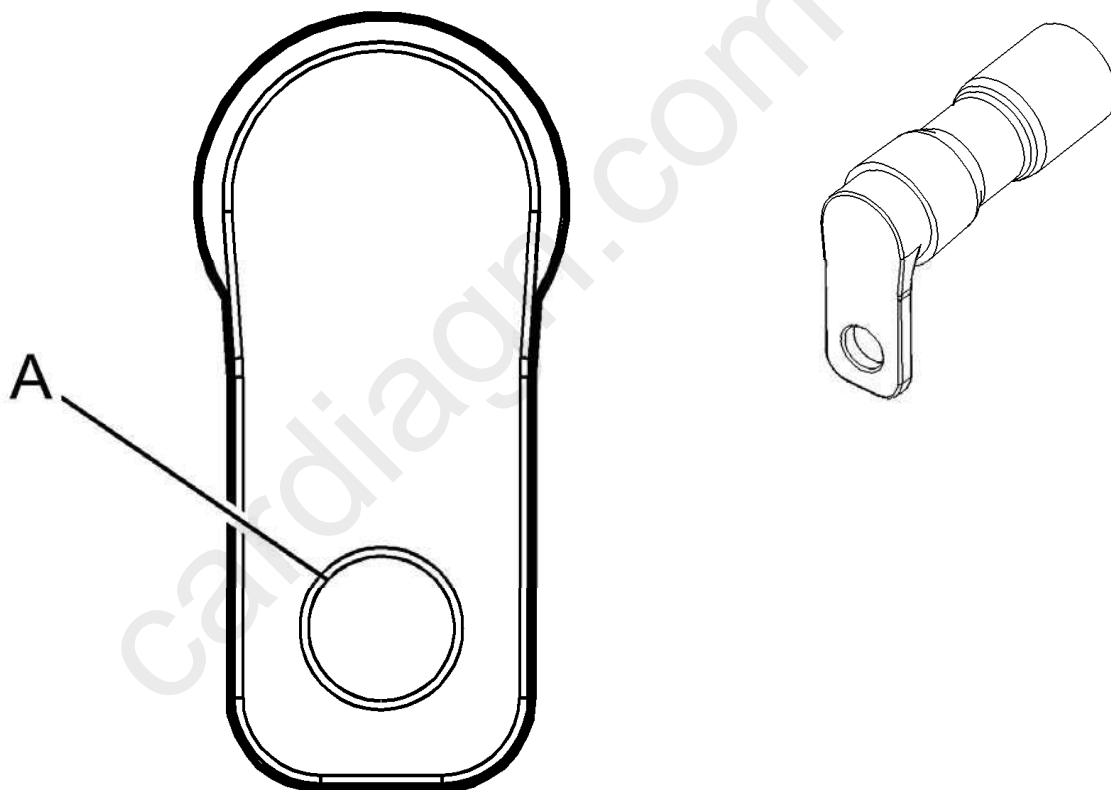
Terminal	Terminated	Diagnostic	Terminal Removal	Service		Core	Insulation
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Type ID	Lead	Test Probe	Tool	Terminal	Tray	Crimp	Crimp
I	Not Available	No Tool Required	No Tool Required	Not Available	Not Available	Not Available	Not Available

X50B Fuse Block - Underhood Auxiliary X5

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	16	RD/YE	2	Battery Positive Voltage	I	-

X50B FUSE BLOCK - UNDERHOOD AUXILIARY X6 (BATTERY POSITIVE BODY)



Connector Part Information

- Harness Type: Battery Positive Body
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

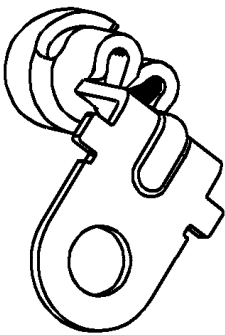
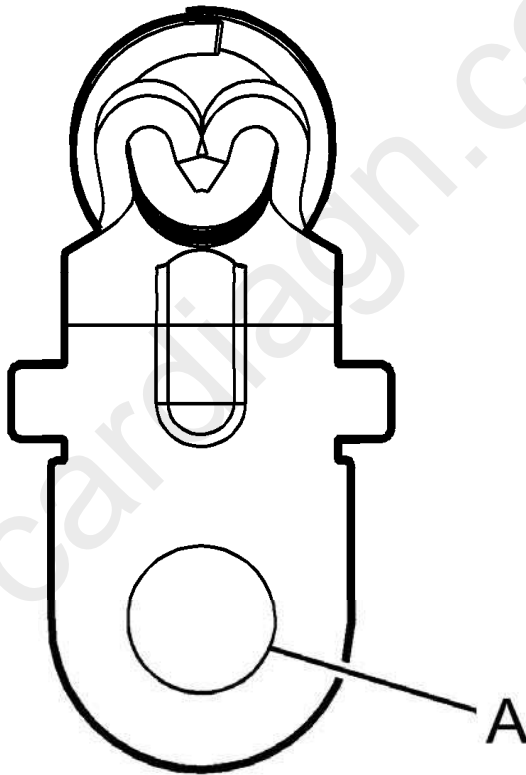
Terminal Part Information

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

X50B Fuse Block - Underhood Auxiliary X6 (Battery Positive Body)

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	85	RD	1	Unfused Battery Positive Voltage	I	-

X50B FUSE BLOCK - UNDERHOOD AUXILIARY X6 (STARTER CABLE)



Connector Part Information

- Harness Type: Starter
- OEM Connector: 12146365

- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

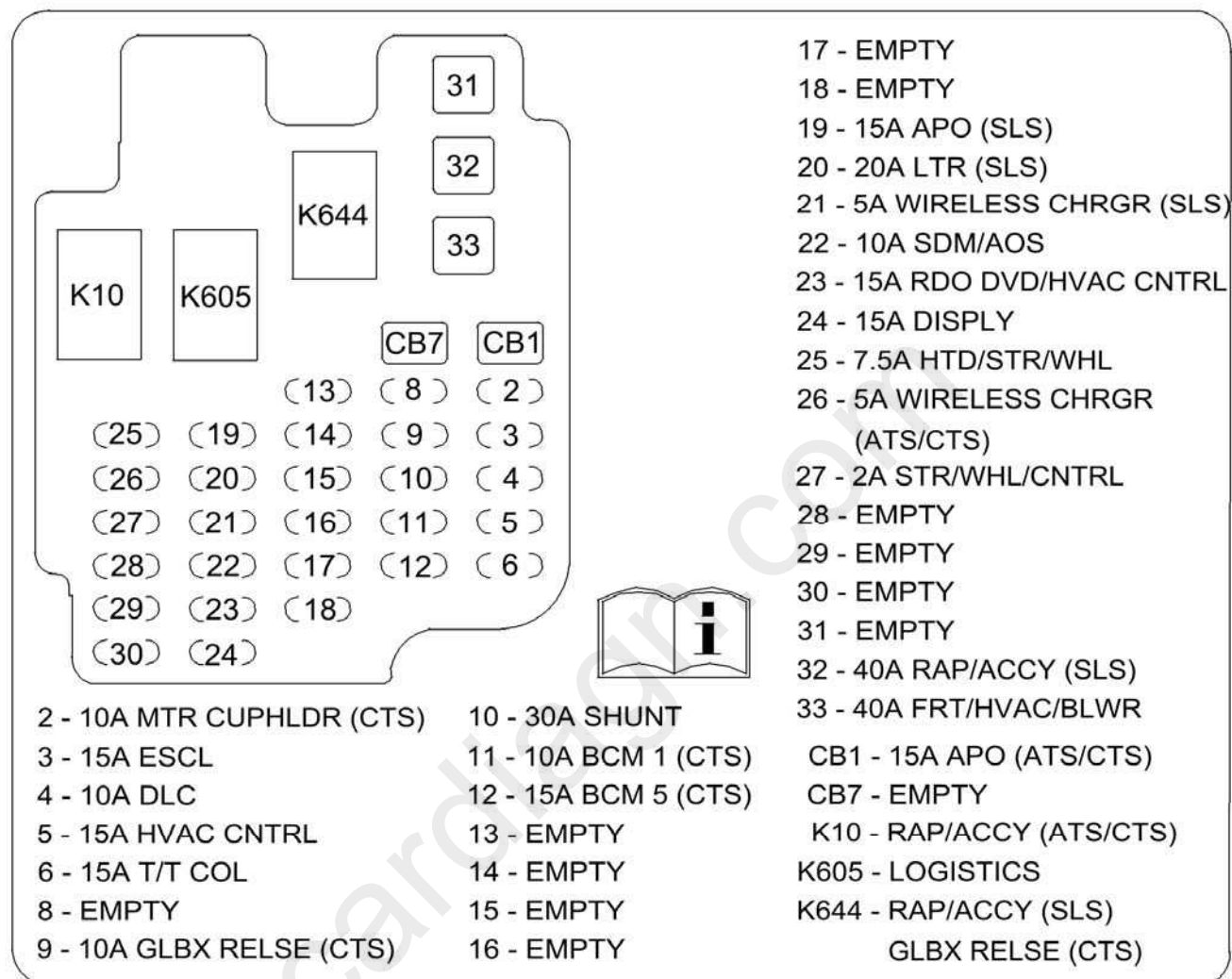
Terminal Part Information

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

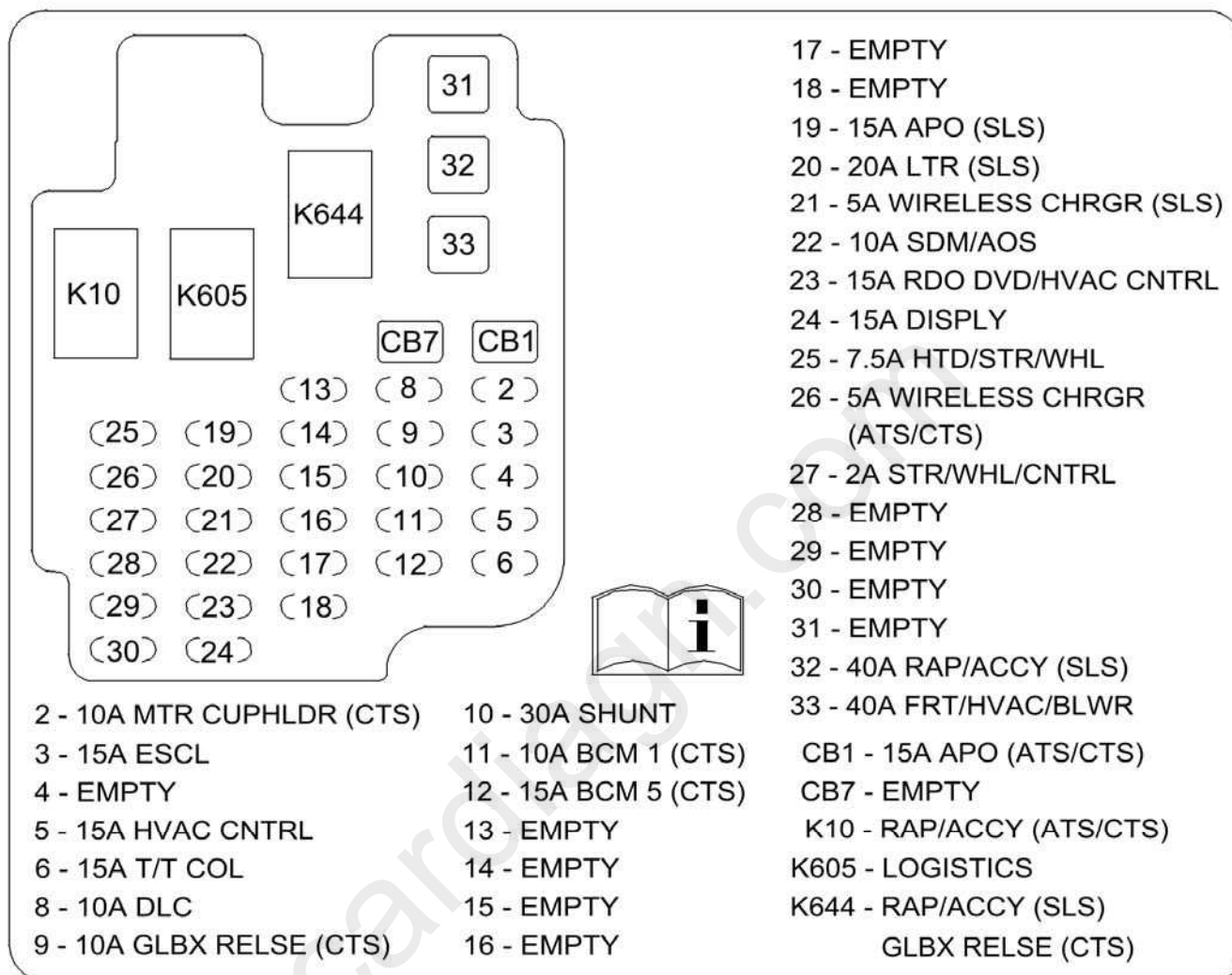
X50B Fuse Block - Underhood Auxiliary X6 (Starter Cable)

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

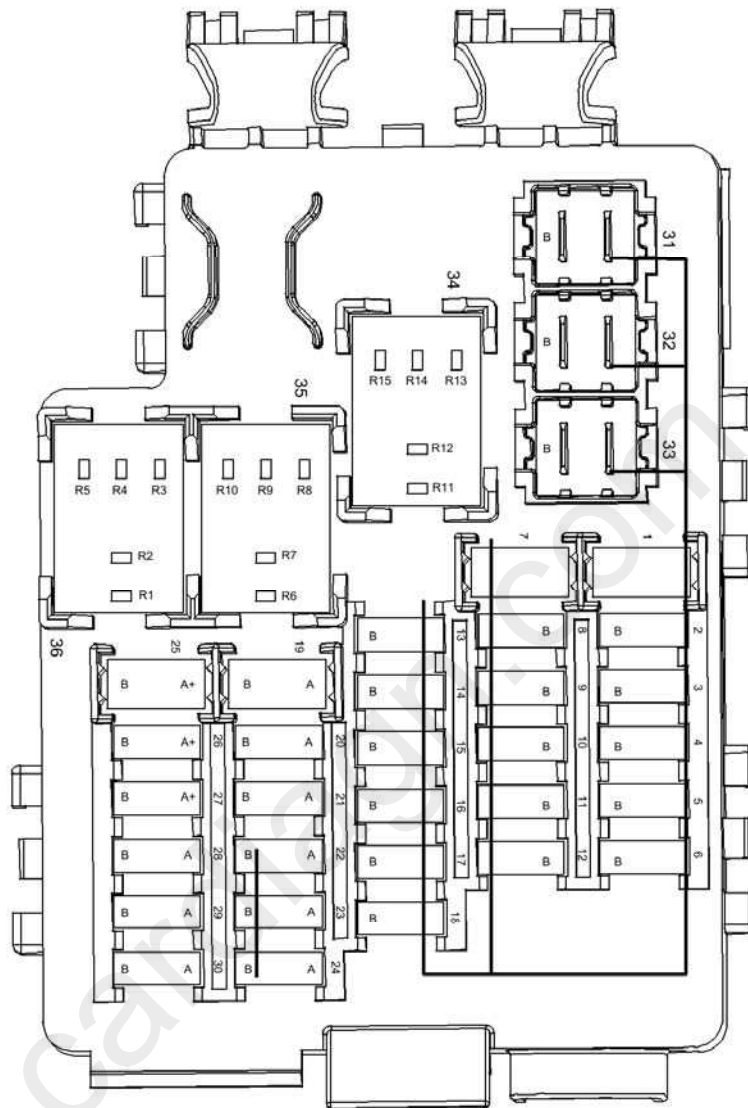
X51A FUSE BLOCK - INSTRUMENT PANEL FUSE AND RELAY LABEL (EARLY PRODUCTION)



X51A FUSE BLOCK - INSTRUMENT PANEL FUSE AND RELAY LABEL (LATE PRODUCTION)



X51A FUSE BLOCK - INSTRUMENT PANEL TOP VIEW



X51A Fuse Block - Instrument Panel Usage

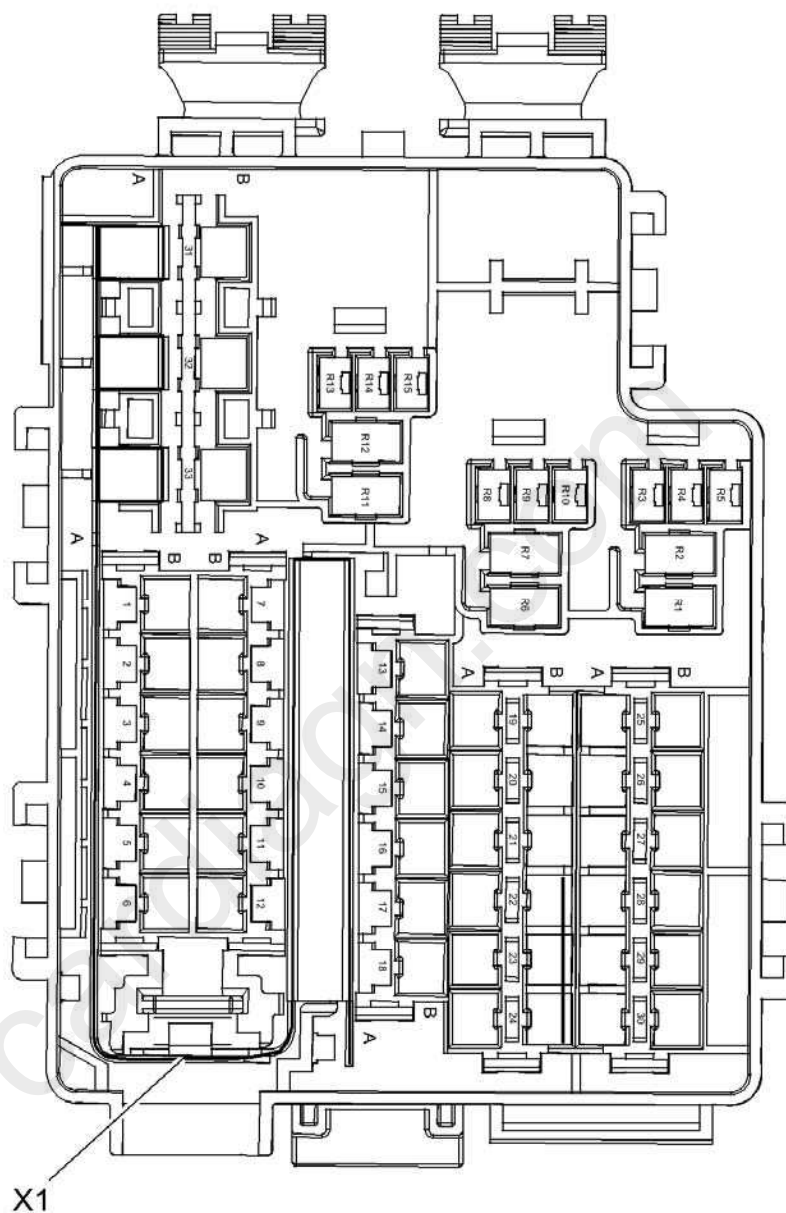
No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
1	APO (ATS/CTS)	F1DA Circuit Breaker	15A	KR76 Retained Accessory Power Relay
2	MTR CUPHLDR (CTS)	F2DA Fuse	10A	M100 Cupholder Motor - Center Console

3	ESCL	F3DA Fuse	15A	K60 Steering Column Lock Module (ULS)
4	DLC	F4DA Fuse	10A	X84 Data Link Connector (Early Production)
5	HVAC CNTRL	F5DA Fuse	-	Not Used
6	T/T COL	F6DA Fuse	15A	K99 Steering Column Position Control Module (N38)
7	EMPTY	F7DA Circuit Breaker	-	Not Used
8	DLC	F8DA Fuse	10A	X84 Data Link Connector (Early Production)
9	GLBX RELSE (CTS)	F9DA Fuse	10A	KR147 Instrument Panel Compartment Door Unlatch Actuator Relay
10	SHUNT	F10DA Fuse	30A	F22DA (without VPH), F23DA (without VPH), F24DA (without VPH), KR104A Battery Saver Relay (VPH)
11	BCM 1 (CTS)	F11DA Fuse	10A	K20 Body Control Module
12	BCM 5 (CTS)	F12DA Fuse	15A	K20 Body Control Module
13	EMPTY	F13DA Fuse	-	Not Used
14	EMPTY	F14DA Fuse	-	Not Used
15	EMPTY	F15DA Fuse	-	Not Used
16	EMPTY	F16DA Fuse	-	Not Used
17	EMPTY	F17DA Fuse	-	Not Used
18	EMPTY	F18DA Fuse	-	Not Used
19	APO (SLS)	F19DA Fuse	-	Not Used
20	LTR (SLS)	F20DA Fuse	-	Not Used
21	WIRELESS CHRGR (SLS)	F21DA Fuse	-	Not Used
22	SDM/AOS	F22DA Fuse	10A	K36 Inflatable Restraint Sensing and Diagnostic Module, K85 Passenger Presence Module
23	RDO DVD/HVAC CNTRL	F23DA Fuse	15A	HVAC Control Module
24	DISPLY	F24DA Fuse	15A	F27DA, P16 Instrument Cluster, P17 Info Display Module, P29 Head-Up Display (UV6)
25	HTD/STR/WHL	F25DA Fuse	7.5A	X55AE Fuse Holder - Steering Wheel Heater (UVD)
26	WIRELESS CHRGR (ATS/CTS)	F26DA Fuse	-	Not Used
27	STR/WHL/CNTRL	F27DA Fuse	2A	S48C Multifunction Switch 1 - Instrument Panel, S48D Multifunction Switch 2 - Instrument Panel, S70L Steering Wheel Controls Switch - Left, S70R Steering

				Wheel Controls Switch - Right
28	EMPTY	F28DA Fuse	-	Not Used
29	EMPTY	F29DA Fuse	-	Not Used
30	EMPTY	F30DA Fuse	-	Not Used
31	EMPTY	F31DA Fuse	-	Not Used
32	RAP/ACCY (SLS)	F32DA Fuse	-	Not Used
33	FRT/HVAC/BLWR	F33DA Fuse	40A	M8 Blower Motor
Relays				
K10	RAP/ACCY (CTS)	KR76 Retained Accessory Power Relay	-	F26DA (K4C), X80A Accessory Power Receptacle - Center Console 1, X80B Accessory Power Receptacle - Center Console 2, X80D Accessory Power Receptacle - Center Console Compartment
K605	LOGISTICS	KR104A Battery Saver Relay 1	-	F22DA (VPH), F23DA (VPH), F24DA (VPH)
K644	RAP/ACCY (SLS) GLBX RELSE (CTS)	- KR147 Instrument Panel Compartment Door Unlatch Actuator Relay	- -	- M91 Instrument Panel Compartment Door Unlatch Actuator

X51A FUSE BLOCK - INSTRUMENT PANEL BOTTOM VIEW





Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 7254-0471-3W
- Service Connector: Pending
- Description: 81-Way Wire Entry Fuse Block (BK)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Pending	Pending	Pending	Not Available	Not Available	Not Available	Not Available
II	Pending	J-35616-42 (RD)	J-38125-11A	7116-2876	10	4	G
III	Pending	J-35616-42 (RD)	J-38125-11A	7116-2875	10	E	B
IV	Pending	J-35616-42 (RD)	J-38125-11A	7116-2875	10	E	G
V	Pending	J-35616-42 (RD)	J-38125-11A	7116-2877	10	F	G

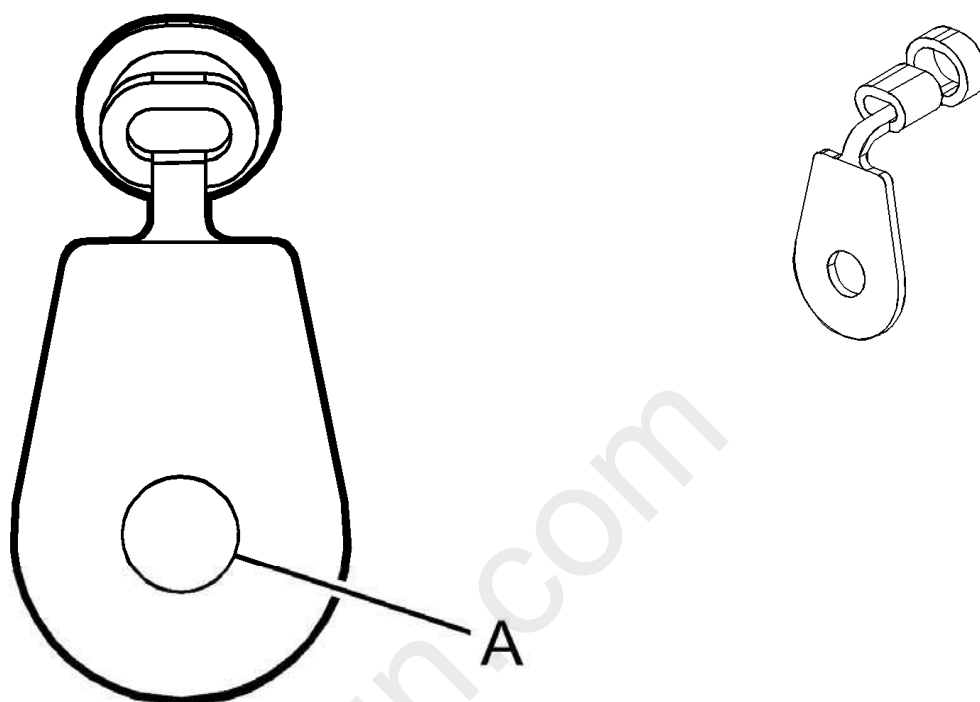
X51A Fuse Block - Instrument Panel Bottom View

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1A	-	BUS BAR	342	Battery Positive Voltage	-	-
1B	1.5	RD/BU	42	Battery Positive Voltage	I	-
2A	-	BUS BAR	342	Battery Positive Voltage	-	-
2B	0.35	RD/BN	4940	Battery Positive Voltage	I	-
3A	-	BUS BAR	342	Battery Positive Voltage	-	-
3B	0.75	RD/GY	4140	Battery Positive Voltage	I	ULS
4A	-	BUS BAR	342	Battery Positive Voltage	-	-
4B	0.35	RD	40	Battery Positive Voltage	I	Early Production
5A	-	BUS BAR	342	Battery Positive Voltage	-	-
5B	-	-	-	Not Occupied	-	-
6A	-	BUS BAR	342	Battery Positive Voltage	-	-
6B	1	RD/BN	3640	Battery Positive Voltage	I	N38
7A	-	BUS BAR	342	Battery Positive Voltage	-	-
7B	-	-	-	Not Occupied	-	-
8A	-	BUS BAR	342	Battery Positive Voltage	-	-
8B	0.35	RD	40	Battery Positive Voltage	I	Late Production
9A	-	BUS BAR	342	Battery Positive Voltage	-	-
9B	0.35	RD/GY	4840	Battery Positive Voltage	I	-
10A	-	BUS BAR	342	Battery Positive Voltage	-	-
10B	3 1.5	RD/BU RD/BU	1240 1240	Battery Positive Voltage Battery Positive Voltage	I	without VPH VPH
11A	-	BUS BAR	342	Battery Positive Voltage	-	-
11B	0.75	RD/VT	4040	Battery Positive Voltage	I	-

12A	-	BUS BAR	342	Battery Positive Voltage	-	-
12B	0.75	RD/BN	4240	Battery Positive Voltage	I	-
13A	-	BUS BAR	342	Battery Positive Voltage	-	-
13B	-	-	-	Not Occupied	-	-
14A	-	BUS BAR	342	Battery Positive Voltage	-	-
14B	-	-	-	Not Occupied	-	-
15A	-	BUS BAR	342	Battery Positive Voltage	-	-
15B	-	-	-	Not Occupied	-	-
16A	-	BUS BAR	342	Battery Positive Voltage	-	-
16B	-	-	-	Not Occupied	-	-
17A	-	BUS BAR	342	Battery Positive Voltage	-	-
17B	-	-	-	Not Occupied	-	-
18A	-	BUS BAR	342	Battery Positive Voltage	-	-
18B	-	-	-	Not Occupied	-	-
19A	-	-	-	Not Occupied	-	-
19B	-	-	-	Not Occupied	-	-
20A	-	-	-	Not Occupied	-	-
20B	-	-	-	Not Occupied	-	-
21A	-	-	-	Not Occupied	-	-
21B	-	-	-	Not Occupied	-	-
22A	0.35	RD/GN	4440	Battery Positive Voltage	I	-
	0.5	RD/GN	4440	Battery Positive Voltage		-
22B	-	BUS BAR	1240	Battery Positive Voltage	-	-
23A	0.5	RD/VT	3340	Battery Positive Voltage	I	-
23B	3	RD/BU	1240	Battery Positive Voltage	I	VPH
	3	RD/BU	1240	Battery Positive Voltage		without VPH
24A	0.5	RD/BU	3240	Battery Positive Voltage	I	-
24B	-	BUS BAR	1240	Battery Positive Voltage	-	-
25A	0.75	VT/GY	1439	Run/Crank Ignition 1 Voltage	I	UVD
25B	0.5	VT/WH	239	Run/Crank Ignition 1 Voltage	I	UVD
26A	-	-	-	Not Occupied	-	-
26B	-	-	-	Not Occupied	-	-
27A	0.5	RD/BU	3240	Battery Positive Voltage	I	-
27B	0.35	RD/YE	3040	Battery Positive Voltage	I	-
28A	-	-	-	Not Occupied	-	-
28B	-	-	-	Not Occupied	-	-
29A	-	-	-	Not Occupied	-	-
29B	-	-	-	Not Occupied	-	-
30A	-	-	-	Not Occupied	-	-
30B	-	-	-	Not Occupied	-	-
31A	-	BUS BAR	342	Battery Positive Voltage	-	-

31B	-	-	-	Not Occupied	-	-
32A	-	BUS BAR	342	Battery Positive Voltage	-	-
32B	-	-	-	Not Occupied	-	-
33A	-	BUS BAR	342	Battery Positive Voltage	-	-
33B	4	RD/VT	542	Battery Positive Voltage	I	-
R1	1.5	RD/BU	42	Battery Positive Voltage	II	-
R2	1.5	VT	1001	Retained Accessory Power Fuse Supply Voltage	II	-
R3	0.35	BK	1350	Ground	I	-
R4	-	-	-	Not Occupied	-	-
R5	0.35	GY/GN	4083	RAP Relay 2 Coil Control	I	-
R6	3	RD/BU	1240	Battery Positive Voltage	V	VPH
R7	1.5	RD/BU	1240	Battery Positive Voltage	II	VPH
R8	0.35	GY/VT	3264	Logistic Mode Relay Close Control	I	VPH
R9	0.35	BK	1350	Ground	I	VPH
R10	0.35	VT/BU	3263	Logistic Mode Relay Open Control	I	VPH
R11	0.35	RD/GY	4840	Battery Positive Voltage	III	-
R12	0.5	BN/GY	4048	Glove Box Door Release Control	IV	-
R13	0.35	BK	1350	Ground	I	-
R14	-	-	-	Not Occupied	-	-
R15	0.35	BN/WH	4046	Glove Box Door Release Relay Control	I	-

X51A FUSE BLOCK - INSTRUMENT PANEL X1



Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 12146714
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

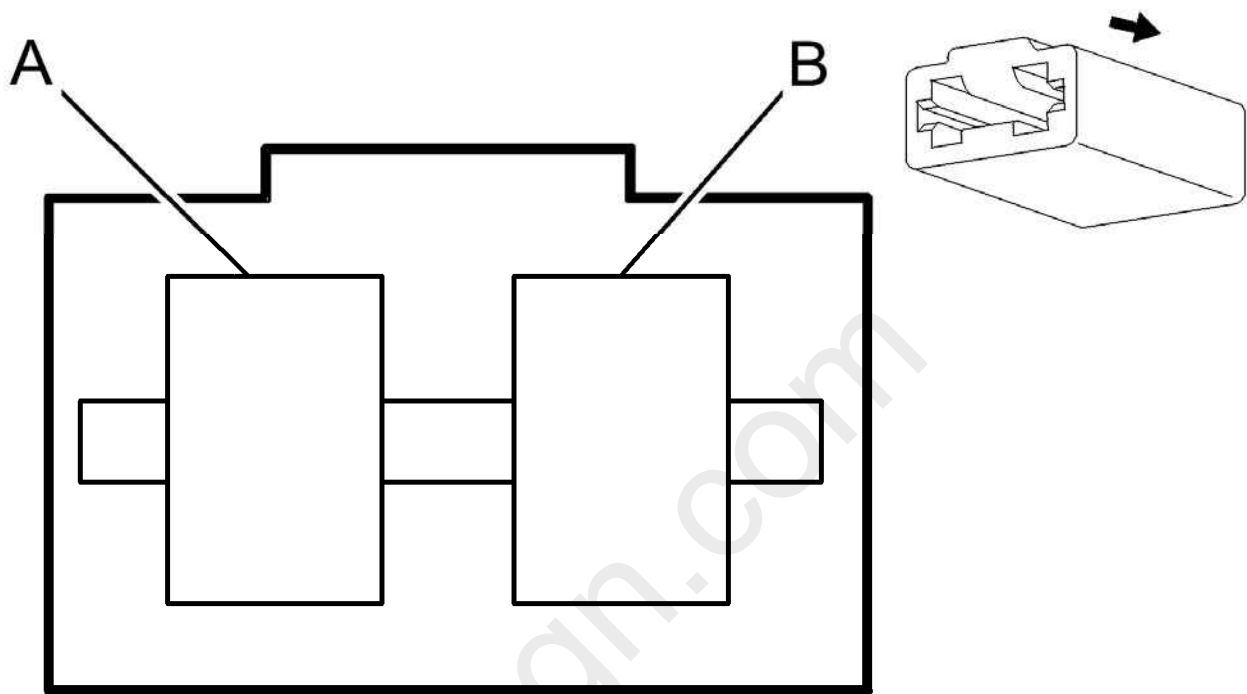
Terminal Part Information

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

X51A Fuse Block - Instrument Panel X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	10	RD/WH	342	Battery Positive Voltage	I	-

X55AE FUSE HOLDER - STEERING WHEEL HEATER (UVD)



Connector Part Information

- Harness Type: Steering Wheel Air Bag Coil
- OEM Connector: Not Available
- Service Connector: Service by Component - See Part Catalog
- Description: 2-Way F Fuse Holder (BK)

Terminal Part Information

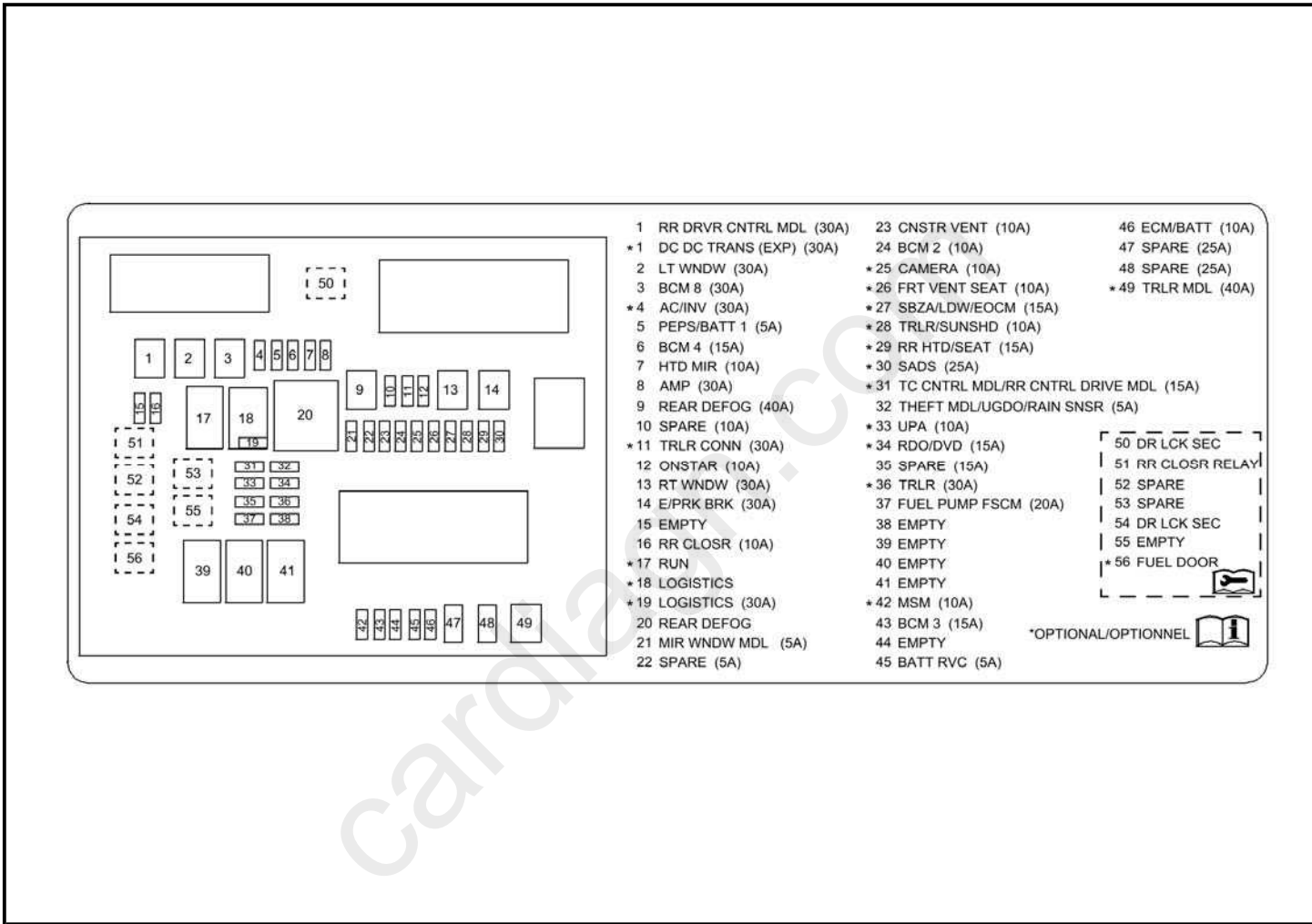
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

X55AE Fuse Holder - Steering Wheel Heater (UVD)

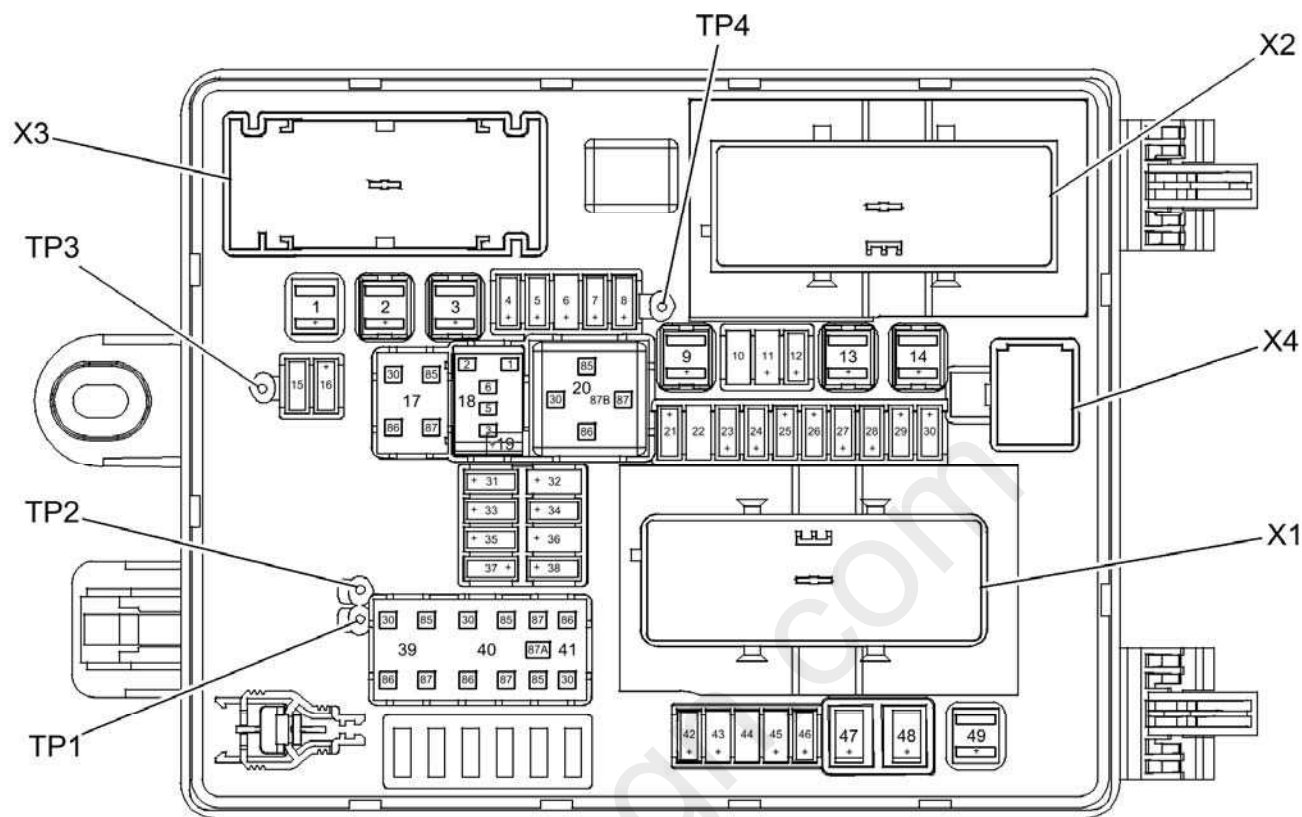
						Terminal	
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Pin	Size	Color	Circuit	Function	Type ID	Option
A	0.5	239	BN/SR	Run/Crank Ignition 1 Voltage	I	-
B	0.5	239	BN	Run/Crank Ignition 1 Voltage	I	-

X53A FUSE BLOCK - REAR BODY FUSE AND RELAY LABEL



X53A FUSE BLOCK - REAR BODY TOP VIEW



X53A Fuse Block - Rear Body Usage

No.	Device Label Name	Device Assigned Name	Rating	Description
Fuses				
1	RR DRVR CNTRL MDL DC DC TRANS (EXP)	F1RA Fuse F1RA Fuse	30A 30A	K47 Rear Differential Clutch Control Module (G96) Not Used (without G96)
2	LT WNDW	F2RA Fuse	30A	M74D Window Motor - Driver, M74LR Window Motor - Left Rear
3	BCM 8	F3RA Fuse	30A	K9 Body Control Module
4	A/C INV	F4RA Fuse	30A	T1 Accessory DC/AC Power Inverter Module (KI6 or KI7)
5	PEPS/BATT 1	F5RA Fuse	5A	K84 Keyless Entry Control Module
6	BCM 4	F6RA Fuse	15A	K9 Body Control Module
7	HTD MIR	F7RA Fuse	10A	E17D Outside Rearview Mirror Glass - Driver, E17P Outside Rearview Mirror

				Glass - Passenger
8	AMP	F8RA Fuse	30A	T3 Audio Amplifier
9	REAR DEFOG	F9RA Fuse	40A	R14L Rear Window Defogger Noise Filter - Left
10	SPARE	F10RA Fuse	10A	Not Used
11	TRLR CONN	F11RA Fuse	30A	W8 Blunt Cut - Trailer Provision (V2S)
12	ONSTAR	F12RA Fuse	10A	K31 Navigation Control Module (IO6 with MAW), K73 Telematics Communication Interface Control Module (UE1)
13	RT WNDW	F13RA Fuse	30A	M74P Window Motor - Driver, M74RR Window Motor - Right Rear
14	E/PRK BRK	F14RA Fuse	30A	K83 Parking Brake Control Module
15	EMPTY	F15RA Fuse	-	Not Used
16	RR CLOSR	F16RA Fuse	10A	KR95B Rear Compartment Lid Unlatch Relay
19	LOGISTICS	F19RA Fuse	30A	F12RA (without VPH), F27RA (without VPH), F31RA (without VPH), F32RA (without VPH), F33RA (without VPH), F34RA (without VPH)
21	MIR WNDW MDL	F21RA Fuse	5A	K96D Mirror Control Module - Driver, S79D Window Mirror Switch - Driver
22	SPARE	F22RA Fuse	5A	Not Used
23	CNSTR VENT	F23RA Fuse	10A	Q13 Evaporative Emission Vent Solenoid Valve
24	BCM 2	F24RA Fuse	10A	K9 Body Control Module
25	CAMERA	F25RA Fuse	7.5A	B87 Rearview Camera (UVC)
26	FRT VENT SEAT	F26RA Fuse	10A	M73A Seat Blower Motor - Driver Back (KB6), M73B Seat Blower Motor - Passenger Back (KB6), M73C Seat Blower Motor - Driver Cushion (KB6), M73D Seat Blower Motor - Passenger Cushion (KB6)
27	SBZA/LDW/EOCM	F27RA Fuse	10A	B218L Side Object Sensor Module - Left (UFG or UFT), B218R Side Object Sensor Module - Right (UFG or UFT), K109 Frontview Camera Module (UFL or UGN), K124 Active Safety Control Module (UGN or UVZ)
28	TRLR/SUNSHD	F29RA Fuse	10A	K50 Rear Window Sunshade (DB3), K68 Trailer Lighting Control Module (V2S)
29	RR HTD/SEAT	F28RA Fuse	15A	K29R Seat Heating Control Module - Rear
30	SADS	F30RA Fuse	25A	K19 Suspension Control Module (F55)
31	TC CNTRL MDL/RR CNTRL DRIVE MDL	F31RA Fuse	15A	K38 Chassis Control Module (G96), K47 Rear Differential Clutch Control Module (G96), K69 Transfer Case Control Module

				(F46)
32	THEFT MDL/UGDO/RAIN SNSR	F32RA Fuse	5A	B165 Content Theft Deterrent Sensor Module (UTU or UTV), B177 Rain/Ambient Light Sensor Module (CE1), P25 Power Sounder Content Theft Deterrent Alarm Module (UTR), S25 Garage Door Opener (UG1)
33	UPA	F33RA Fuse	10A	K41 Front and Rear Parking Assist Control Module
34	RDO/DVD	F34RA Fuse	15A	A11 Radio, A33 Media Disc Player (TG5 or WCN), K74 Human Machine Interface Control Module, X83 Auxiliary Audio Input
35	SPARE	F35RA Fuse	15A	Not Used
36	TRLR	F36RA Fuse	30A	W8 Blunt Cut - Trailer Provision (V2S)
37	FUEL PUMP FSCM	F37RA Fuse	20A	K38 Chassis Control Module (without G96), K111 Fuel Pump Driver Control Module (G96)
38	EMPTY	F38RA Fuse	-	Not Used
42	MSM	F42RA Fuse	10A	K40D Seat Memory Control Module - Driver,
43	BCM 3	F43RA Fuse	15A	K9 Body Control Module
44	EMPTY	F44RA Fuse	-	Not Used
45	BATT RVC	F45RA Fuse	5A	K9 Body Control Module
46	ECM/BATT	F46RA Fuse	10A	K20 Engine Control Module
47	EMPTY	F47RA Fuse	-	Not Used
48	EMPTY	F48RA Fuse	-	Not Used
49	TRLR MDL	F49RA Fuse	40A	K68 Trailer Lighting Control Module (V2S)
Relays				
17	RUN	KR124 Trailer Ignition Power Relay	-	F11RA
18	LOGISTICS	KR104B Battery Saver Relay 2	-	F12RA (VPH), F27RA (VPH), F31RA (VPH), F32RA (VPH), F33RA (VPH), F34RA (VPH)
20	REAR DEFOG	KR5 Rear Defogger Relay	-	F7RA, F9RA
39	EMPTY	-	-	Not Used
40	EMPTY	-	-	Not Used
41	EMPTY	-	-	Not Used
Important: Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block				
				A23D Door Latch Assembly - Driver,

50	DR LCK SEC	KR114 Door Dead Lock Relay	-	A23LR Door Latch Assembly - Left Rear, A23P Door Latch Assembly - Passenger, A23RR Door Latch Assembly - Right Rear, KR132 Fuel Fill Door Lock Relay (N08)
51	RR CLOSR RELAY	KR95B Rear Compartment Lid Unlatch Relay	-	M40 Rear Compartment Lid Latch
52	SPARE	-	-	Not Used
53	SPARE	-	-	Not Used
54	DR LCK SEC	KR113 Child Security Lock Disable Relay	-	A23LR Door Latch Assembly - Left Rear, A23RR Door Latch Assembly - Right Rear
55	EMPTY	-	-	Not Used
56	FUEL DOOR	KR132 Fuel Fill Door Lock Relay	-	M97 Fuel Fill Door Lock Actuator (N08)

NOTE:

Items listed below are diagnostic test points for Release System

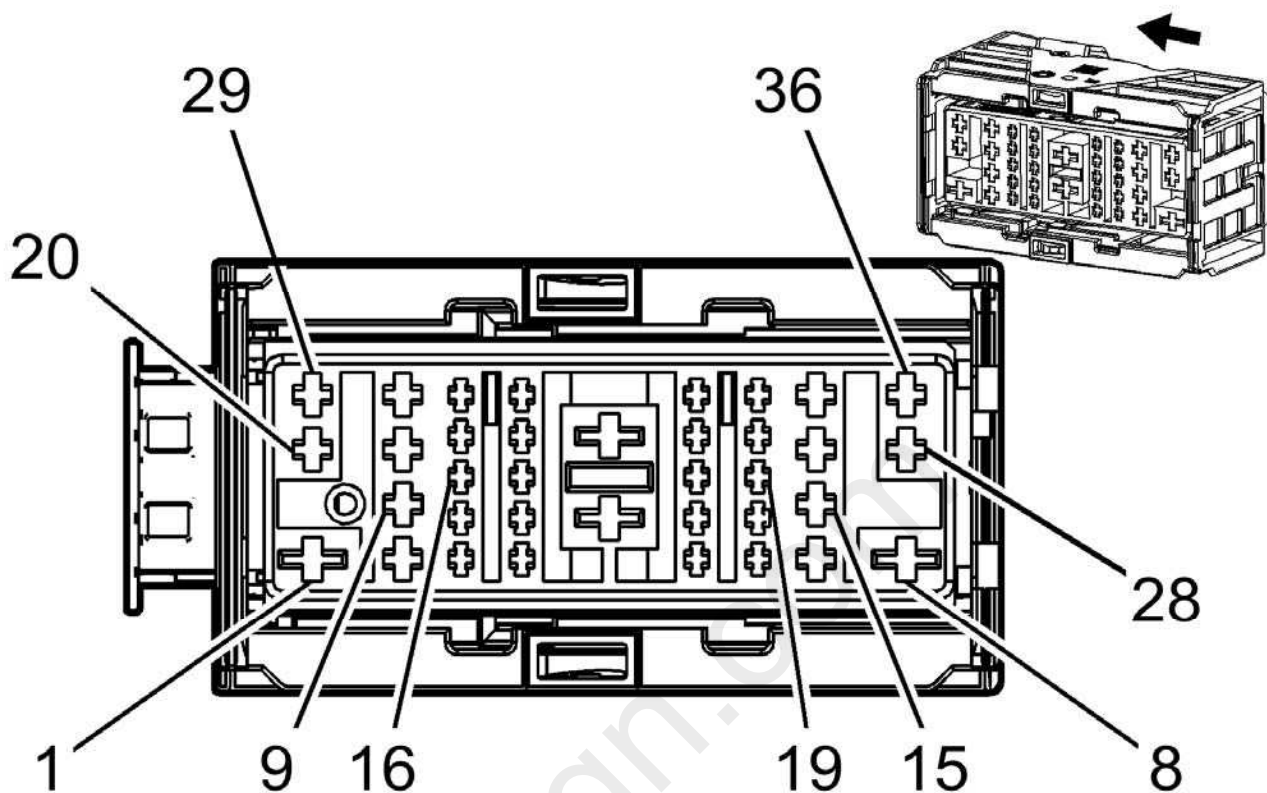
TP1	-	TP1	-	KR132 Fuel Fill Door Lock Relay (N08)
TP3	-	TP3	-	KR95B Rear Compartment Lid Unlatch Relay

NOTE:

Items listed below are diagnostic test points for Door Lock/Indicator System

TP2	-	TP2	-	KR114 Door Dead Lock Relay
TP4	-	TP4	-	KR113 Child Security Lock Disable Relay

X53A FUSE BLOCK - REAR BODY X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 13709529
- Service Connector: 13576555
- Description: 36-Way F 1.5/2.8/Ducon 6.3 Series (BK)

Terminal Part Information

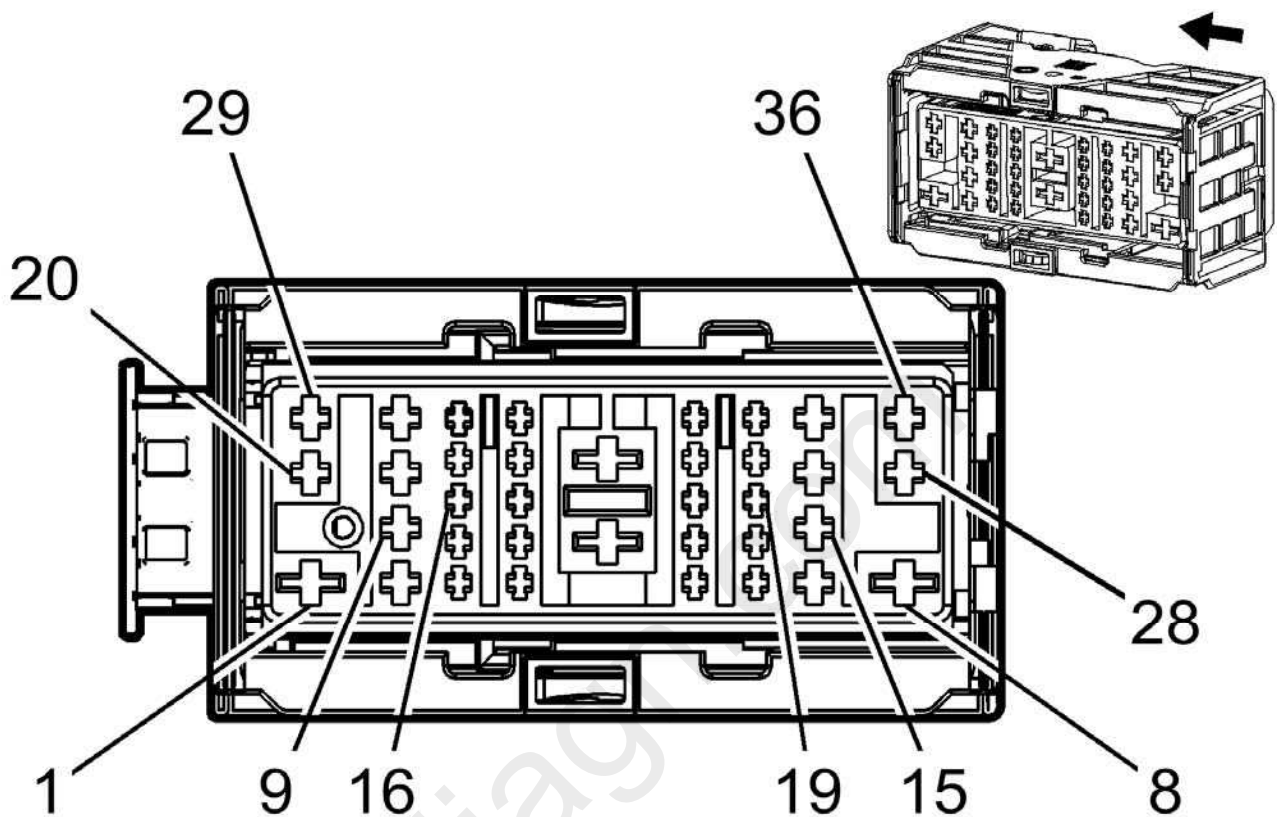
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575730	J-35616-42 (RD)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13581355	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
III	13578869	J-35616-14 (GN)	J-38125-560	962943-5	16	E	Not Available
IV	13327183	J-35616-35	J-38125-36	4-965999-1	25	4	A

		(VT)					
V	13581356	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
VI	13581355	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
VII	13575780	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A

X53A Fuse Block - Rear Body X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/GN	742	Battery Positive Voltage	I	V2S
2-3	-	-	-	Not Occupied	-	-
4	1	RD/BN	440	Battery Positive Voltage	V	-
5	0.5	RD/WH	2040	Battery Positive Voltage	VI	-
6-10	-	-	-	Not Occupied	-	-
11	0.35	RD/YE	2340	Battery Positive Voltage	II	-
12-15	-	-	-	Not Occupied	-	-
16	0.35	VT/GN	1339	Run/Crank Ignition 1 Voltage	II	UVC
17	-	-	-	Not Occupied	-	-
18	0.35	RD/BU	4540	Battery Positive Voltage	II	CE1, UG1 or UTU
19	1.5	RD/VT	340	Battery Positive Voltage	III	-
20	2	RD/GN	5140	Battery Positive Voltage	IV	F55
21	-	-	-	Not Occupied	-	-
22	0.75	VT/BK	739	Run/Crank Ignition 1 Voltage	V	KB6
23	1.5	RD/GY	2140	Battery Positive Voltage	III	-
24	-	-	-	Not Occupied	-	-
25	0.5	RD/VT	1940	Battery Positive Voltage	VI	-
26-27	-	-	-	Not Occupied	-	-
28	2	RD/VT	2640	Battery Positive Voltage	IV	-
29	0.75	RD/WH	4740	Battery Positive Voltage	VII	KA6
30	0.75	VT/WH	639	Run/Crank Ignition 1 Voltage	VII	DB3, KB6, UVC or V2S
31	0.75	VT/BK	739	Run/Crank Ignition 1 Voltage	V	KB6
32	-	-	-	Not Occupied	-	-
33	0.5 1	RD/WH RD/WH	640 640	Battery Positive Voltage Battery Positive Voltage	VI	G96 F46
34	0.35	RD/GN	3140	Battery Positive Voltage	II	-
35	2.5	VT/BN	1141	Run Ignition 3 Voltage	IV	V2S
36	-	-	-	Not Occupied	-	-

X53A FUSE BLOCK - REAR BODY X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 13709530
- Service Connector: 13576556
- Description: 36-Way F 1.5/2.8/Ducon 6.3 Series (GY)

Terminal Part Information

Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13575730	J-35616-42 (RD)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
II	13581356	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A
III	13581355	J-35616-14	J-38125-560	962943-5	16	E	A

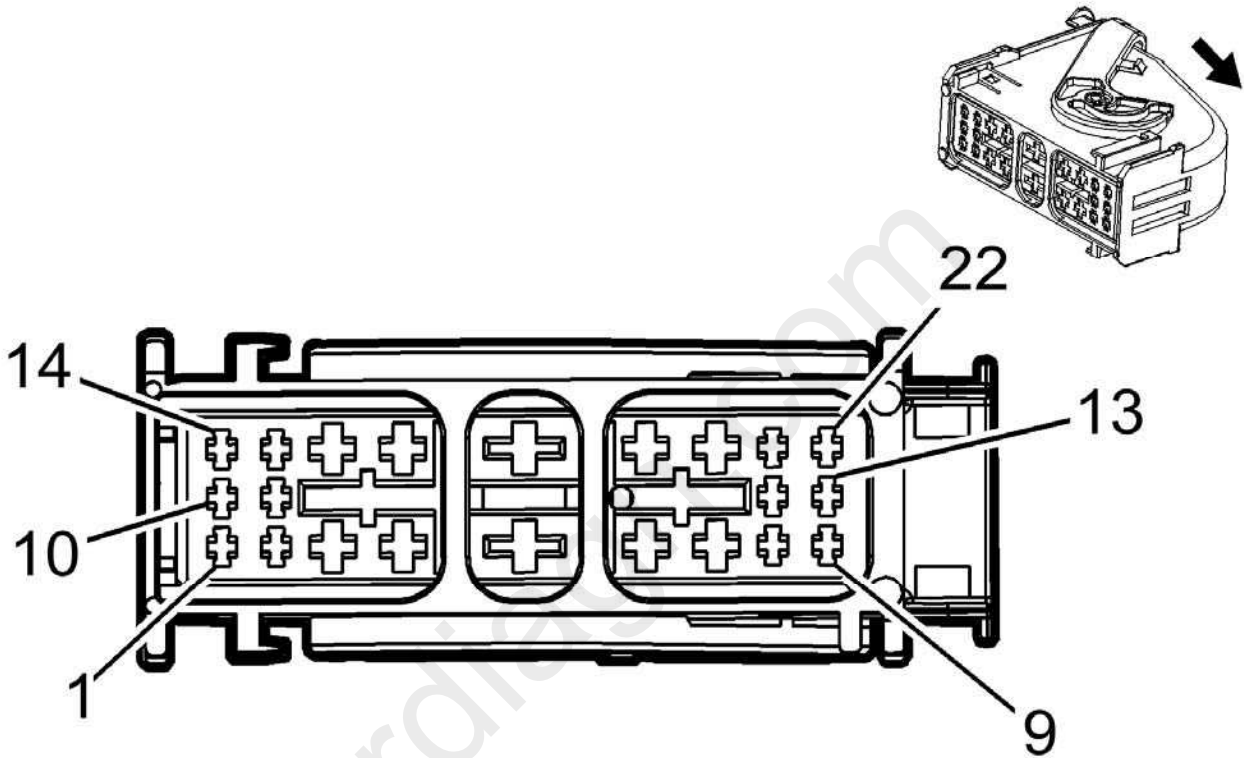
		(GN)					
IV	13581355	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
V	13575747	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
VI	13327183	J-35616-35 (VT)	J-38125-36	4-965999-1	25	4	A
VII	13575780	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A

X53A Fuse Block - Rear Body X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	2.5	RD/VT	1640	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	0.35	VT/BK	1239	Run/Crank Ignition 1 Voltage	IV	DB3 or V2S
4	0.35	RD/GN	3840	Battery Positive Voltage	IV	UFL ot UFT
5	0.5	RD/GN	2440	Battery Positive Voltage	III	-
6	-	-	-	Not Occupied	-	-
7	2.5	RD/GN	1540	Battery Positive Voltage	VI	V2S
8	2.5	BN/VT	293	Rear Defog Element Supply Voltage	I	-
9-10	-	-	-	Not Occupied	-	-
11	0.75	RD/BN	2240	Battery Positive Voltage	II	-
12	2.5	RD/WH	4042	Battery Positive Voltage	I	-
13	0.5 0.5	RD/BU RD/BU	3940 3940	Battery Positive Voltage Battery Positive Voltage	III	IO6 with MAW UE1
14	0.35	BN/VT	193	Rear Defog Relay Control	IV	-
15	3	RD/YE	3740	Battery Positive Voltage	V	-
16-18	-	-	-	Not Occupied	-	-
19	0.35	VT/YE	3267	Child Security Lock Relay Control	IV	-
20-23	-	-	-	Not Occupied	-	-
24	2.5	RD/WH	4042	Battery Positive Voltage	I	-
25-26	-	-	-	Not Occupied	-	-
27	1.5	BK	2550	Ground	VI	-
28	1	WH/BU	3266	Child Security Lock Motor Unlock Control	VII	-
29-30	-	-	-	Not Occupied	-	-
31	0.35	BN/YE	186	Fuel Door Lock Relay Control	IV	N08
32	0.35	BU/BN	7547	Security Lock Relay Control	IV	UTT
33	-	-	-	Not Occupied	-	-
34	0.35	GY/VT	3264	Logistic Mode Relay Close Control	IV	VPH

35	1.5	GY/GN	3271	Door Lock Control (2)	VI	-
36	1.5	GY	295	Door Lock Actuator Lock Control	VI	-

X53A FUSE BLOCK - REAR BODY X3



Connector Part Information

- Harness Type: Body
- OEM Connector: 13709539
- Service Connector: 19300574
- Description: 22-Way F Hybrid Series (BK)

Terminal Part Information

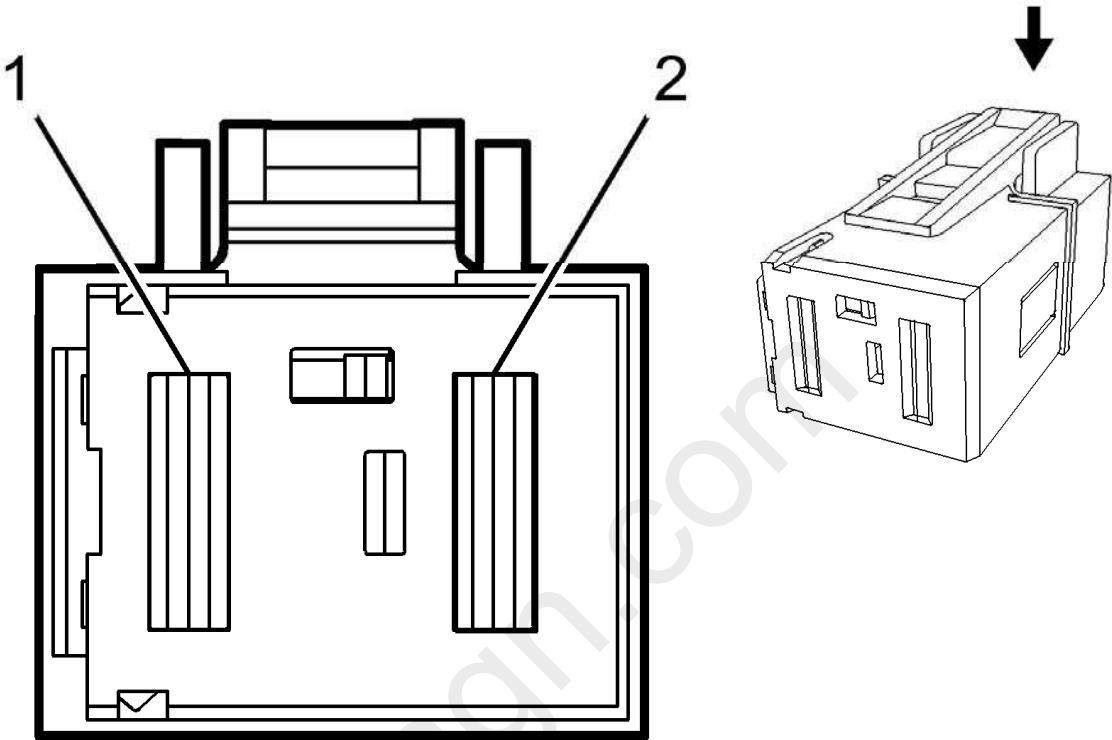
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	13581355	J-35616-14 (GN)	J-38125-560	962943-5	16	E	A

II	13578869	J-35616-14 (GN)	J-38125-560	962943-5	16	E	Not Available
III	13581355	J-35616-14 (GN)	J-38125-560	Not Available	Not Available	Not Available	Not Available
IV	13575780	J-35616-35 (VT)	J-38125-36	2-964284-1	25	E	A
V	13575730	J-35616-42 (RD)	J-38125-11A	Not Available	Not Available	Not Available	Not Available
VI	13327183	J-35616-35 (VT)	J-38125-36	4-965999-1	25	4	A

X53A Fuse Block - Rear Body X3

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	0.5	RD/YE	4340	Battery Positive Voltage	I	-
2	-	-	-	Not Occupied	-	-
3	2.5	RD/VT	4640	Battery Positive Voltage	VI	KI7
	2.5	RD/VT	4640	Battery Positive Voltage		KI6
4	2.5	RD/GY	642	Battery Positive Voltage	VI	-
5	2.5	RD/BU	1842	Battery Positive Voltage	V	-
6	-	-	-	Not Occupied	-	-
7	2.5	RD/VT	1242	Battery Positive Voltage	VI	G96
8	0.5	BU/WH	6128	Rear Closure Unlatch Motor Unlatch Control	I	-
9	0.35	BN/VT	5486	Run Relay Coil Control	III	V2S
10	1.5	RD/BU	2540	Battery Positive Voltage	II	-
11	0.35	VT/BU	3263	Logistic Mode Relay Open Control	III	VPH
12	0.35	BK	2550	Ground	III	-
13	-	-	-	Not Occupied	-	-
14	0.5	BN/YE	2267	Mirror Heating Element Supply Voltage	I	-
15	0.5	BN/YE	2267	Mirror Heating Element Supply Voltage	I	-
16	1	GY	5911	Door Lock Actuator Lock Control 2	IV	-
17	1	BN	5910	Door Double Lock Actuator Lock Control	IV	UTT
18	2.5	RD/BU	1842	Battery Positive Voltage	V	-
19	0.75	BU	6800	Fuel Door Lock/Unlock (1) Signal	IV	N08
20	1.5	BU/WH	195	Door Lock Control	VI	-
21	0.35	GY/YE	6188	Lift Glass/Trunk Motor Release Control	III	-
22	-	-	-	Not Occupied	-	-

X53A FUSE BLOCK - REAR BODY X4



Connector Part Information

- Harness Type: Body
- OEM Connector: 15344936
- Service Connector: 13285252
- Description: 2-Way F DUCON 9.5 Series (GN)

Terminal Part Information

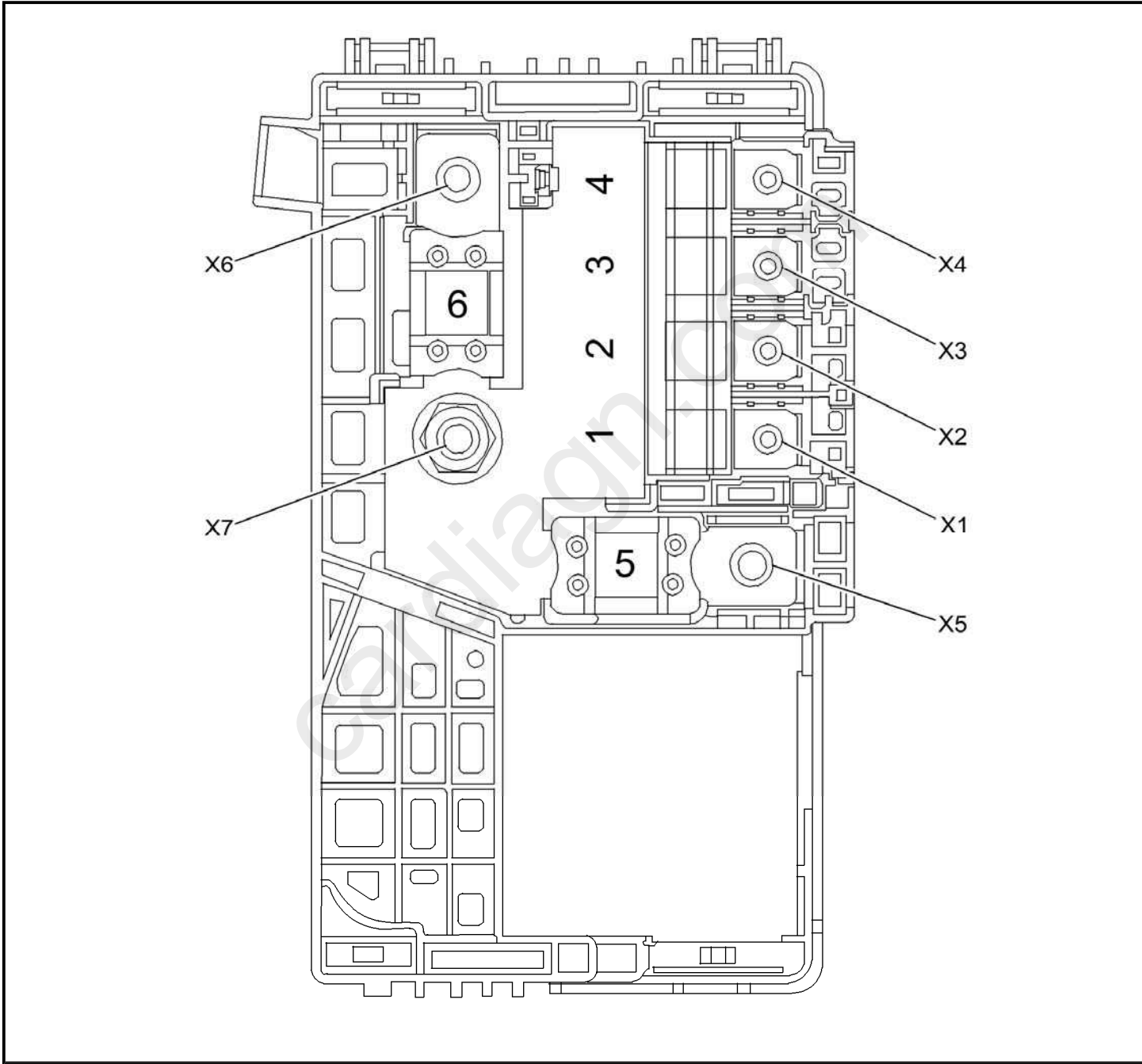
Terminal Type ID	Terminated Lead	Diagnostic Test Probe	Terminal Removal Tool	Service Terminal	Tray	Core Crimp	Insulation Crimp
I	Not Available	J-35616-35 (VT)	Not Available	Not Available	Not Available	Not Available	Not Available

X53A Fuse Block - Rear Body X4

						Terminal	
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Pin	Size	Color	Circuit	Function	Type ID	Option
1	6	RD/BU	42	Battery Positive Voltage	I	-
2	6	RD/GY	142	Battery Positive Voltage	I	-

X50D FUSE BLOCK - BATTERY TOP VIEW

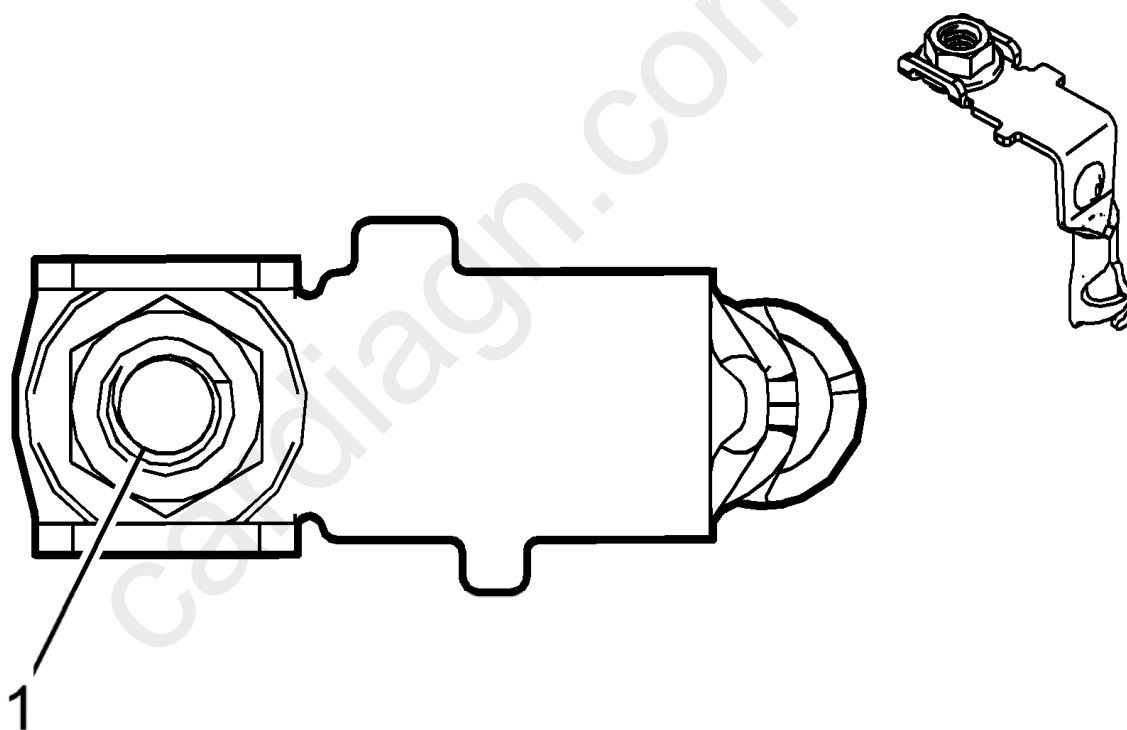


X50D Fuse Block - Battery Usage

	Device Label	Device Assigned		
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No.	Name	Name	Rating	Description
Fuses				
1	-	F1RB Fuse	60A	X53A Fuse Block - Rear Body
2	-	F2RB Fuse	60A	X53A Fuse Block - Rear Body
3	-	F3RB Fuse	100A	Not Used
4	-	F4RB Fuse	70A	Not Used
5	-	F5RB Fuse	250A	Not Used
6	-	F6RB Fuse	350A	X50B Fuse Block - Underhood Auxiliary, M64 Starter Motor

X50D FUSE BLOCK - BATTERY X1



Connector Part Information

- Harness Type: Body
- OEM Connector: 13262039
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

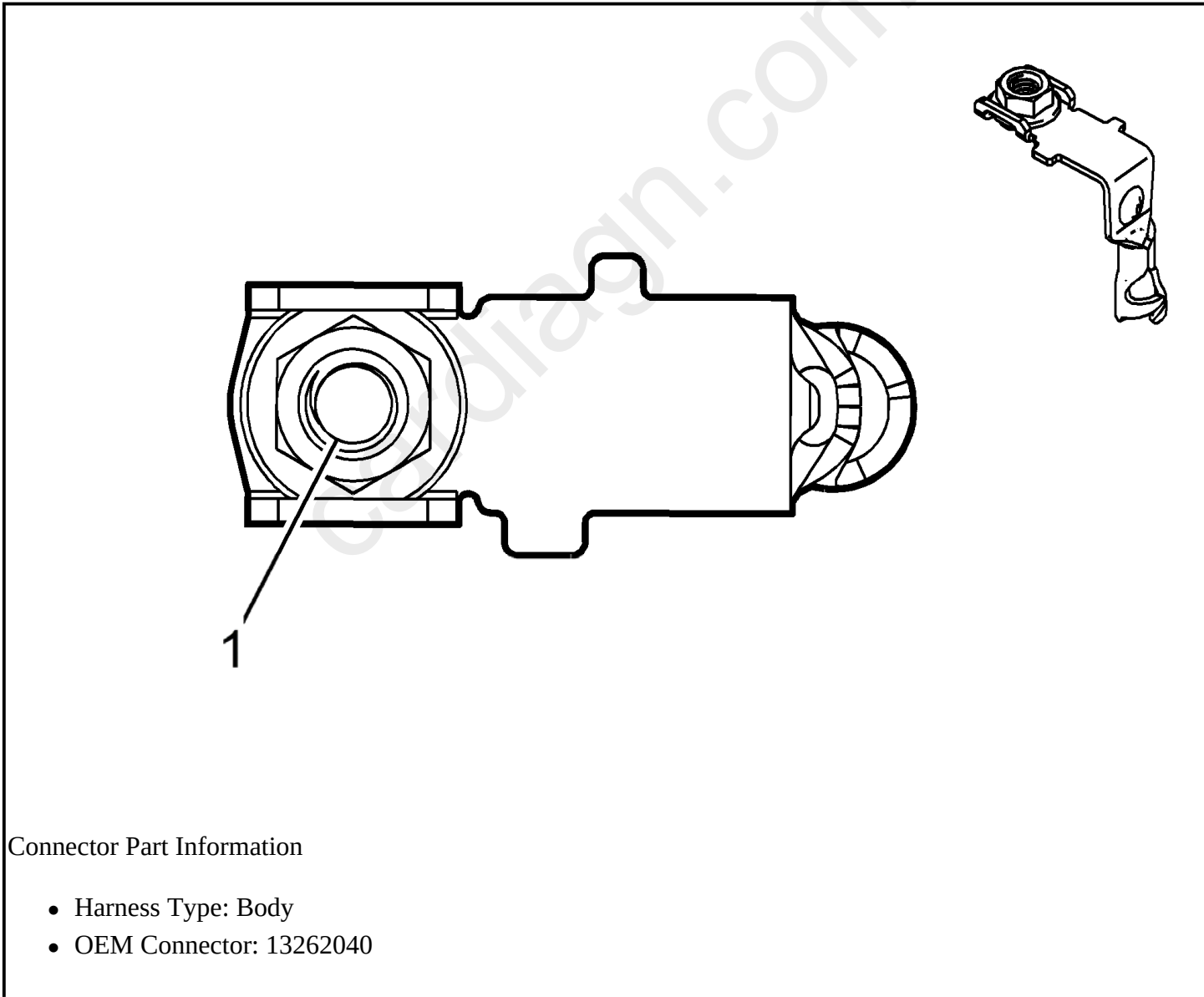
Terminal Part Information

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

X50D Fuse Block - Battery X1

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	6	RD/BU	42	Battery Positive Voltage	I	-

X50D FUSE BLOCK - BATTERY X2



Connector Part Information

- Harness Type: Body
- OEM Connector: 13262040

- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

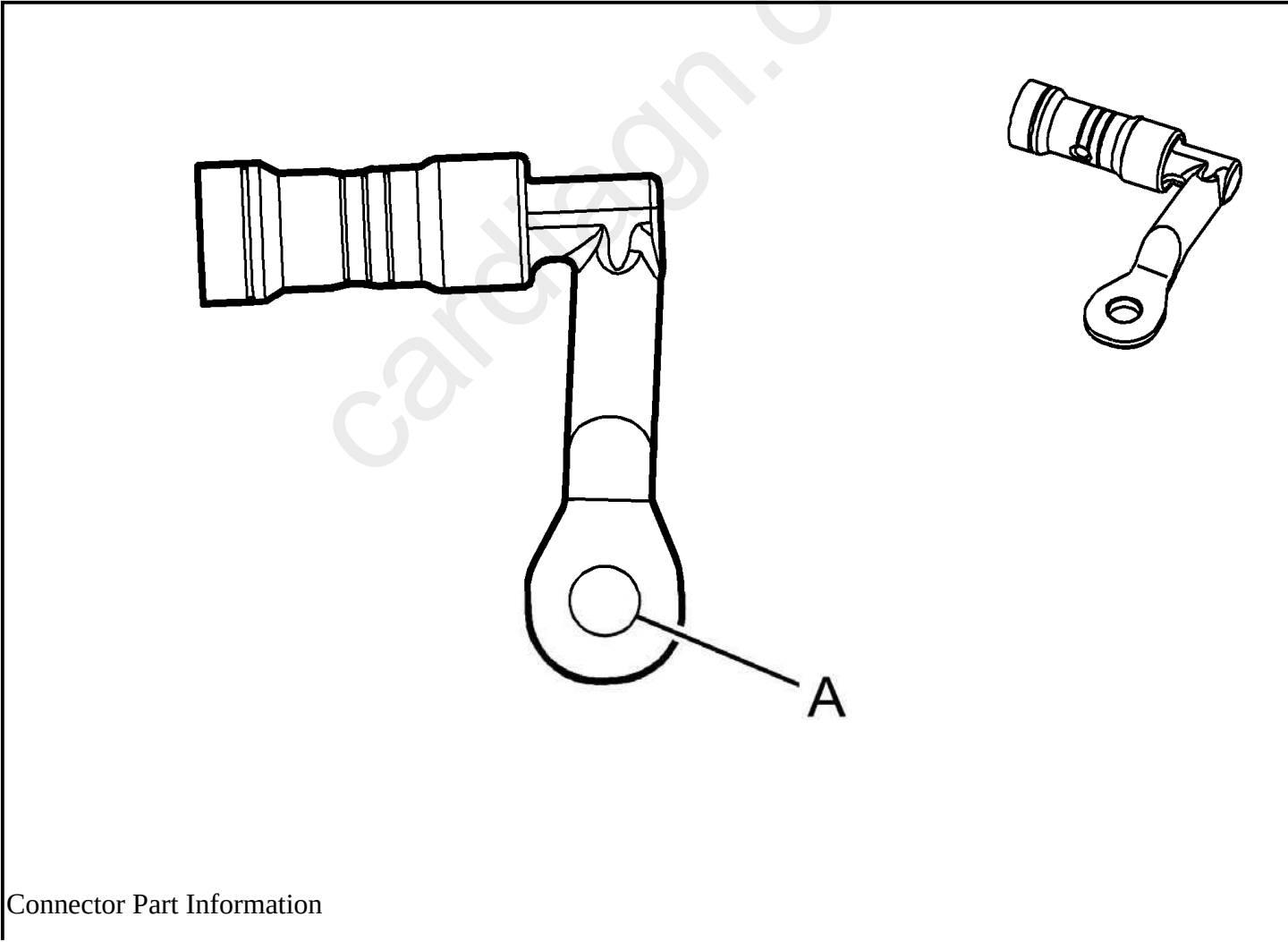
Terminal Part Information

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

X50D Fuse Block - Battery X2

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
1	6	RD/GY	142	Battery Positive Voltage	I	-

X50D FUSE BLOCK - BATTERY X6



Connector Part Information

- Harness Type: Battery Positive Body
- OEM Connector: Not Available
- Service Connector: Service by Cable Assembly - See Part Catalog
- Description: 1-Way Ring Terminal (NA)

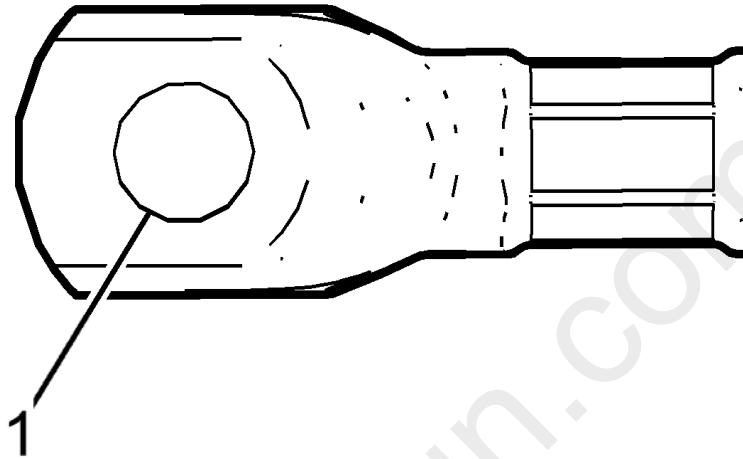
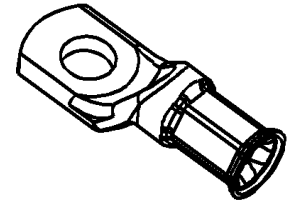
Terminal Part Information

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

X50D Fuse Block - Battery X6

Pin	Size	Color	Circuit	Function	Terminal Type ID	Option
A	85	RD	1	Unfused Battery Positive Voltage	I	-

X50D FUSE BLOCK - BATTERY X7



Connector Part Information

- Harness Type: Fuse Block - Battery
- OEM Connector: 10730988
- Service Connector: Service by Component 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

X50D Fuse Block - Battery X7

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