

2007 ELECTRICAL

Fuses & Circuit Breakers - Avalanche, Escalade, Suburban, Tahoe & Yukon

IDENTIFICATION

CAUTION: When battery is disconnected, vehicle computer and memory systems may lose memory data. Driveability problems may exist until computer systems have completed a relearn cycle. See **PROGRAMMING AND SETUP** article in GENERAL INFORMATION before disconnecting battery.

FUSIBLE LINKS

For information on fusible links and repairing them, refer to illustration. See **Fig. 1**.

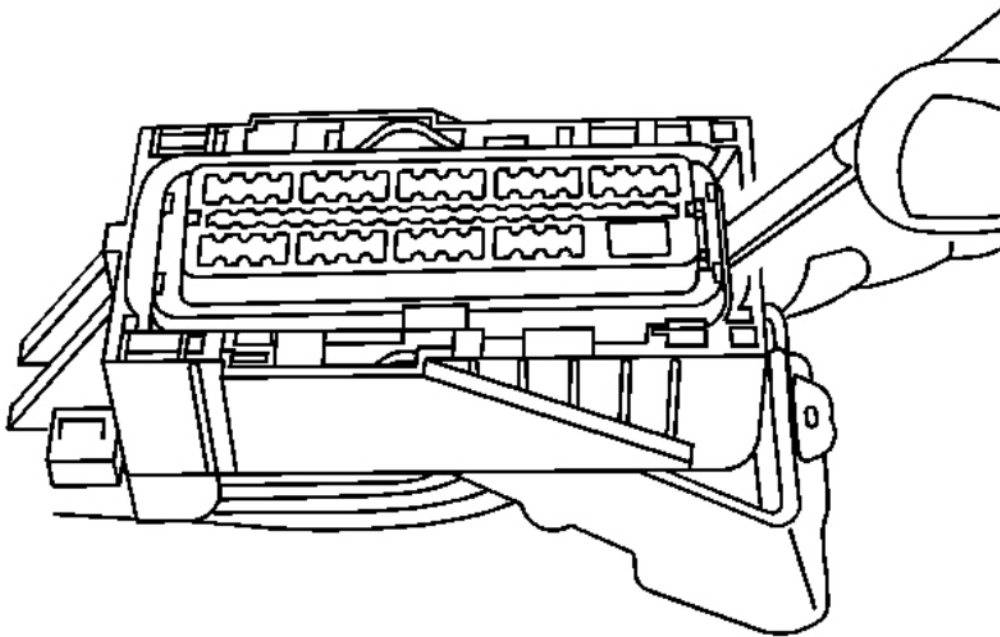


Fig. 1: Repairing Fusible Links
Courtesy of GENERAL MOTORS CORP.

INSTRUMENT PANEL FUSE BLOCK

NOTE: Instrument Panel (I/P) fuse block is located at the left side of the I/P behind the

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access panel.

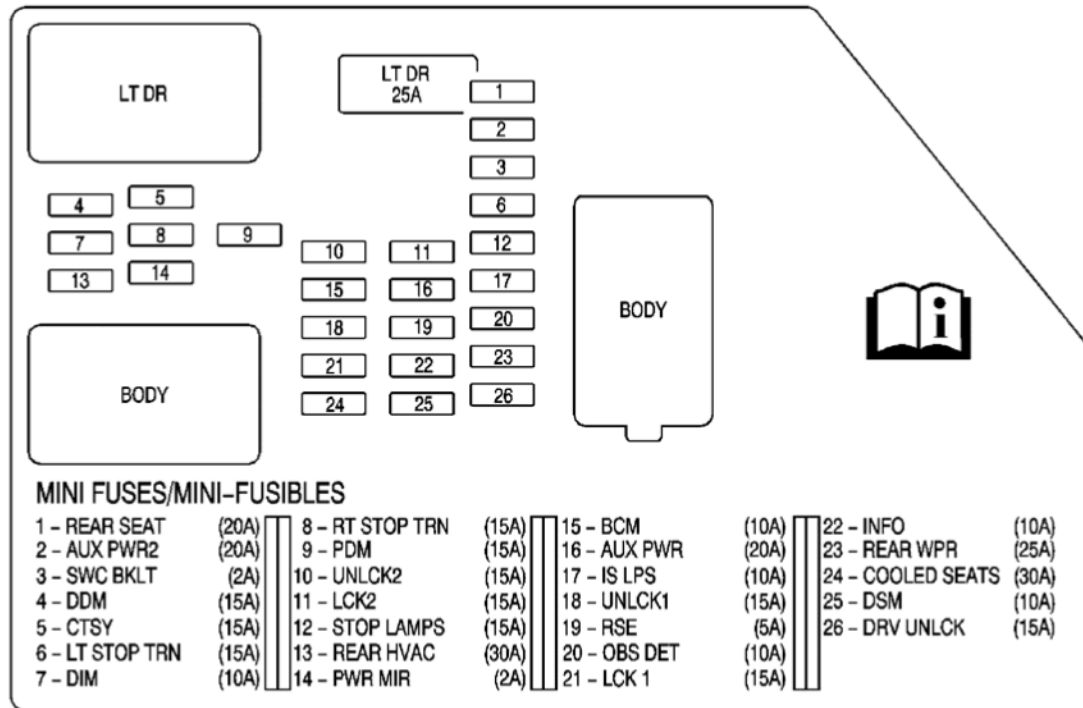


Fig. 2: Identifying Instrument Panel Fuse Block Components
Courtesy of GENERAL MOTORS CORP.

Fuse Block - I/P

Device	Rating	Description
AUX PWR Fuse	20A	Auxiliary Power Outlet - Bin, Auxiliary Power Outlet - Console, Auxiliary Power Outlet - Front - 1
AUX PWR2 Fuse	20A	Auxiliary Power Outlet - Rear
BCK/UP STOP Fuse	15A	Body Control Module (BCM)
BCM Fuse	10A	Body Control Module (BCM)
COOLED SEATS Fuse	30A	Climate Control Seat Module (KB6)
DDM Fuse	15A	Driver Door Module (DDM)
DIM Fuse	15A	Body Control Module (BCM)
DSM Fuse	10A	Memory Seat Module (AN3), Remote Control Door Lock Receiver (RCDLR)
IS LPS Fuse	20A	Body Control Module (BCM)
LCK1 Fuse	15A	Door Latch Assembly - LR, Door Latch Assembly - RR
LCK2 Fuse	15A	Endgate Lock Actuator
LT DR Circuit Breaker	25A	Driver Door Module (DDM), Window Switch - LR
LT STOP TRN Fuse	15A	Body Control Module (BCM)

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OBS DET Fuse	10A	Liftgate Module (LGM) (E61), Rear Object Sensor Control Module (UD7)
PDM Fuse	15A	Garage Door Opener (GDO) (UG1), Inside Rearview Mirror (ISRVM), Passenger Door Module (PDM), Roof Beacon Switch (5G4)
REAR HVAC Fuse	30A	Blower Motor Control Module - Auxiliary
REAR SEAT Fuse	20A	Folding Seat Motor - LR (ARS), Folding Seat Motor - RR (ARS), Heated Seat Module - Rear (KA6)
REAR WPR Fuse	25A	Rear Window Wiper Motor (E52)
RT STOP TRN Fuse	15A	Body Control Module (BCM)
SWC BKLT Fuse	2A	Steering Wheel Control Switch Assembly - Left, Steering Wheel Control Switch Assembly - Right
UNLCK1 Fuse	15A	Door Latch Assembly - LR, Door Latch Assembly - RR
UNLCK2 Fuse	15A	Endgate Lock Actuator
WSW PUMP Fuse	15A	Body Control Module (BCM)

INSTRUMENT PANEL LEFT JUNCTION BLOCK

NOTE: Instrument panel left junction block is located below the instrument panel to the left of the steering column.

CIRCUIT BREAKERS

CB1 = RT DOORS (25A)

CB2 = PASS SEAT 1 (25A)

CB3 = DRIVER SEAT 2 (25A)

CB4 = PWR REAR WNDW (25A)

Fig. 3: Identifying Instrument Panel Relay Block Components

Junction Block - Left I/P

Device	Rating	Description
DRIVER SEAT 2 Circuit Breaker	25A	Memory Seat Module (AN3), Seat Adjuster Switch - Driver (AG1 Except AN3)
PASS SEAT 1 Circuit	25A	Seat Adjuster Switch - Passenger, Seat Lumbar Switch -

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Breaker		Passenger (AN3)
PWR REAR WNDW Circuit Breaker	25A	Not Used
RT DOORS Circuit Breaker	25A	Passenger Door Module (PDM), Window Switch - RR

UNDERHOOD FUSE BLOCK

NOTE: Underhood fuse block is located at the left side of the engine compartment to the rear of the battery.

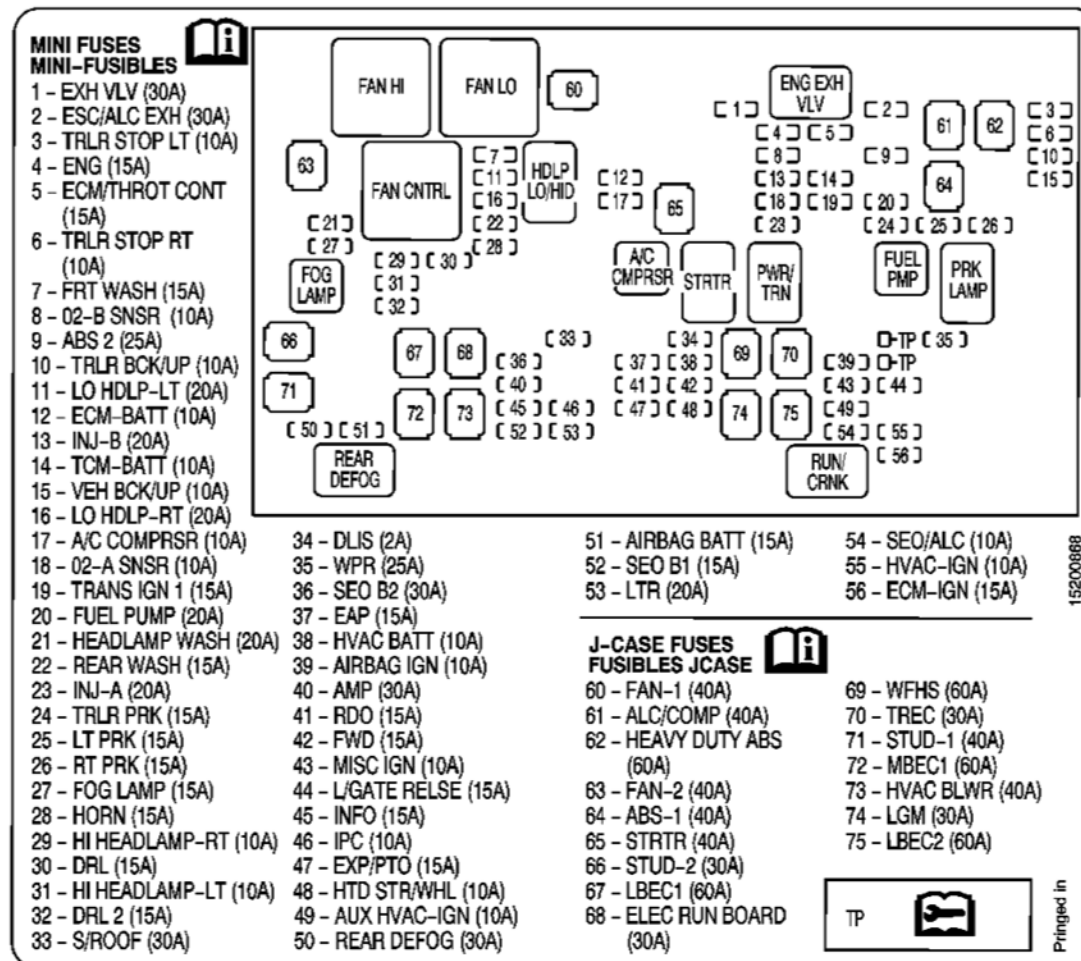


Fig. 4: Identifying Underhood Fuse Block Components
Courtesy of GENERAL MOTORS CORP.

Fuse Block - Underhood

No.	Device	Rating	Description

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1	EXH VLV Fuse	30A	Not Used
2	ESC/ALC EXH Fuse	30A	Automatic Level Control (ALC) Compressor (G69), Electronic Suspension Control (ESC) Module (Z55)
3	TRLR STOP LT Fuse	10A	Trailer Wiring, Auxilliary Body Control Module (XBCM) (Export)
4	ENG Fuse	15A	Evaporative Emissions (EVAP) Canister Purge Solenoid Valve, Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor, Valve Lifter Oil Manifold (VLOM) Assembly (AFM)
5	ECM/THROT CONT Fuse	15A	Engine Control Module (ECM)
6	TRLR STOP RT Fuse	10A	Trailer Wiring, Auxiliary Body Control Module (XBCM) (Export)
7	FRT WASH Fuse	15A	Windshield Washer Fluid Pump
8	O2-B SNSR Fuse	10A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2
9	ABS 2 Fuse	25A	Electronic Brake Control Module (EBCM)
10	TRLR BCK/UP Fuse	10A	Trailer Wiring
11	LO HDLP-LT Fuse	20A	Headlamp - Left (Z88), Headlamp - Low Beam - Left (X88), Headlamp Ballast - Left (Z75)
12	ECM-BATT Fuse	10A	Engine Control Module (ECM)
13	INJ-B Fuse	20A	Fuel Injector 2, Fuel Injector 4, Fuel Injector 6, Fuel Injector 8, Ignition Coil 2, Ignition Coil 4, Ignition Coil 6, Ignition Coil 8
14	TCM-BATT Fuse	10A	Evaporative Emissions (EVAP) Canister Vent Solenoid Valve, Transmission Control Module (TCM)
15	VEH BCK/UP Fuse	10A	Backup Lamp - Left, Backup Lamp - Right
16	LO HDLP-RT Fuse	20A	Headlamp - Right (Z88), Headlamp - Low Beam - Right (X88), Headlamp Ballast - Right (Z75)
17	A/C CMPRSR Fuse	10A	A/C Compressor Clutch
18	O2-A SNSR Fuse	10A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1
19	TRANS IGN 1 Fuse	15A	Transmission Control Module (TCM), 1-2 Shift Solenoid (1-2 SS) Valve, 2-3 Shift Solenoid (2-3 SS) Valve, 3-2 Shift Solenoid (3-2 SS) Valve (M30/M70), Torque Converter Clutch (TCC) Solenoid Valve (M30/M70), Torque Converter Clutch Pulse Width Modulation (TCC PWM) Solenoid Valve
20	FUEL PUMP Fuse	20A	Fuel Pump and Sender Assembly - Primary
21	HEADLAMP WASH Fuse	20A	Headlamp Washer Relay (CE4)
22	REAR WASH Fuse	15A	Rear Window Washer Fluid Pump (E52)
23	INJ-A Fuse	20A	Fuel Injector 1, Fuel Injector 3, Fuel Injector 5, Fuel Injector 7, Ignition Coil 1, Ignition Coil 3, Ignition Coil 5, Ignition Coil 7
24	TRLR PRK Fuse	15A	Trailer Wiring

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25	LT PRK Fuse	15A	License Lamp - Left, License Lamp - Right, Marker Lamp - LF, Park/Turn Signal Lamp - LF (X88/Z88), Park Lamp - LF (Z75), Tail Lamp Circuit Board - Left (Z75 w/E52), Marker Lamp - LR (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp - Lower Left (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp - Upper Left (Except Z75 w/E52)
26	RT PRK Fuse	15A	Tail Lamp Circuit Board - Right (Z75 w/E52), Marker Lamp - RF, Park Lamp - RF (Z75), Park/Turn Signal Lamp - RF (X88/Z88), Tail/Stop and Turn Signal Lamp - Lower Right (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp - Lower Right (Except Z75 w/E52), Marker Lamp - RR (Except Z75 w/E52)
27	FOG LAMP Fuse	15A	Fog Lamp - LF (T96), Fog Lamp - LF (T96)
28	HORN Fuse	15A	Horn - Left, Horn - Right
29	HI HEADLAMP-RT Fuse	10A	Headlamp - Right (Z88), Headlamp - High Beam - Right (X88/Z75)
30	DRL Fuse	15A	Daytime Running Lamp (DRL) - Left (Z75/X88), Daytime Running Lamp (DRL) - Right (Z75/X88), DRL 2 Fuse (Z88)
31	HI HEADLAMP-LT Fuse	10A	Headlamp - Left (Z88), Headlamp - High Beam - Right (X88/Z75)
32	DRL 2 Fuse	15A	LO HDLP - LT Fuse (Z88), LO HDLP - RT Fuse (Z88)
33	S/ROOF Fuse	30A	Sunroof Module (CF5), Roof Beacon Relay (5G4)
34	DLIS Fuse	2A	Ignition Switch, Theft Deterrent Module (TDM)
35	WPR Fuse	25A	Wiper 1 PCB Relay
36	SEO B2 Fuse	30A	Not Used
37	EAP Fuse	15A	PARK ENABLE Relay, ELECTRONIC ADJUSTABLE PEDALS Relay, Folding Seat Switch - Front (ARS), Folding Seat Switch - LR (ARS), Folding Seat Switch - RR (ARS), I/P Multifunction Accessory Switch
38	HVAC BATT Fuse	10A	HVAC Control Module
39	AIRBAG IGN Fuse	10A	Inflatable Restraint Sensing and Diagnostic Module (SDM), Inflatable Restraint Passenger Air Bag ON/OFF Indicator
40	AMP Fuse	30A	Audio Amplifier (UQA/UQS)
41	RDO Fuse	15A	Analog Clock (Z75), Digital Radio Receiver (U2K), Radio, Rear Seat Audio (RSA) Controller (UK6)
42	FWD Fuse	15A	Front Axle Actuator (NP8)
43	MISC IGN Fuse	10A	Auxiliary Body Control Module (XBCM) (Export), Climate Control Seat Module (KB6), Stop Lamp Switch, Transfer Case Shift Control Switch (NP8), Rearview Camera Module (UVC)
44	L/GATE RELSE Fuse	15A	Liftgate Latch Assembly (E52)

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45	INFO Fuse	15A	Front Video Display (U42), Rear Video Display (DNU), Vehicle Communication Interface Module (VCIM) (UE1)
46	IPC Fuse	10A	Body Control Module (BCM), Instrument Panel Cluster (IPC)
47	EXP/PTO Fuse	15A	Auxiliary Body Control Module (XBCM) (Export)
48	HTD STR/WHL Fuse	10A	Heated Steering Wheel Module (KA9)
49	AUX HVAC-IGN Fuse	10A	Instrument Panel Cluster (IPC), Inside Rearview Mirror (ISRVM), Mode Actuator - Auxiliary, Temperature Actuator - Auxiliary
50	REAR DEFOG Fuse	30A	Defogger Grid
51	AIRBAG BATT Fuse	15A	Inflatable Restraint Passenger Presence System (PPS) Module, Inflatable Restraint Sensing and Diagnostic Module (SDM), Inflatable Restraint Vehicle Rollover Sensor (ASF)
52	SEO B1 Fuse	15A	Auxiliary Body Control Module (XBCM) (Export)
53	LTR Fuse	20A	Auxiliary Power Outlet - Front 1, Data Link Connector (DLC)
54	SEO/ALC Fuse	10A	Automatic Level Control (ALC) Compressor Relay (G69)
55	HVAC-IGN Fuse	10A	Air Temperature Actuator - Left, Air Temperature Actuator - Right, Mode Actuator, Recirculation Actuator
56	ECM-IGN Fuse	15A	Engine Control Module (ECM), Fuel Pump Relay - Secondary (Except NQZ)
60	FAN-1 Fuse	40A	FAN LO PCB Relay
61	ALC/COMP Fuse	40A	Automatic Level Control (ALC) Compressor Relay (G69)
62	HEAVY DUTY ABS Fuse	60A	Electronic Brake Control Module (EBCM)
63	FAN-2 Fuse	40A	FAN HI PCB Relay
64	ABS-1 Fuse	40A	Electronic Brake Control Module (EBCM)
65	STRTR Fuse	40A	Starter
66	STUD-2 Fuse	30A	Blunt Cut Wire
67	LBEC1 Fuse	60A	AUX PWR 2 Fuse, REAR WPR Fuse, PDM Fuse, AUX PWR Fuse
68	ELEC RUN BOARD Fuse	30A	Articulating Running Board (ARB) Module (BRS)
69	WFHS Fuse	60A	Windshield Washer Solvent Heater (XA7)
70	TREC Fuse	30A	Transfer Case Encoder Motor (NP8), Transfer Case Shift Control Module (NP8)
71	STUD-1 Fuse	40A	Trailer Wiring
72	MBEC1 Fuse	60A	DRIVER SEAT 2 Circuit Breaker, PASSENGER SEAT 1 Circuit Breaker, RT DOORS Circuit Breaker
73	HVAC BLWR Fuse	40A	Blower Motor Control Module
74	LGM Fuse	30A	Liftgate Module (LGM) (E61)
			BCM Fuse, COOLED SEATS Fuse, DDM Fuse, DIM

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75	LBEC2 Fuse	60A	Fuse, DSM Fuse, REAR HVAC Fuse, RT STOP TRN Fuse, WSW PUMP Fuse
-	A/C CMPRSR Relay	-	A/C CMPRSR Fuse
-	ENG EXH VLV Relay	-	AXH VLV Fuse
-	FAN CNTRL Relay	-	FOG LAMP Fuse
-	FOG LAMP Relay	-	FOG LAMP Fuse
-	FUEL PMP Relay	-	FUEL PUMP Fuse
-	HDLP LO/HID Relay	-	LO HDLP - LT Fuse, LO HDLP - RT Fuse, DRL 2 Fuse
-	PRK LAMP Relay	-	LT PRK Fuse, RT PRK Fuse, TRLR PRK Fuse
-	PWR/TRN Relay	-	ECM/THROT CONT Fuse, ENG Fuse, INJ-A Fuse, INJ-B Fuse, O2-A SNSR Fuse, O2-B SNSR Fuse, FAN CNRTL PCB Relay, FAN HI PCB Relay, FAN LO PCB Relay
-	REAR DEFOG Relay	-	REAR DEFOG Fuse
-	RUN/CRNK Relay	-	AIRBAG Fuse, AUX HVAC-IGN Fuse, IGN Fuse, ECM-IGN Fuse, MISC IGN Fuse, SEO/ALC Fuse, TRANS IGN 1 Fuse
-	STRTR Relay	-	STRTR Fuse
Note: Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block.			
-	BCK/UP LAMP PCB Relay	-	VEH BCK/UP Fuse, TRLR BCK/UP Fuse
-	DRL PCB Relay	-	DRL Fuse
-	ELECTRONIC ADJUSTABLE PEDALS PCB Relay	-	Adjustable Pedals Assembly (JF4 Except AN3)
-	FAN CNTRL PCB Relay	-	Cooling Fan - Right
-	FAN HI PCB Relay	-	Cooling Fan - Right, FAN CNTRL Relay
-	FAN LO PCB Relay	-	Cooling Fan - Left
-	FRT WASH PCB Relay	-	FRT WASH Fuse
-	HI BEAM PCB Relay	-	HI HEADLAMP - LT Fuse, HI HEADLAMP - RT Fuse
-	HORN PCB Relay	-	HORN Fuse
-	L/GATE PCB Relay	-	L/GATE RELSE Fuse
-	LOCK/UNLOCK PCB Relay	-	LCK 1 Fuse, LCK 2 Fuse, UNLCK 1 Fuse, UNLCK 2 Fuse
-	PARK ENABLE PCB Relay	-	Folding Seat Switch - Front (ARS), Folding Seat Switch - LR (ARS), Folding Seat Switch - RR (ARS), I/P Multifunction Switch Assembly
-	REAR WASH PCB Relay	-	REAR WASH Fuse
-	RUN PCB Relay	-	FWD Fuse, HTD STR/WHL Fuse
-	TRLR STOP LT PCB Relay	-	TRLR STOP LT Fuse
	TRLR STOP RT PCB		

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-	Relay	-	TRLR STOP RT Fuse
-	WIPER 1 PCB Relay	-	Wiper 2 PCB Relay
-	WIPER 2 PCB Relay	-	Windshield Wiper Motor