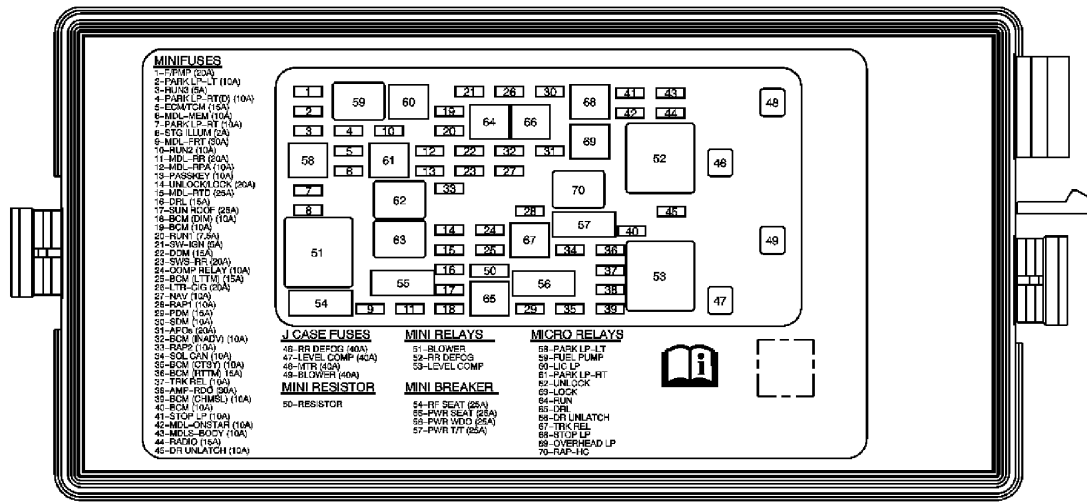


# 2008 Buick Lucerne CX

## 2008 ELECTRICAL Wiring Systems & Power Management - Lucerne

### FUSE BLOCK - REAR LABEL



**Fig. 25: Fuse Block - Rear Label**  
 Courtesy of GENERAL MOTORS CORP.

### Fuse Block - Rear Label Usage

No.	Device	Rating	Description
1	F/PMP Fuse	20A	Fuel Pump and Sender Assembly
2	PARK LP-LT Fuse	10A	Tail Lamp Assembly - Left, Headlamp Assembly - Left Front, Tail Lamp Assembly - Left Auxiliary
3	RUN3 Fuse	5A	Not Used
4	PARK LP-RT (D) Fuse	10A	Tail Lamp Assembly - Right, Tail Lamp Assembly - Right Auxiliary, Headlamp Assembly - Right Front, License Lamps
5	ECM/TCM Fuse	15A	Engine Control Module (ECM), Transmission Control Module (TCM) (LD8), Powertrain Control Module (PCM) (L26)
6	MDL-MEM Fuse	10A	Memory Seat Module (MSM) (A45)
7	PARK LP-RT Fuse	10A	(Z75)
8	STG ILLUM Fuse	2A	Steering Wheel Control Switch Illumination
9	MDL-FRT Fuse	30A	Climate Control Seat Module - Front
10	RUN2 Fuse	10A	Climate Control Seat Module - Front (KB6), Floor Shifter Assembly
11	MDL-RR Fuse	20A	Not Used
12	MDL-RPA Fuse	10A	Object Alarm Module (UD7) Side Object Detection - Left (UFT), Side Object Detection - Right (UFT)
			Theft Deterrent Module (TDM), Data Link

## 2008 Buick Lucerne CX

### 2008 ELECTRICAL Wiring Systems & Power Management - Lucerne

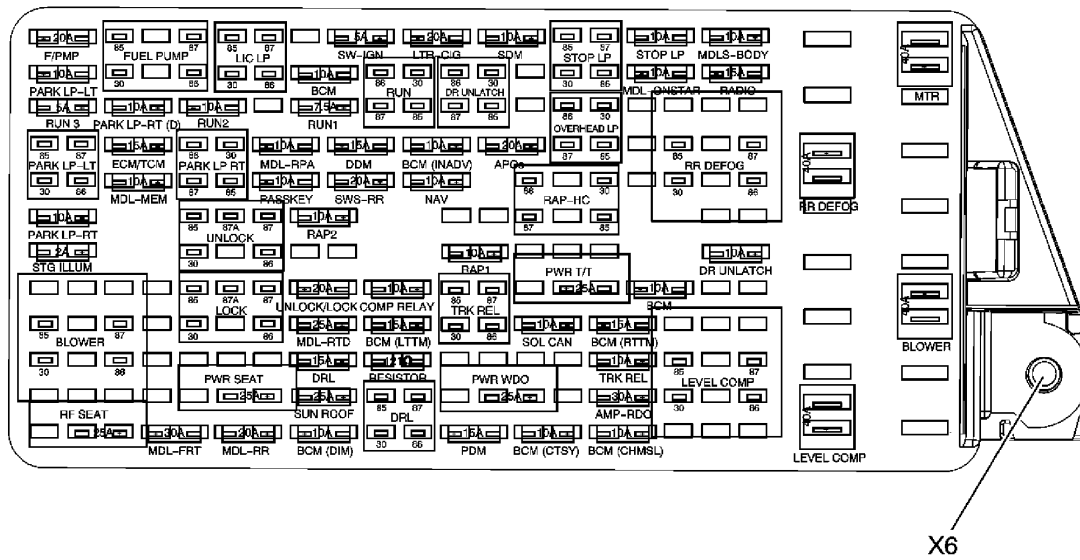
13	PASSKEY Fuse	10A	Connector (DLC), Instrument Panel Cluster (IPC), HVAC Control Module
14	UNLOCK/LOCK Fuse	20A	UNLOCK Relay 62, LOCK Relay 63
15	MDL-RTD Fuse	25A	Electronic Suspension Control Module (F55)
16	DRL Fuse	15A	DRL Headlamps
17	SUN ROOF Fuse	25A	Sunroof Control Module (CF5)
18	BCM (DIM) Fuse	10A	Body Control Module (BCM)
19	BCM Fuse	10A	Body Control Module (BCM)
20	RUN1 Fuse	7.5A	Heated Steering Wheel Control Module (NR7)
21	SW-IGN Fuse	5A	Ignition Switch
22	DDM Fuse	15A	Driver Door Module (DDM)
23	SWS-RR Fuse	20A	(Z75)
24	COMP RELAY Fuse	10A	LEVEL COMP Relay 53, Automatic Level Control (ALC) Compressor, Automatic Level Control Module (FE1/F55)
25	BCM (LTTN) Fuse	15A	Body Control Module (BCM)
26	LTR-CIG Fuse	20A	Cigar Lighter, Auxiliary Power Outlet - Console (A51)
27	NAV Fuse	10A	(Z75)
28	RAP1 Fuse	10A	Floor Shifter Assembly (A51), Park Switch (A51)
29	PDM Fuse	15A	Front Passenger Door Module (FPDM)
30	SDM Fuse	10A	Inflatable Restraint Sensing and Diagnostic Module (SDM), Inflatable Restraint Passenger Presence System (PPS) Module
31	APOs Fuse	20A	Auxiliary Power Outlet - Front
32	BCM (INADV) Fuse	10A	Body Control Module (BCM)
33	RAP2 Fuse	10A	Inside Rearview Mirror, Outside Moisture Sensor (CE1), Sunroof Control Module (CF5)
34	SOL CAN Fuse	10A	Evaporative Emission (EVAP) Valve Canister Vent Solenoid
35	BCM (CTSY) Fuse	10A	Body Control Module (BCM)
36	BCM (RTTN) Fuse	15A	Body Control Module (BCM)
37	TRK REL Fuse	10A	Rear Compartment Lid Latch
38	AMP-RDO Fuse	30A	Amplifier (UQA)
39	BCM (CHMSL) Fuse	10A	Body Control Module (BCM)
40	BCM Fuse	10A	Body Control Module (BCM)
41	STOP LP Fuse	10A	Not Used
42	MDL-ONSTAR Fuse	10A	Vehicle Communication Interface Module (VCIM) (UE1)
43	MDLS-BODY Fuse	10A	Lane Departure Warning Camera (UFL), Garage Door Opener Transmitter, Remote Control Door Lock Receiver (RCDLR)

## 2008 Buick Lucerne CX

### 2008 ELECTRICAL Wiring Systems & Power Management - Lucerne

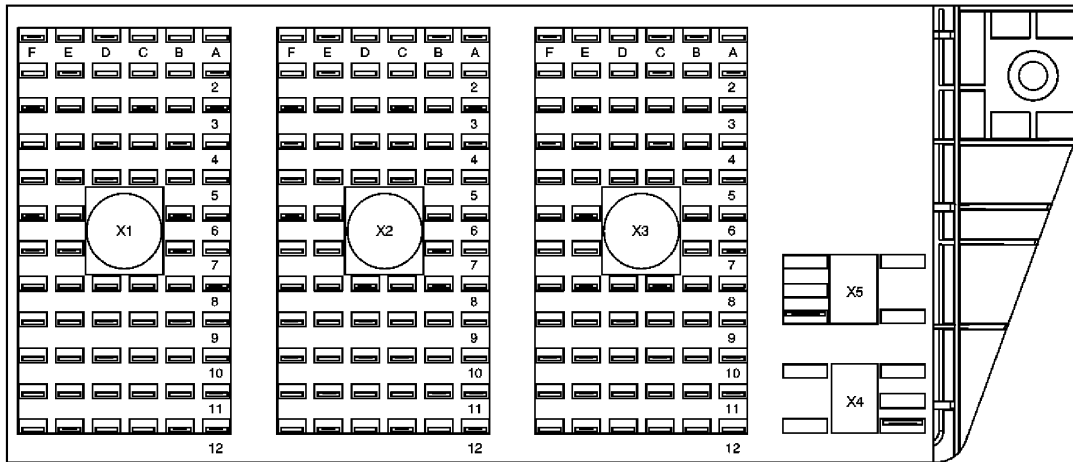
44	RADIO Fuse	15A	Radio, Digital Radio Receiver (U2K)
45	DR UNLATCH Fuse	10A	(Z75)
46	RR DEFOG Fuse	40A	RR DEFOG Relay 52
47	LEVEL COMP Fuse	40A	LEVEL COMP Relay 53
48	MTR Fuse	40A	Blower Motor Control Module (CJ2)
49	BLOWER Fuse	40A	Blower Motor Control Module (C67)
50	RESISTOR	121 ohms	Data Link Communication
51	BLOWER Relay	-	(Z75)
52	RR DEFOG Relay	-	Rear Window Defogger
53	LEVEL COMP Relay	-	Automatic Level Control (ALC) Compressor (FE1/F55)
54	RF SEAT Circuit Breaker	25A	Seat Adjuster Switch - Passenger, Lumbar Adjuster Switch - Passenger (AE8/AG2)
55	PWR SEAT Circuit Breaker	25A	Seat Adjuster Switch - Driver, Memory Seat Module (MSM) (AG1/AE8/A45)
56	PWR WDO Circuit Breaker	25A	Driver Door Module (DDM), Front Passenger Door Module (FPDM), Window Switch - Left Rear Door, Window Switch - Right Rear Door
57	PWR T/T Circuit Breaker	25A	Memory Seat Module (MSM) (A45/N38)
58	PARK LP-LT Relay	-	PARK LP-LT, PARK LP-RT Fuses
59	FUEL PUMP Relay	-	F/PMP Fuse 1
60	LIC LP Relay	-	Not Used
61	PARK LP-RT Relay	-	Not Used
62	UNLOCK Relay	-	Door Latch Assembly - Left Rear, Door Latch Assembly - Right Rear
63	LOCK Relay	-	Door Latch Assembly - Left Rear, Door Latch Assembly - Right Rear
64	RUN Relay	-	RUN1, RUN2 Fuses
65	DRL Relay	-	DRL Fuse
66	DR UNLATCH Relay	-	Not Used
67	TRK REL Relay	-	TRK REL Fuse
68	STOP LP Relay	-	Not Used
69	OVERHEAD LP Relay	-	Not Used
70	RAP-HC Relay	-	RAP1, RAP2, SUN ROOF Fuses

**FUSE BLOCK - REAR TOP VIEW**



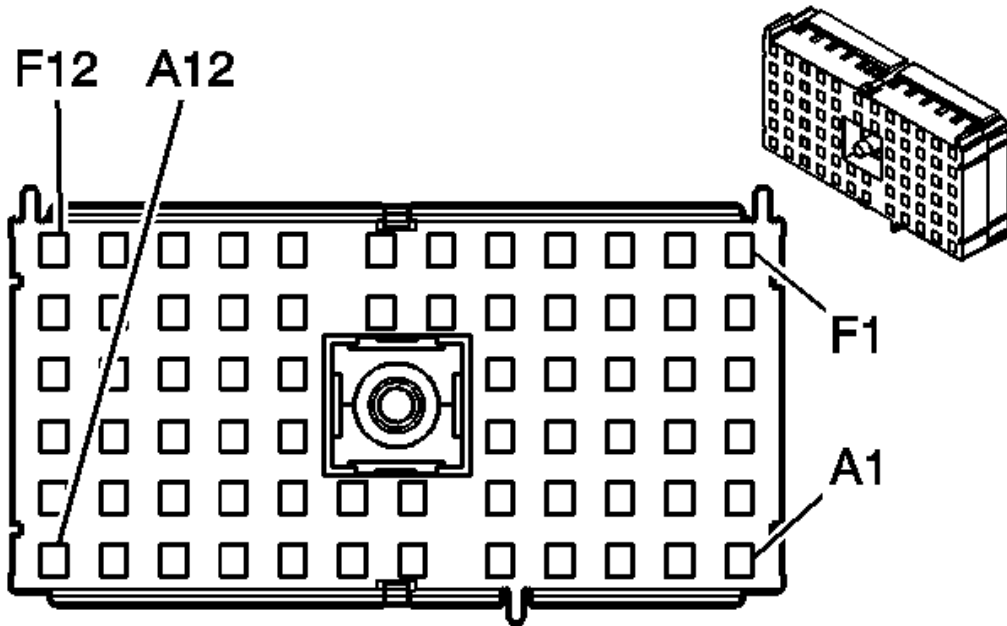
**Fig. 26: Fuse Block - Rear Top View**  
 Courtesy of GENERAL MOTORS CORP.

**FUSE BLOCK - REAR BOTTOM VIEW**



**Fig. 27: Fuse Block - Rear Bottom View**  
Courtesy of GENERAL MOTORS CORP.

**FUSE BLOCK - REAR X1**



**Fig. 28: Fuse Block - Rear X1**  
 Courtesy of GENERAL MOTORS CORP.

**Connector Part Information**

- OEM: 15492650
- Service: See Catalog
- Description: 68-Way F Metri-Pack 280 Series, Flexlock (L-GY)

**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Fuse Block - Rear X1**

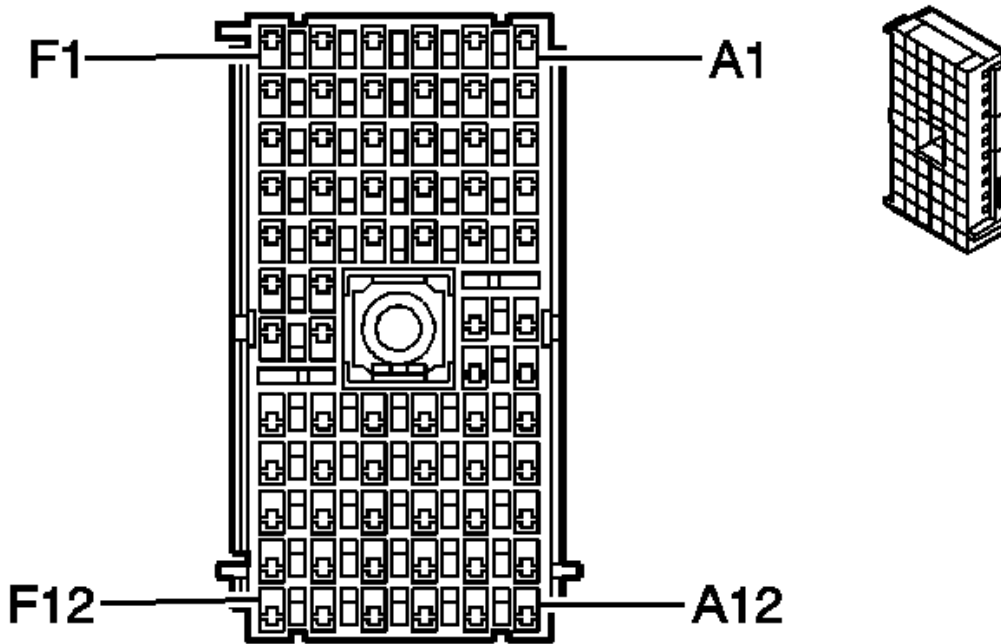
Pin	Wire	Circuit	Function
A1-A2	-	-	Not Used
A3	0.35 BN	741	Ignition 3 Voltage (KB6)
	0.35 BN	741	Ignition 3 Voltage (XA7)

## 2008 Buick Lucerne CX

### 2008 ELECTRICAL Wiring Systems & Power Management - Lucerne

A4-A7	-	-	Not Used
A8	1 BK	750	Ground
A9	0.35 L-BU/BK	6692	Left Rear Door Lock Motor Unlock Control
A10	-	-	Not Used
A11	3 RD/PK	1140	Battery Positive Voltage
A12	-	-	Not Used
B1-B5	-	-	Not Used
B6	0.35 L-BU/WH	6693	Right Rear Door Lock Motor Unlock Control
B7	0.8 TN	294	Door Lock Actuator Unlock Control
	0.8 TN	294	Door Lock Actuator Unlock Control
B8	-	-	Not Used
B9	0.8 GY	295	Door Lock Actuator Lock Control
	0.8 GY	295	Door Lock Actuator Lock Control
B10-B11	-	-	Not Used
B12	3 YE/GY	1440	Battery Positive Voltage (KB6)
C1-C2	-	-	Not Used
C3	0.5 BN/WH	309	Right Park Lamp Supply Voltage
	0.5 BN/WH	309	Right Park Lamp Supply Voltage
C4-C12	-	-	Not Used
D1	0.35 D-GN/WH	465	Fuel Pump Relay Control - Primary
D2-D3	-	-	Not Used
D4	0.5 RD/WH	4640	Battery Positive Voltage
D5	0.5 OG/BN	1640	Battery Positive Voltage
D8-D12	-	-	Not Used
E1	-	-	Not Used
E2	0.5 PU	709	Left Park Lamp Supply Voltage
E3-E4	-	-	Not Used
E5	0.35 D-BU	45	Park Lamp Relay Control
E6	-	-	Not Used
E7	0.35 YE	1491	Backlight Lamp Control
E8-E11	-	-	Not Used
E12	3 BN/WH	4240	Battery Positive Voltage
F1	1 GY	120	Fuel Pump Supply Voltage
F2-F6	-	-	Not Used
F7	0.35 GY/BK	1381	LCD Dimming Signal
F8-F12	-	-	Not Used

**FUSE BLOCK - REAR X2**



**Fig. 29: Fuse Block - Rear X2 Connector End View**  
 Courtesy of GENERAL MOTORS CORP.

**Connector Part Information**

- OEM: 15492663
- Service: See Catalog
- Description: 68-Way F Metri-Pack 280 Series (GY)

**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Fuse Block - Rear X2**

Pin	Wire	Circuit	Function
A1	0.5 PK/RD	2440	Battery Positive Voltage
	0.5 PK/RD	2440	Battery Positive Voltage



## 2008 Buick Lucerne CX

### 2008 ELECTRICAL Wiring Systems & Power Management - Lucerne

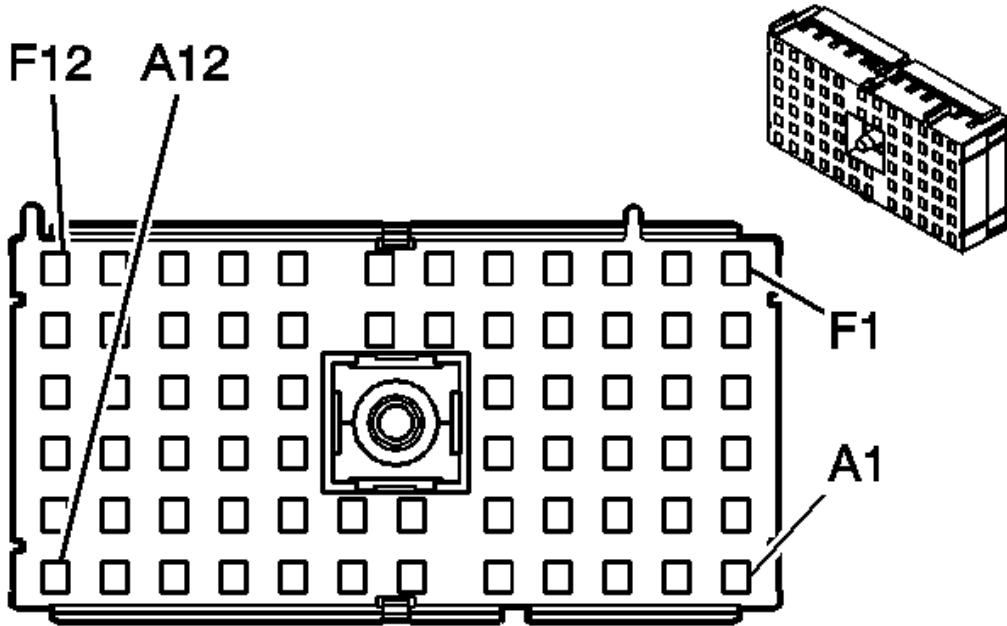
A2-A3	-	-	Not Used
A4	0.8 PK/D-GN	2740	Battery Positive Voltage
A5-A10	-	-	Not Used
A11	2 RD/WH	140	Battery Positive Voltage
A12	0.5 TN/RD	3540	Battery Positive Voltage
B1	0.8 RD/WH	1740	Battery Positive Voltage
	0.8 RD/WH	1740	Battery Positive Voltage
B2-B6	-	-	Not Used
B7	0.35 YE/BN	143	Accessory Voltage
B8	0.35 L-BU	1344	Trunk Release Relay Control
B9-B10	-	-	Not Used
B11	0.8 TN/PK	5040	Battery Positive Voltage
B12	-	-	Not Used
C1-C2	-	-	Not Used
C3	0.35 L-GN/BN	5486	Run Relay Coil Control
C4	0.8 D-GN/PU	1940	Battery Positive Voltage
C5-C9	-	-	Not Used
C10	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
C11	-	-	Not Used
C12	0.35 PU	544	DRL Relay Control
D1-D3	-	-	Not Used
D4	0.5 PK/PU	2940	Battery Positive Voltage
D5	-	-	Not Used
	0.5 RD/WH	3340	Battery Positive Voltage
D8	0.5 RD/WH	3340	Battery Positive Voltage (F55)
	0.5 RD/WH	3340	Battery Positive Voltage (F55)
D9	0.8 RD/YE	340	Battery Positive Voltage
D10	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
D11-D12	-	-	Not Used
E1	0.5 PK/YE	2640	Battery Positive Voltage
E2	0.35 PK/GY	3040	Battery Positive Voltage
E3-E10	-	-	Not Used
E11	2 TN/GY	4440	Battery Positive Voltage
E12	0.5 PK/D-BU	3140	Battery Positive Voltage
F1-F2	-	-	Not Used
F3	1 BN	41	Ignition 3 Voltage
F4	0.35 RD/WH	4540	Battery Positive Voltage (UD7)
	0.35 RD/WH	4540	Battery Positive Voltage (UFT)
F5	0.5 OG/PK	1840	Battery Positive Voltage
	0.5 OG/PK	1840	Battery Positive Voltage
F6	0.8 YE	643	Accessory Voltage
	0.8 YE	643	Accessory Voltage

**2008 Buick Lucerne CX**

2008 ELECTRICAL Wiring Systems &amp; Power Management - Lucerne

F7-F8	-	-	Not Used
F9	2 TN/PU	4340	Battery Positive Voltage (F55)
F10	0.8 TN/WH	312	Right Headlamp Low Beam Supply Voltage
F11-F12	-	-	Not Used

**FUSE BLOCK - REAR X3**



**Fig. 30: Fuse Block - Rear X3 Connector End View**  
 Courtesy of GENERAL MOTORS CORP.

**Connector Part Information**

- OEM: 15492651
- Service: See Catalog
- Description: 68-Way F Metri-Pack 280 Series, Flexlock (BK)

**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Fuse Block - Rear X3**

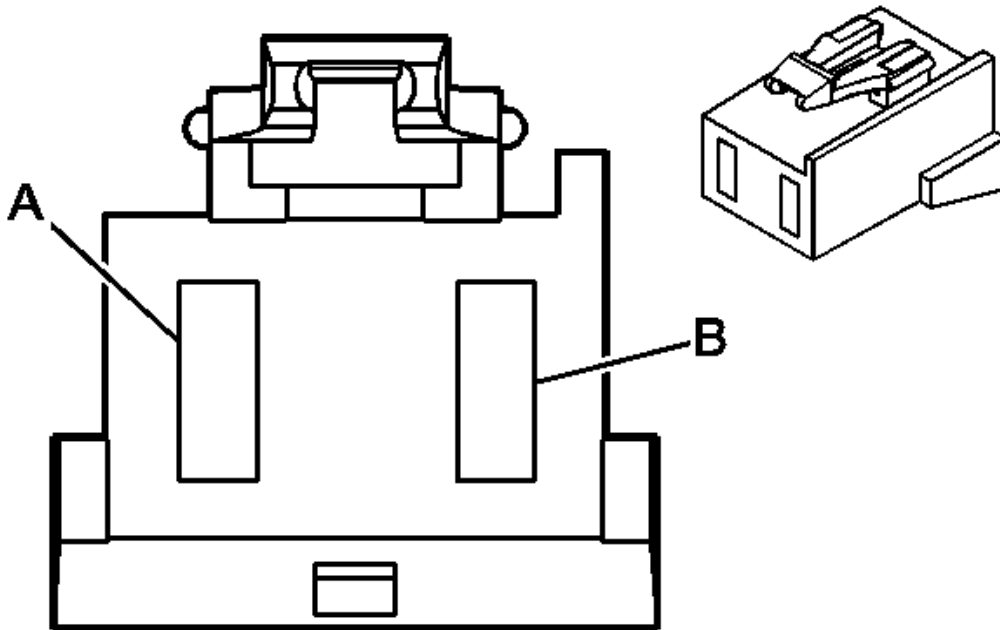
Pin	Wire	Circuit	Function
A1	-	-	Not Used
A2	1 D-GN/TN	2040	Battery Positive Voltage
	0.5 D-GN/TN	2040	Battery Positive Voltage (U2K)

## 2008 Buick Lucerne CX

### 2008 ELECTRICAL Wiring Systems & Power Management - Lucerne

A3-A4	-	-	Not Used
A5	0.5 BK	750	Ground
A6-A9	-	-	Not Used
A10	3 D-GN	322	Electronic Level Control Compressor Motor Supply Voltage
A11	0.35 YE	321	Automatic Level Control Relay Control (without F55)
A12	-	-	Not Used
B1	0.35 RD/D-GN	1040	Battery Positive Voltage
B2-B12	-	-	Not Used
C1	-	-	Not Used
C2	0.35 PK/BN	2340	Battery Positive Voltage
C3	-	-	Not Used
C4	0.35 WH	193	Rear Defog Relay Control
C5	-	-	Not Used
C8	0.35 TN/OG	3640	Battery Positive Voltage
C9	-	-	Not Used
C10	0.5 RD/WH	3340	Battery Positive Voltage
C11-C12	-	-	Not Used
D1-D8	-	-	Not Used
D9	0.8 RD/D-GN	440	Battery Positive Voltage
D10-D12	-	-	Not Used
E1-E5	-	-	Not Used
E6	0.35 BK/TN	707	RAP Relay Coil Supply Voltage
E7	-	-	Not Used
E8	3 TN/YE	3740	Battery Positive Voltage
E9	-	-	Not Used
E10	0.5 TN/WH	56	Trunk Release Motor Supply Voltage
E11	5 TN/D-BU	3440	Battery Positive Voltage (UQA)
E12	0.8 RD/WH	1240	Battery Positive Voltage
F1-F9	-	-	Not Used
F10	0.35 RD/WH	2840	Battery Positive Voltage
F11-F12	-	-	Not Used

**FUSE BLOCK - REAR X4**



**Fig. 31: Fuse Block - Rear X4 Connector End View**  
 Courtesy of GENERAL MOTORS CORP.

**Connector Part Information**

- OEM: 12146038
- Service: See Catalog
- Description: 2-Way F Maxi Fuse (GY)

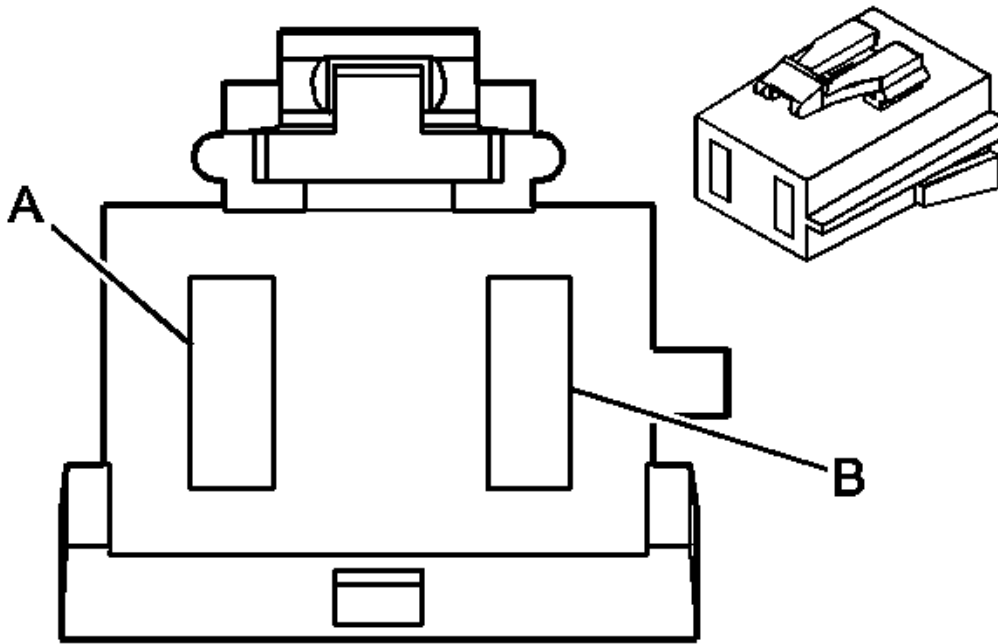
**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Fuse Block - Rear X4**

Pin	Wire	Circuit	Function
A	-	-	Not Used
B	5 PK/OG	2540	Battery Positive Voltage

**FUSE BLOCK - REAR X5**



**Fig. 32: Fuse Block - Rear X5 Connector End View**  
 Courtesy of GENERAL MOTORS CORP.

**Connector Part Information**

- OEM: 12146037
- Service: See Catalog
- Description: 2-Way F Maxi Fuse (BK)

**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Fuse Block - Rear X5**

Pin	Wire	Circuit	Function
A	5 PU	293	Rear Defog Element Supply Voltage
B	-	-	Not Used

**FUSE BLOCK - REAR X6 (TO BATTERY)**

**Terminal Part Information**

- Harness: Body Harness
- Terminal: 7003-6115-02
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

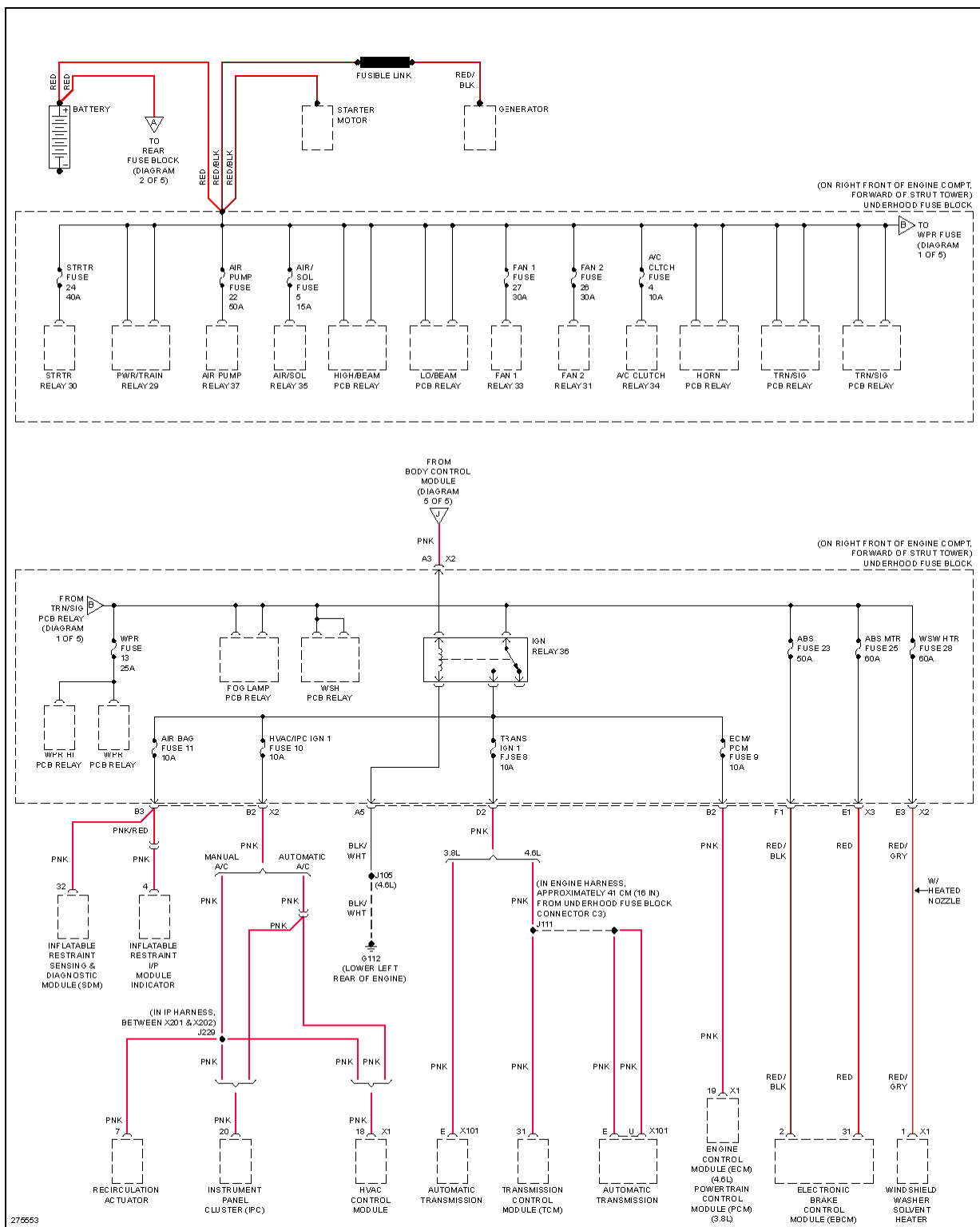
**Fuse Block - Rear X6 (To Battery)**

<b>Pin</b>	<b>Wire</b>	<b>Circuit</b>	<b>Function</b>
+	40 RD	1	Battery Positive Voltage

# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

### Fig. 57: Power Distribution Circuit (1 of 5)

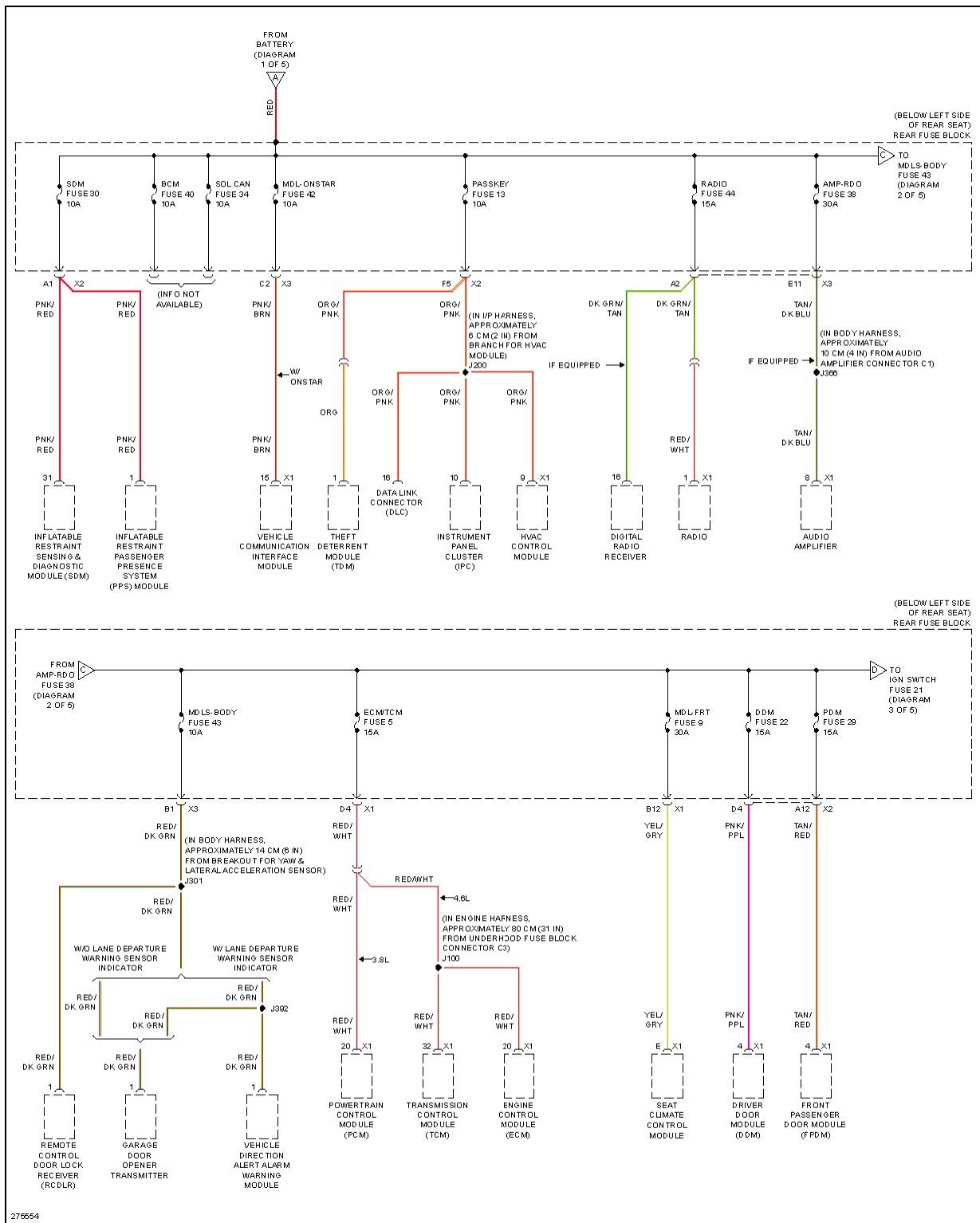




# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

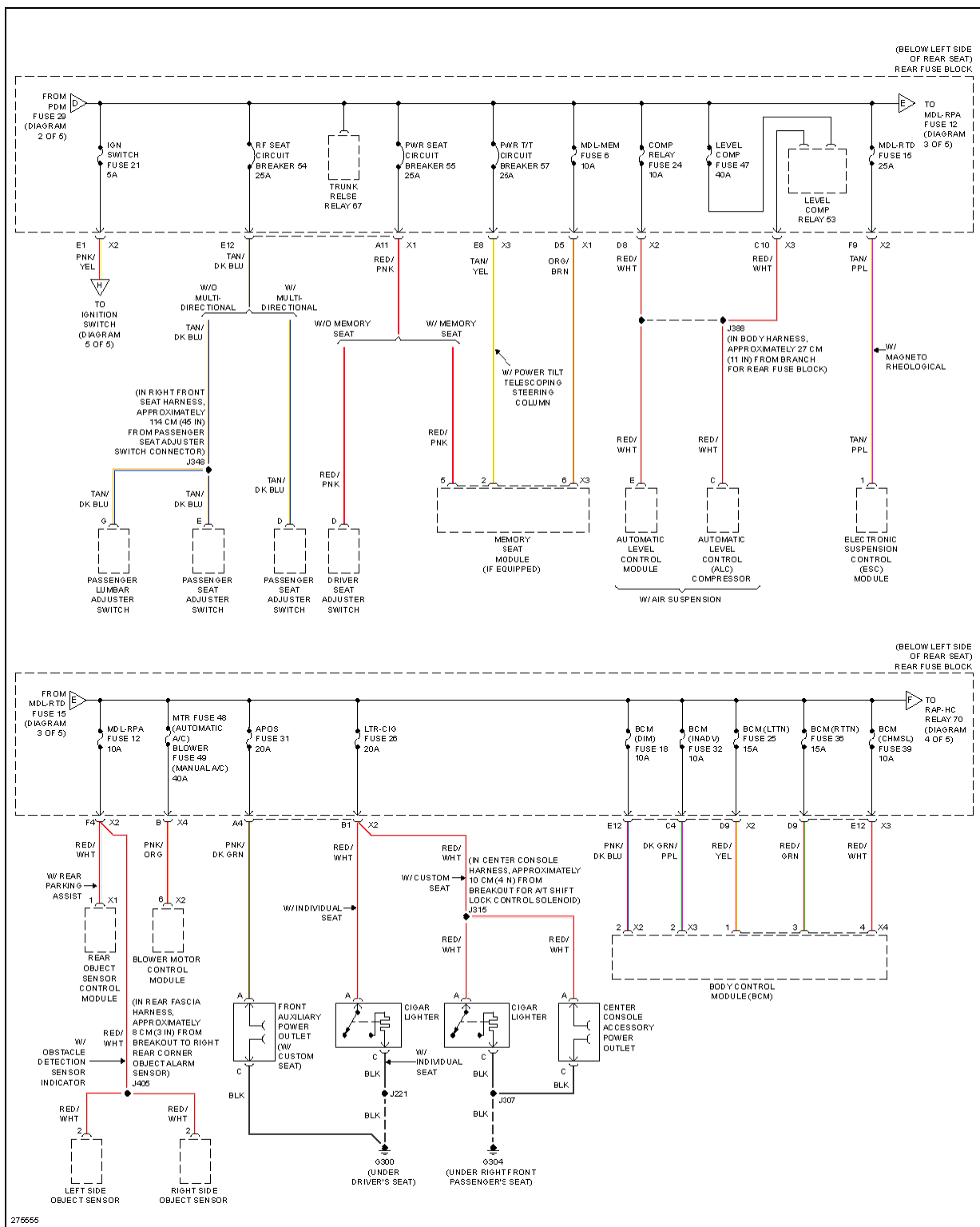
### Fig. 58: Power Distribution Circuit (2 of 5)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

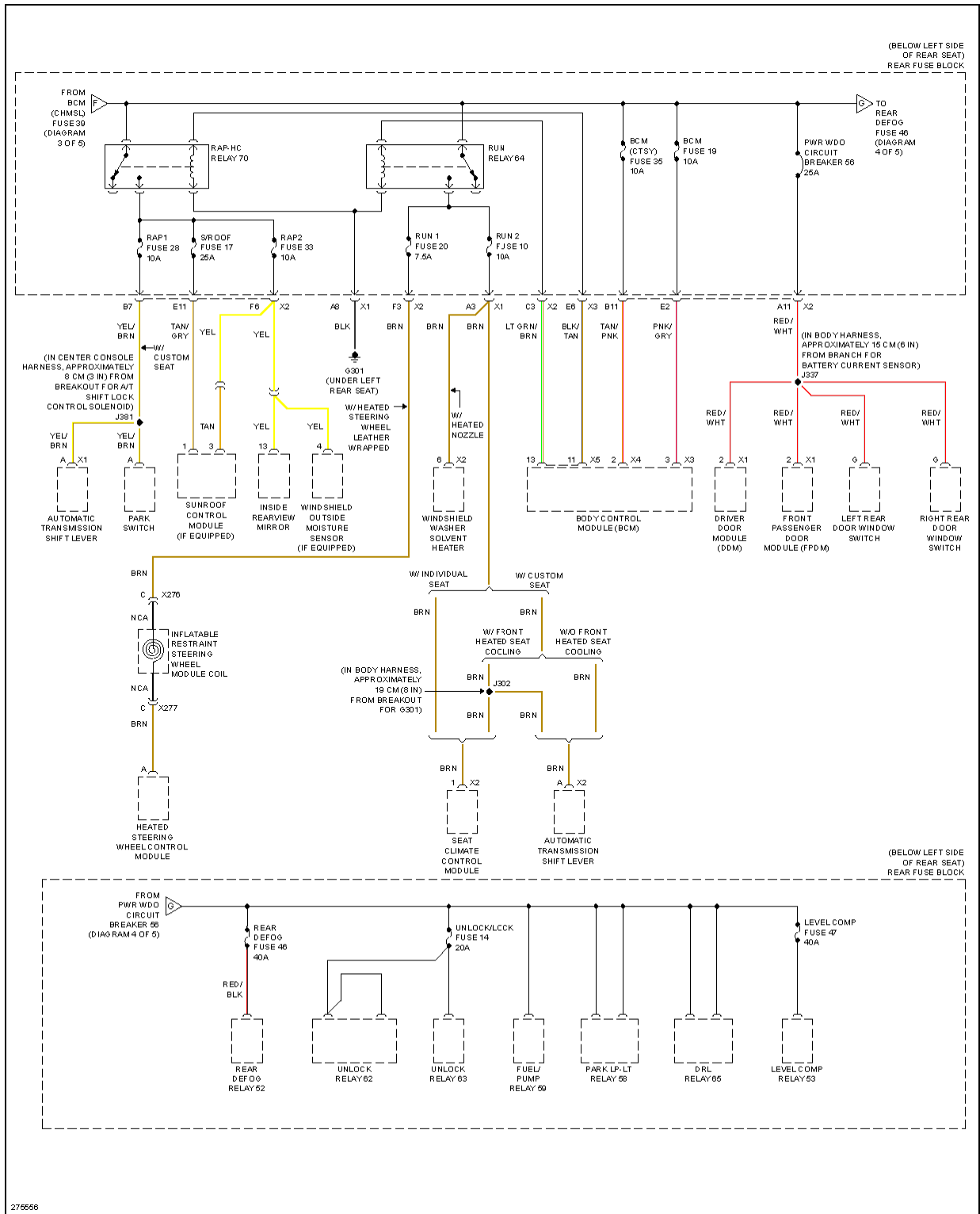
### Fig. 59: Power Distribution Circuit (3 of 5)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

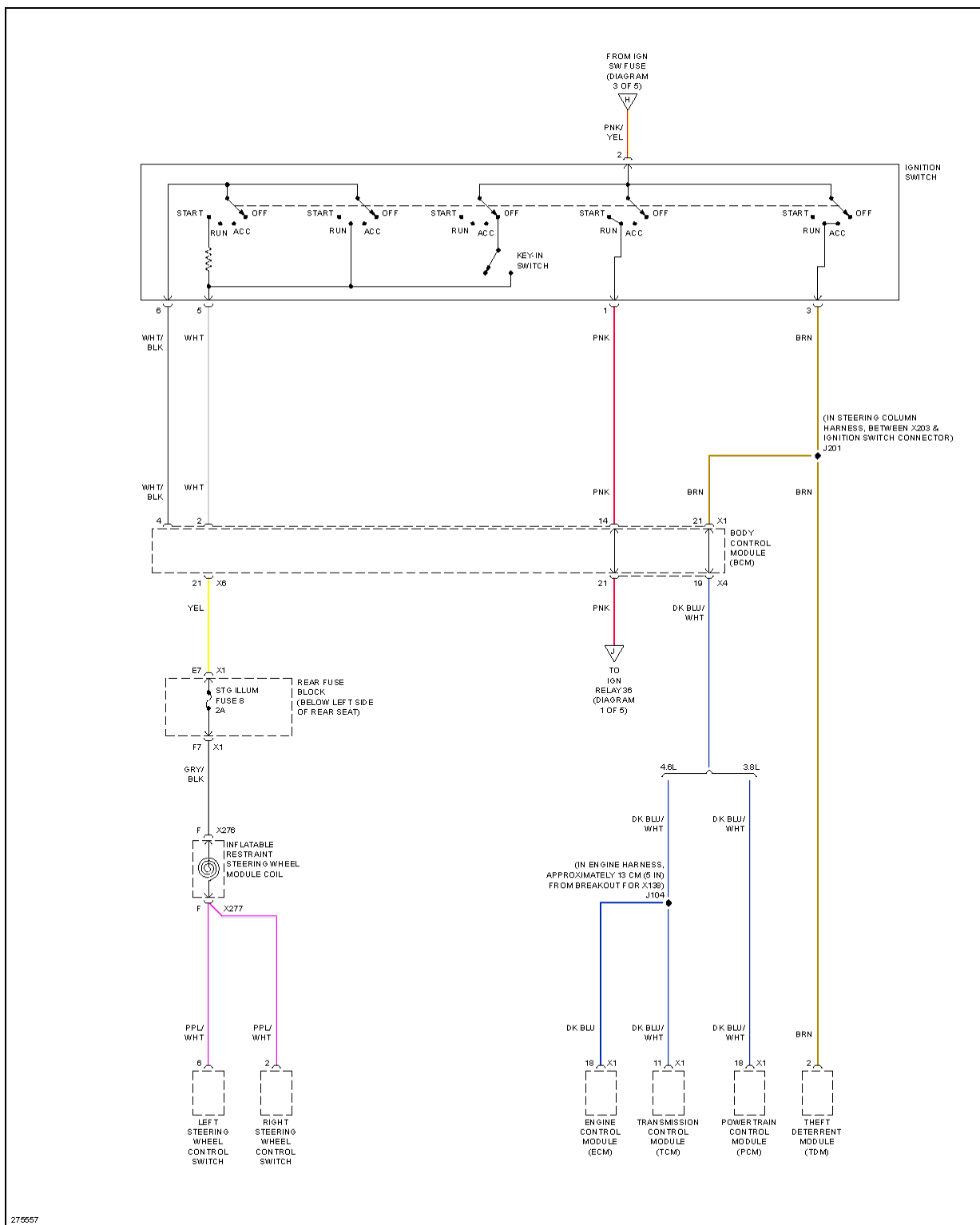
### Fig. 60: Power Distribution Circuit (4 of 5)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

### Fig. 61: Power Distribution Circuit (5 of 5)

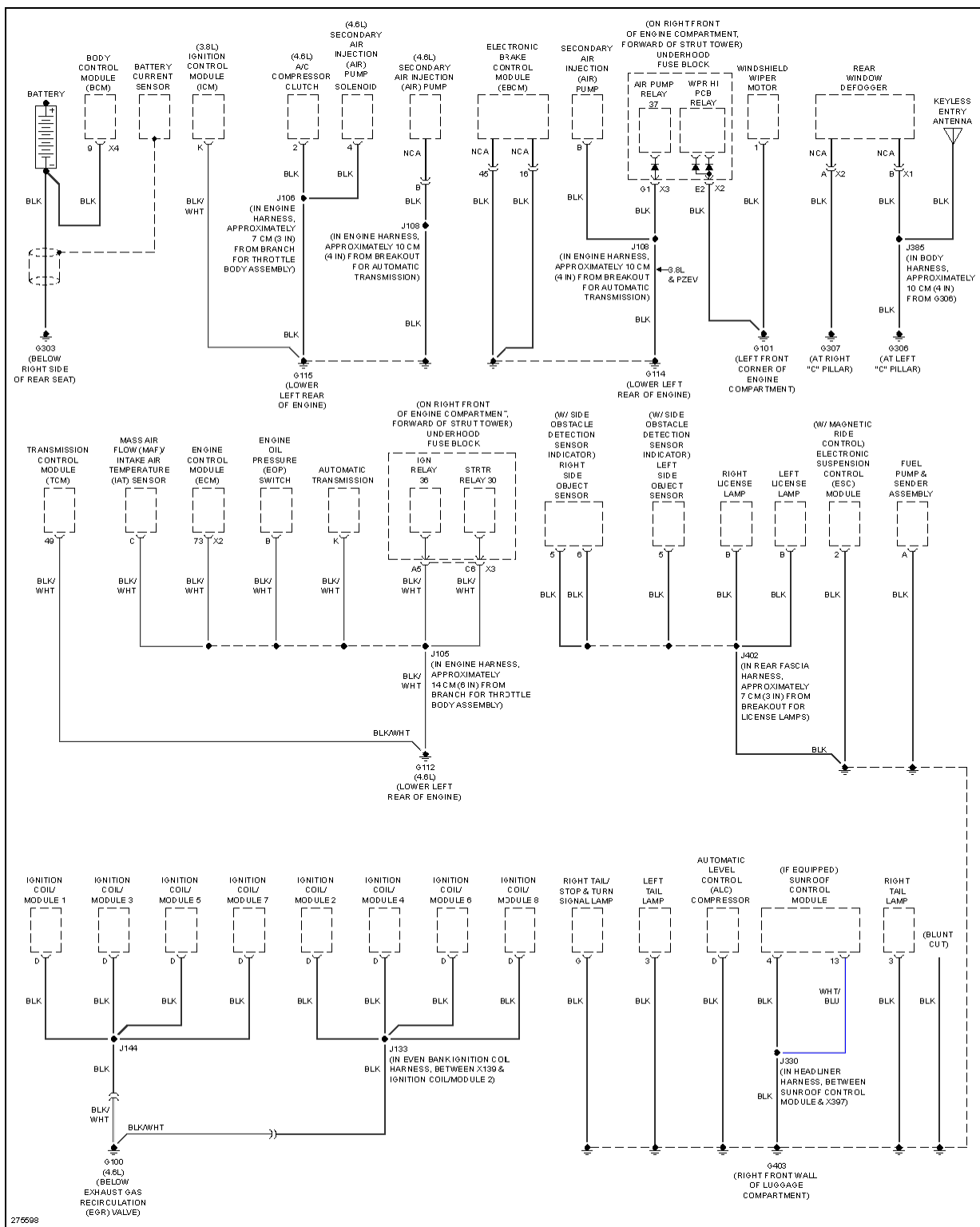


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# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

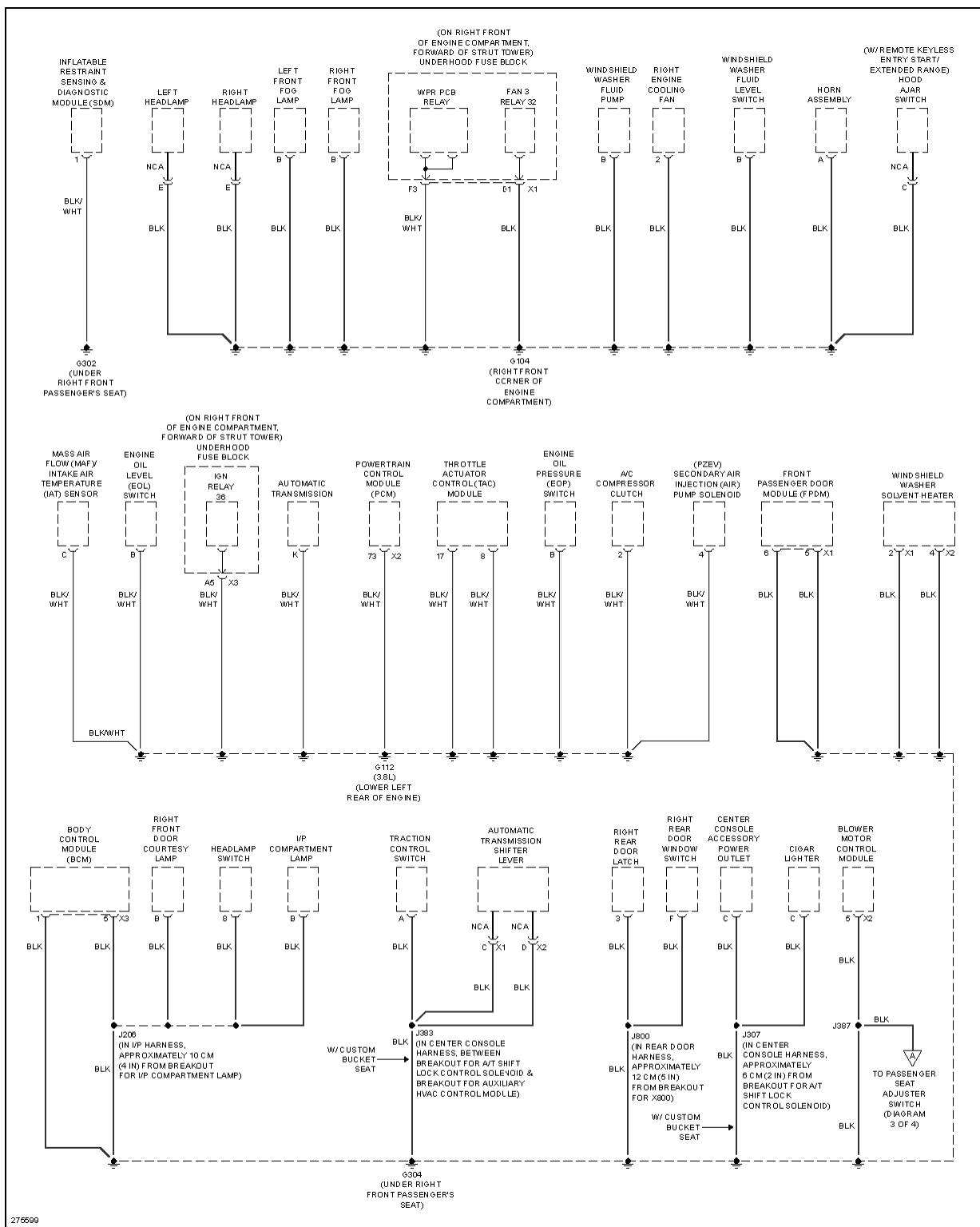
### Fig. 40: Ground Distribution Circuit (1 of 4)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

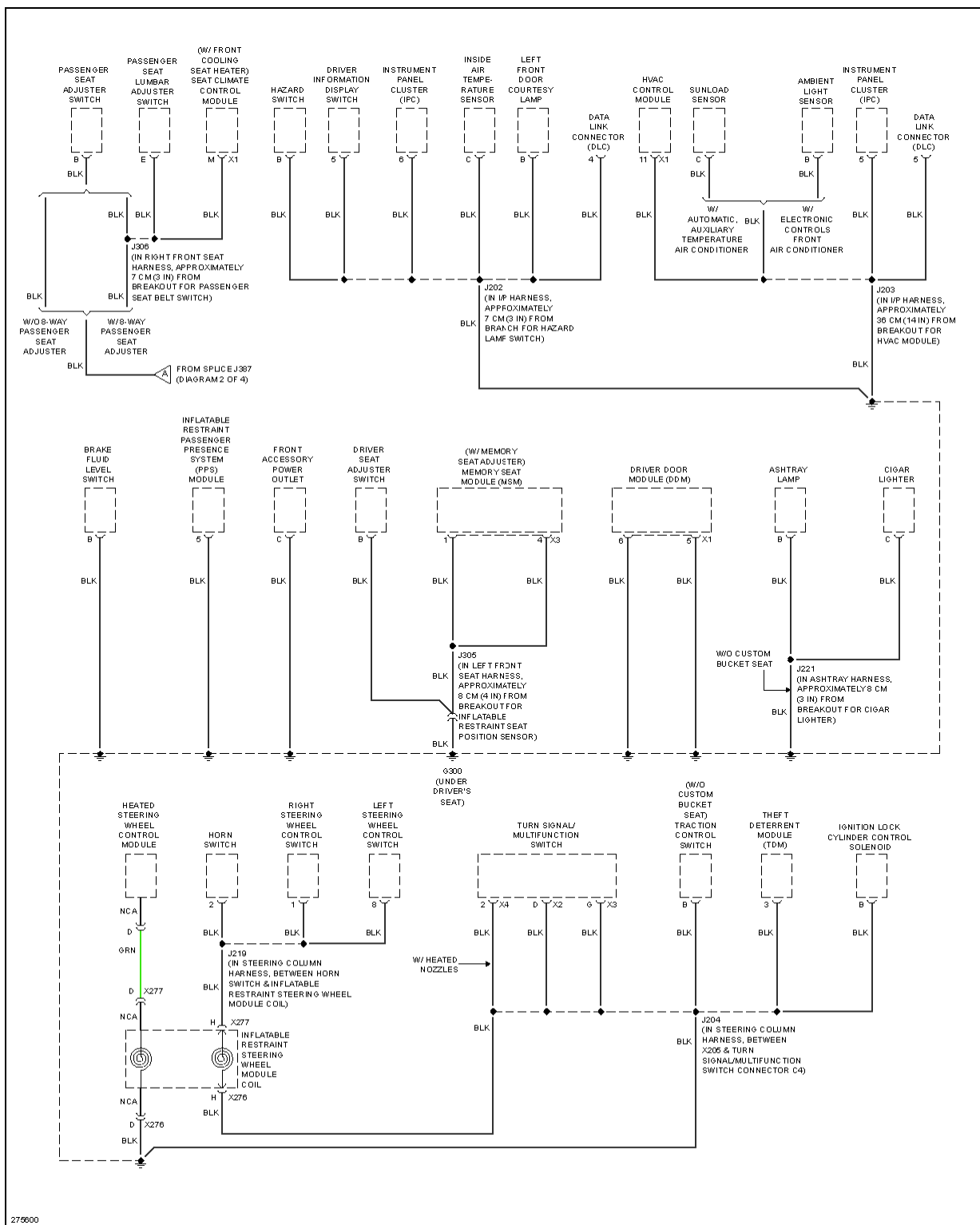
### Fig. 41: Ground Distribution Circuit (2 of 4)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

### Fig. 42: Ground Distribution Circuit (3 of 4)

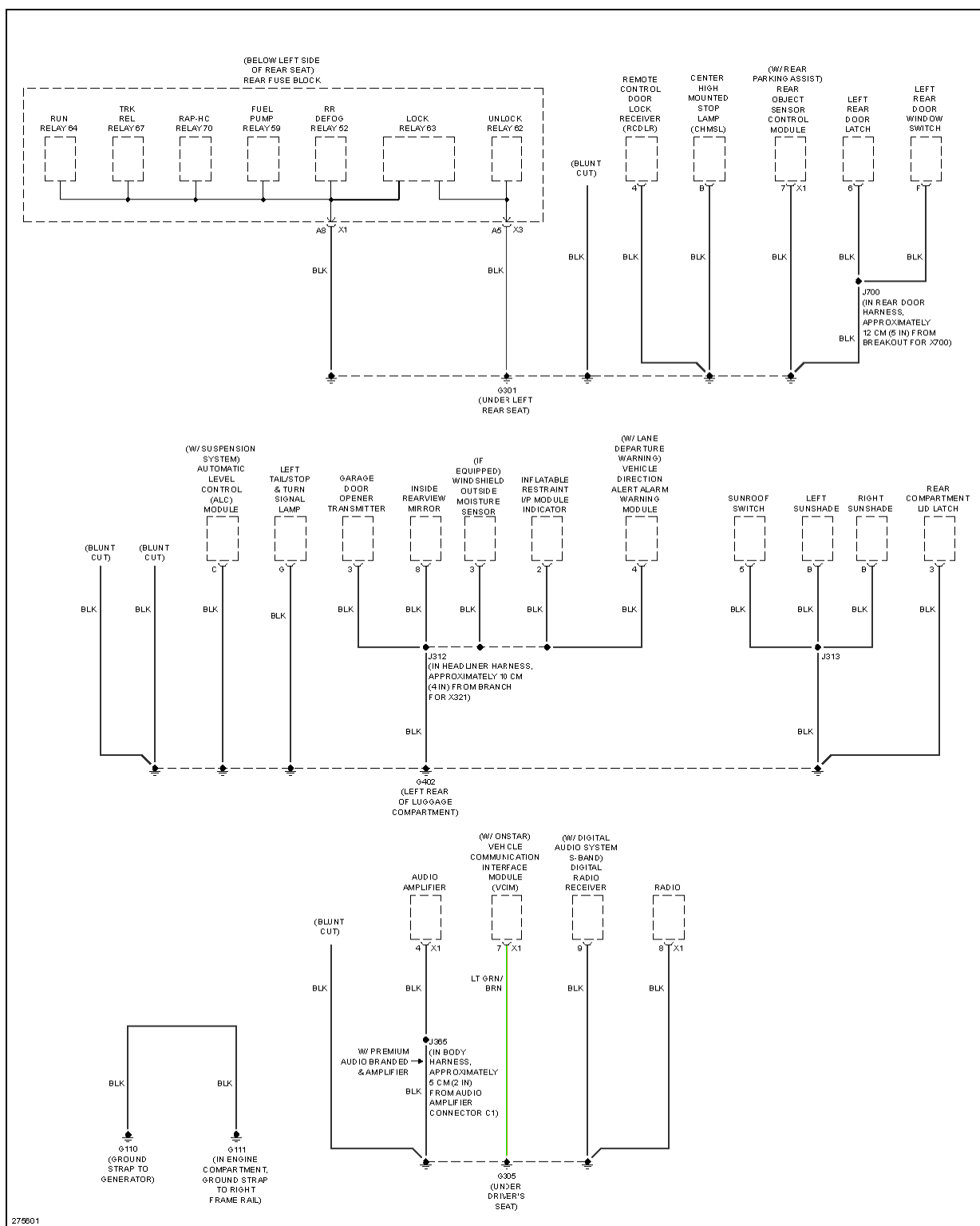


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# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

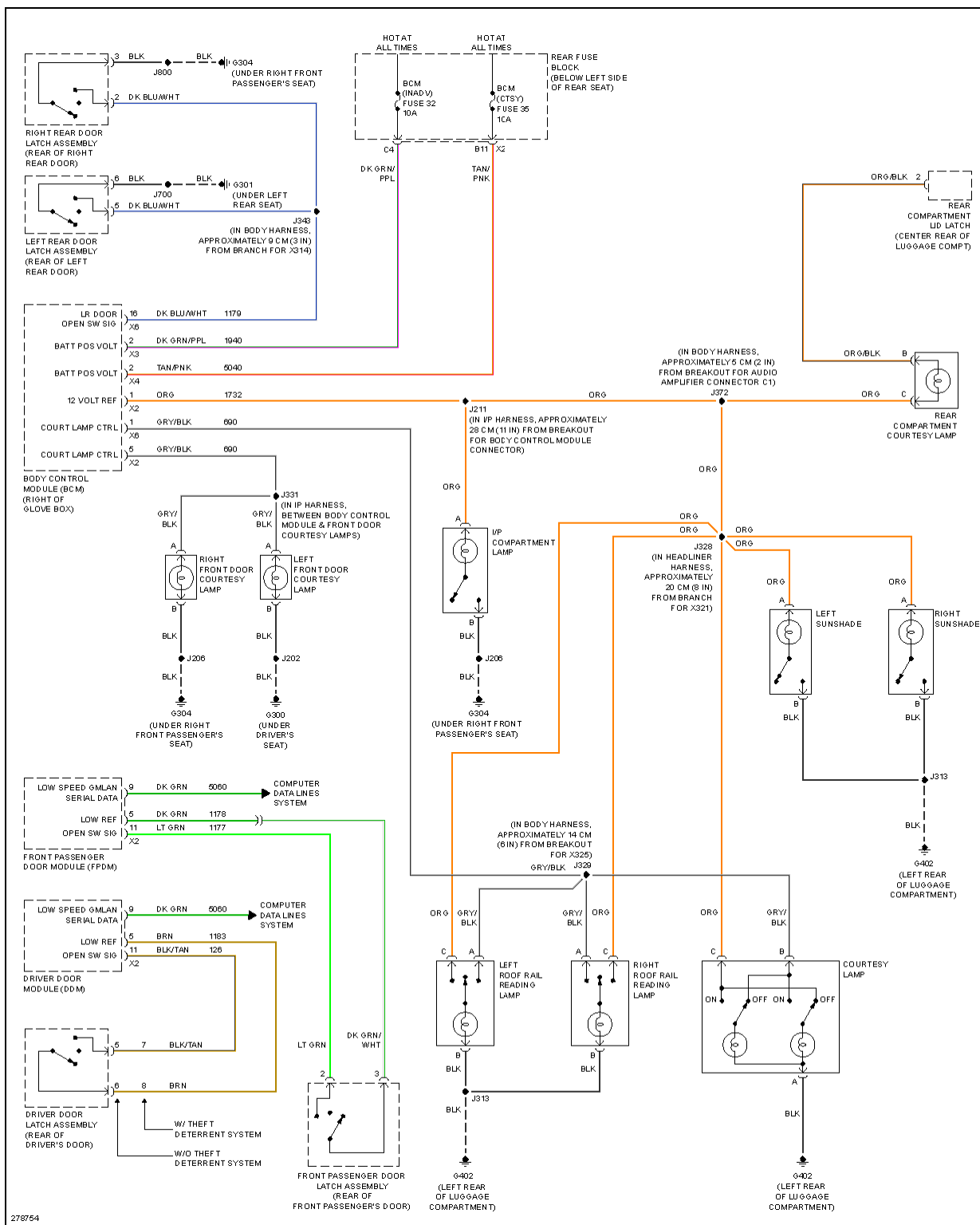
### Fig. 43: Ground Distribution Circuit (4 of 4)





# 2008 Buick Lucerne CX

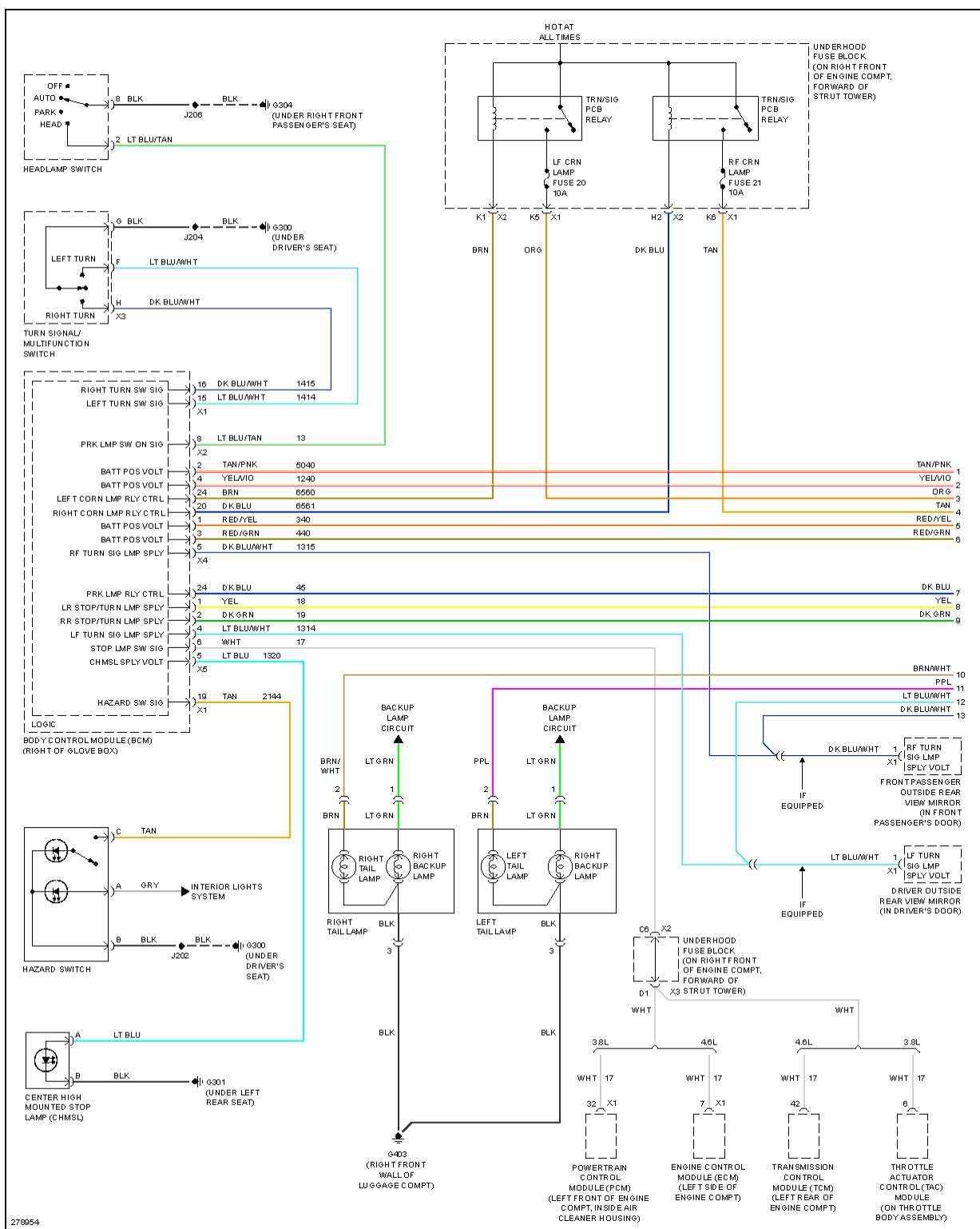
## SYSTEM WIRING DIAGRAMS Fig. 48: Courtesy Lamps Circuit



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

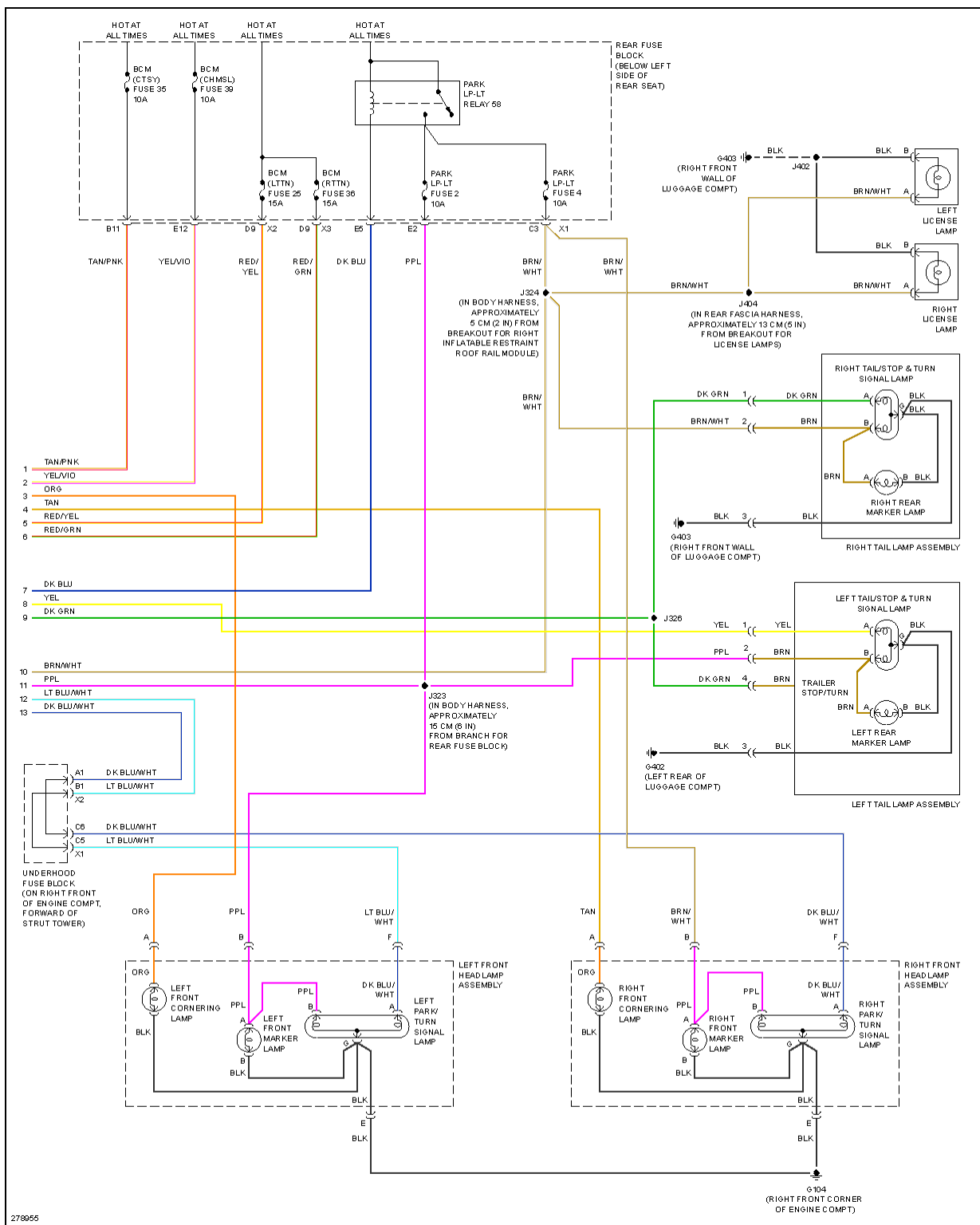
### Fig. 36: Exterior Lamps Circuit (1 of 2)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

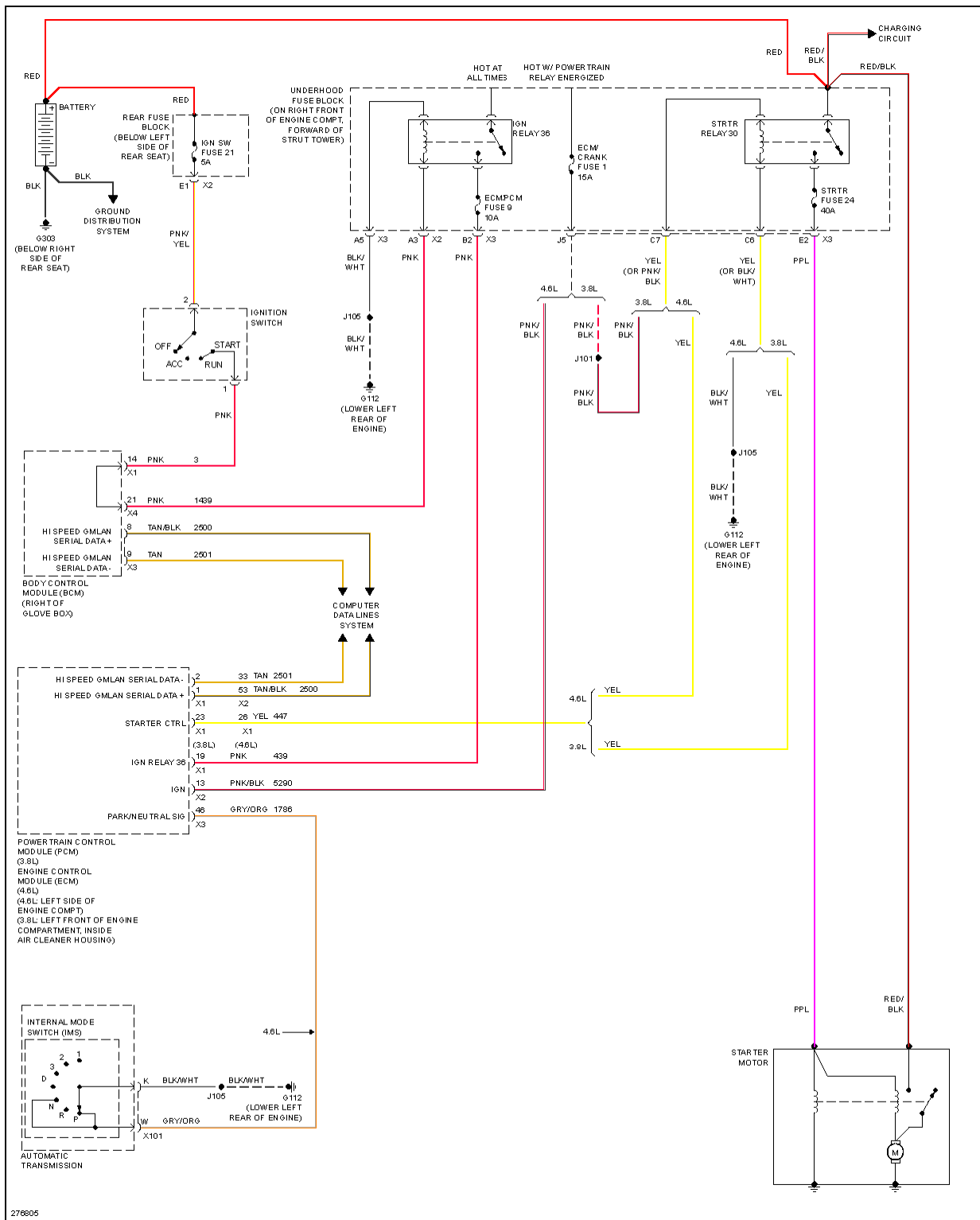
### Fig. 37: Exterior Lamps Circuit (2 of 2)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

### Fig. 76: Starting Circuit

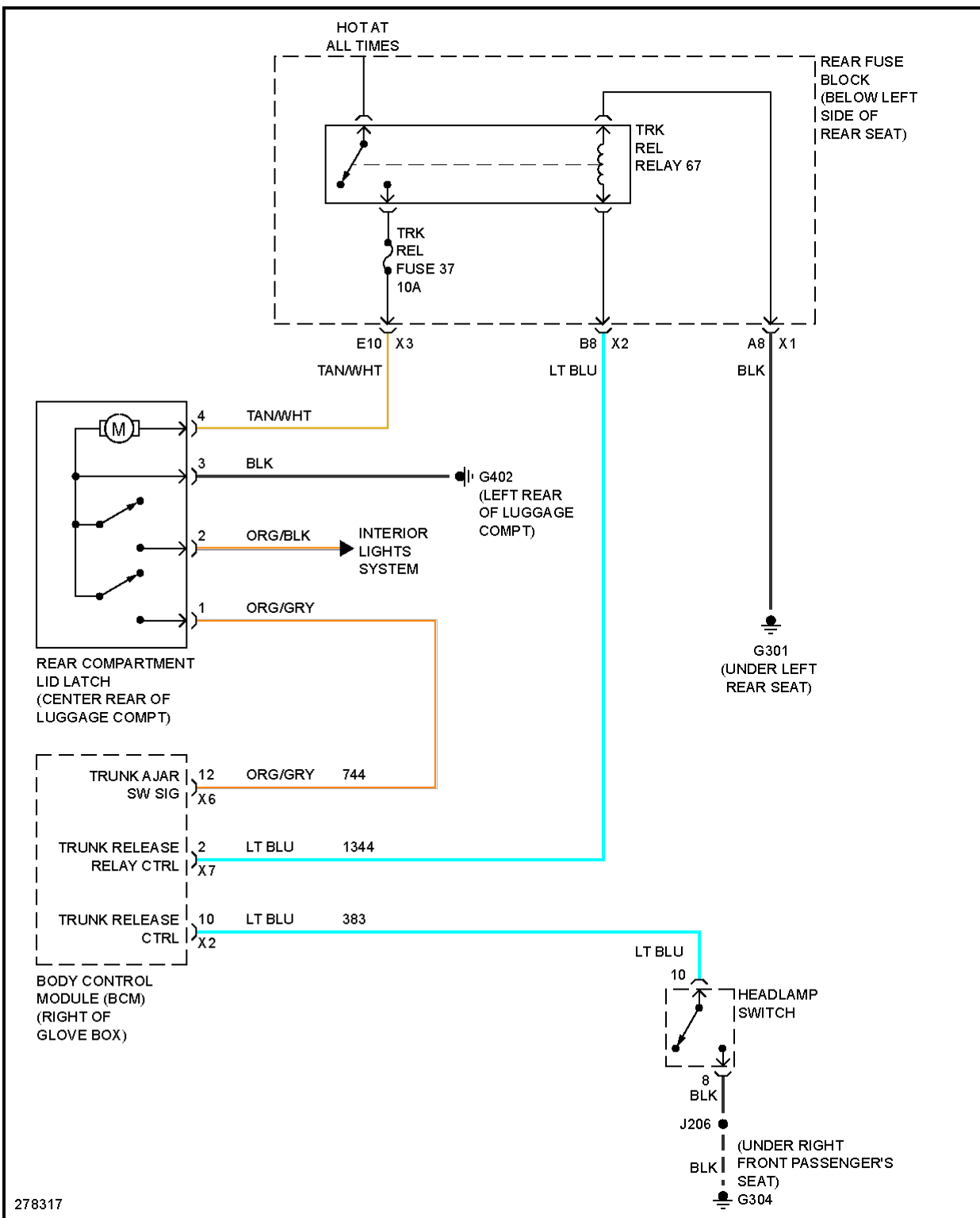


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# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

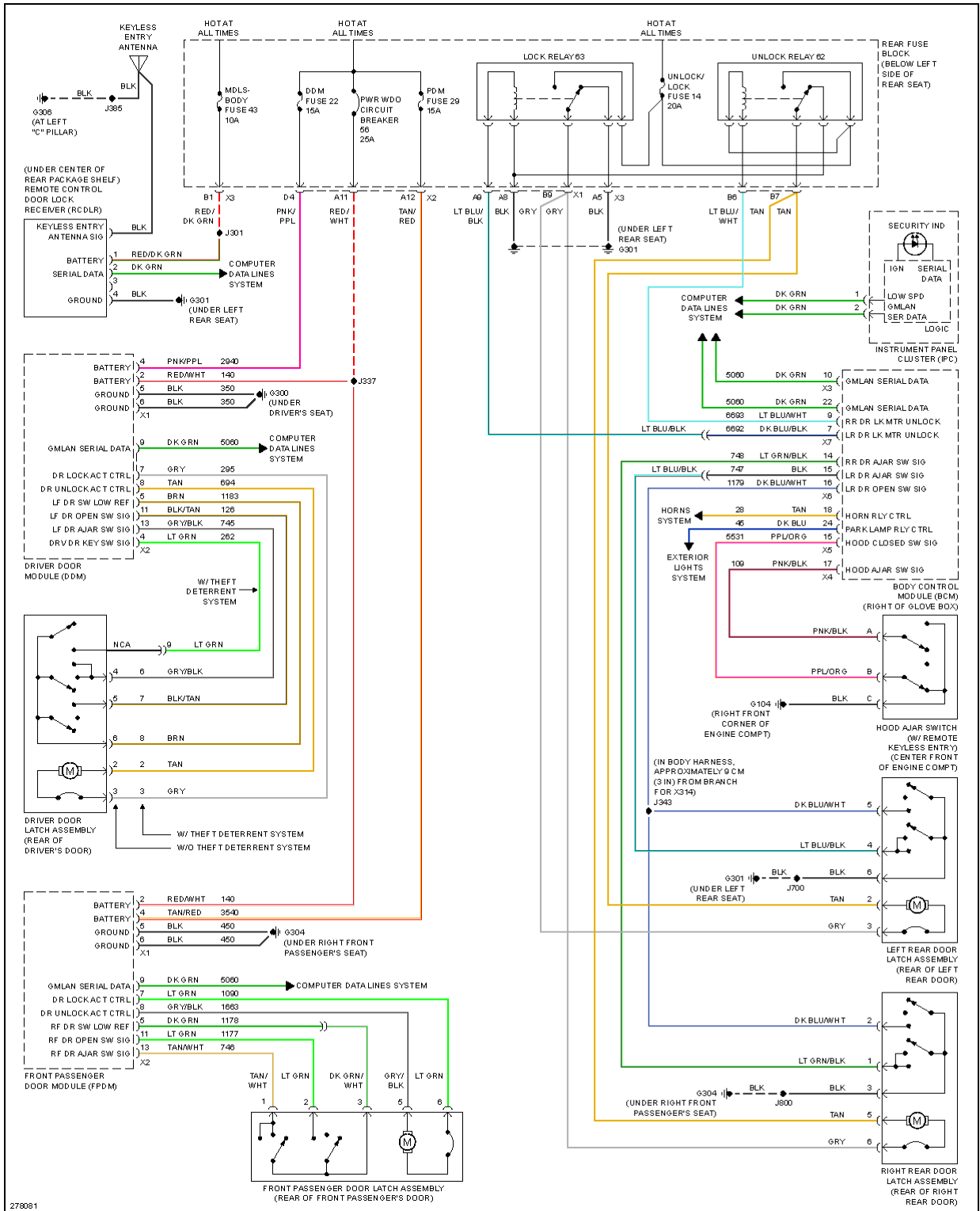
### Fig. 82: Trunk Release Circuit



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

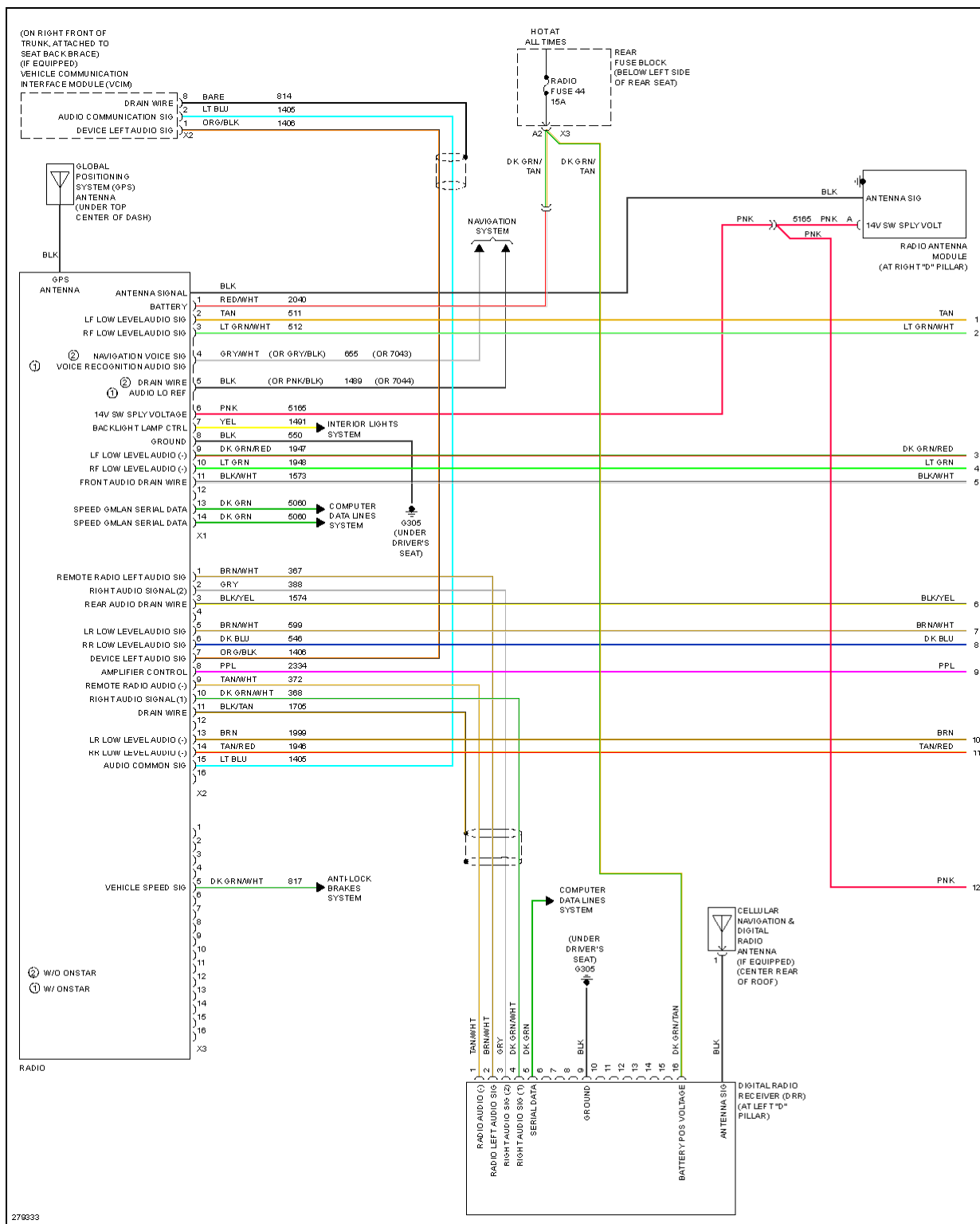
### Fig. 62: Power Door Locks Circuit



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

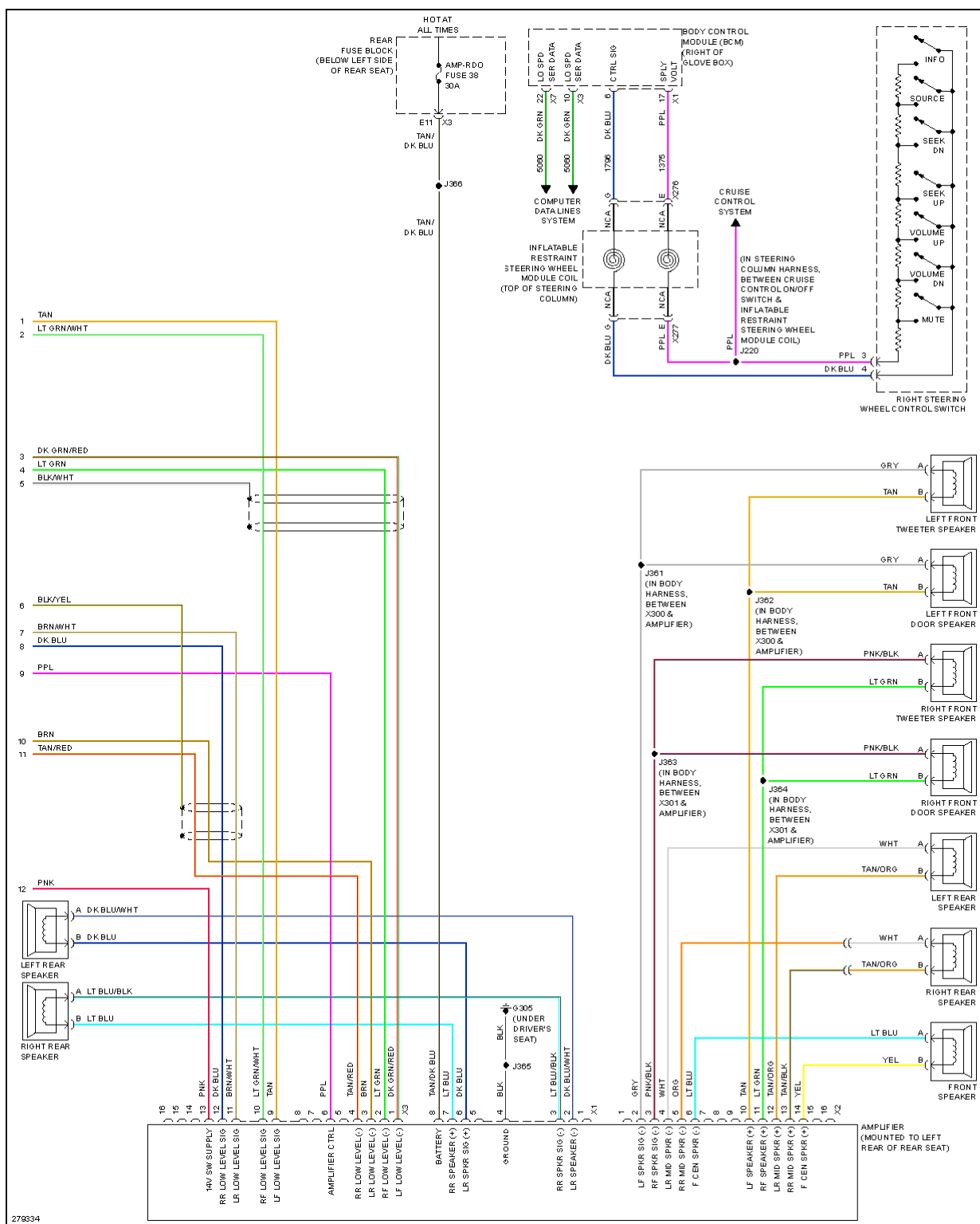
### Fig. 71: Radio Circuit, W/ Amplifier (1 of 2)



# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

### Fig. 72: Radio Circuit, W/ Amplifier (2 of 2)





# 2008 Buick Lucerne CX

## SYSTEM WIRING DIAGRAMS

### Fig. 73: Radio Circuit, W/O Amplifier

