2017 SYSTEM WIRING DIAGRAMS

.

Chevrolet - Silverado 1500

USING MITCHELL1'S WIRING DIAGRAMS

For information on using these wiring diagrams, see <u>USING MITCHELL1'S SYSTEM WIRING</u> <u>DIAGRAMS</u> article.

AIR CONDITIONING

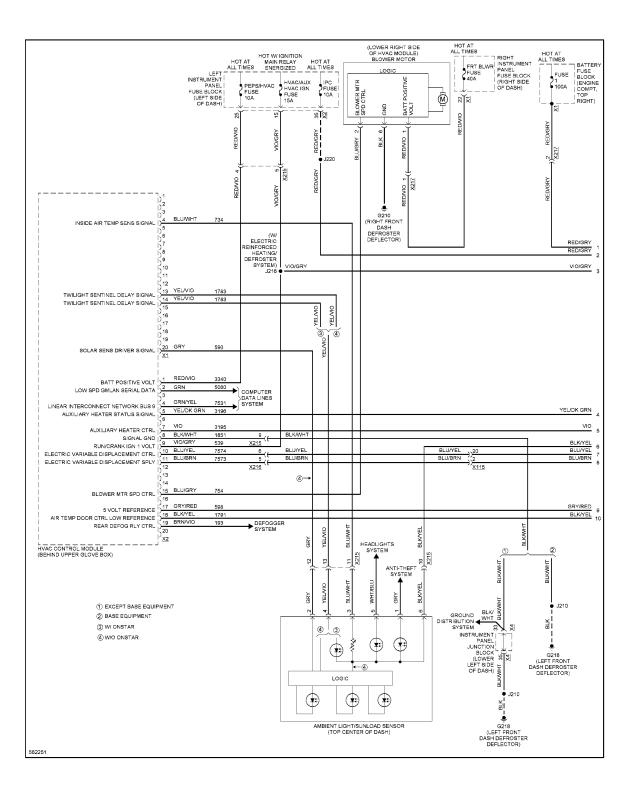


Fig. 1: Automatic A/C Circuit (1 of 4)

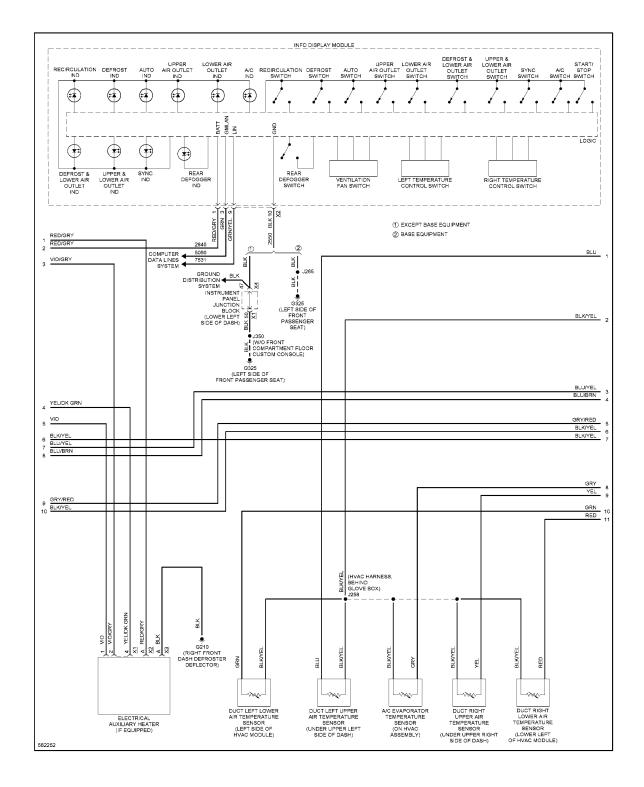
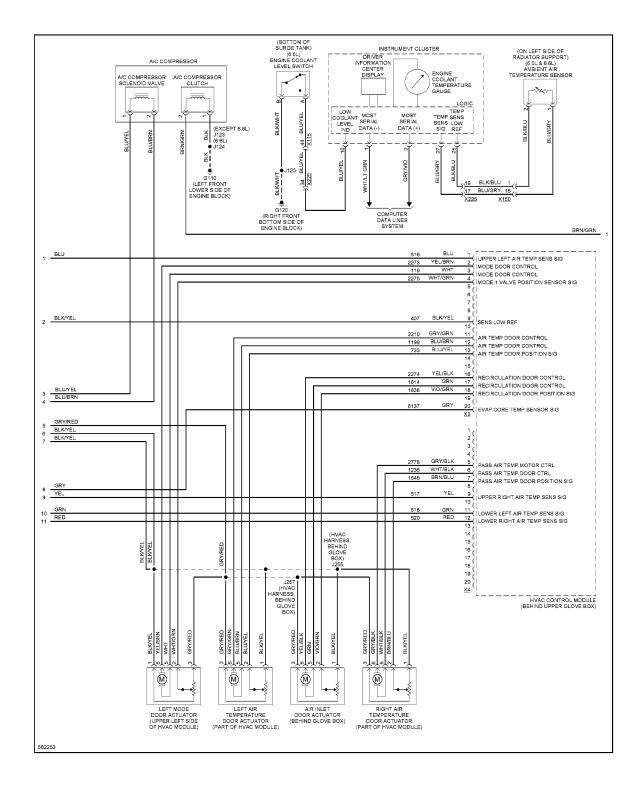


Fig. 2: Automatic A/C Circuit (2 of 4)



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Fig. 3: Automatic A/C Circuit (3 of 4)

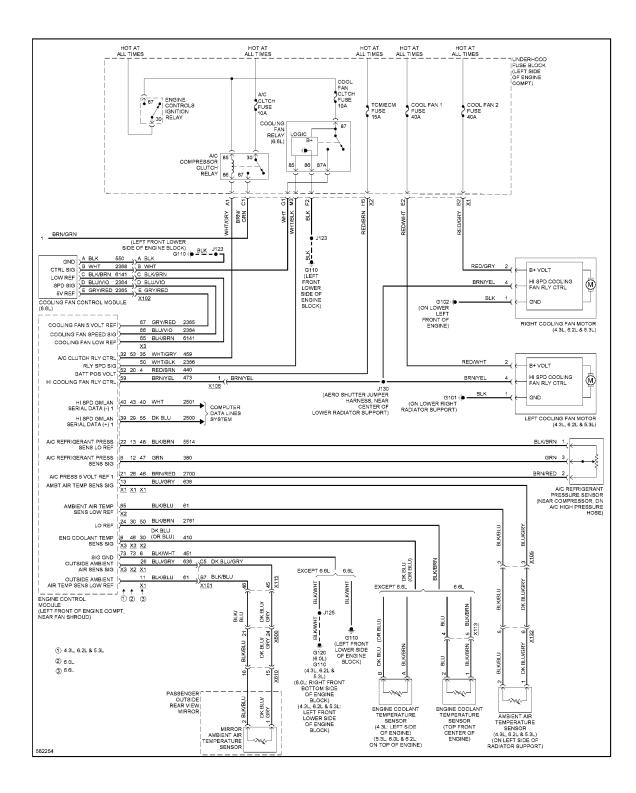


Fig. 4: Automatic A/C Circuit (4 of 4)

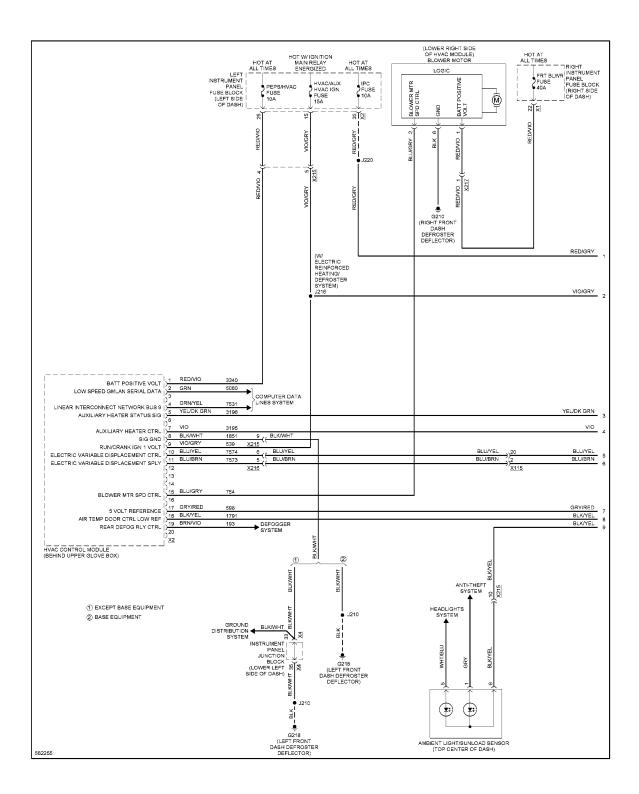


Fig. 5: Manual A/C Circuit (1 of 4)

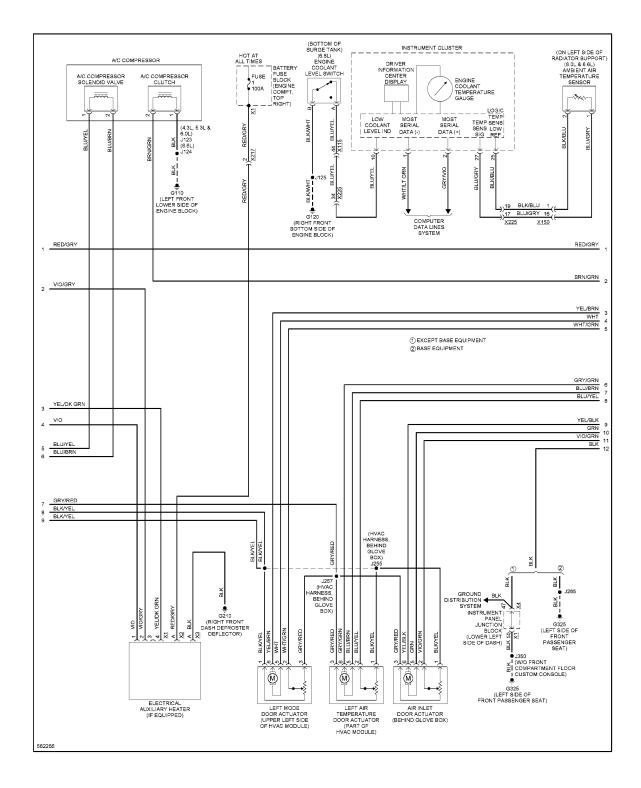


Fig. 6: Manual A/C Circuit (2 of 4)

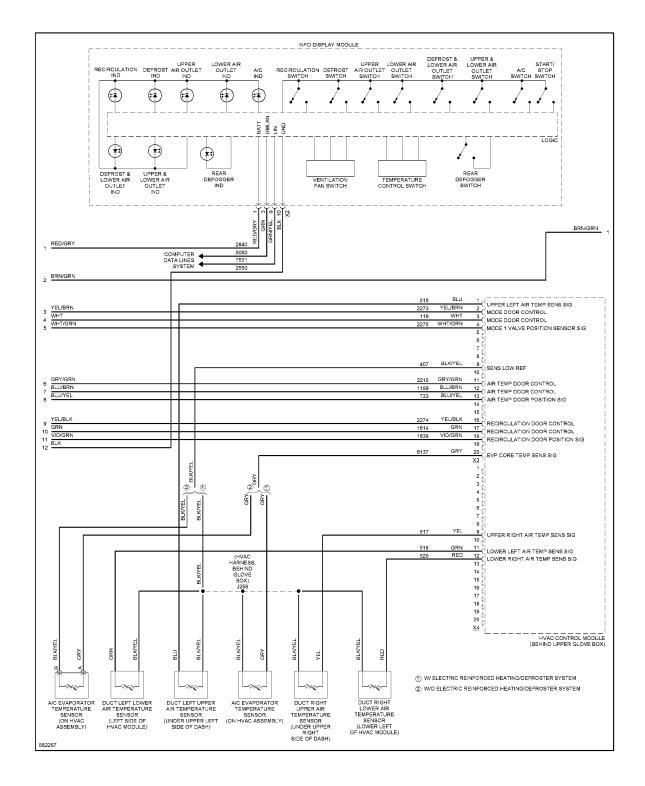


Fig. 7: Manual A/C Circuit (3 of 4)

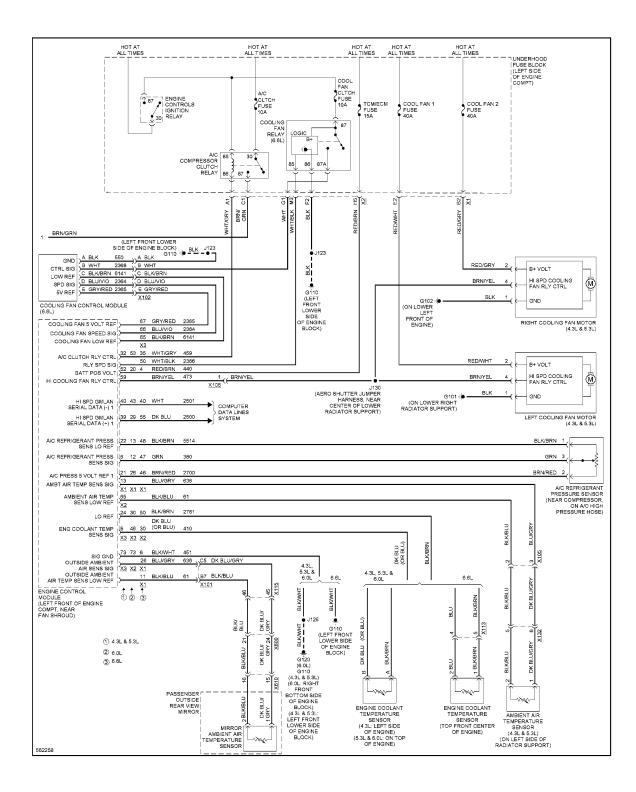


Fig. 8: Manual A/C Circuit (4 of 4)

ANTI-LOCK BRAKES

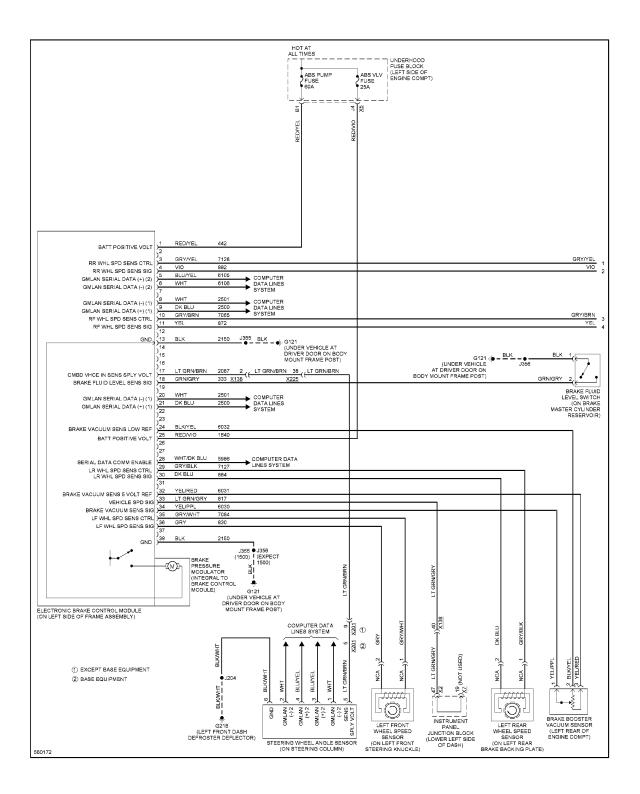


Fig. 9: Anti-Lock Brakes Circuit (1 of 2)

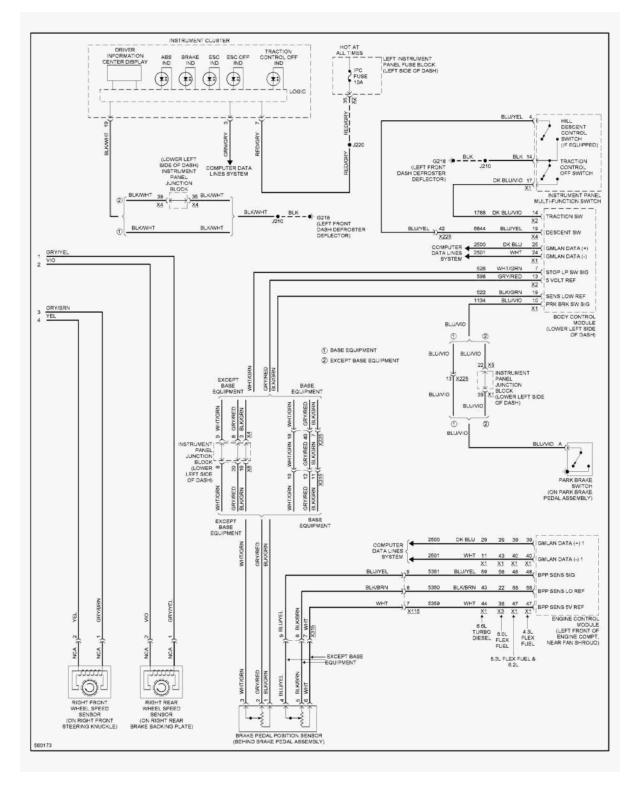


Fig. 10: Anti-Lock Brakes Circuit (2 of 2)

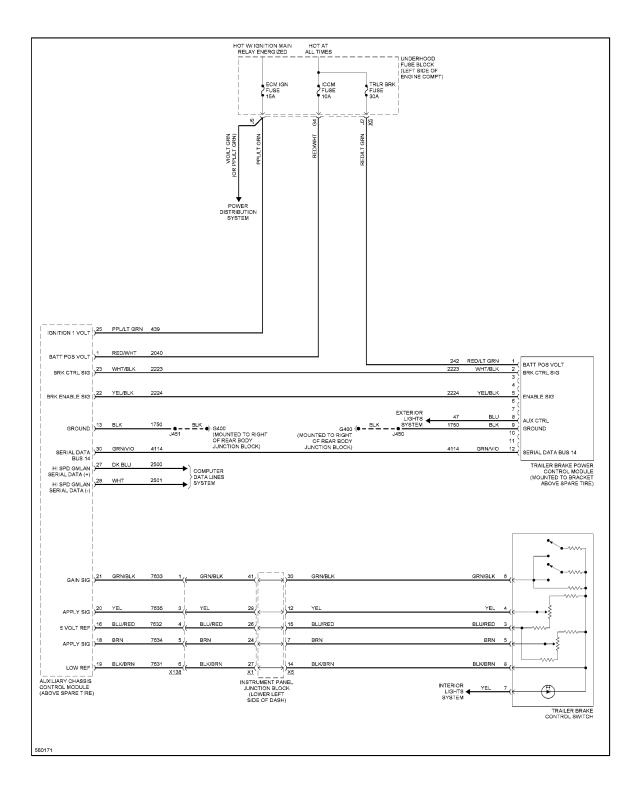


Fig. 11: Trailer ABS Circuit

ANTI-THEFT

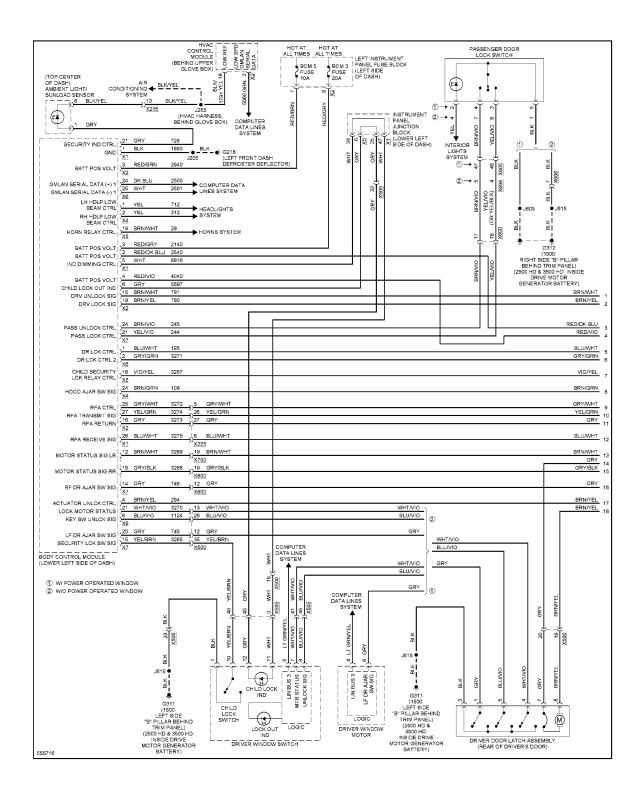
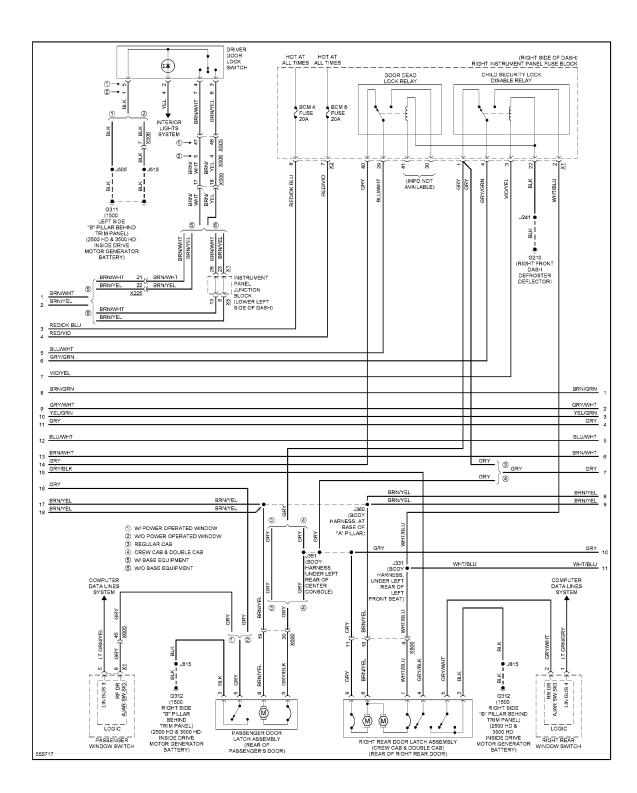
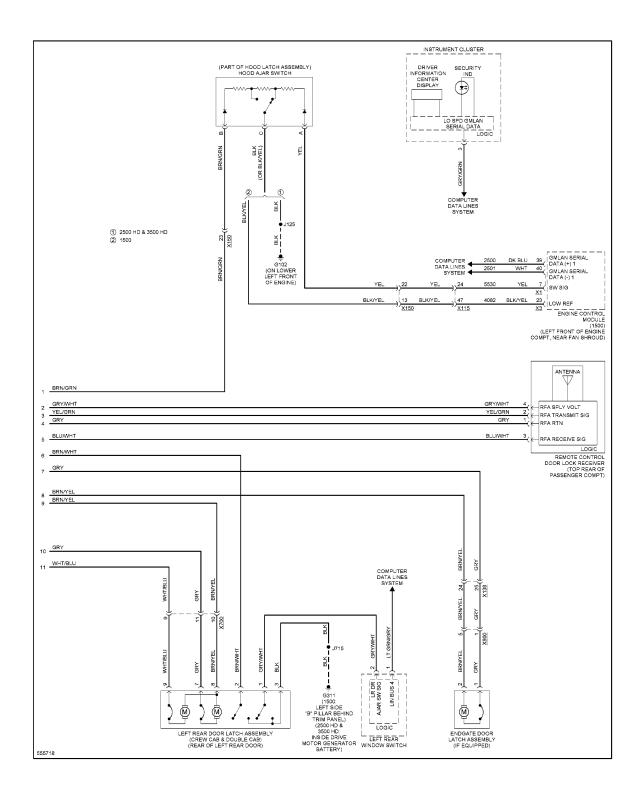


Fig. 12: Forced Entry Circuit (1 of 3)



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Fig. 13: Forced Entry Circuit (2 of 3)



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Fig. 14: Forced Entry Circuit (3 of 3)

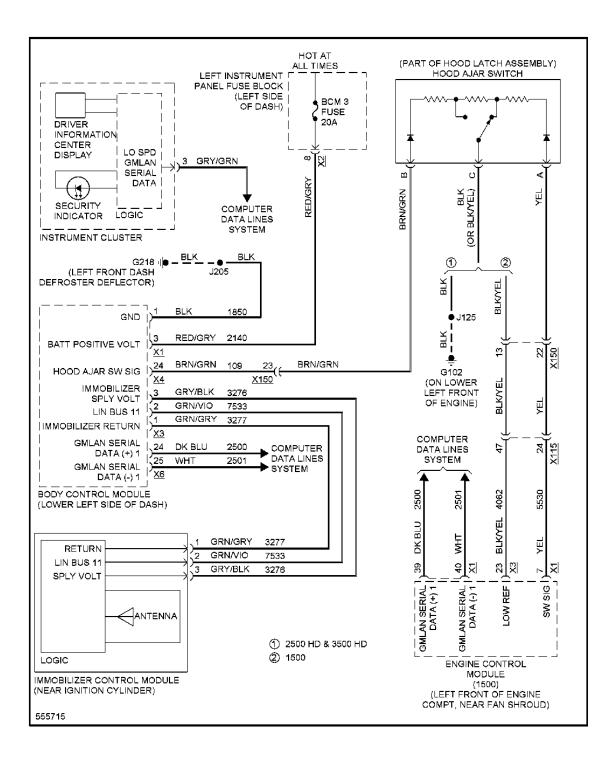


Fig. 15: Pass-Key Circuit

BODY CONTROL MODULES

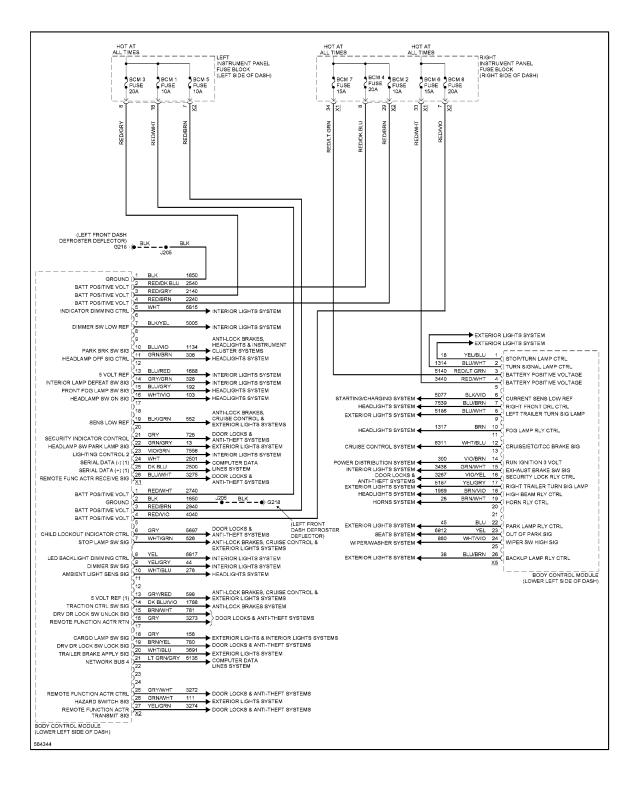


Fig. 16: Body Control Modules Circuit (1 of 2)

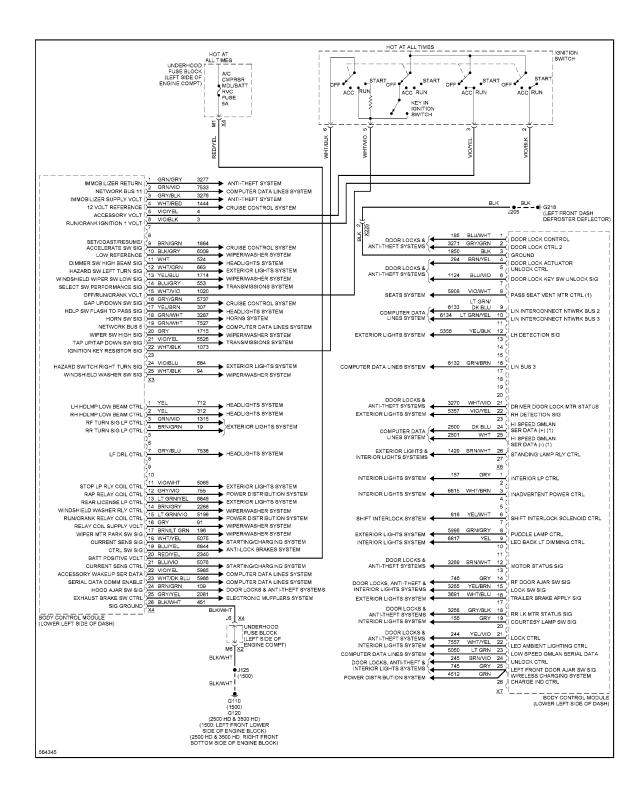


Fig. 17: Body Control Modules Circuit (2 of 2)

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L	2 GRNMO 7533	GRN//O
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	(LOWER LEFT SIDE OF DASH)	
56451D		
584510		
564510		
564510		
564510		
	56/510	

Fig. 18: Computer Data Lines Circuit (1 of 7)

1 LT GRN/GRY 20 LT GRN/GRY			LT GRN/GRY 20	
		J370 (BODY HARNESS,	LT GRN/GRY	
LOGIC	GRY	NEAR BASE OF LEFT "B" PILLAR)		RIGHT REAR WINDOW SWITCH
	LT GRN/			
	4	X225		
	ß	LT GRN/WHT	34 LT GRN/WHT 37 X500 X505	
	LT GRNGRY			OUTSIDE REAR VIEW
LIN BUS 3	-	(BODY HARNESS,		
		UNDER PASSENGER SEAT)		
WINDOW TRACK)		•		
GRUNYE			33 LT GRN/YEL 36	X1 LIN BOS 3
۲ و ۱				PASSENGER WINDOW SWITCH
RED/VIO				RED/VIO
2 DK BLU				DK BLU
3 DK BLU WHT				DK BLU
5 DK BLUYEL				DK BLU/YEL
7 WHT				WHT WHT
3 LT GRNWHT				
		J245 (INSTRUMENT		
DRIVER SEAT HEATING & COOLING SWITCH (IF EQUIPPED)		PANEL HARNESS, LEFT OF RADIO)		PASSENGER SEAT HEATING & COOLING SWITCH
				(IF EQUIPPED)
8 LT GRN/GRY				
LT GRN/YEL LT GRN/YEL 33			6133	R LT GRN/DK BLU) GRN/BLU 8 (LOC DATA BUS 2
X500 LT GRN/YEL		+-		
10 LT GRN/WHT				CONTROL MODULE (IF EQUIPPED)
, DK BLU				DK BLU
11 WHT 12 WHT 3 GRN/BRN				WHT GRN/BRN
				LT GRNWHT VIO/YEL
14 WHT/DK BLU				WHT/DK BLU
15 LT GRN 15 LT GRN 16 und 17 GRN 10 und 17 GRN				LT GRN LT GRN
VIO/YEL VIO/YEL		J		VIO/YEL . VIO/YEL .
19 VIO/YEL				
20 GRN/BLU (OR LT GRN/DK BLU)				
20				
21 GRNVIO			753	3 GRN/VIO 2
				IMMOBILIZER CONTROL MODULE (NEAR IGNITION CYLINDER
				 Construction of the second second and Middle X
564511				

Fig. 19: Computer Data Lines Circuit (2 of 7)

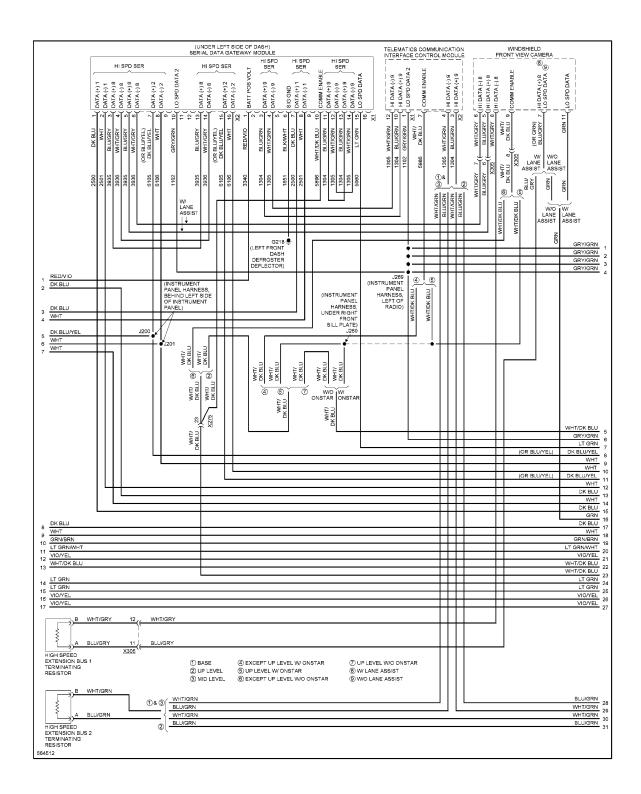


Fig. 20: Computer Data Lines Circuit (3 of 7)

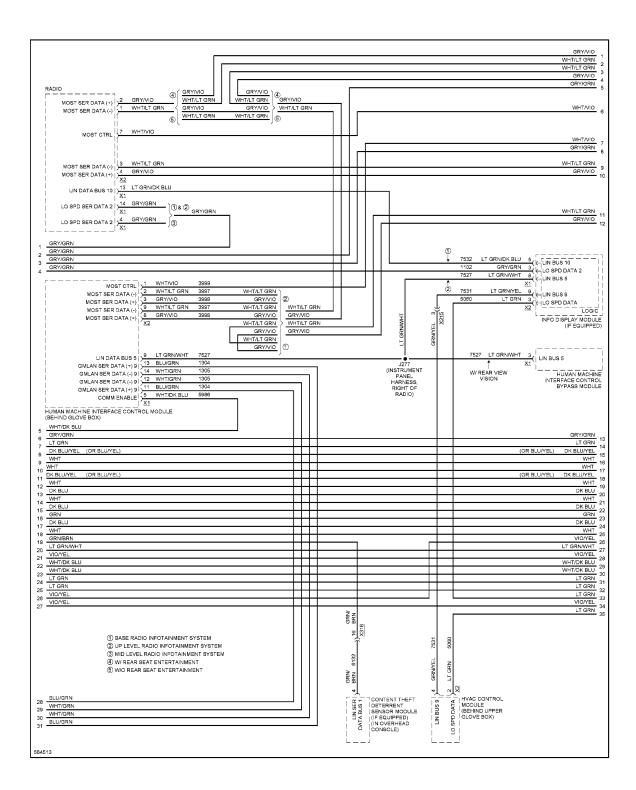


Fig. 21: Computer Data Lines Circuit (4 of 7)

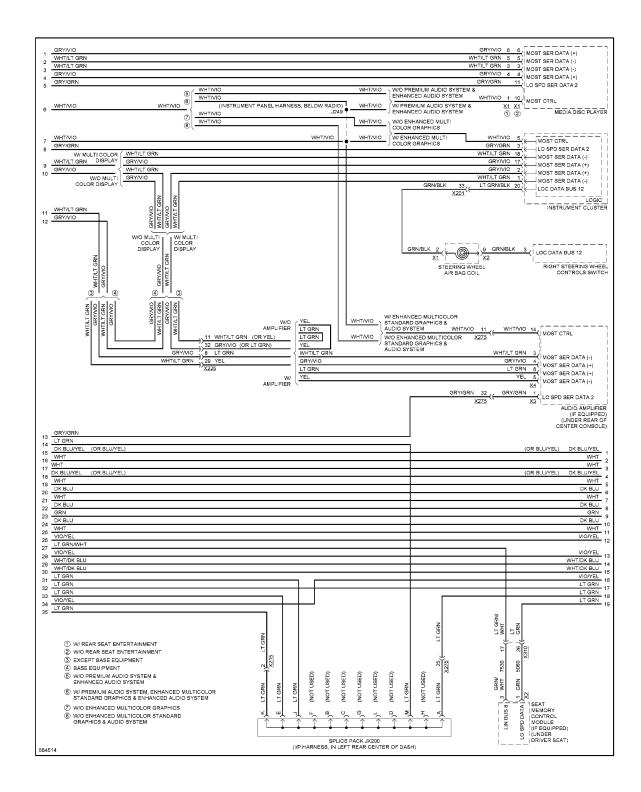


Fig. 22: Computer Data Lines Circuit (5 of 7)

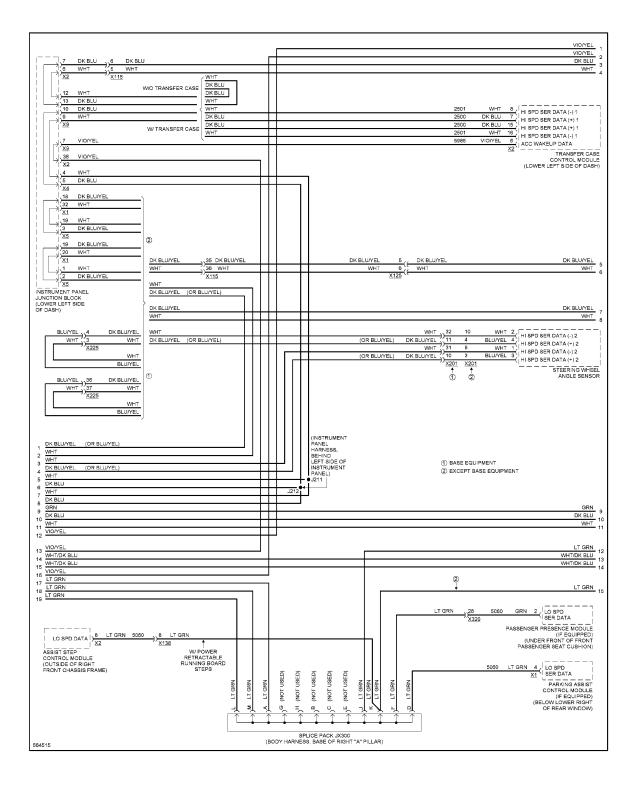


Fig. 23: Computer Data Lines Circuit (6 of 7)

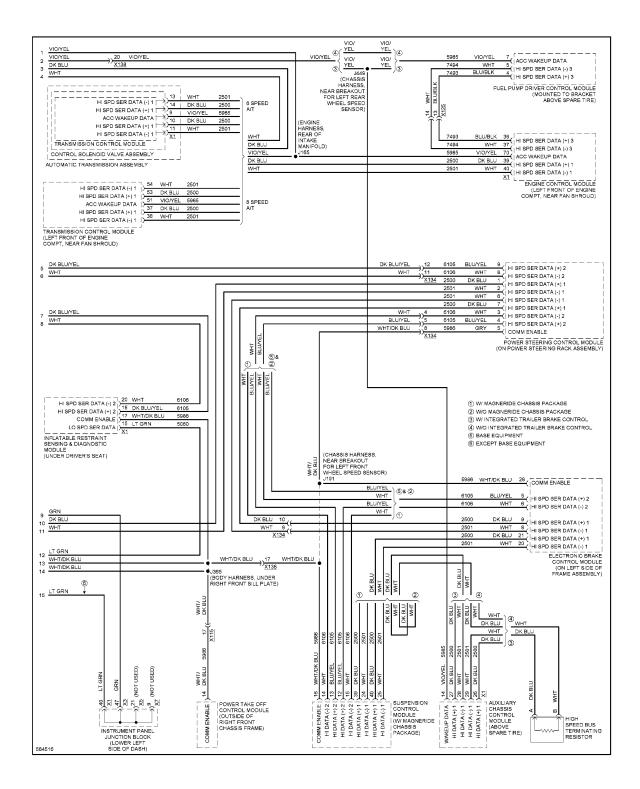


Fig. 24: Computer Data Lines Circuit (7 of 7)

COOLING FAN

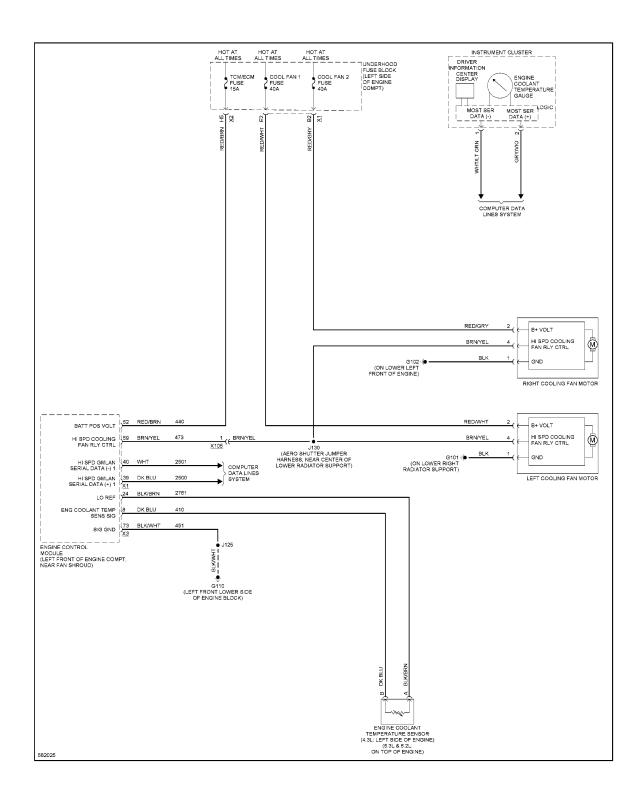


Fig. 25: Cooling Fan Circuit

CRUISE CONTROL

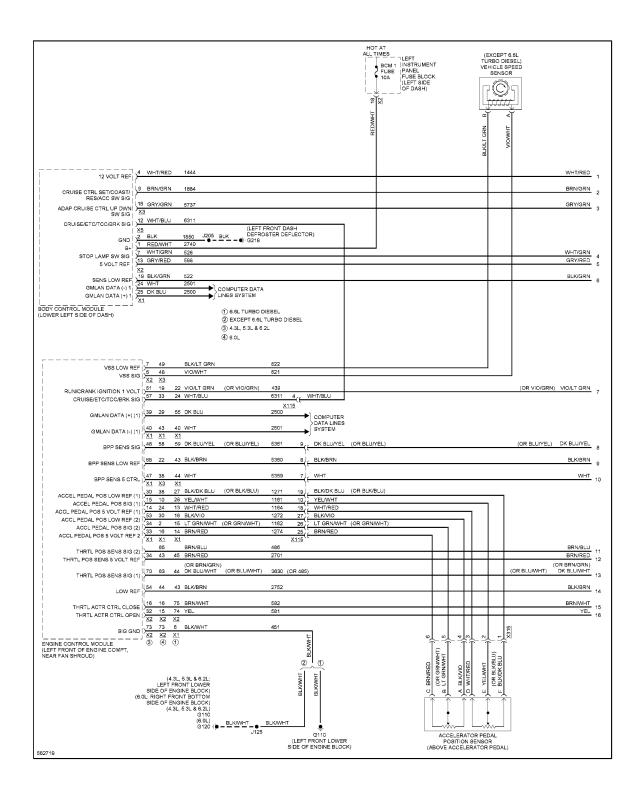


Fig. 26: Cruise Control Circuit (1 of 3)

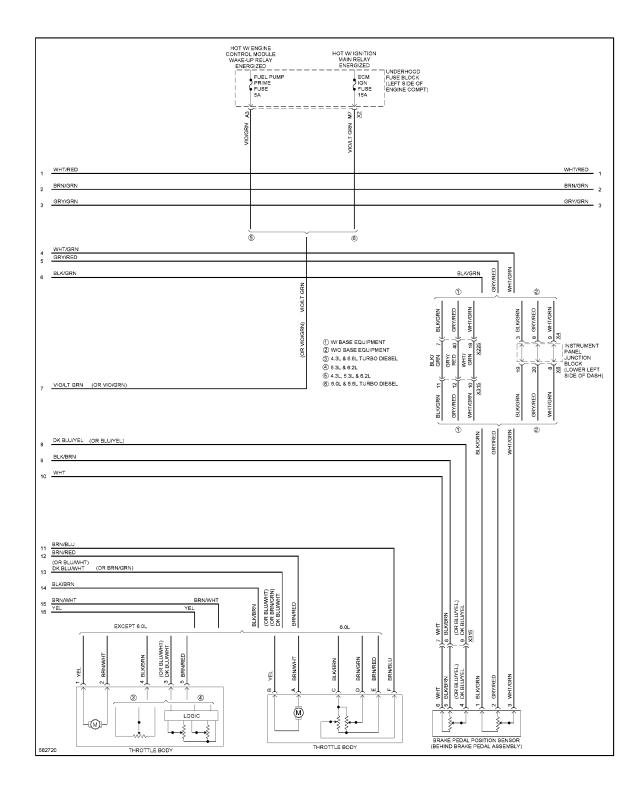


Fig. 27: Cruise Control Circuit (2 of 3)

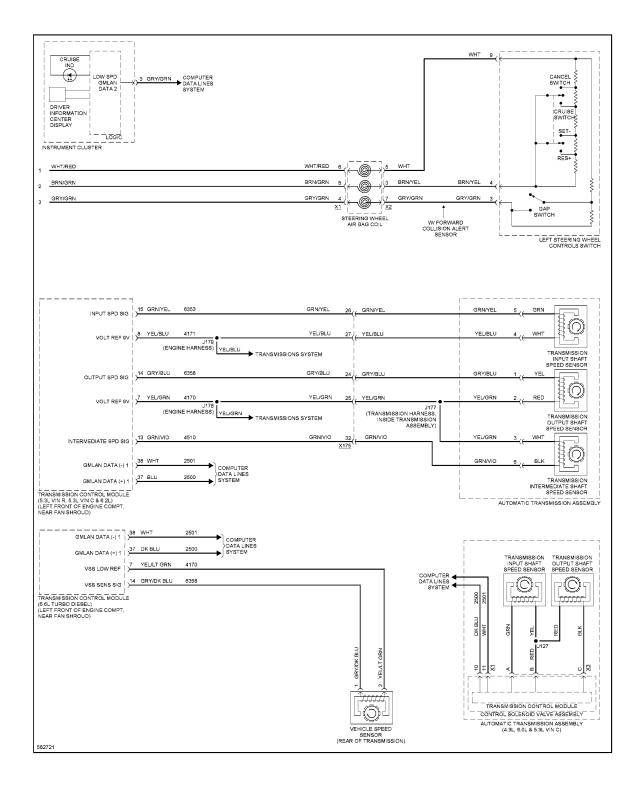


Fig. 28: Cruise Control Circuit (3 of 3)

DEFOGGERS

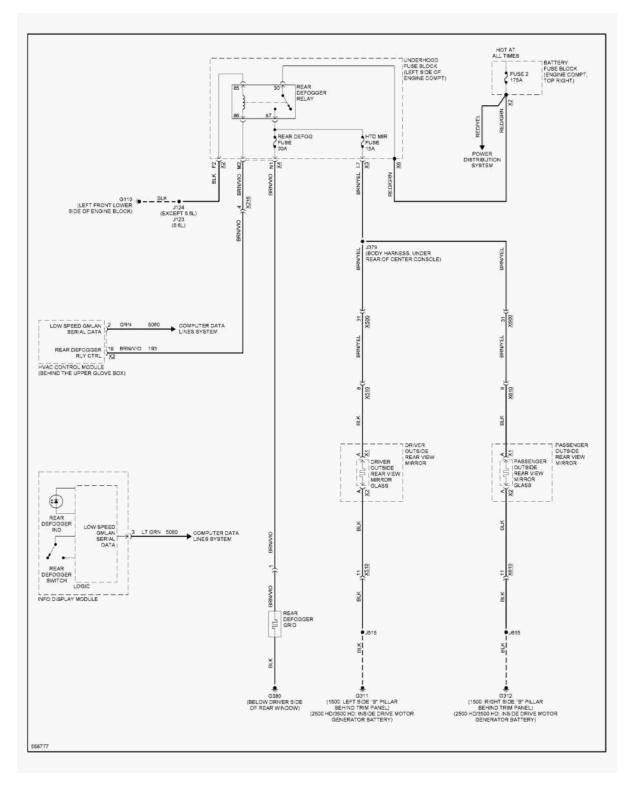


Fig. 29: Defoggers Circuit

ELECTRONIC MUFFLER

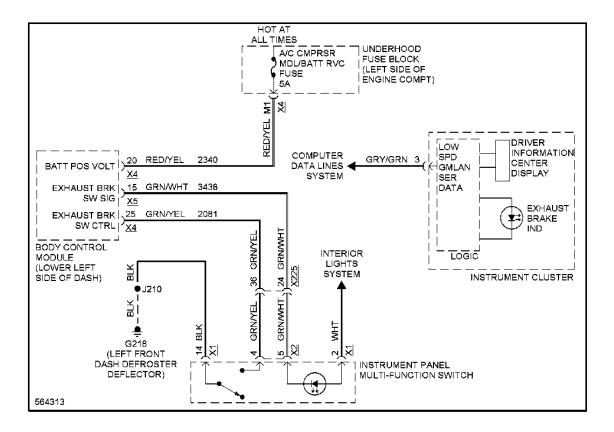


Fig. 30: Electronic Muffler Circuit

ELECTRONIC POWER STEERING

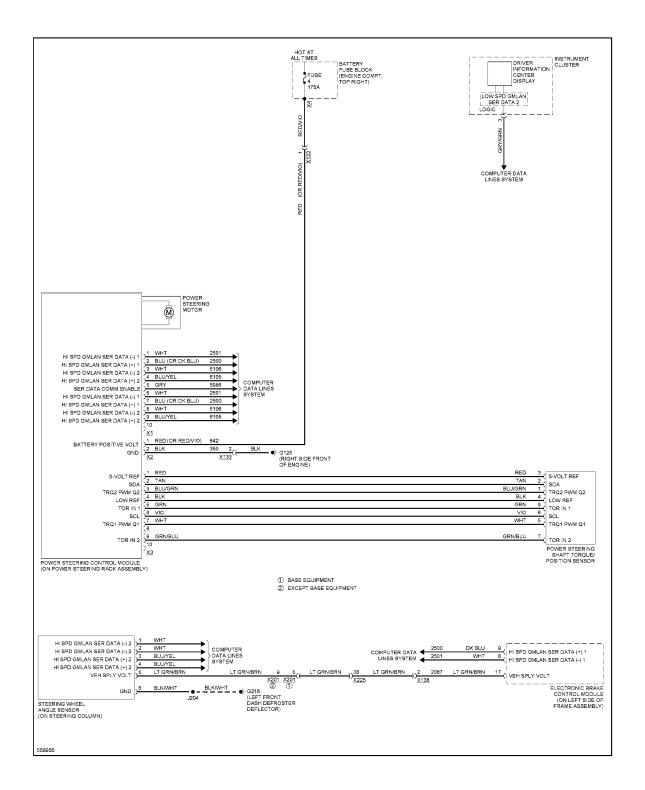


Fig. 31: Electronic Power Steering Circuit

ELECTRONIC SUSPENSION

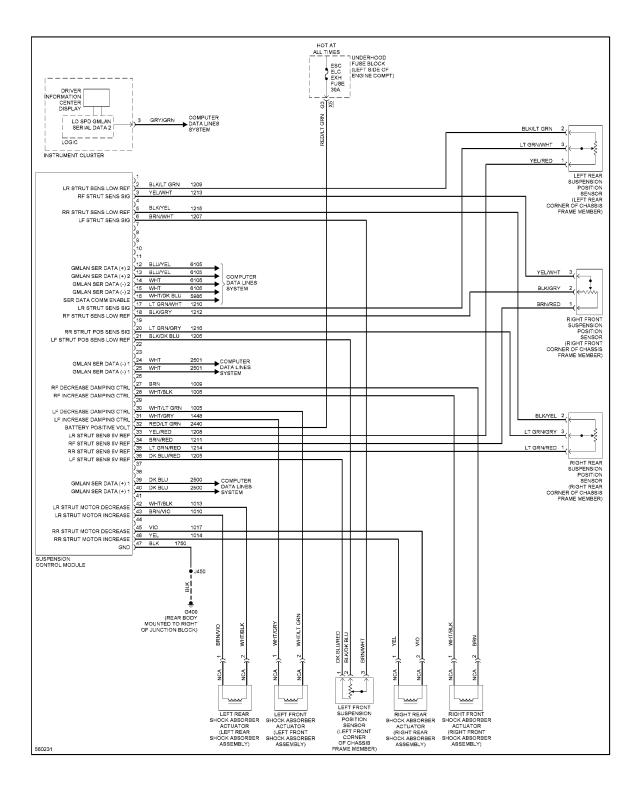


Fig. 32: Electronic Suspension Circuit

ENGINE PERFORMANCE

4.3L VIN H

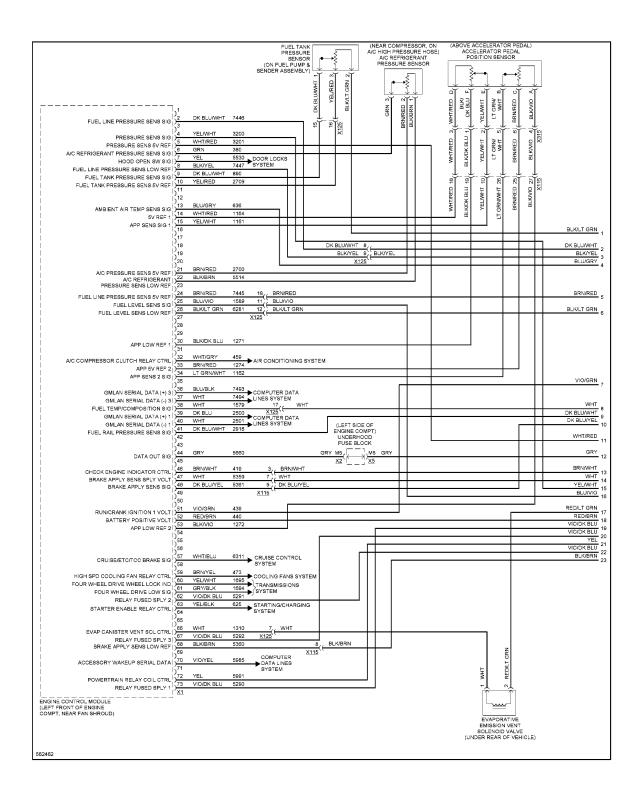


Fig. 33: 4.3L VIN H, Engine Performance Circuit (1 of 6)

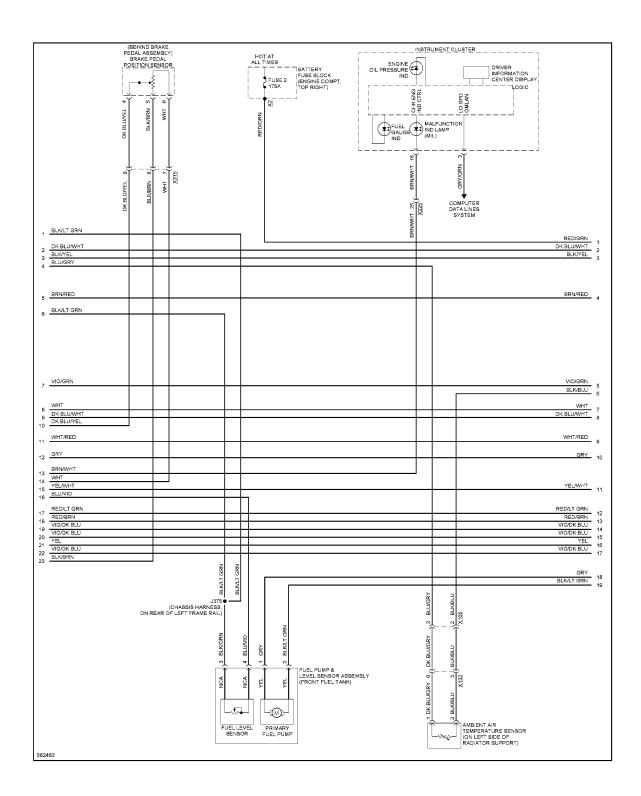


Fig. 34: 4.3L VIN H, Engine Performance Circuit (2 of 6)

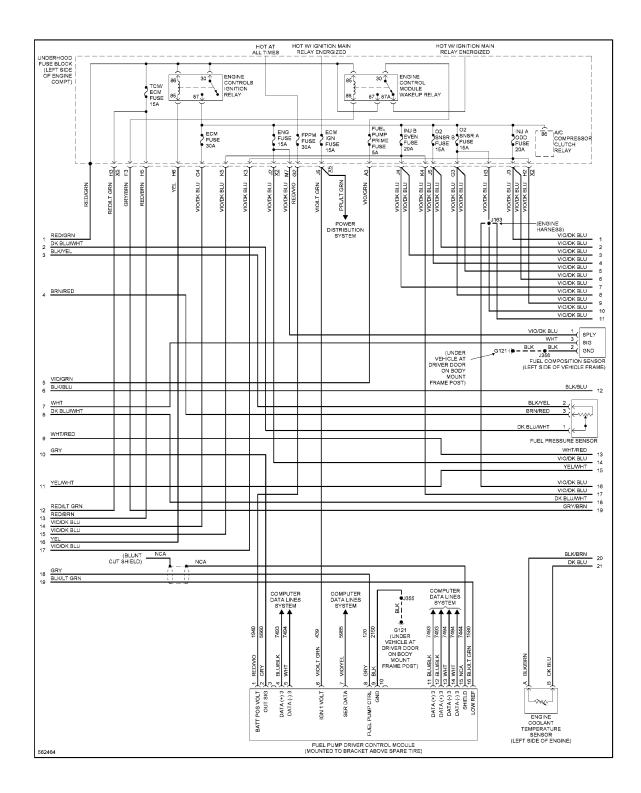


Fig. 35: 4.3L VIN H, Engine Performance Circuit (3 of 6)

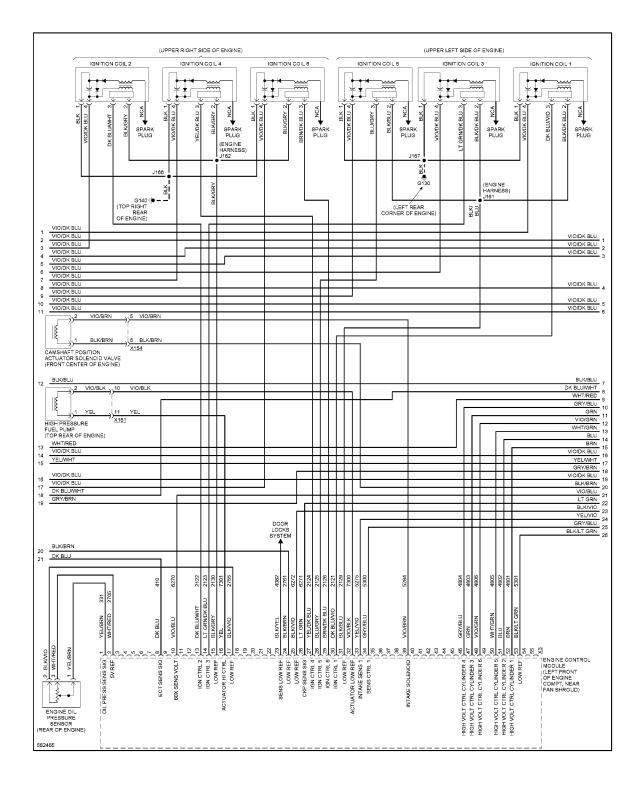


Fig. 36: 4.3L VIN H, Engine Performance Circuit (4 of 6)

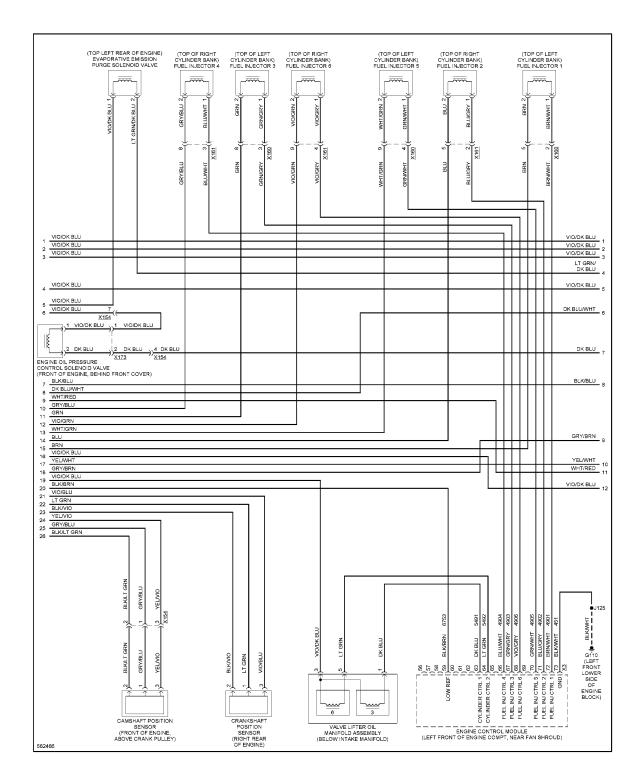
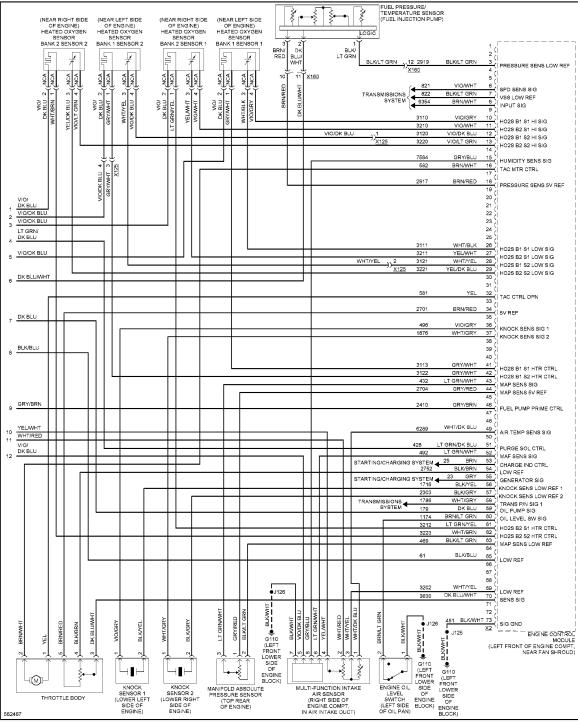


Fig. 37: 4.3L VIN H, Engine Performance Circuit (5 of 6)



ND ENGINE CONTROL MODULE NT OF ENGINE COMPT, NEAR FAN BHROUD)

Fig. 38: 4.3L VIN H, Engine Performance Circuit (6 of 6)

5.3L VIN C

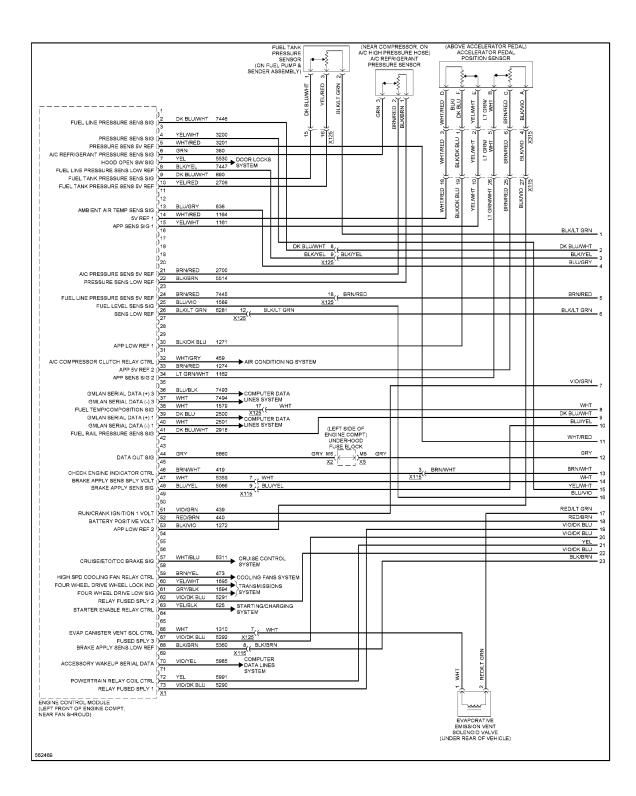
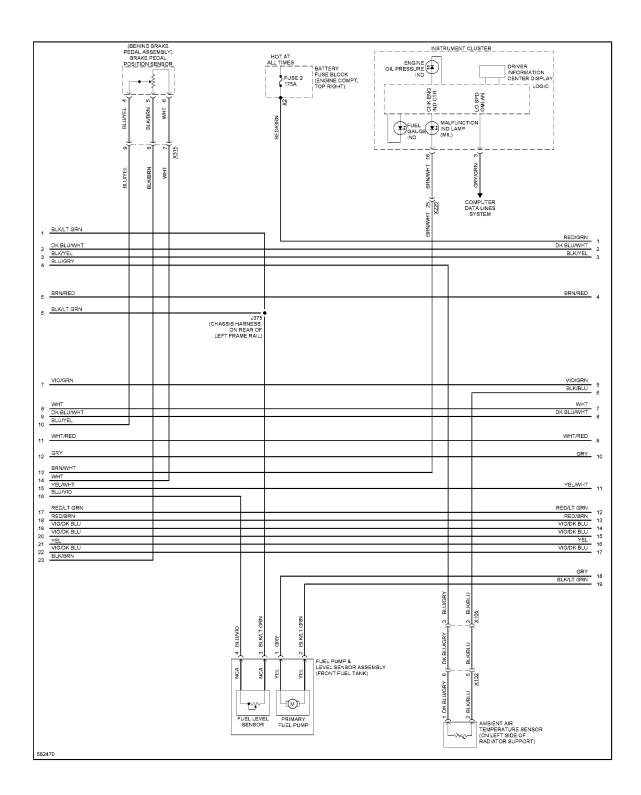


Fig. 39: 5.3L VIN C, Engine Performance Circuit (1 of 6)



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Fig. 40: 5.3L VIN C, Engine Performance Circuit (2 of 6)

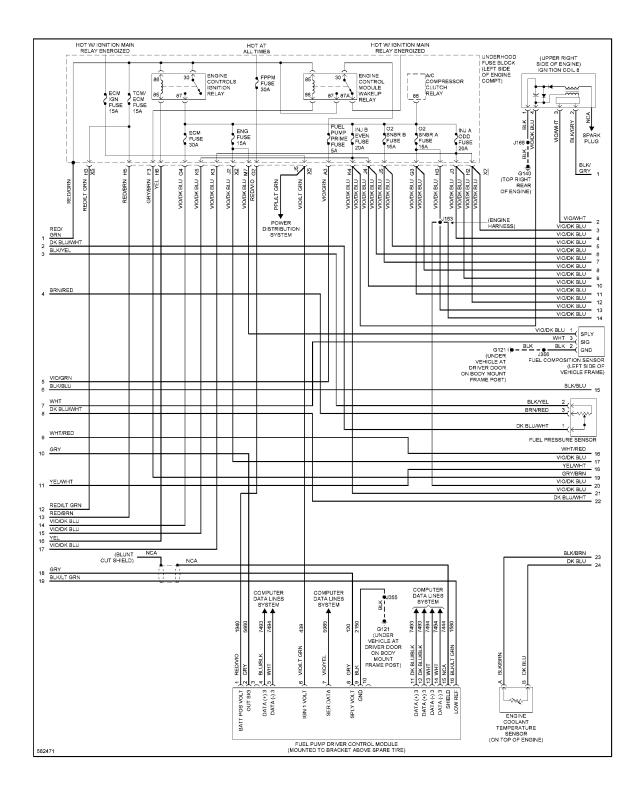


Fig. 41: 5.3L VIN C, Engine Performance Circuit (3 of 6)

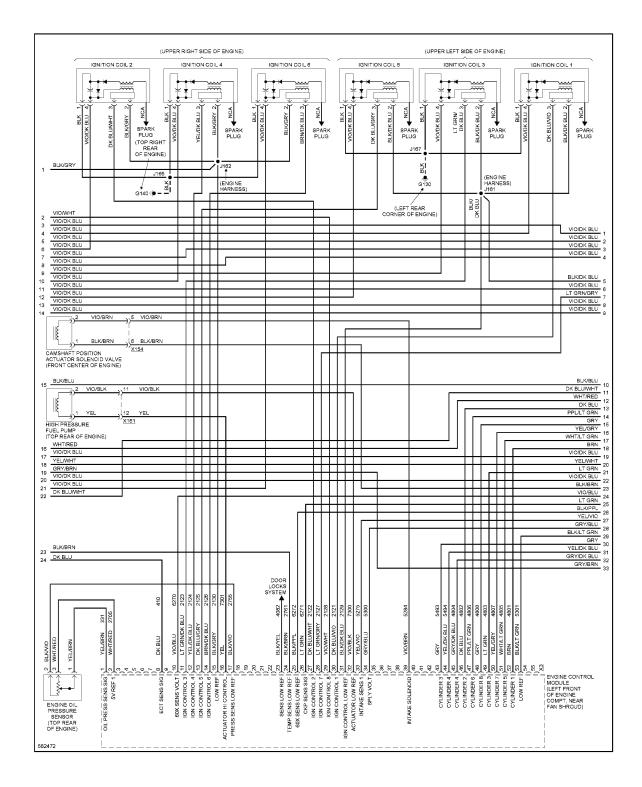
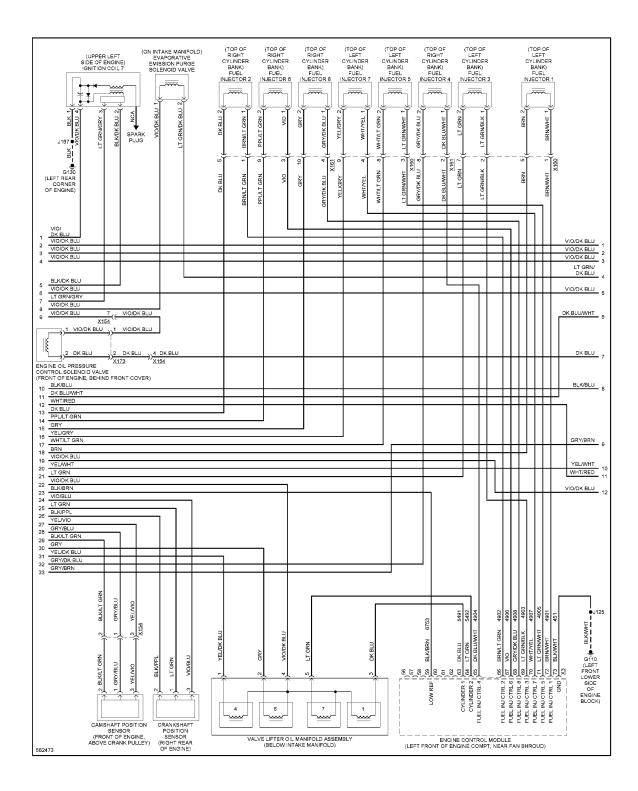


Fig. 42: 5.3L VIN C, Engine Performance Circuit (4 of 6)



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Fig. 43: 5.3L VIN C, Engine Performance Circuit (5 of 6)

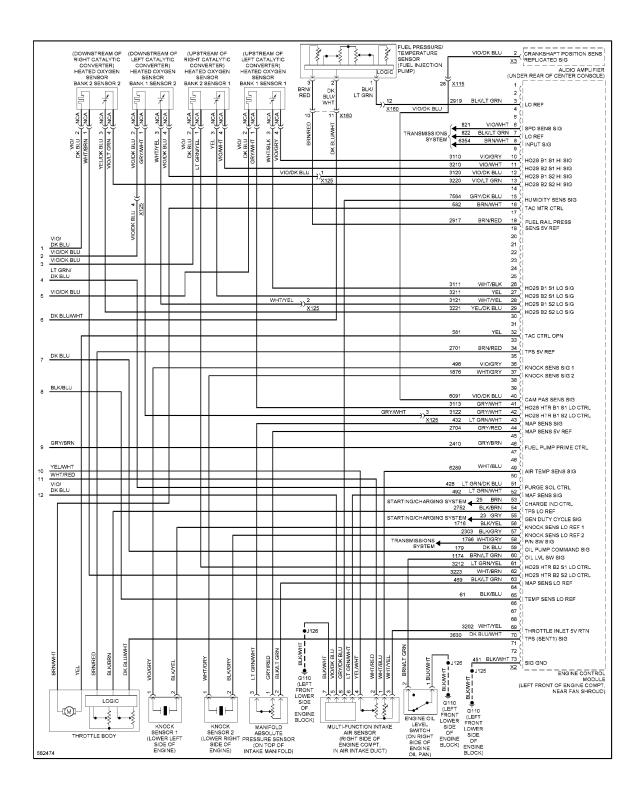


Fig. 44: 5.3L VIN C, Engine Performance Circuit (6 of 6)

6.2L VIN J

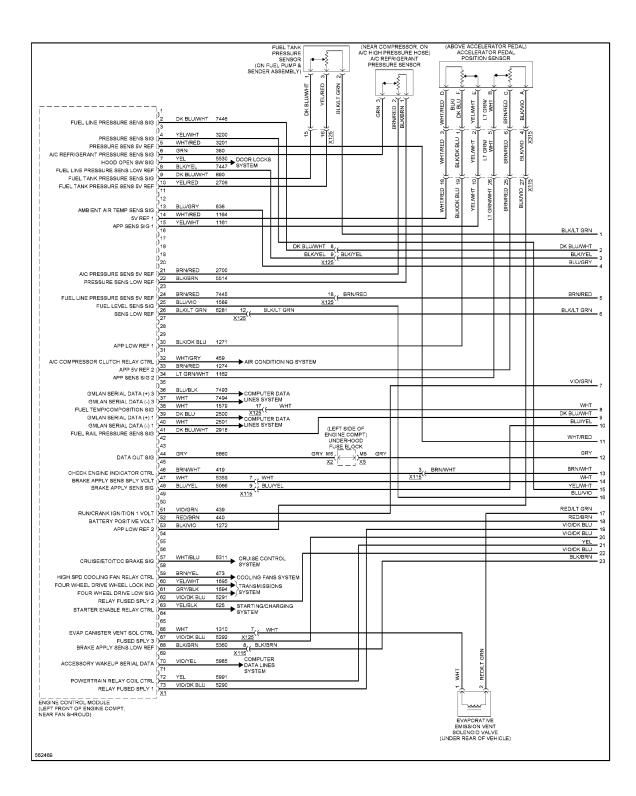
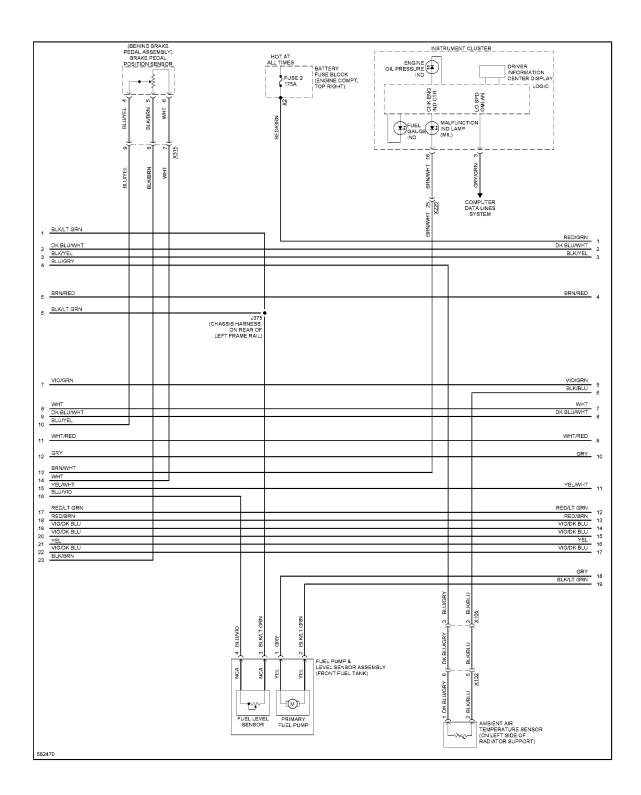


Fig. 45: 6.2L VIN J, Engine Performance Circuit (1 of 6)



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Fig. 46: 6.2L VIN J, Engine Performance Circuit (2 of 6)

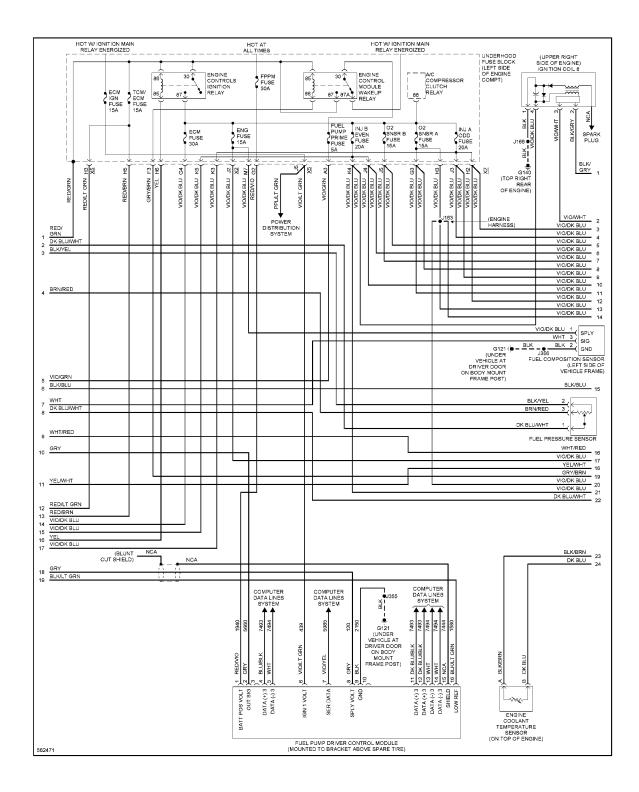


Fig. 47: 6.2L VIN J, Engine Performance Circuit (3 of 6)

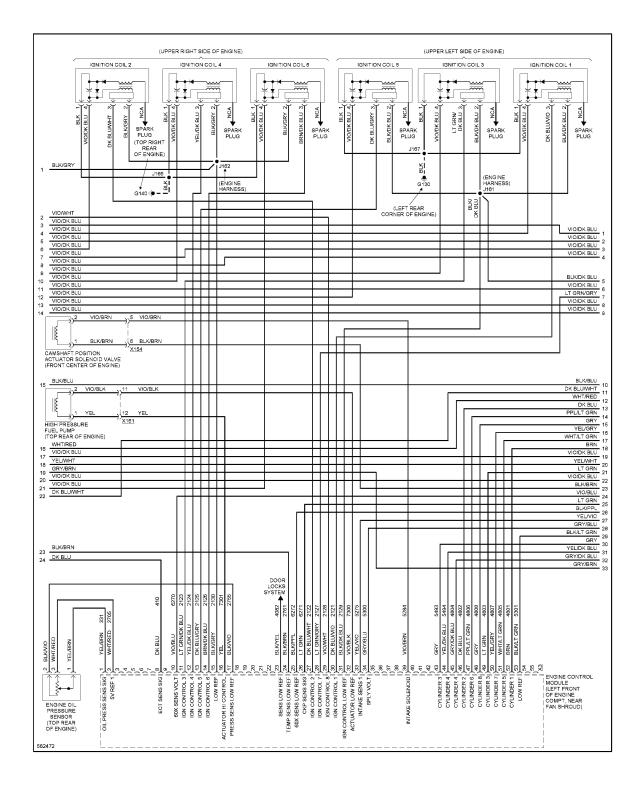
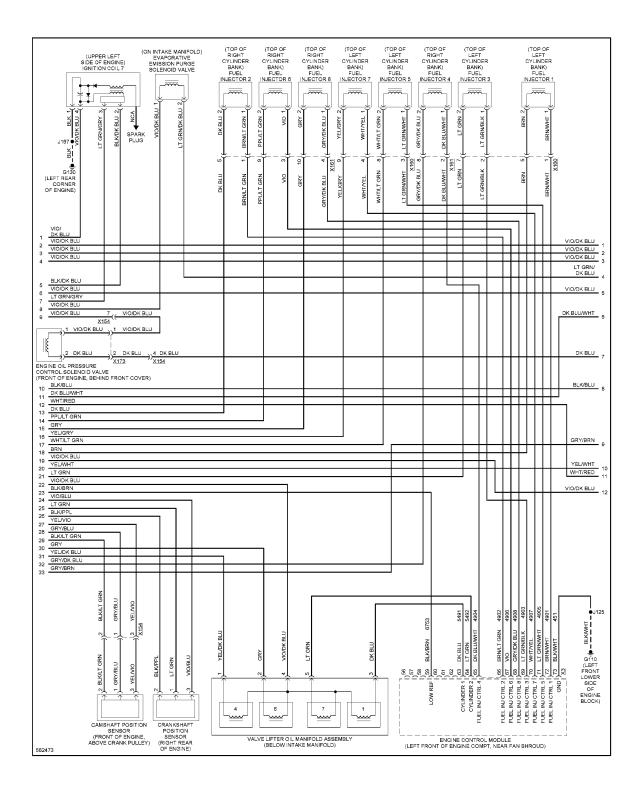


Fig. 48: 6.2L VIN J, Engine Performance Circuit (4 of 6)



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Fig. 49: 6.2L VIN J, Engine Performance Circuit (5 of 6)

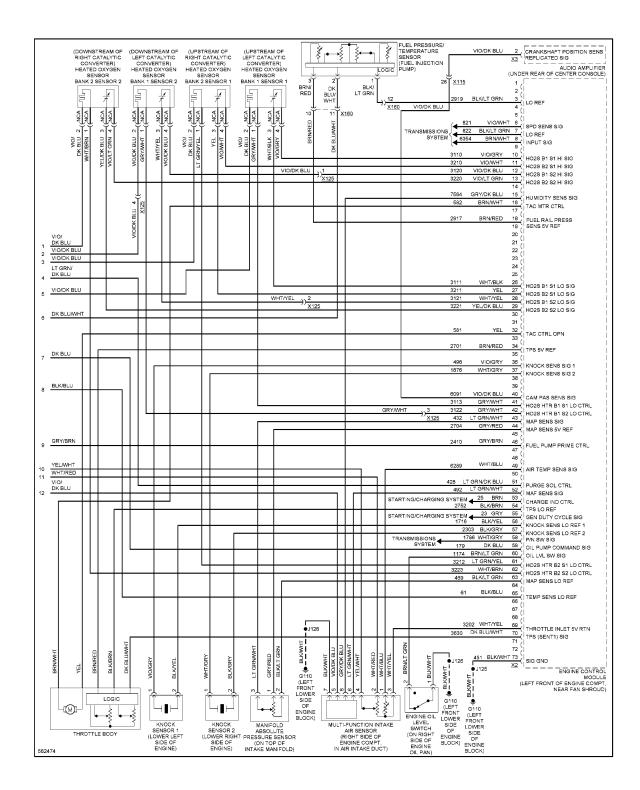


Fig. 50: 6.2L VIN J, Engine Performance Circuit (6 of 6)

EXTERIOR LIGHTS

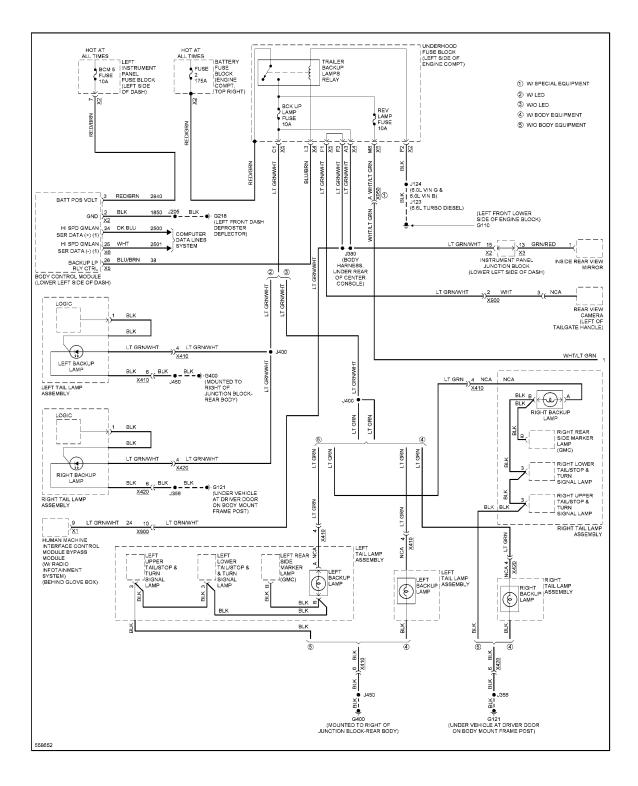


Fig. 51: Backup Lamps Circuit (1 of 2)

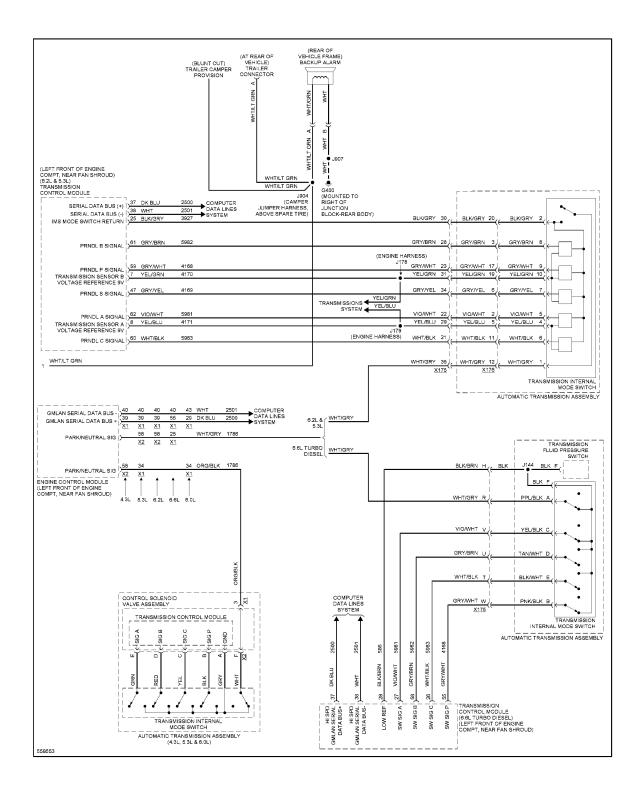


Fig. 52: Backup Lamps Circuit (2 of 2)

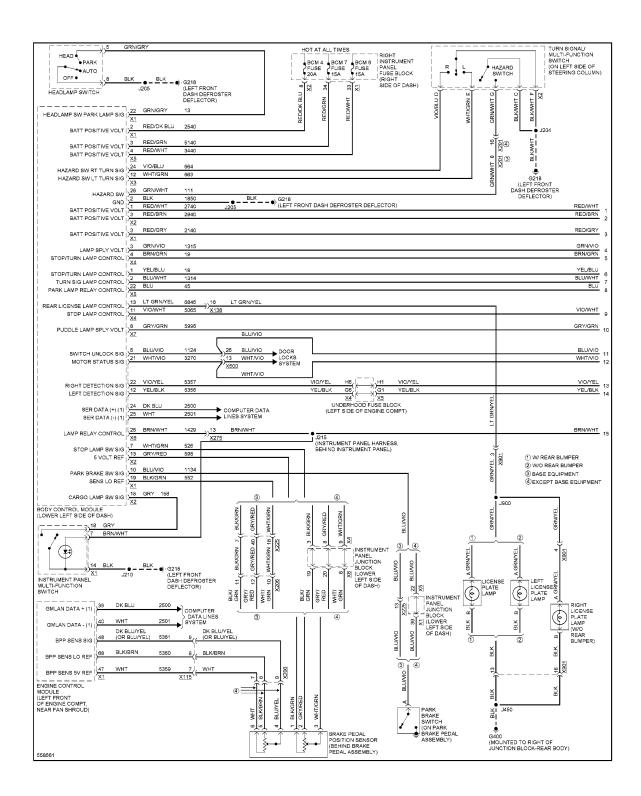


Fig. 53: Exterior Lamps Circuit (1 of 7)

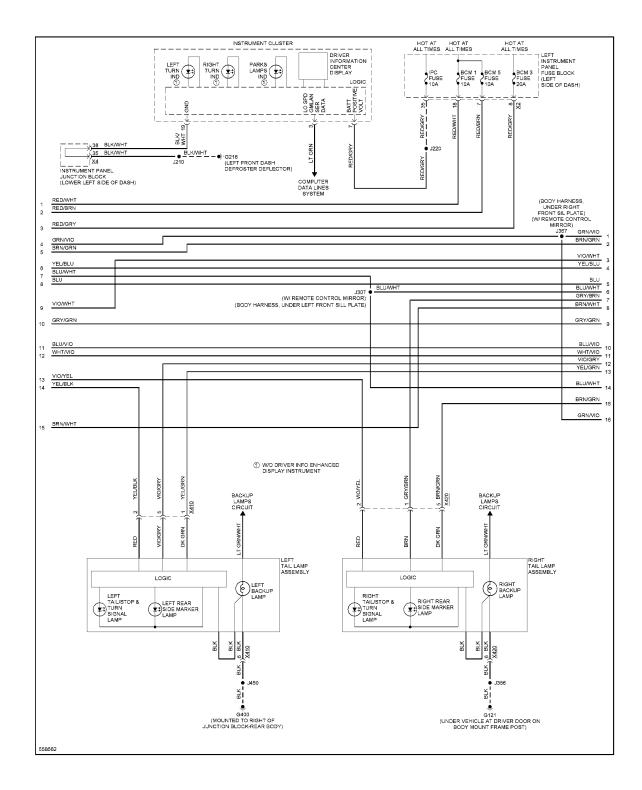
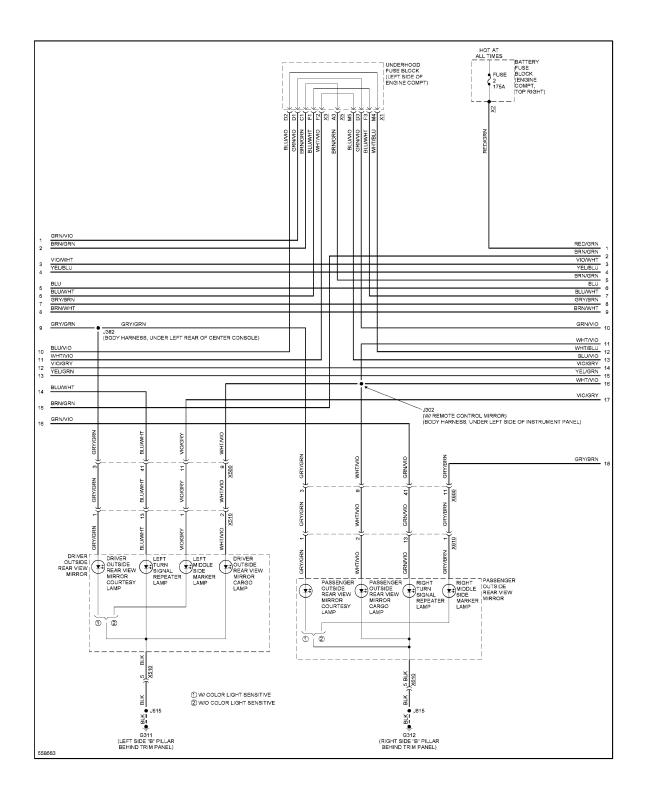


Fig. 54: Exterior Lamps Circuit (2 of 7)



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Fig. 55: Exterior Lamps Circuit (3 of 7)

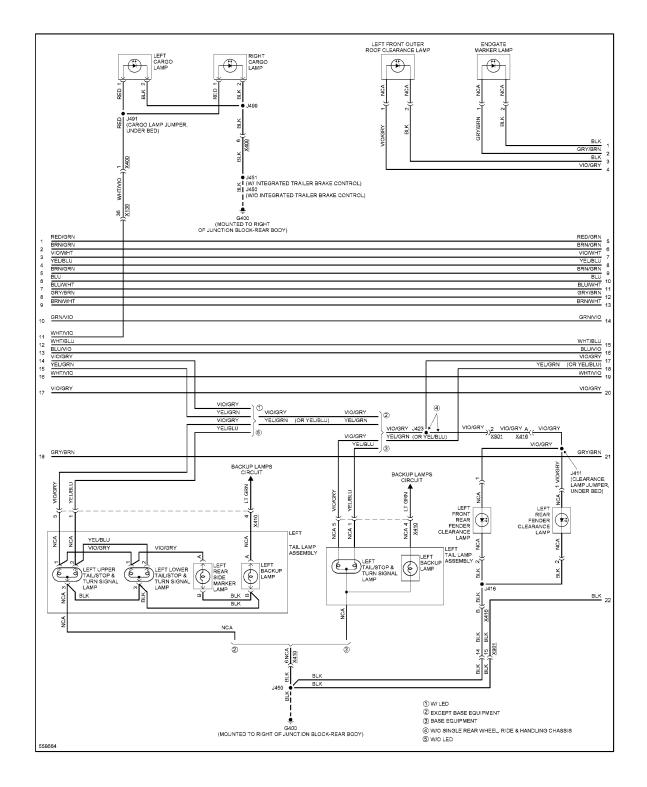
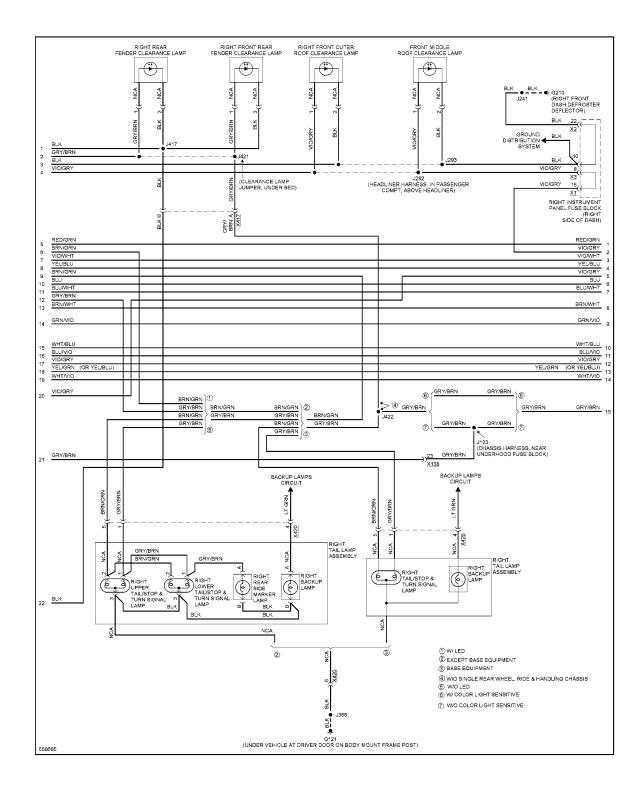
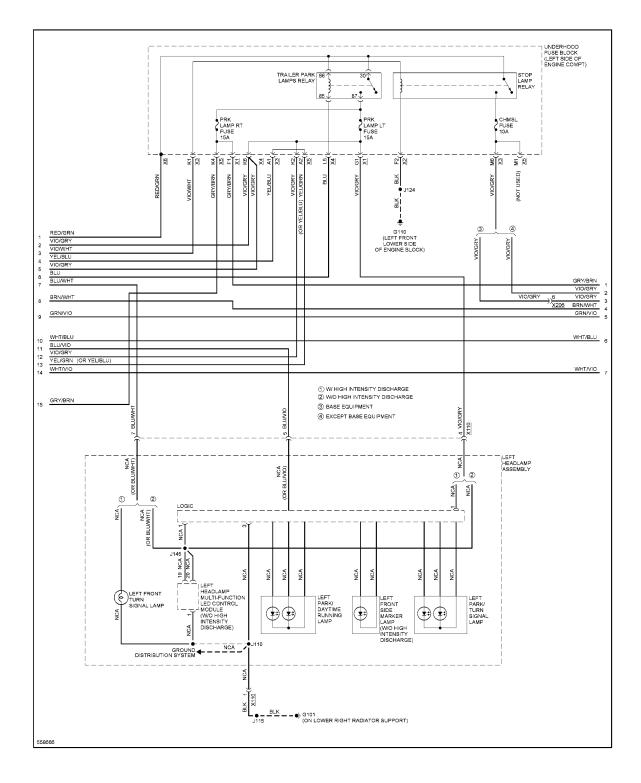


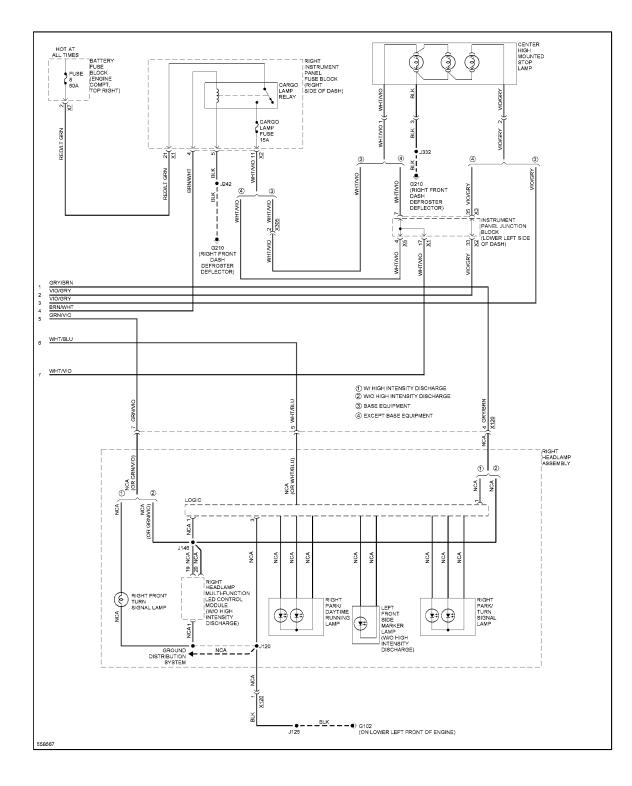
Fig. 56: Exterior Lamps Circuit (4 of 7)





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Fig. 58: Exterior Lamps Circuit (6 of 7)



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Fig. 59: Exterior Lamps Circuit (7 of 7)

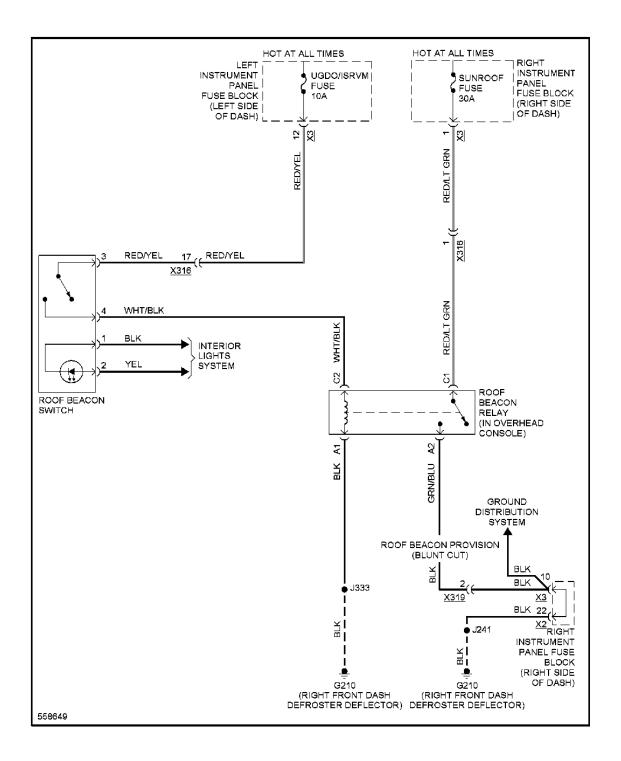


Fig. 60: Roof Light Circuit

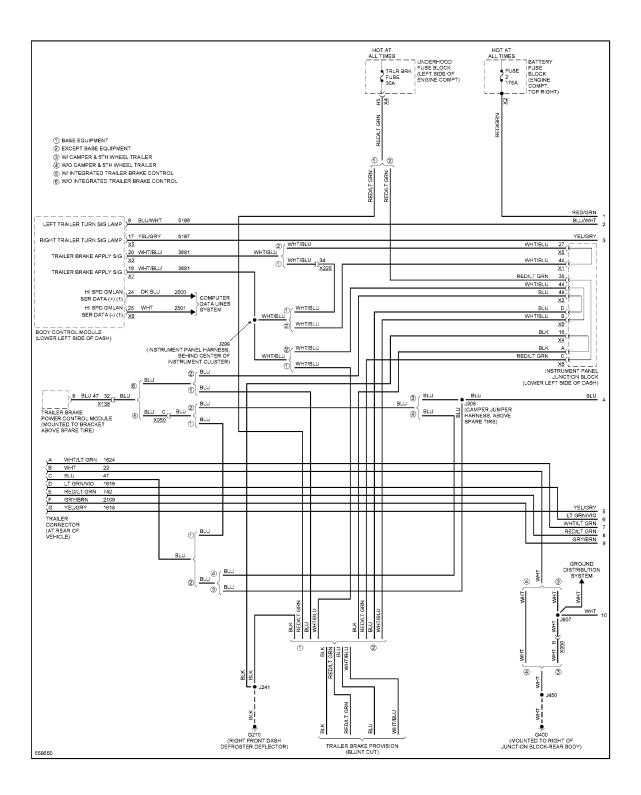


Fig. 61: Trailer Tow Circuit (1 of 2)

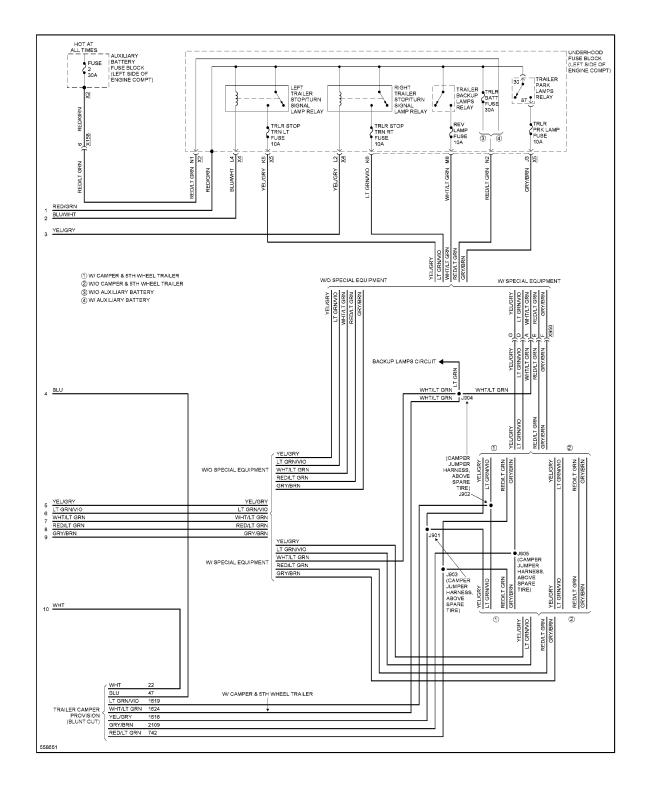
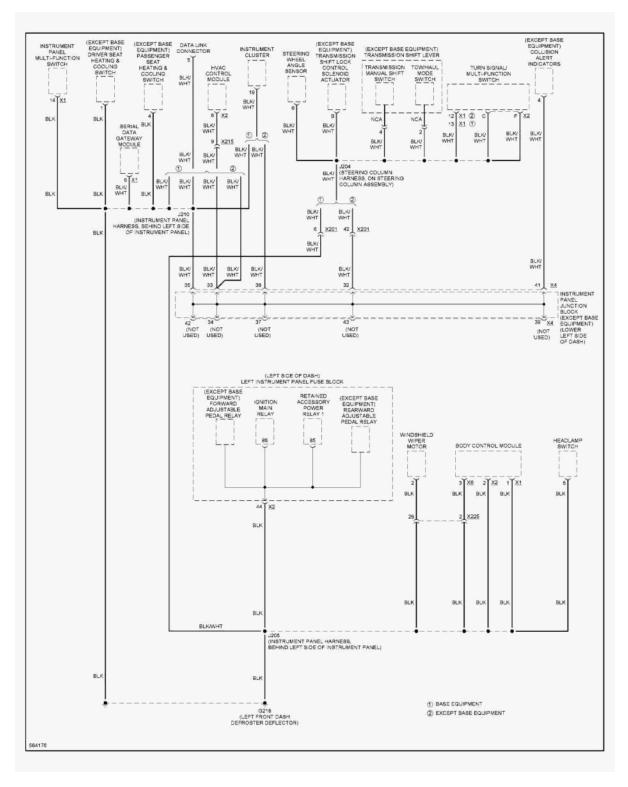


Fig. 62: Trailer Tow Circuit (2 of 2)

GROUND DISTRIBUTION





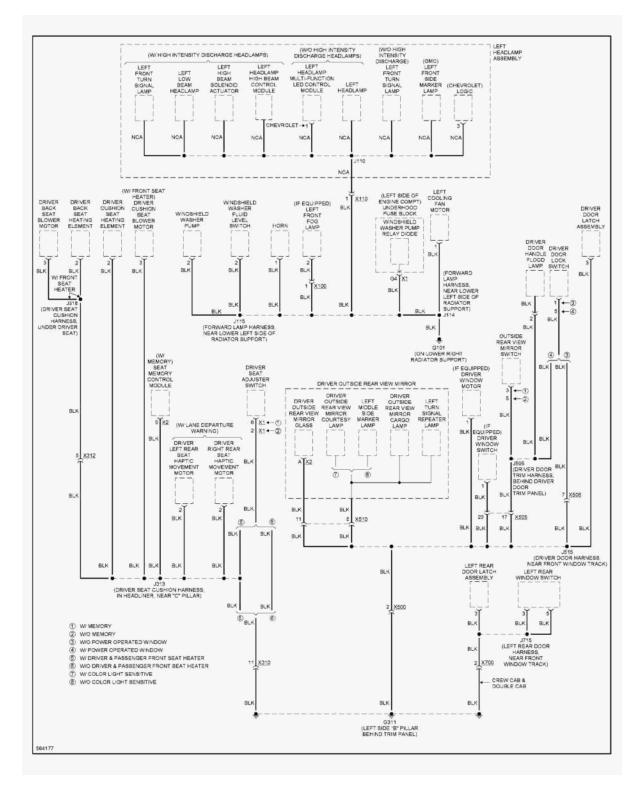


Fig. 64: Ground Distribution Circuit (2 of 6)

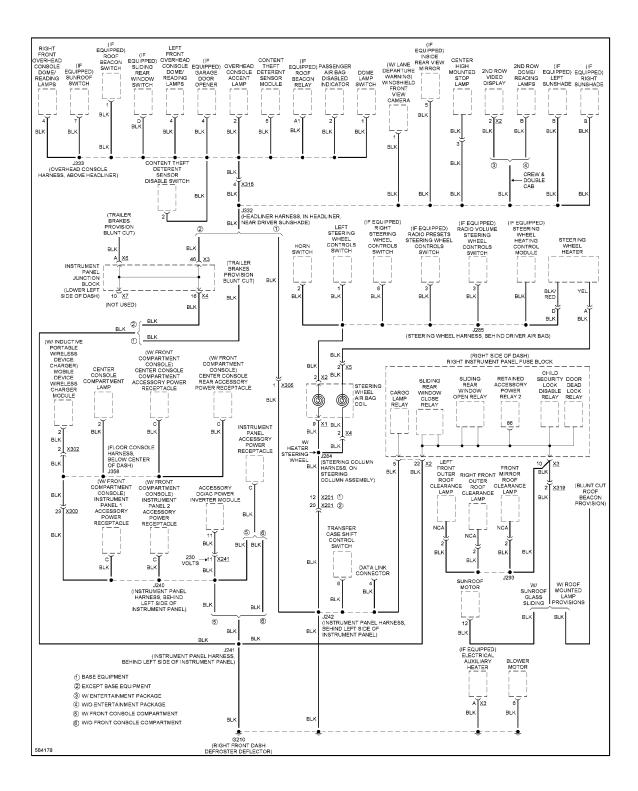


Fig. 65: Ground Distribution Circuit (3 of 6)

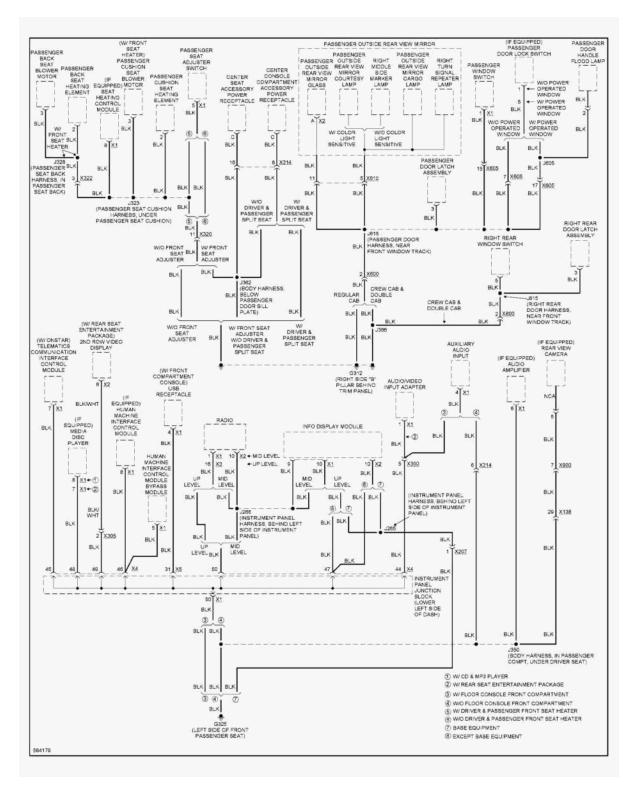
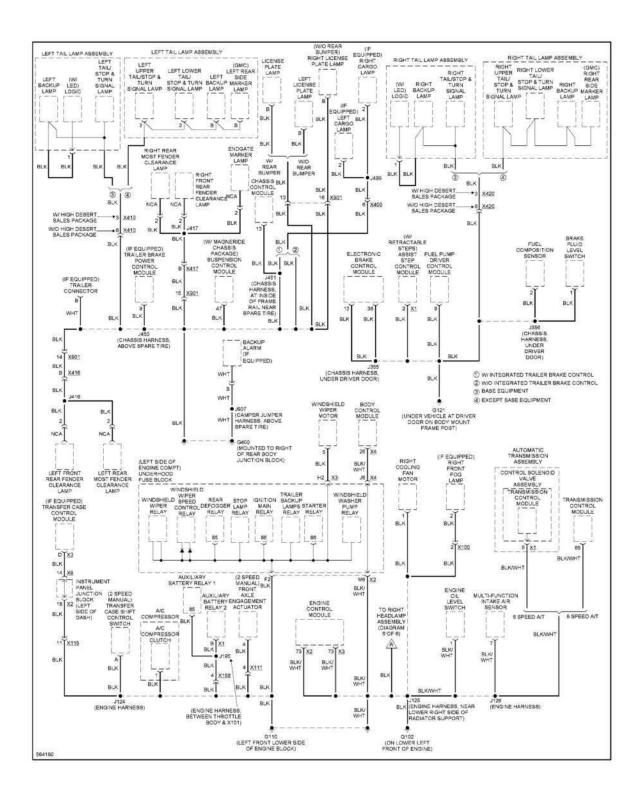


Fig. 66: Ground Distribution Circuit (4 of 6)





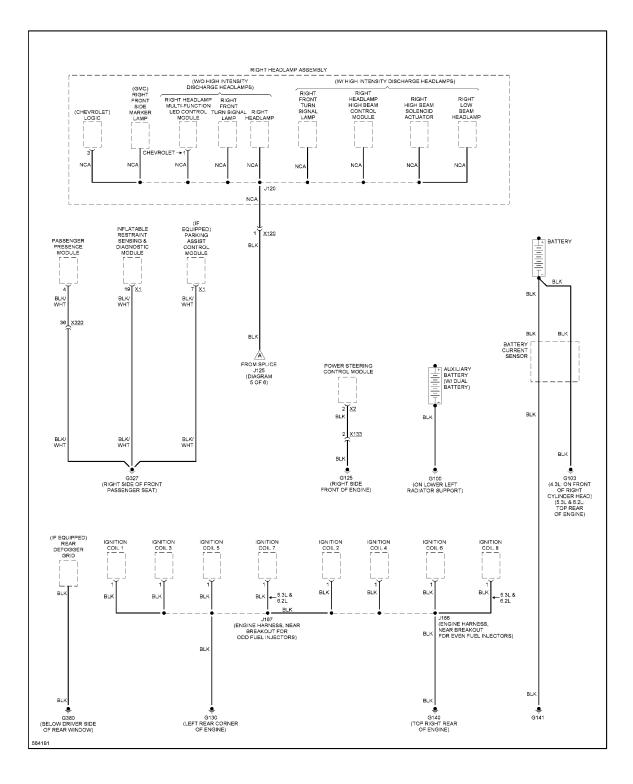


Fig. 68: Ground Distribution Circuit (6 of 6)

HEADLIGHTS

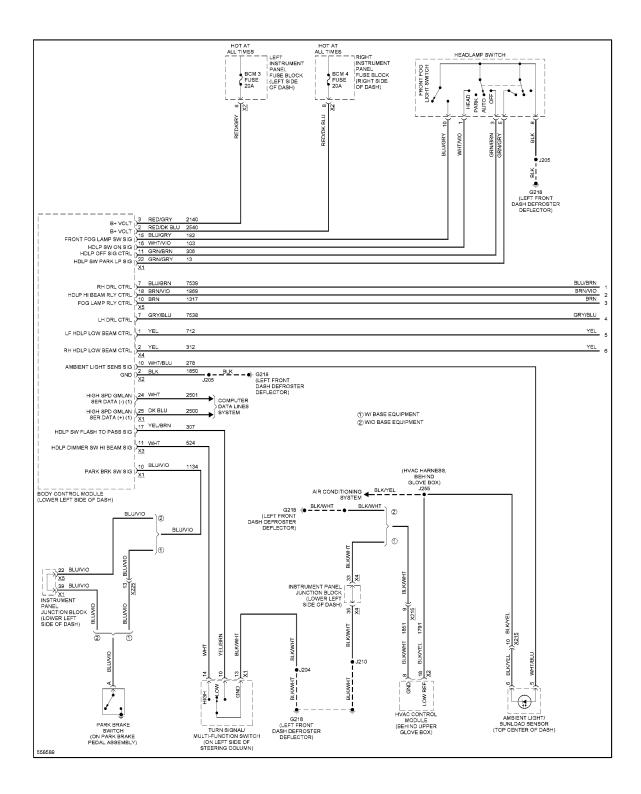
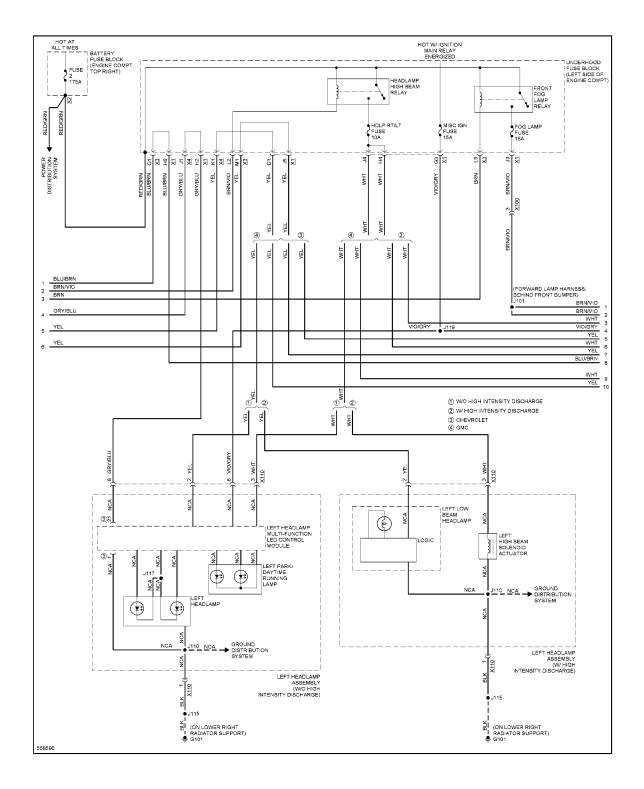


Fig. 69: Headlights Circuit (1 of 5)



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Fig. 70: Headlights Circuit (2 of 5)

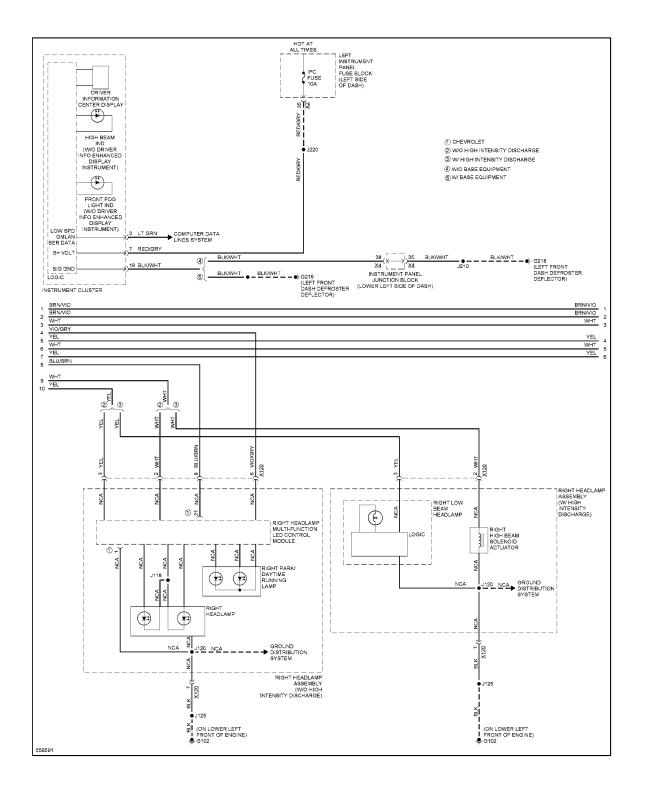


Fig. 71: Headlights Circuit (3 of 5)

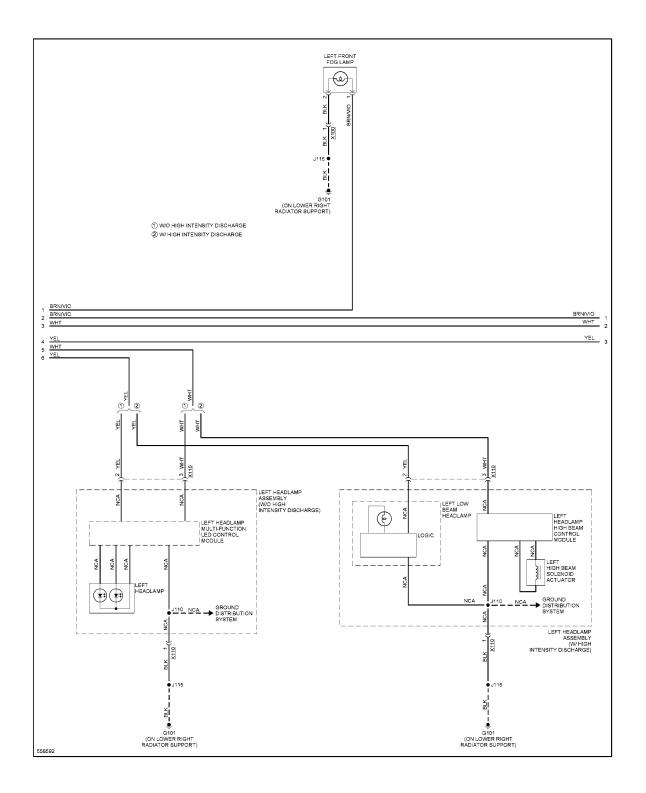


Fig. 72: Headlights Circuit (4 of 5)

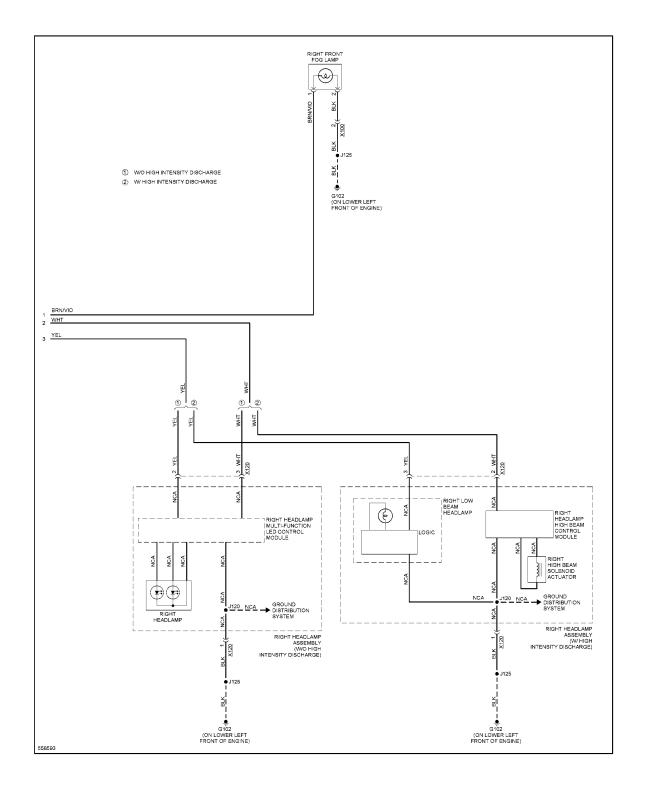


Fig. 73: Headlights Circuit (5 of 5)

HORN

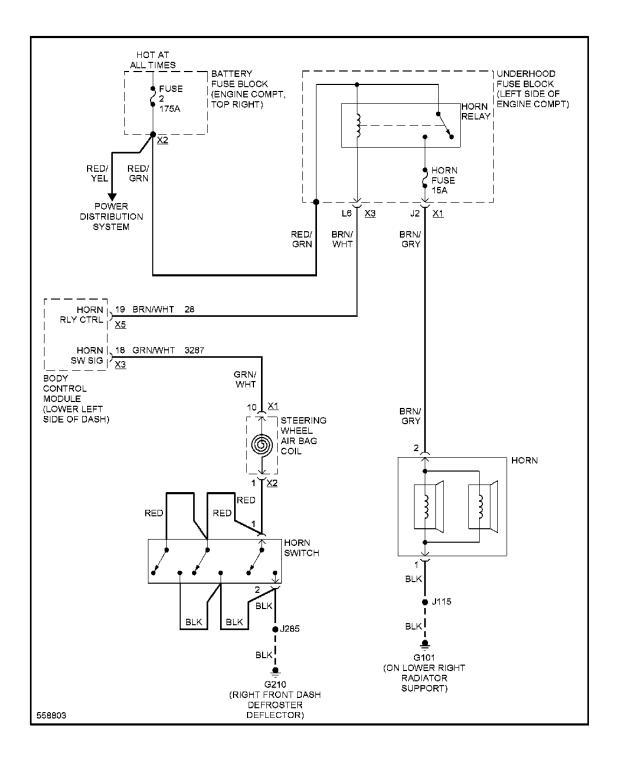


Fig. 74: Horn Circuit

INSTRUMENT CLUSTER

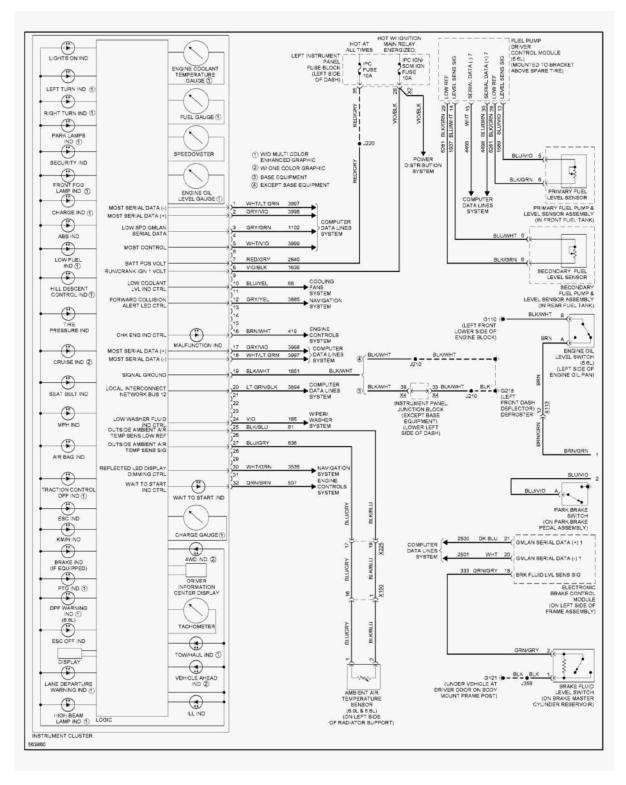


Fig. 75: Instrument Cluster Circuit (1 of 2)

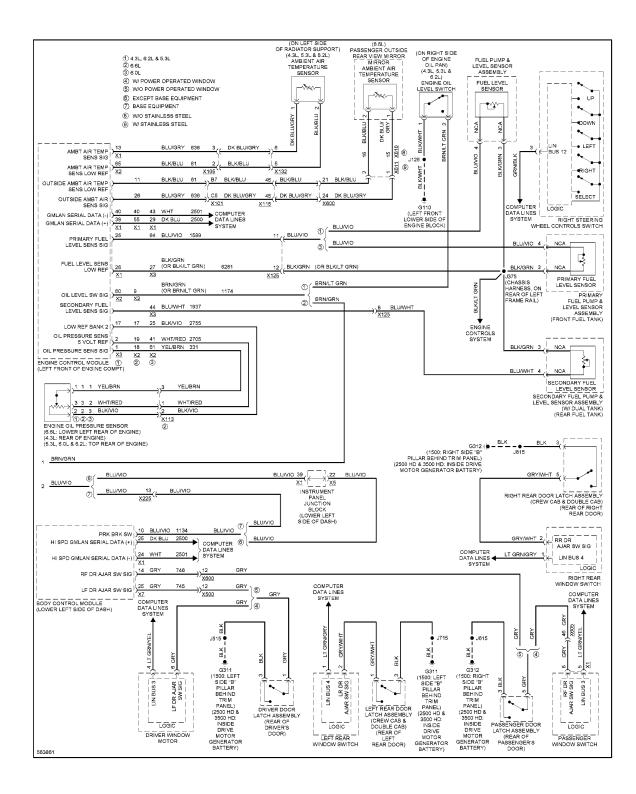


Fig. 76: Instrument Cluster Circuit (2 of 2)

INTERIOR LIGHTS

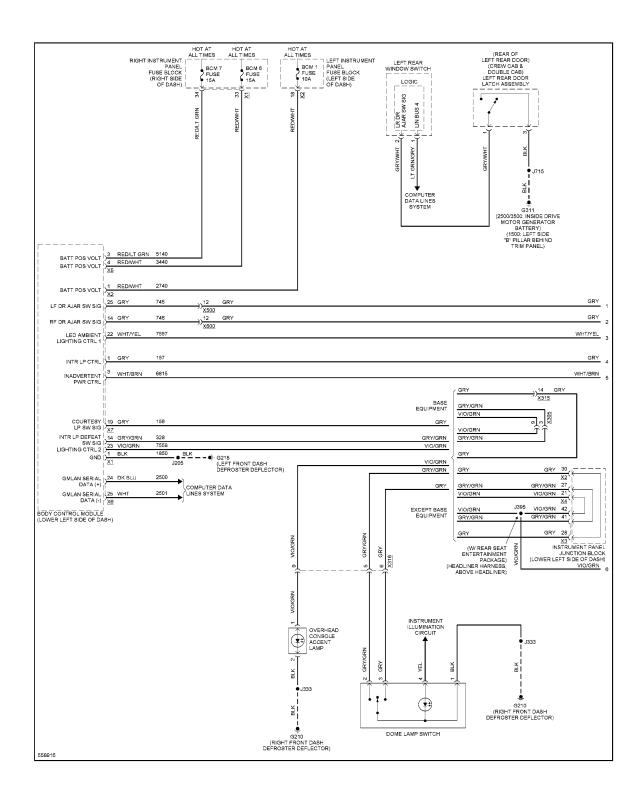


Fig. 77: Courtesy Lamps Circuit (1 of 3)

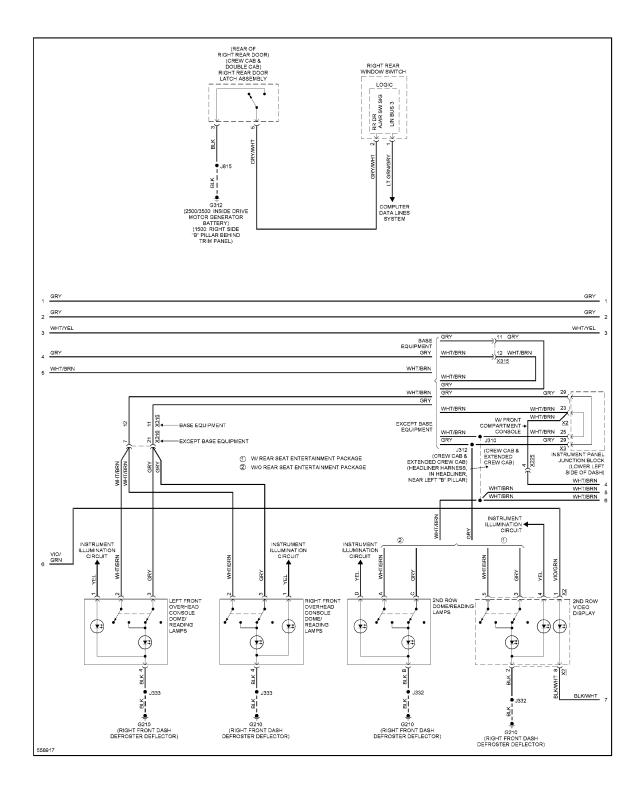


Fig. 78: Courtesy Lamps Circuit (2 of 3)

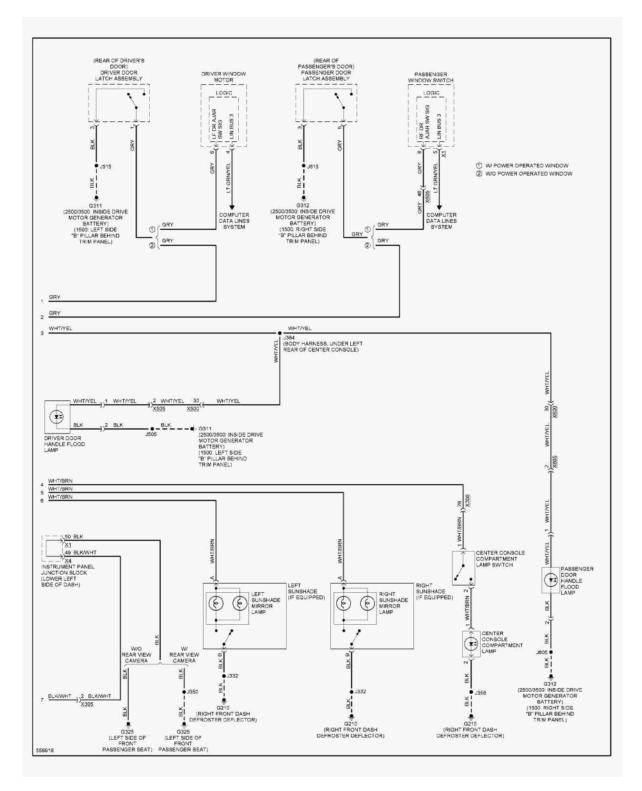


Fig. 79: Courtesy Lamps Circuit (3 of 3)

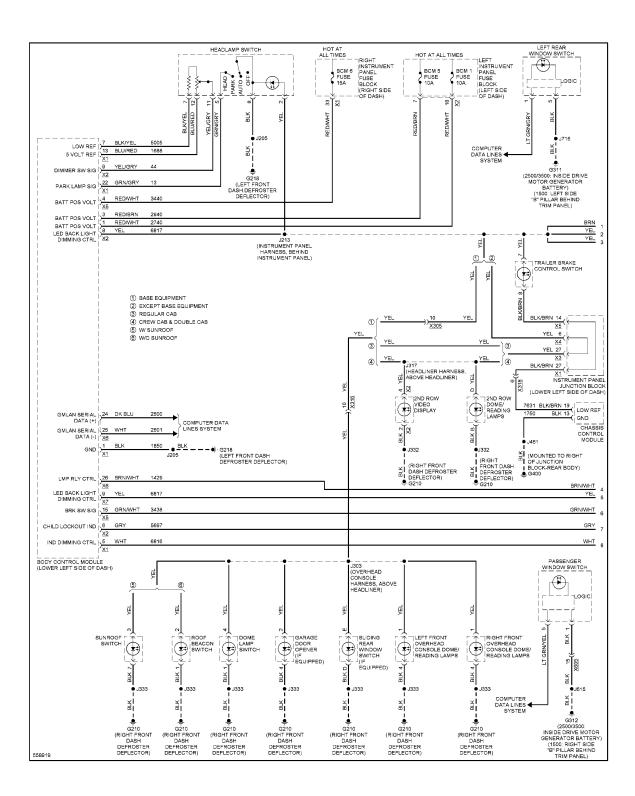


Fig. 80: Instrument Illumination Circuit (1 of 3)

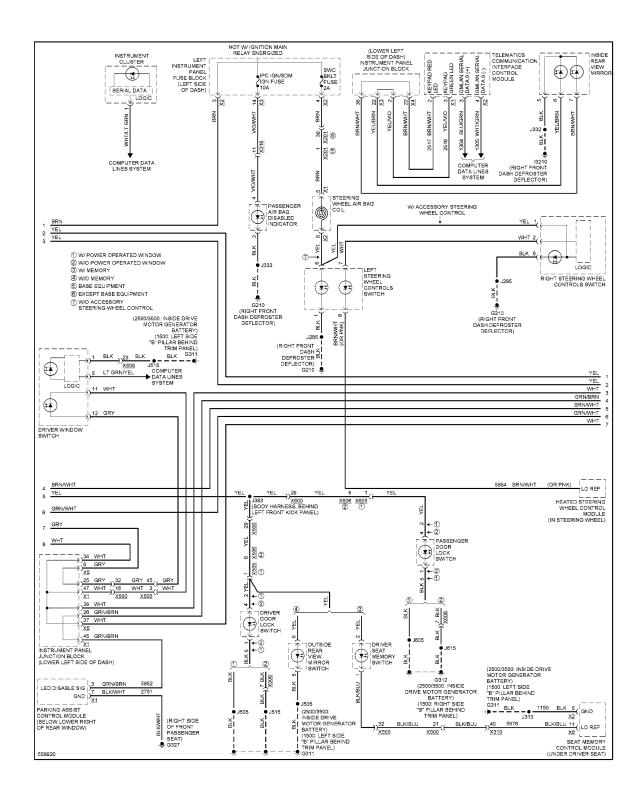


Fig. 81: Instrument Illumination Circuit (2 of 3)

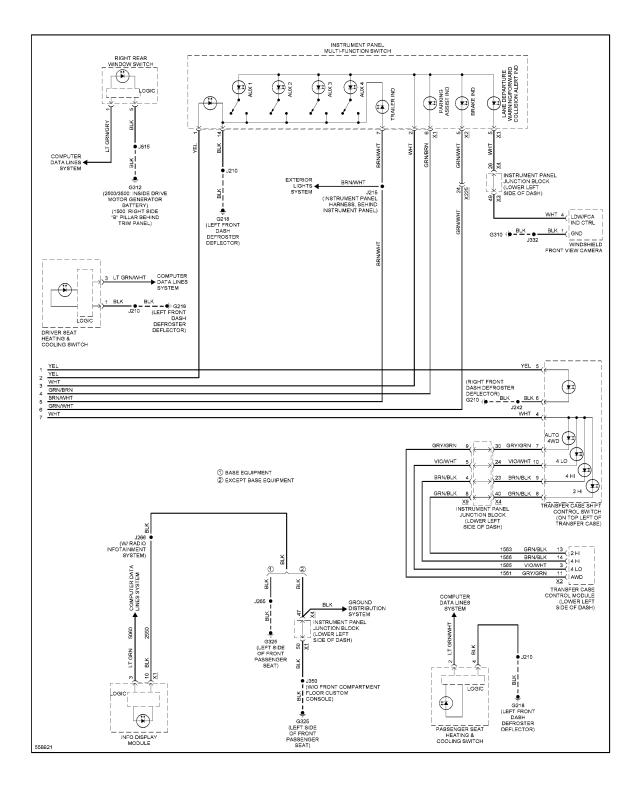


Fig. 82: Instrument Illumination Circuit (3 of 3)

MEMORY SYSTEMS

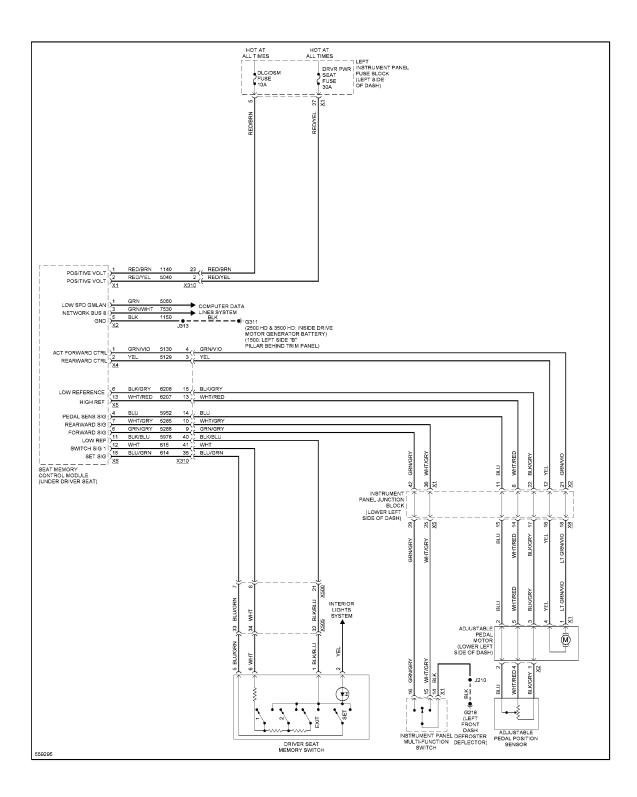


Fig. 83: Adjustable Pedal Circuit

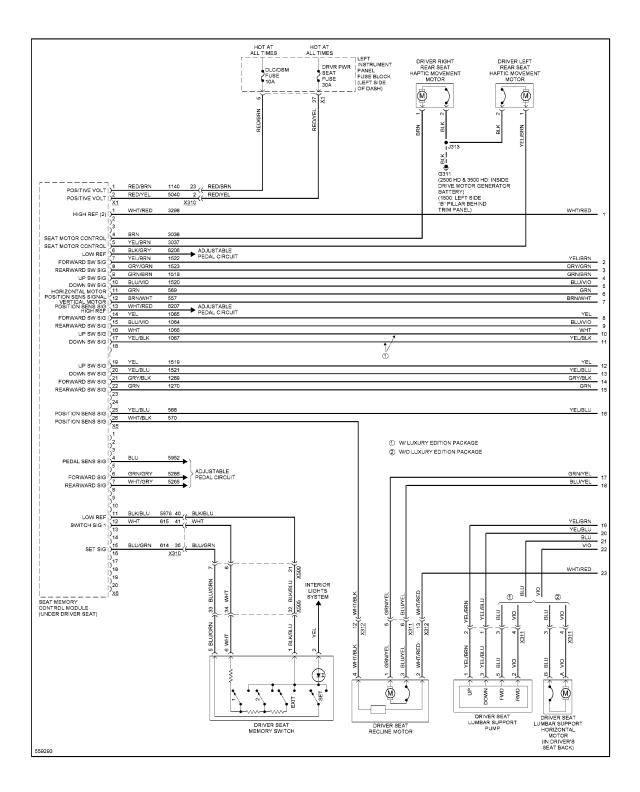


Fig. 84: Driver''s Memory Seat Circuit (1 of 2)

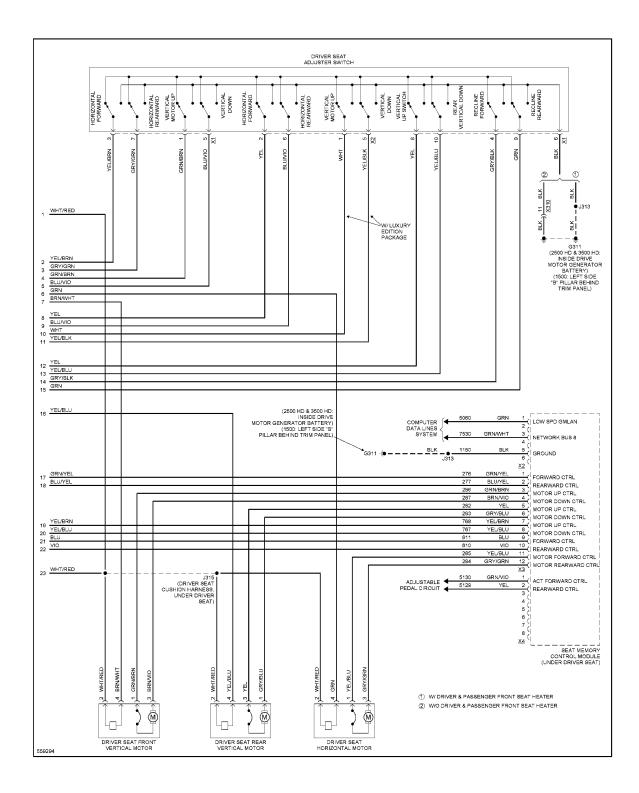


Fig. 85: Driver's Memory Seat Circuit (2 of 2)

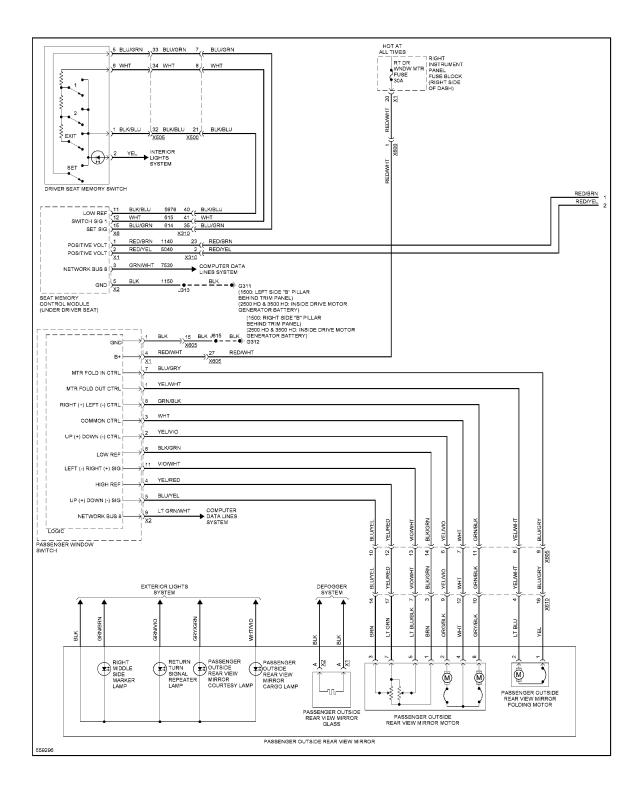


Fig. 86: Memory Mirrors Circuit (1 of 2)

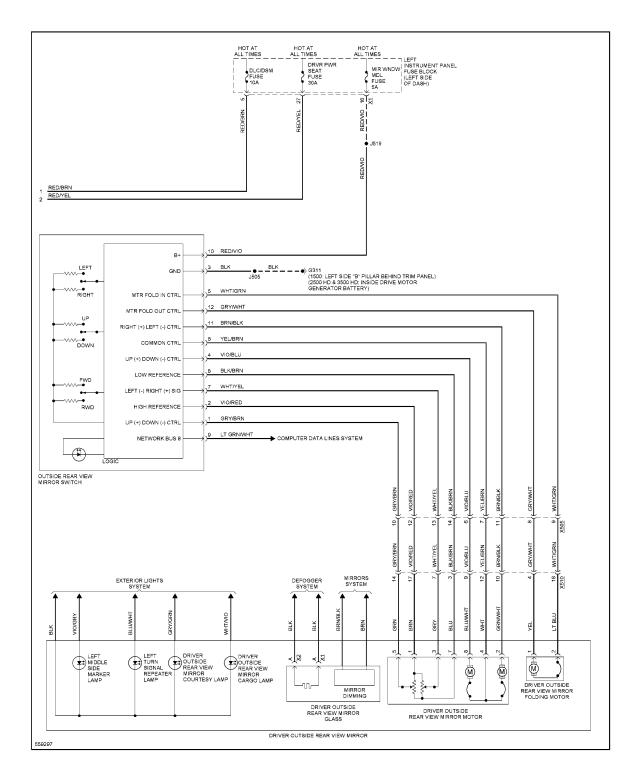


Fig. 87: Memory Mirrors Circuit (2 of 2)

NAVIGATION

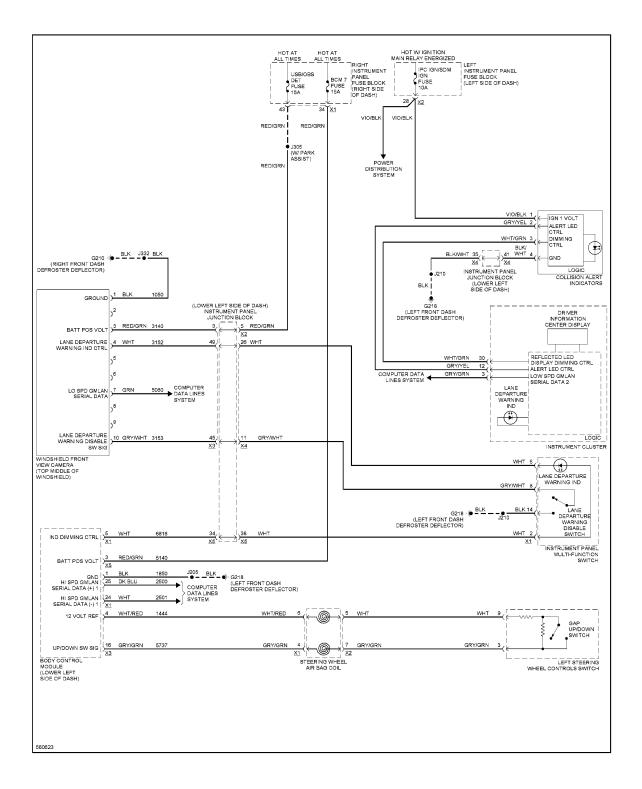


Fig. 88: Lane Departure Warning Circuit, W/ Forward Collision Alert

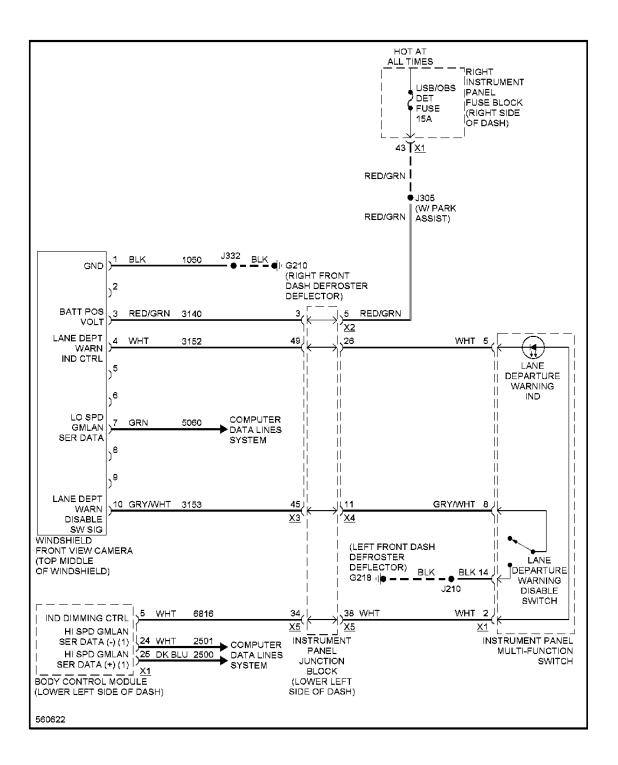


Fig. 89: Lane Departure Warning Circuit, W/O Forward Collision Alert & Active Safety Lane Keep Assist

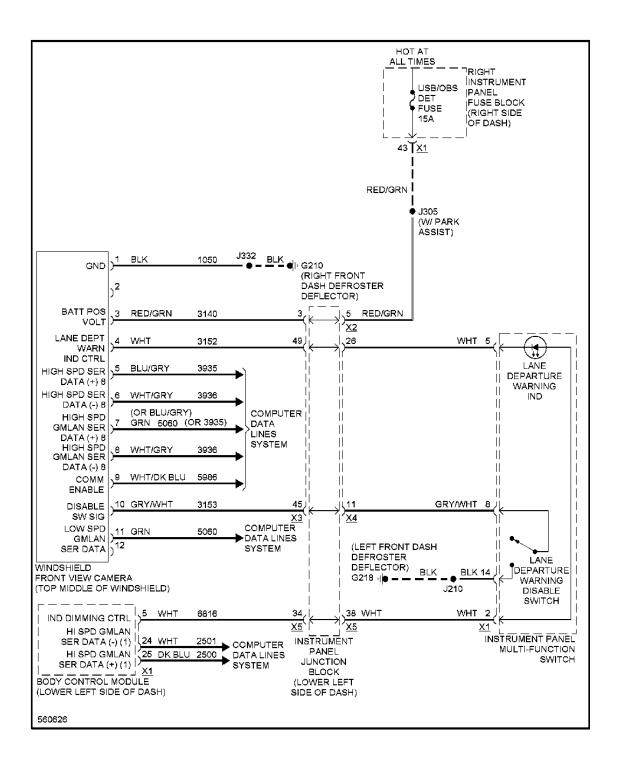


Fig. 90: Lane Departure Warning Circuit, W/O Forward Collision Alert W/ Active Safety Lane Keep Assist

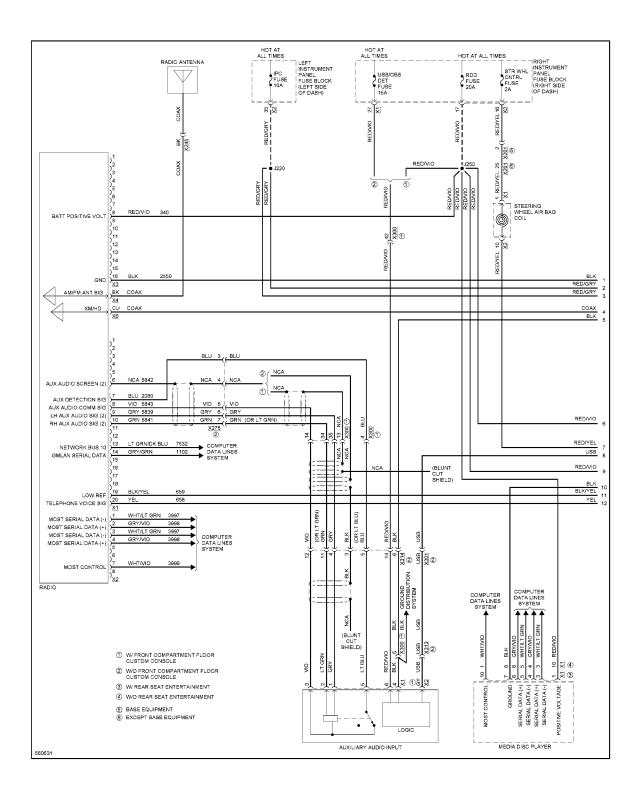
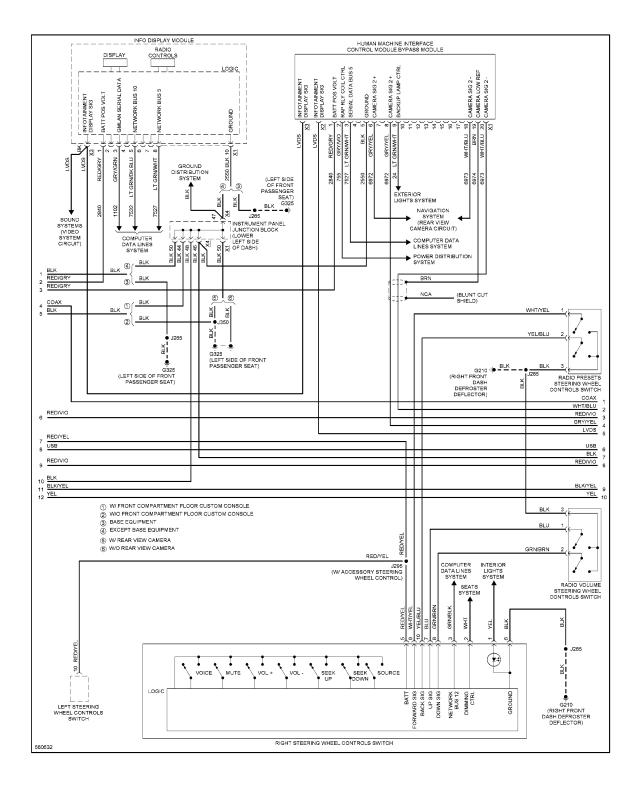
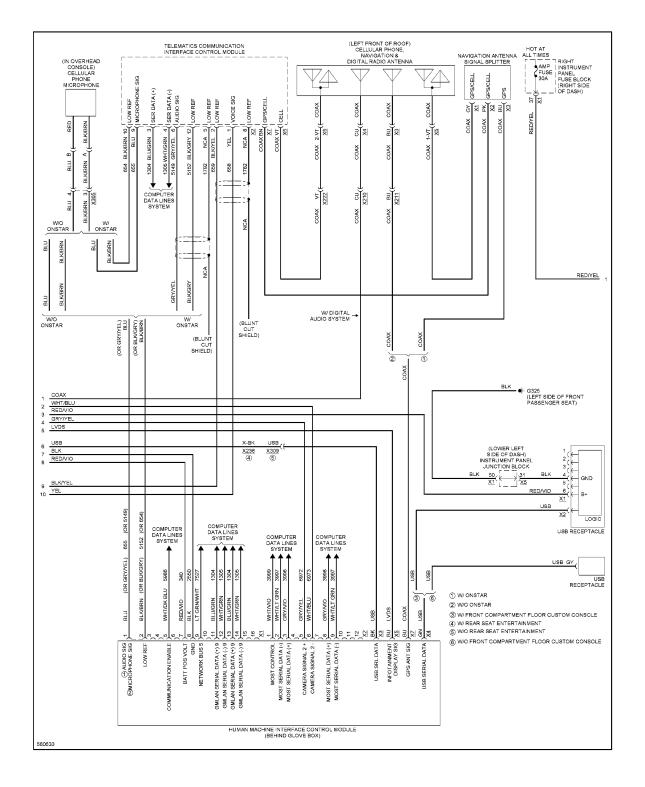


Fig. 91: Navigation Circuit, W/ Amplifier (1 of 4)









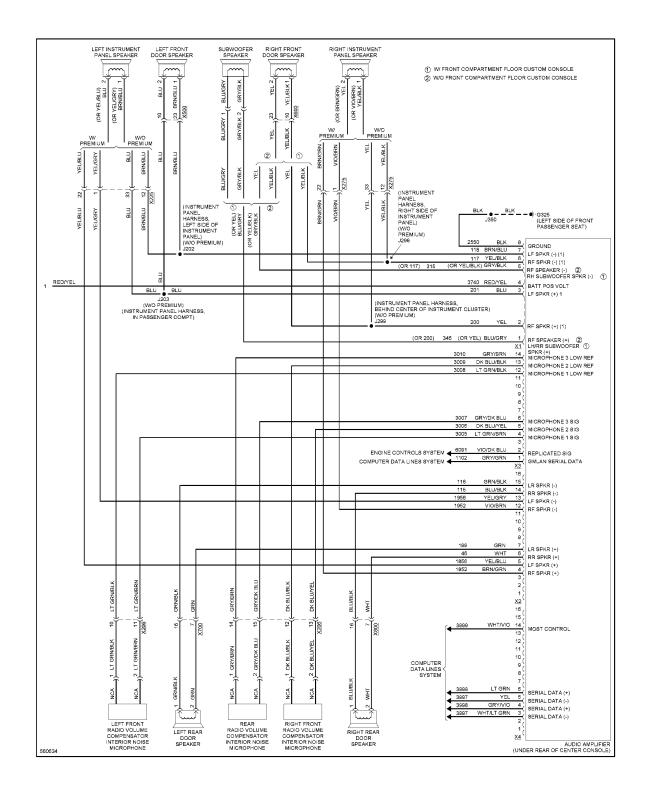


Fig. 94: Navigation Circuit, W/ Amplifier (4 of 4)

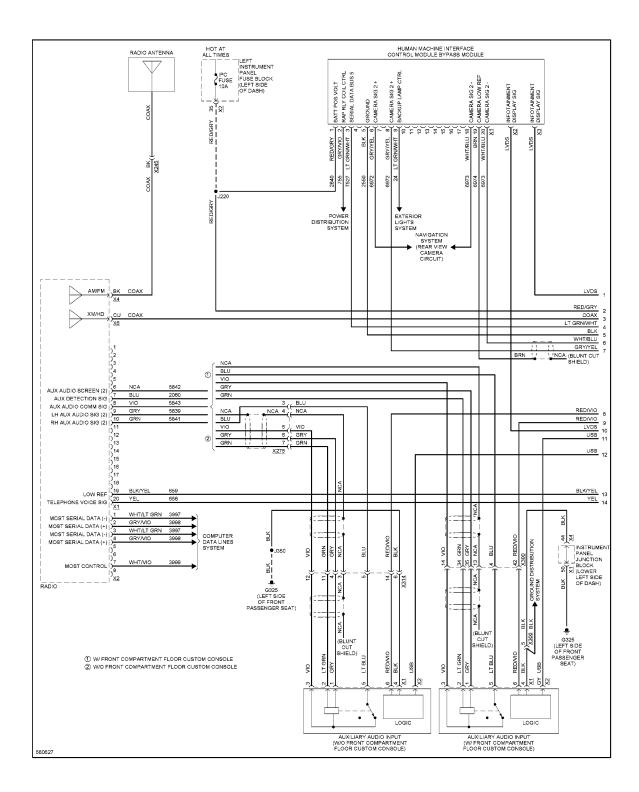


Fig. 95: Navigation Circuit, W/O Amplifier (1 of 4)

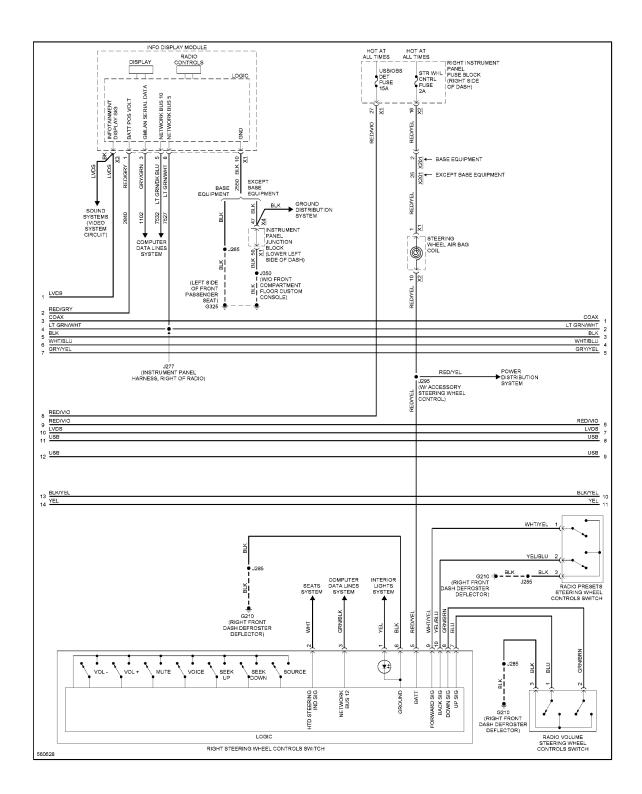


Fig. 96: Navigation Circuit, W/O Amplifier (2 of 4)

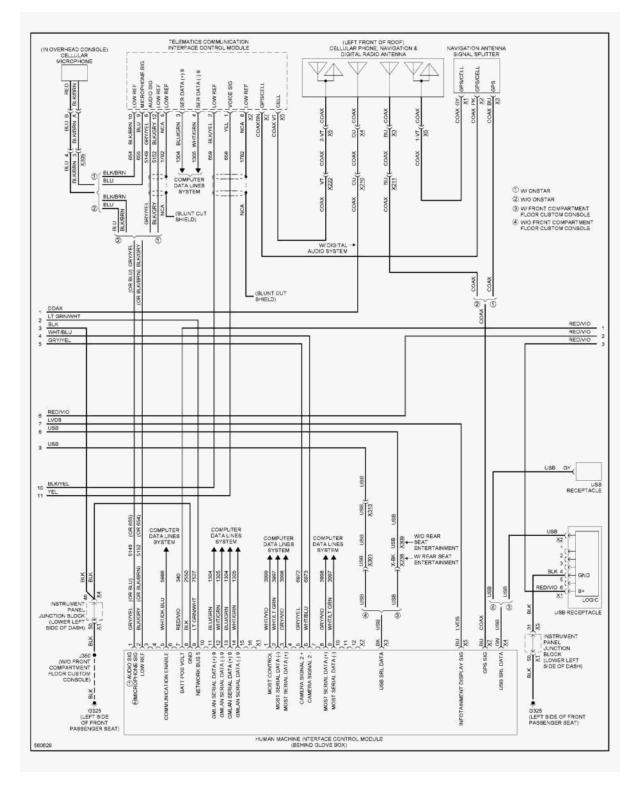


Fig. 97: Navigation Circuit, W/O Amplifier (3 of 4)

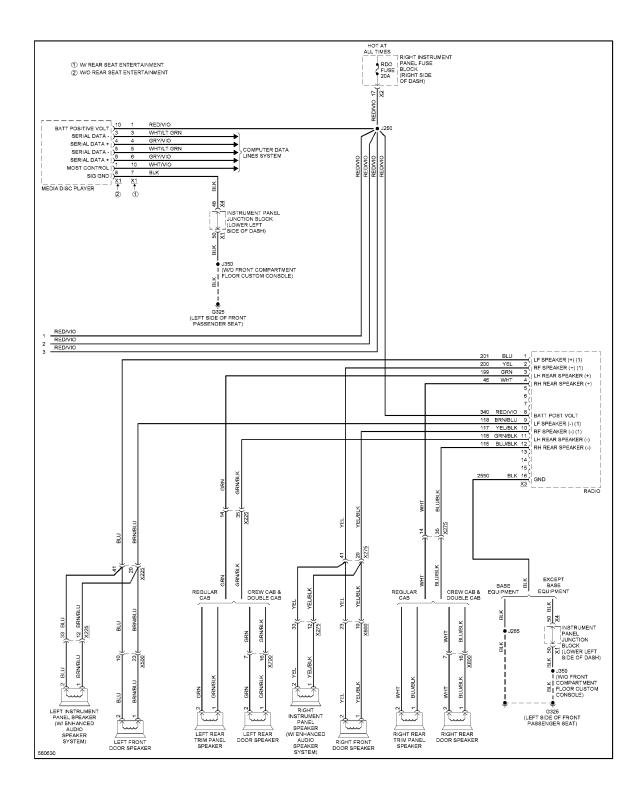


Fig. 98: Navigation Circuit, W/O Amplifier (4 of 4)

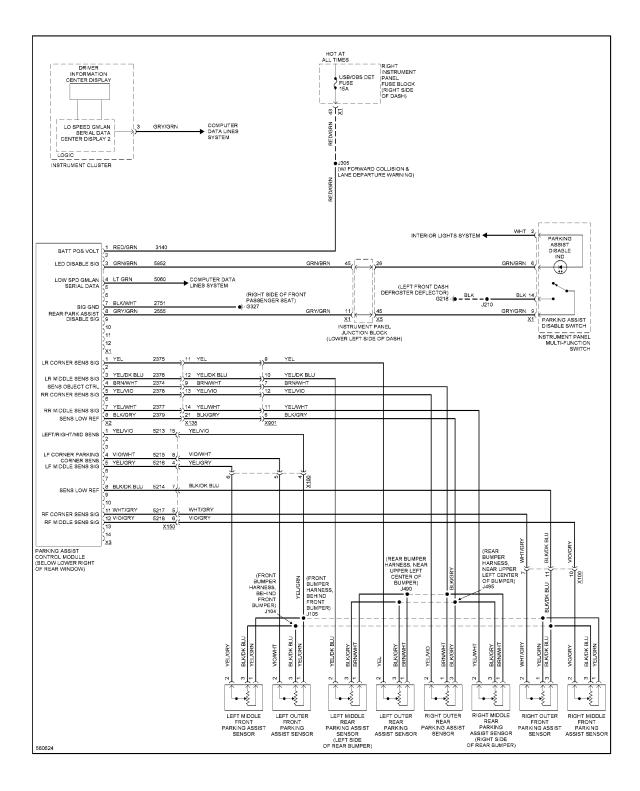


Fig. 99: Parking Assistant Circuit

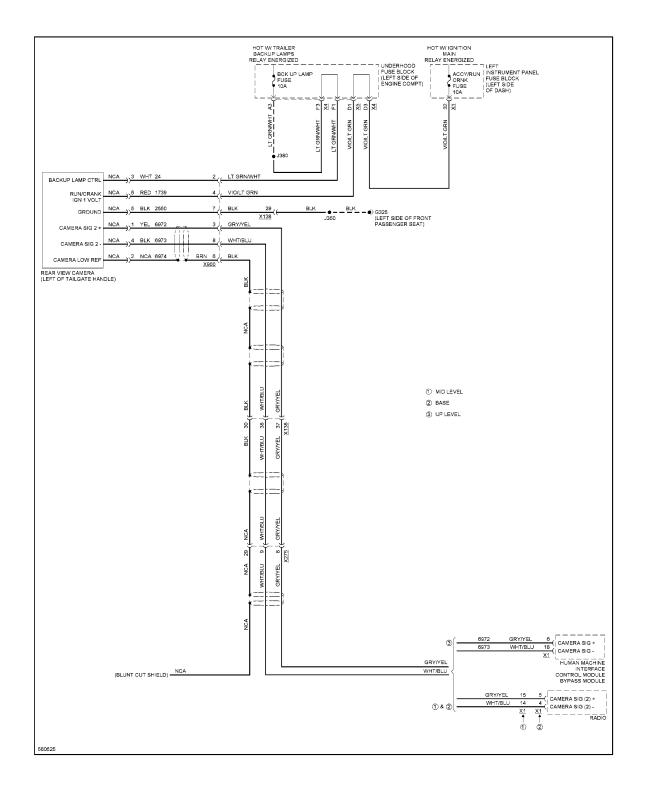
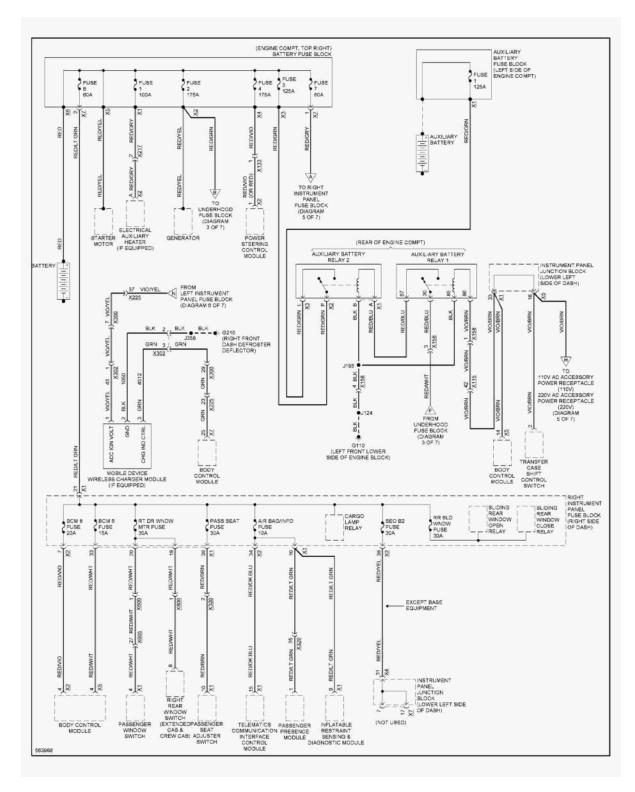
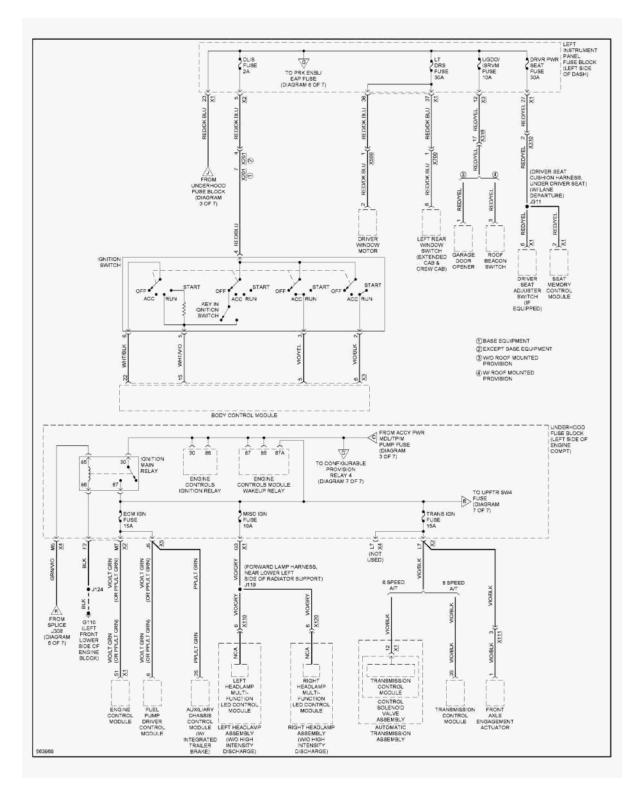


Fig. 100: Rear View Camera Circuit

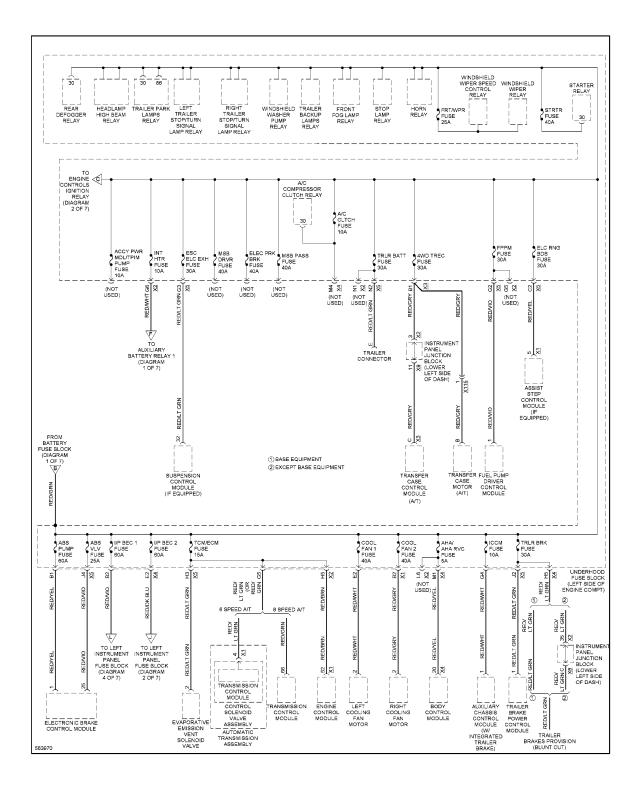
POWER DISTRIBUTION













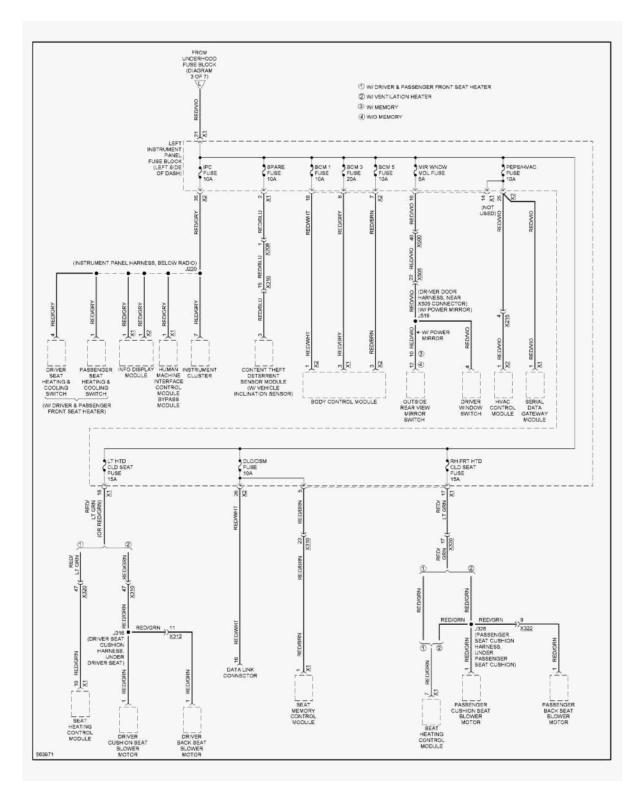
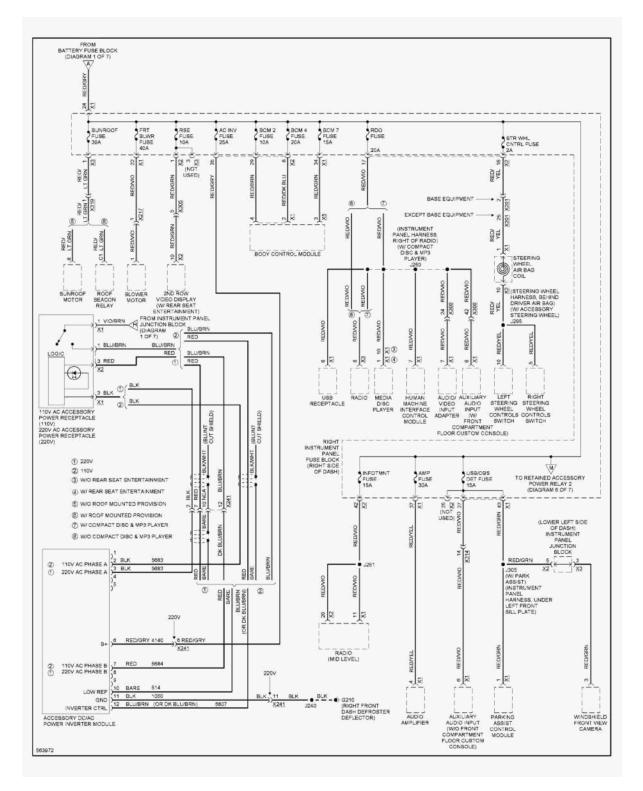
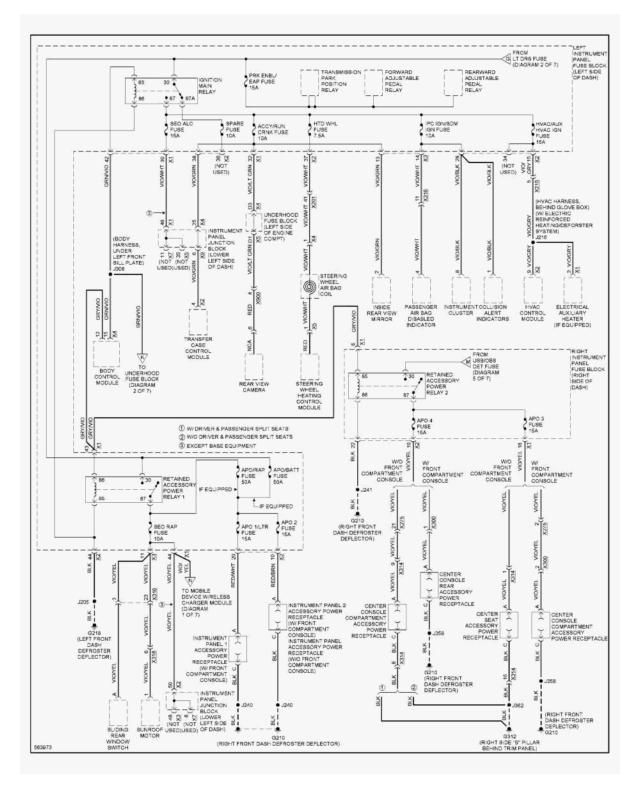


Fig. 104: Power Distribution Circuit (4 of 7)









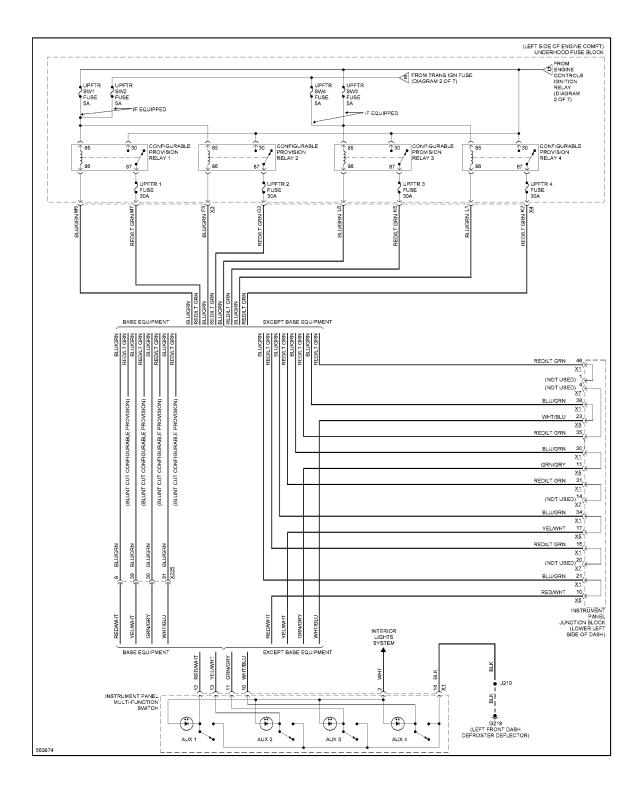


Fig. 107: Power Distribution Circuit (7 of 7)

POWER DOOR LOCKS

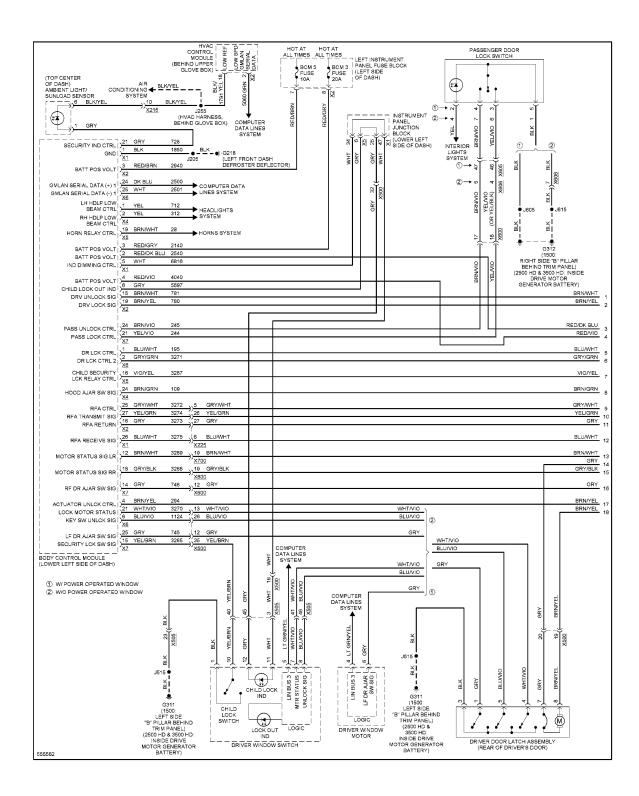


Fig. 108: Power Door Locks Circuit (1 of 3)

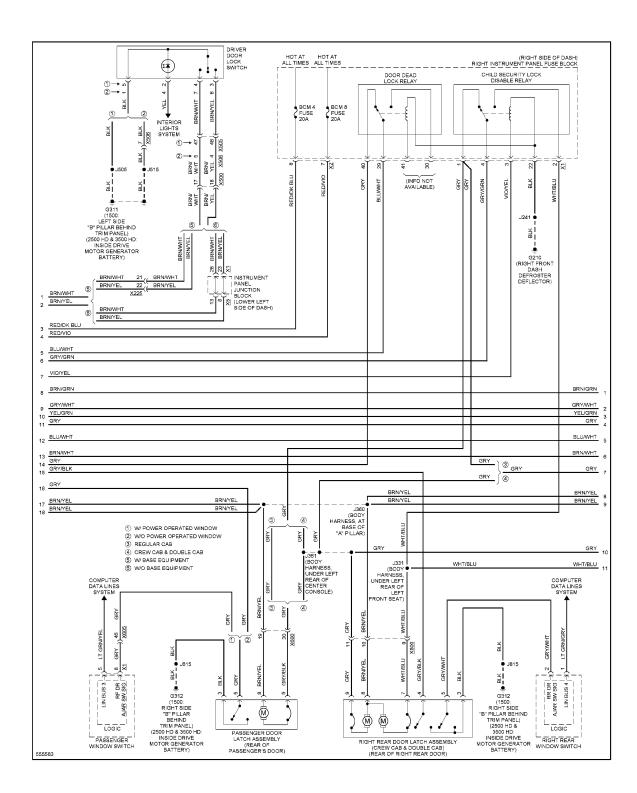


Fig. 109: Power Door Locks Circuit (2 of 3)

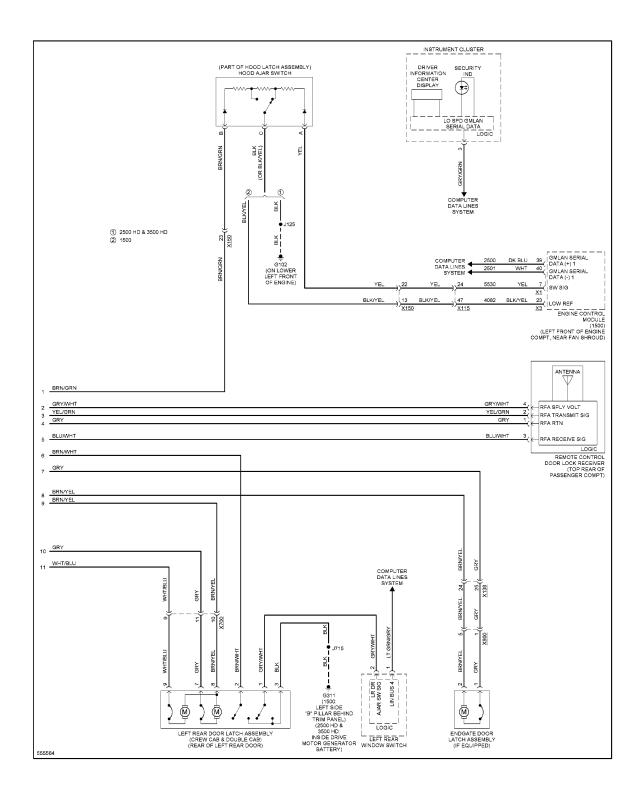
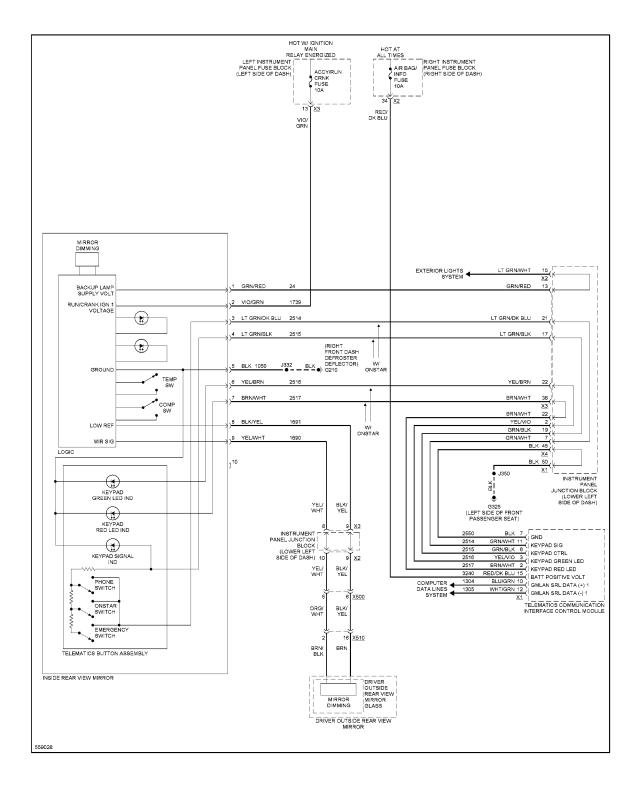


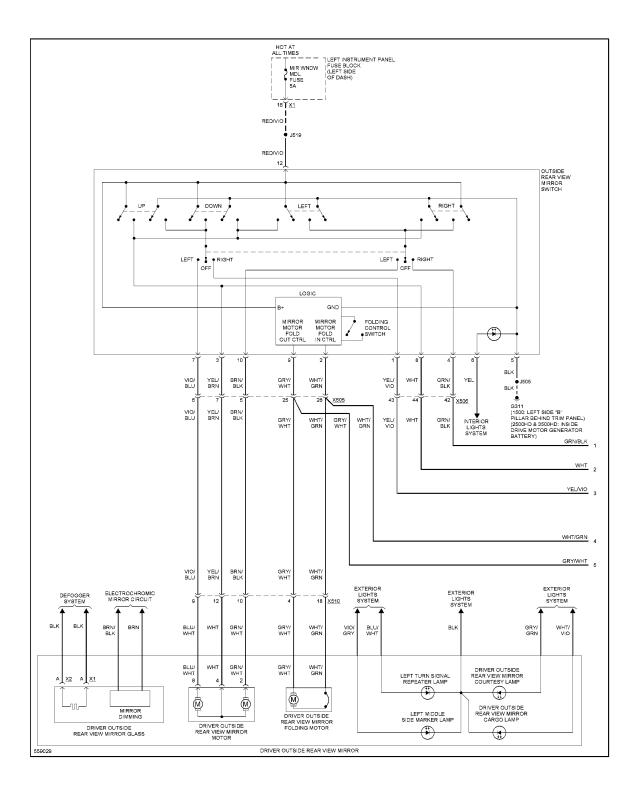
Fig. 110: Power Door Locks Circuit (3 of 3)

POWER MIRRORS



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Fig. 111: Electrochromic Mirror Circuit



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Fig. 112: Power Mirrors Circuit (1 of 2)

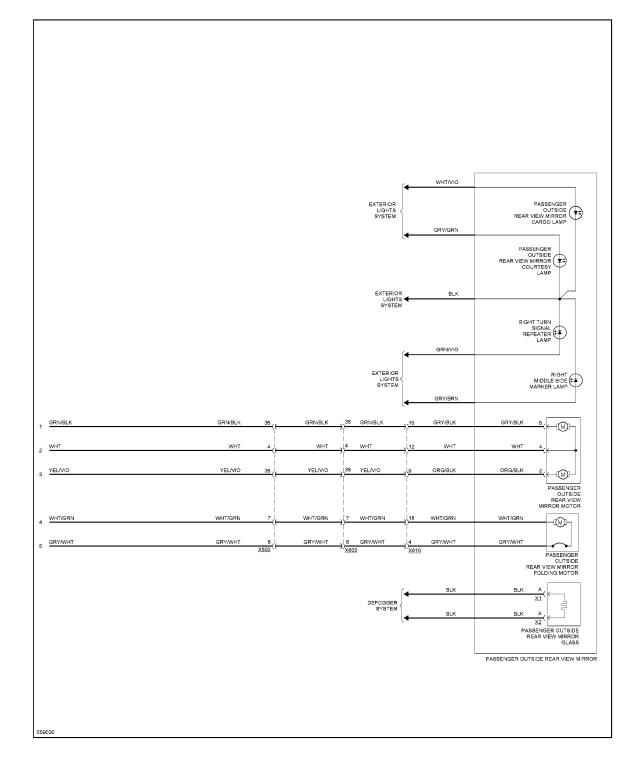


Fig. 113: Power Mirrors Circuit (2 of 2)

POWER SEATS

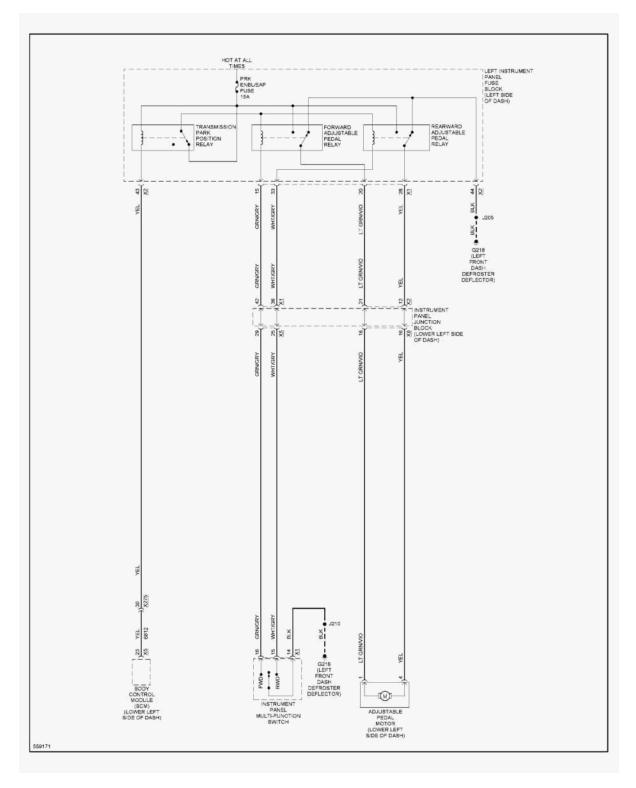


Fig. 114: Adjustable Pedal Circuit

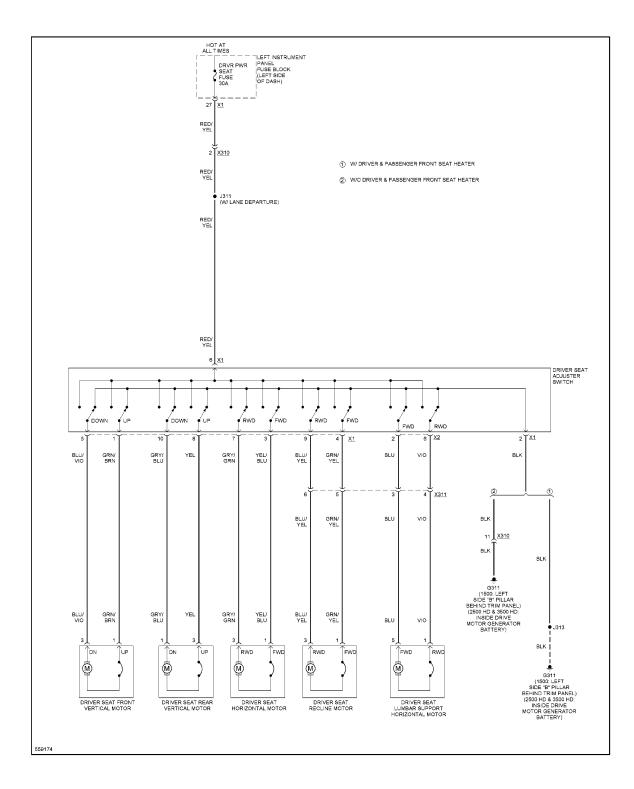


Fig. 115: Driver Power Seat Circuit

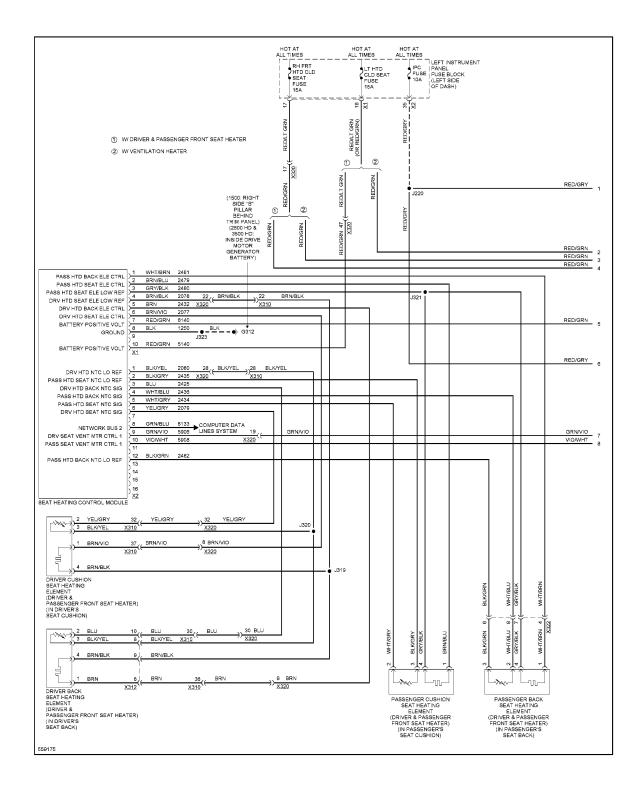


Fig. 116: Heated Seats Circuit (1 of 2)

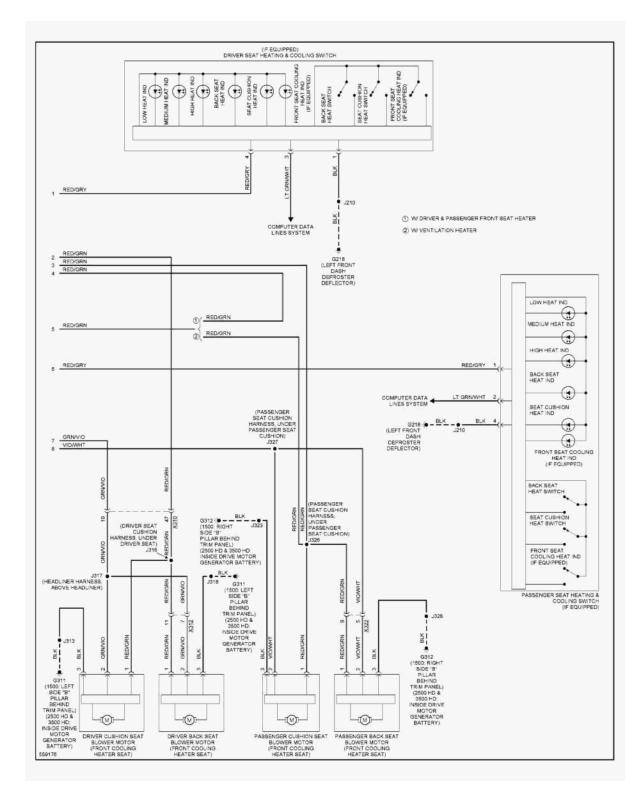


Fig. 117: Heated Seats Circuit (2 of 2)

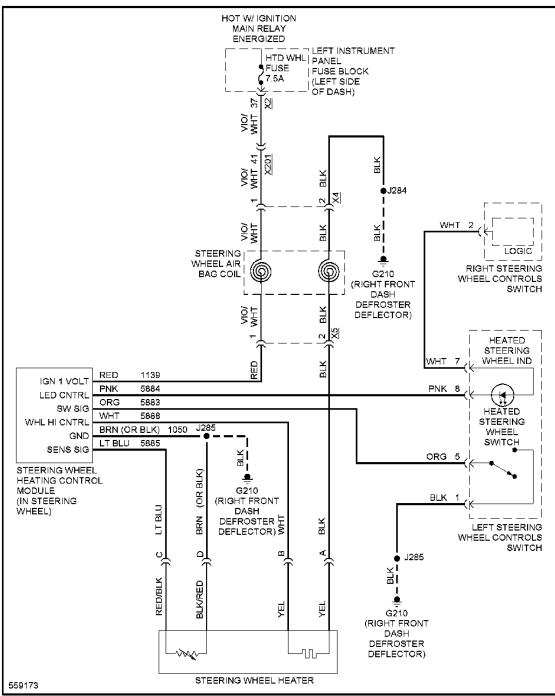


Fig. 118: Heated Steering Wheel Circuit

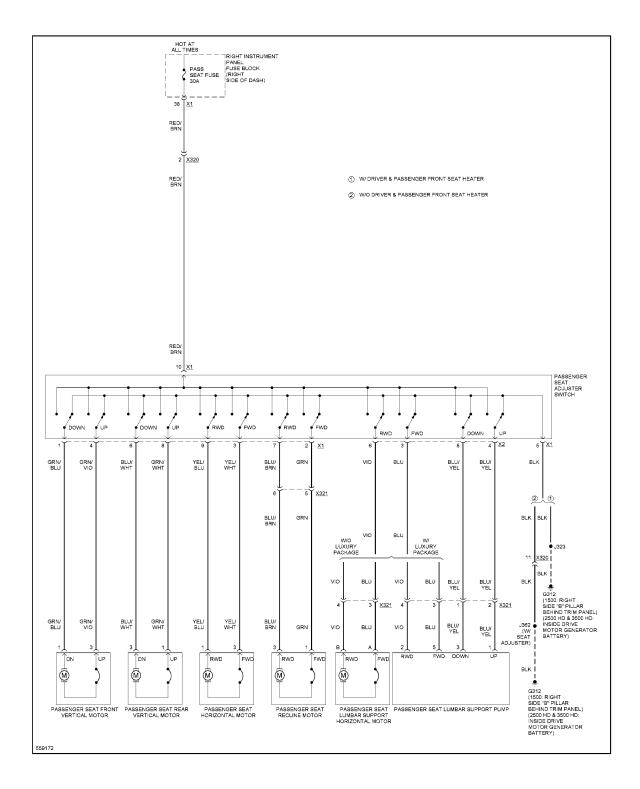


Fig. 119: Passenger Power Seat Circuit

POWER TOP/SUNROOF

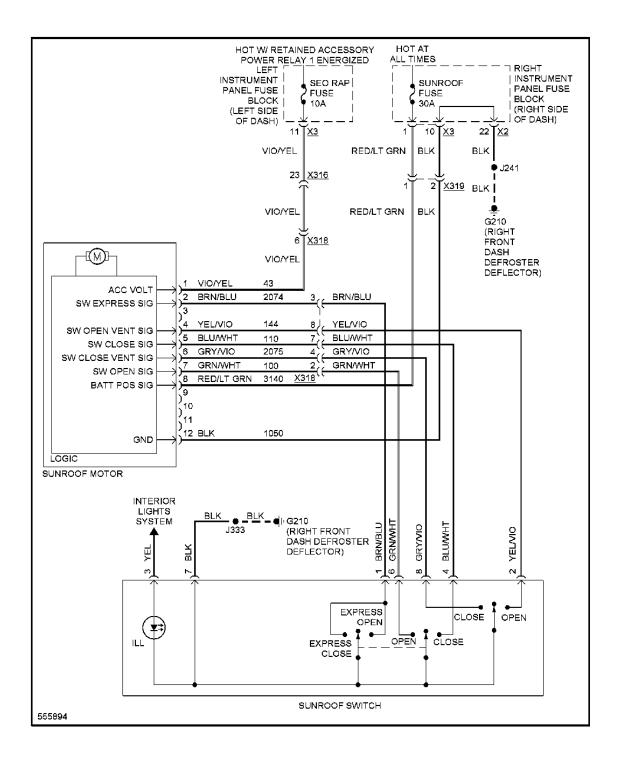


Fig. 120: Power Top/Sunroof Circuit

POWER WINDOWS

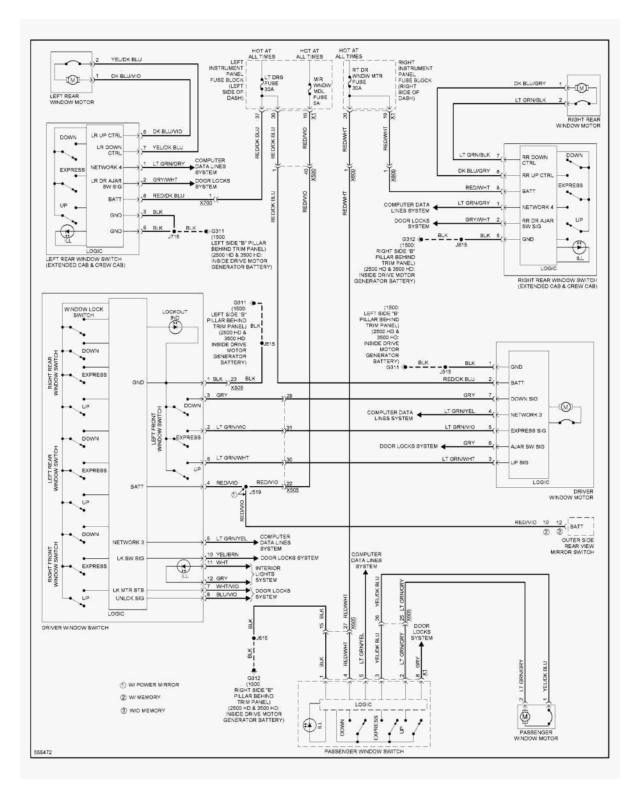
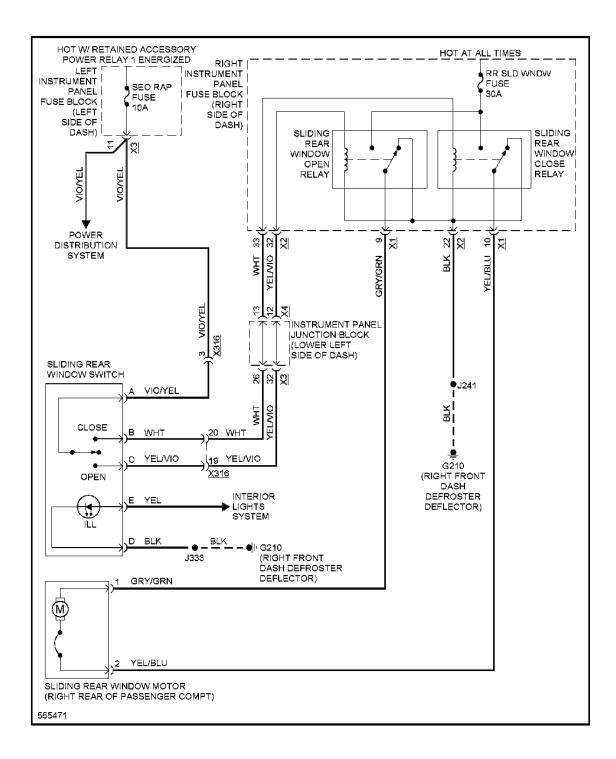


Fig. 121: Power Windows Circuit



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Fig. 122: Sliding Rear Window Circuit

RADIO

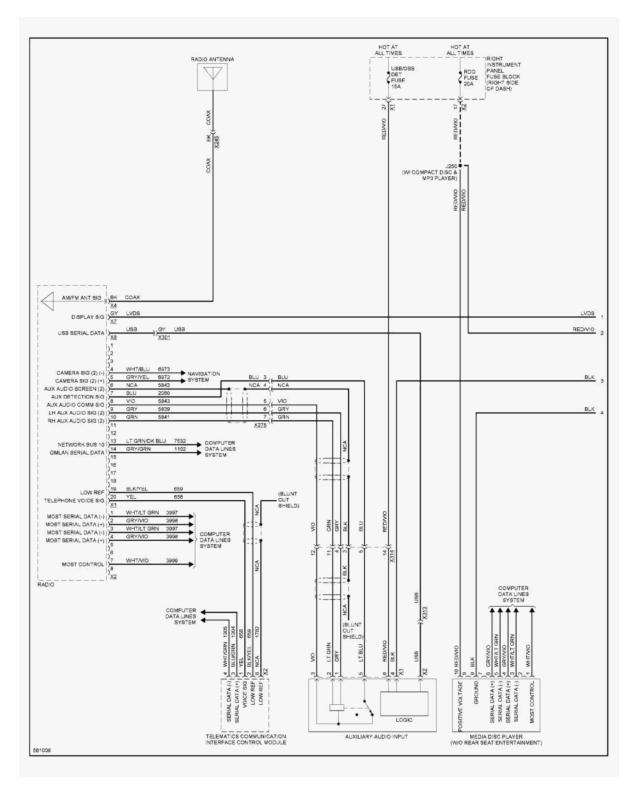


Fig. 123: Radio Circuit, Base (1 of 3)

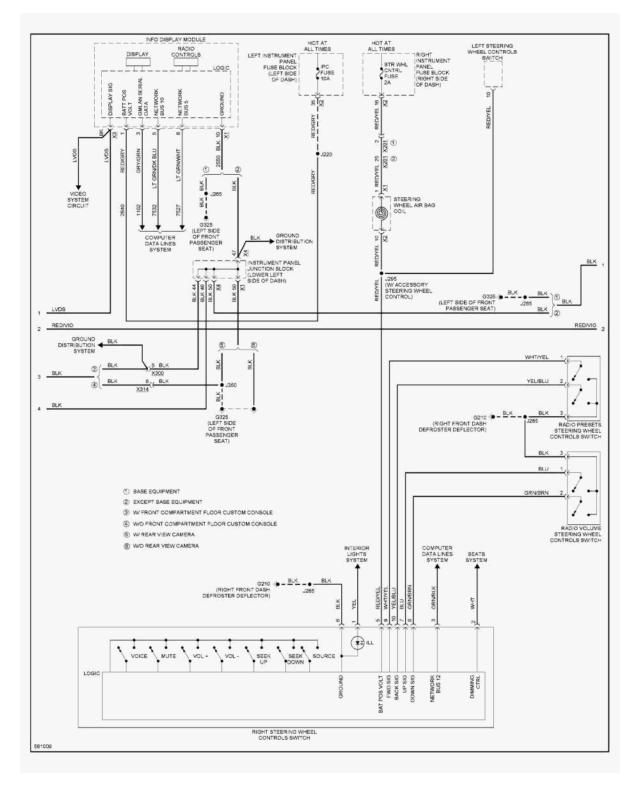
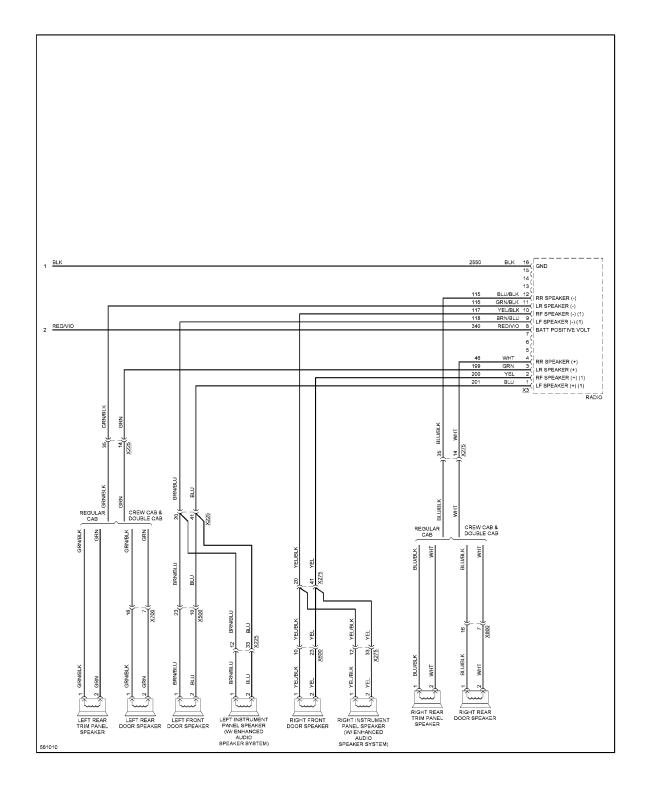


Fig. 124: Radio Circuit, Base (2 of 3)



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Fig. 125: Radio Circuit, Base (3 of 3)

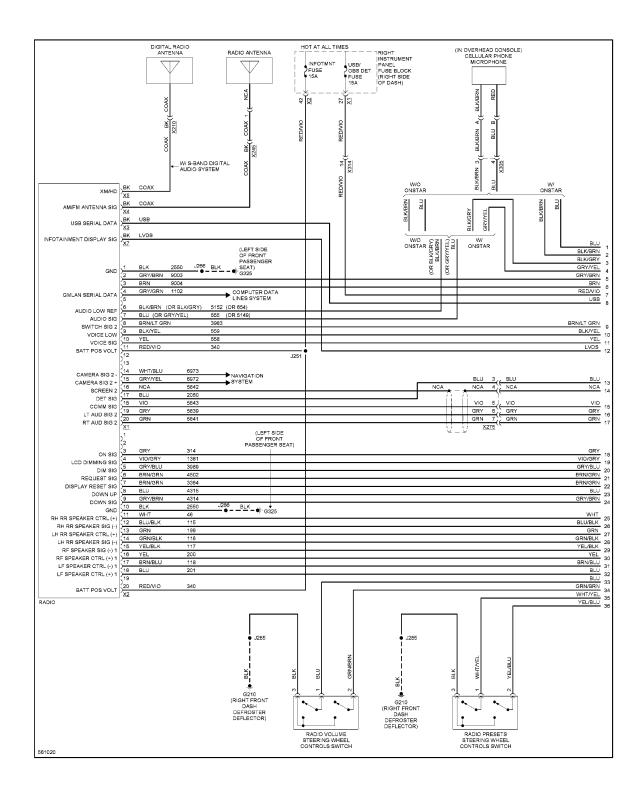
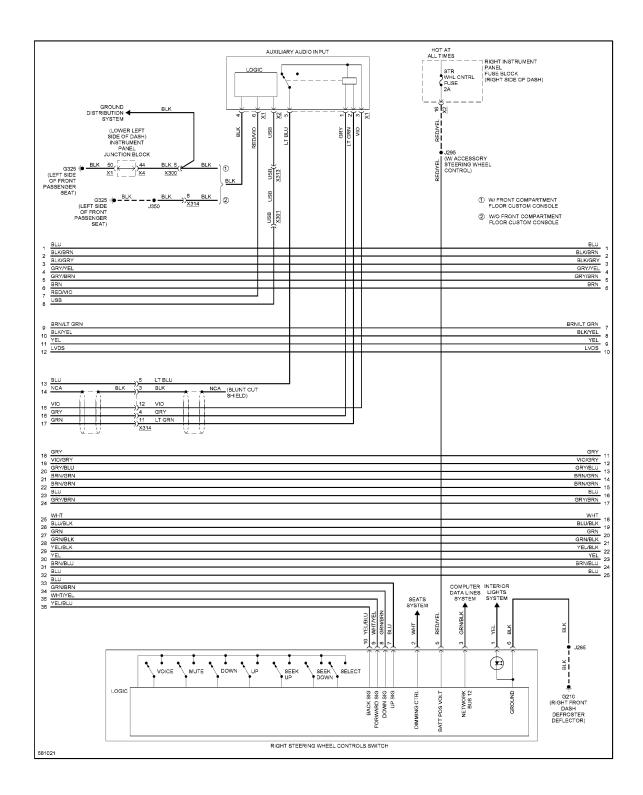
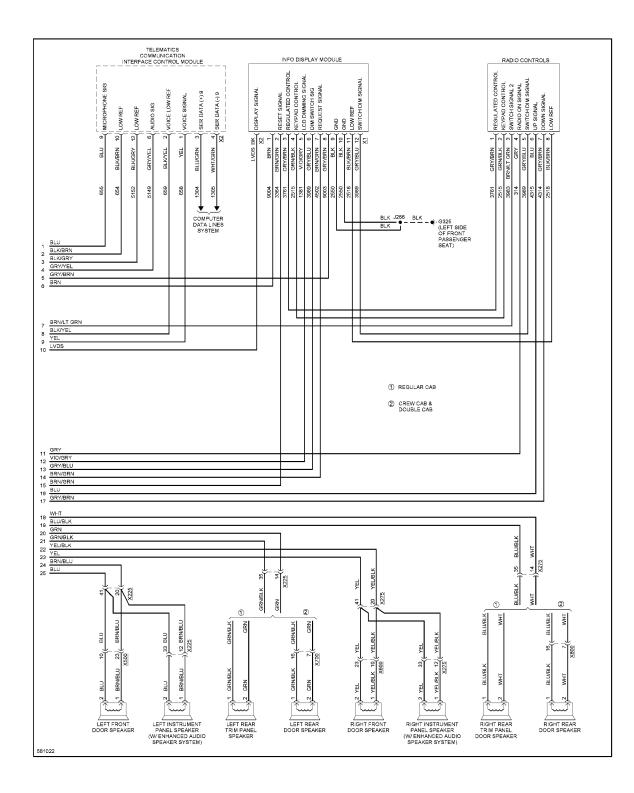


Fig. 126: Radio Circuit, Mid Level (1 of 3)



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Fig. 127: Radio Circuit, Mid Level (2 of 3)



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Fig. 128: Radio Circuit, Mid Level (3 of 3)

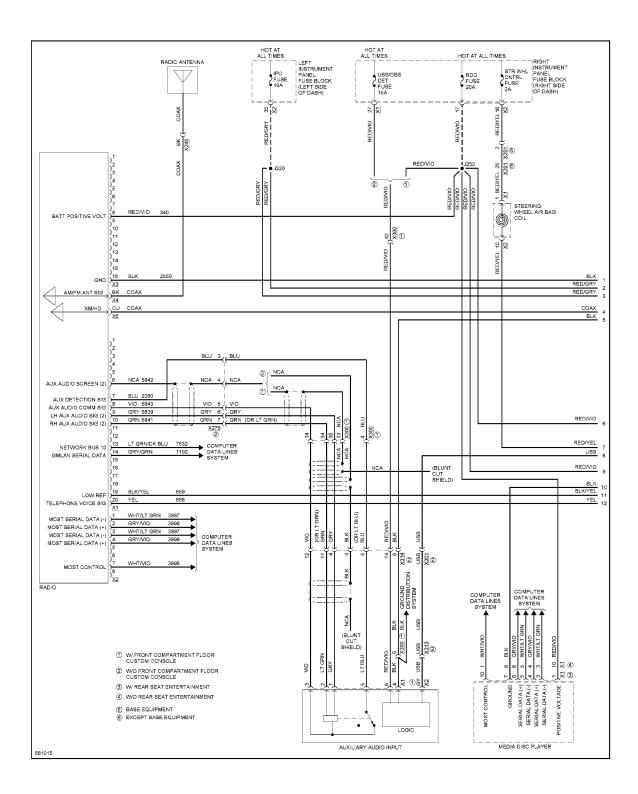


Fig. 129: Radio Circuit, Up Level W/ Amplifier (1 of 4)

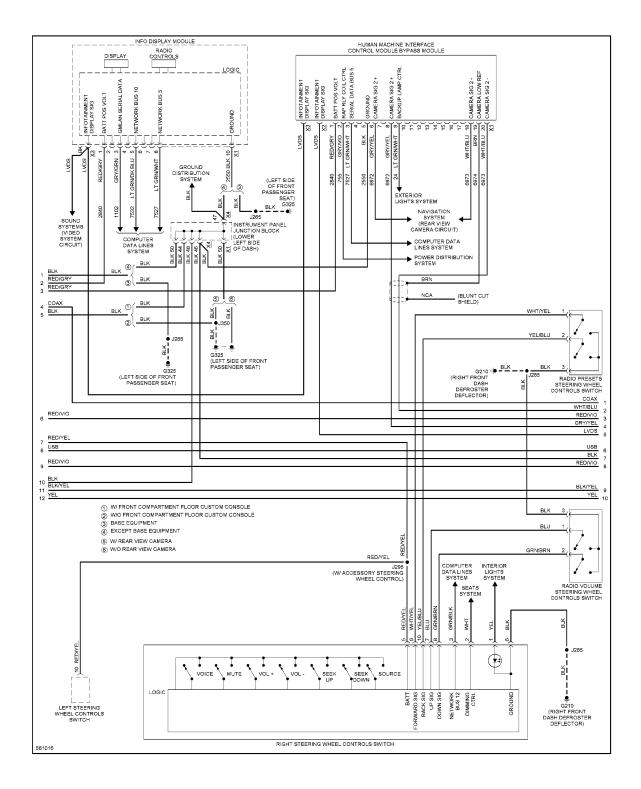
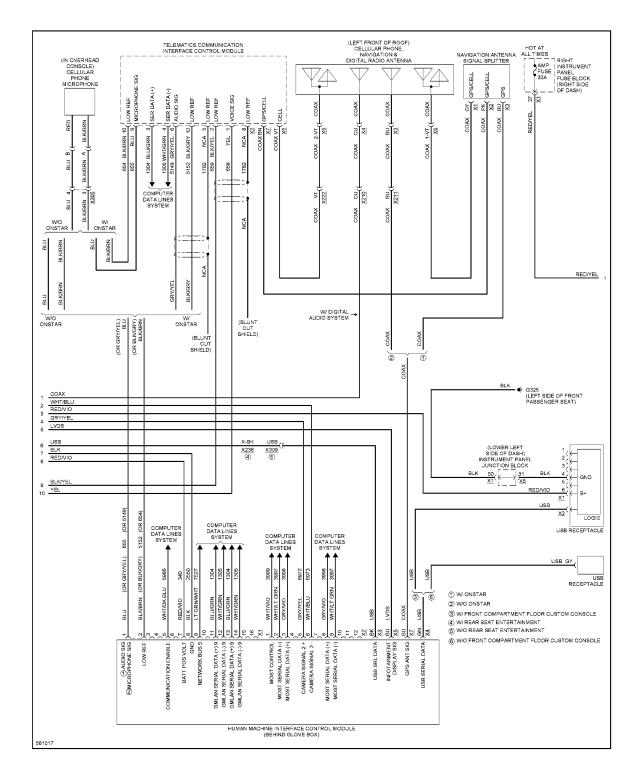


Fig. 130: Radio Circuit, Up Level W/ Amplifier (2 of 4)





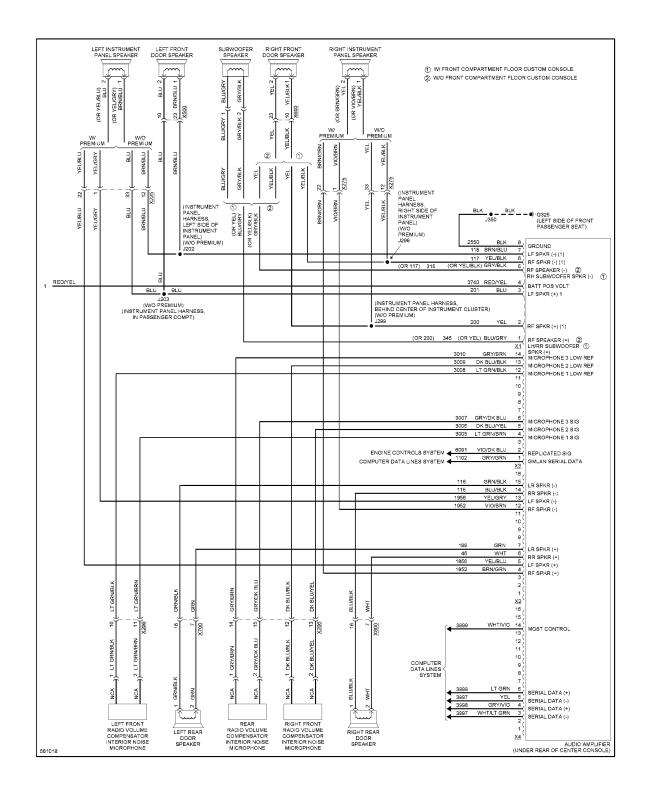


Fig. 132: Radio Circuit, Up Level W/ Amplifier (4 of 4)

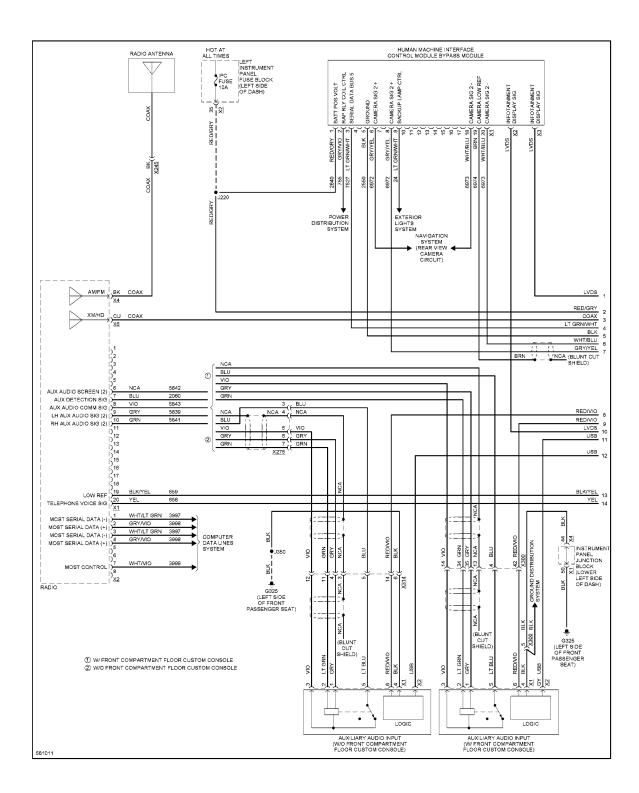


Fig. 133: Radio Circuit, Up Level W/O Amplifier (1 of 4)

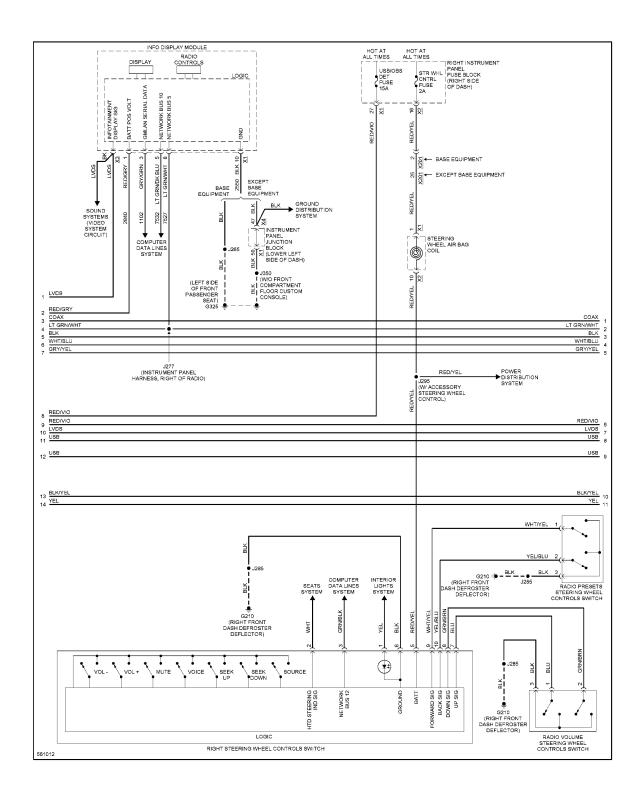


Fig. 134: Radio Circuit, Up Level W/O Amplifier (2 of 4)

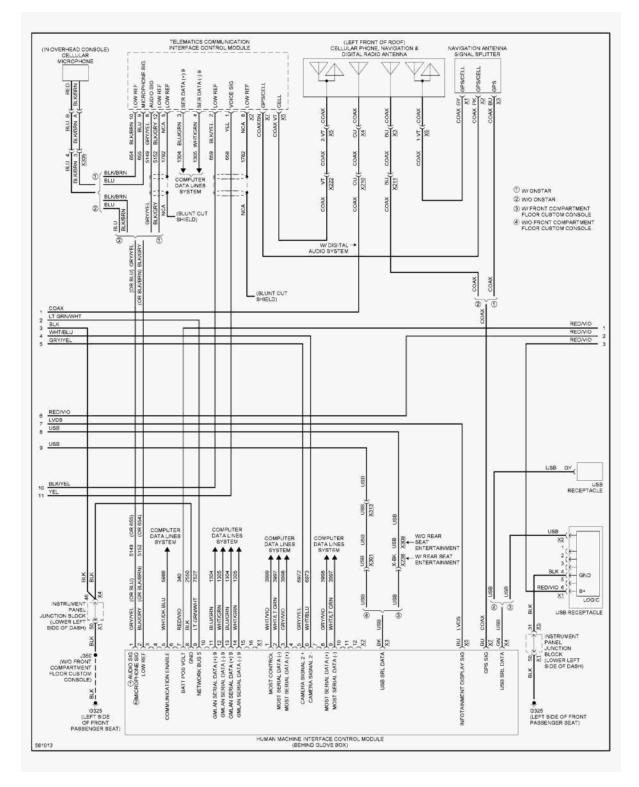


Fig. 135: Radio Circuit, Up Level W/O Amplifier (3 of 4)

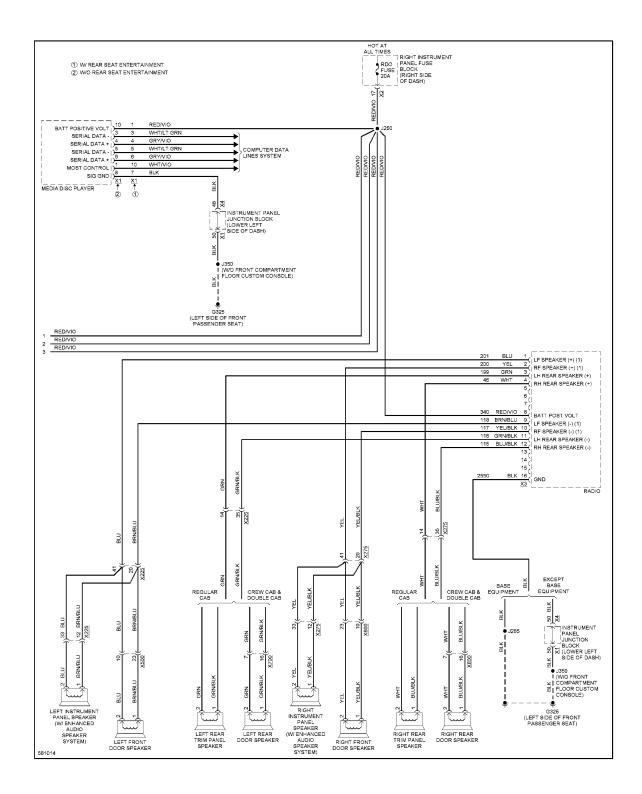


Fig. 136: Radio Circuit, Up Level W/O Amplifier (4 of 4)

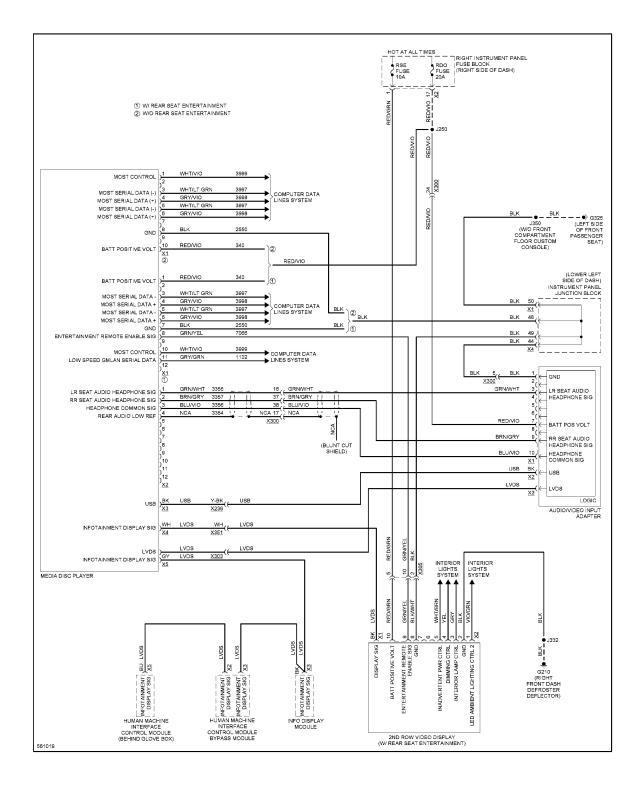


Fig. 137: Video System Circuit

SHIFT INTERLOCK

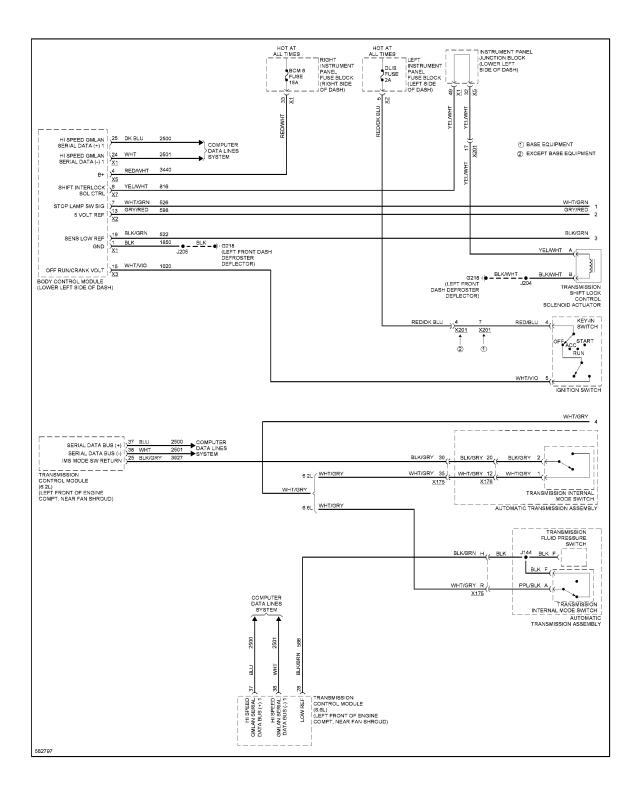


Fig. 138: Shift Interlock Circuit (1 of 2)

① 6.2L & 6.6L ② 4.3L, 5.3L & 6.0L WHT/GRN GRY/RED 1 2 3 BLK/GRN OK BLU/YEL (OR BLU/YEL BPP SENS SIG 48 59 58 5361 BPP SENS LO REF 43 22 BLK/BRN 68 68 5360 BPP SENS 5V REF 44 <u>X1</u> 40 38 WHT X3 43 WHT 47 47 5359
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 XI
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 GMLAN DATA BUS (-) 1
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 40</td COMPUTER DATA LINES 2501 2500 1786 GRY 3 BLK/GRN 9 WHT/GRN WHTA 1 2 INSTRUMENT PANEL JUNCTION BLOCK (COWER LEFT SIDE OF DASH) WHT/GRY WHT/GRY ₽ĬRĬ 4 WHT/GRY BLK/GRN GRY/RED NHT/GDN WHT BLK/BRN DK BLU/YEL (OR BLU/YEL) 9 X115 **WHT/GRY** CONTROL SOLENOID) 7 WHT 3) 8 BLKBRN 1 DK BLUYEL 9 (OR BLUYEL X315 m 되 TRANSMISSION CONTROL MODULE GND EXCEPT BASE -EQUIPMENT -WHT F ×٦ WHT BLK/BRN BLK/GRN GRY/RED WHT/GRN GRY BLUNEL TRANSMISSION INTERNAL MODE SWITCH ٠ ş Ş. BRAKE PEDAL POSITION SENSOR (BEHIND BRAKE PEDAL ASSEMBLY) AUTOMATIC TRANSMISSION ASSEMBLY (4.3L, 5.3L & 6.0L) 562798

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Fig. 139: Shift Interlock Circuit (2 of 2)

STARTING/CHARGING

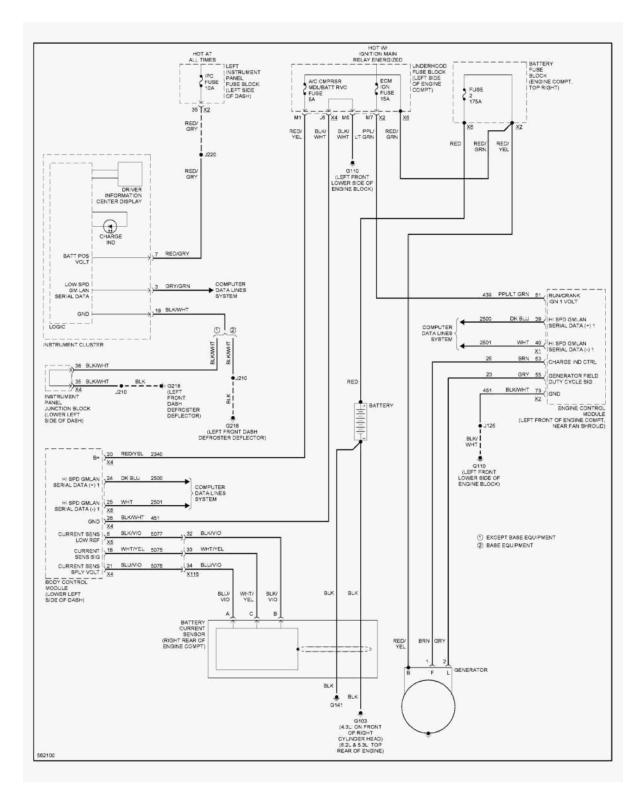


Fig. 140: Charging Circuit

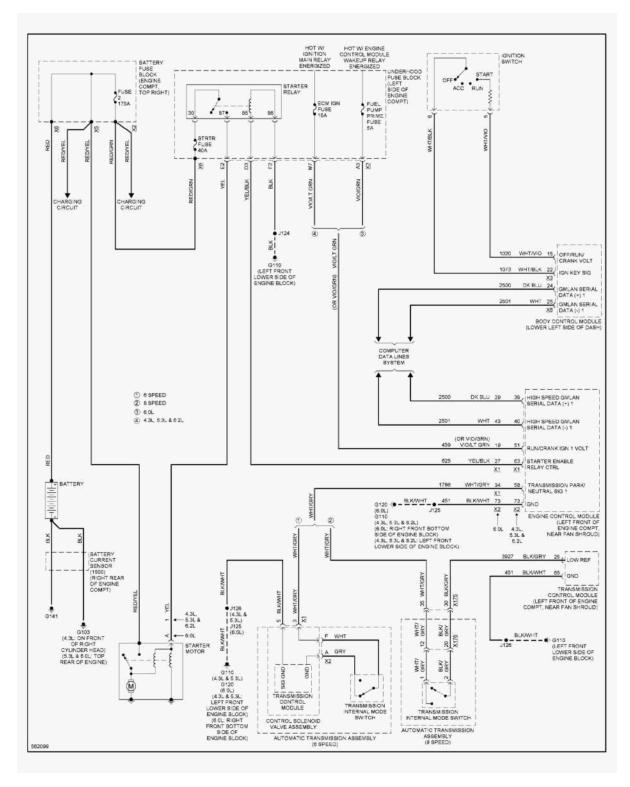


Fig. 141: Starting Circuit

SUPPLEMENTAL RESTRAINTS

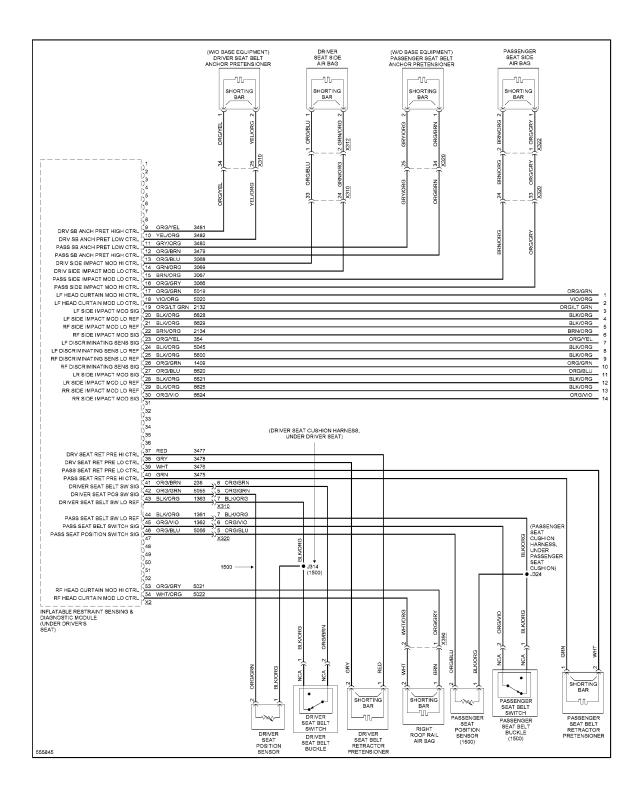
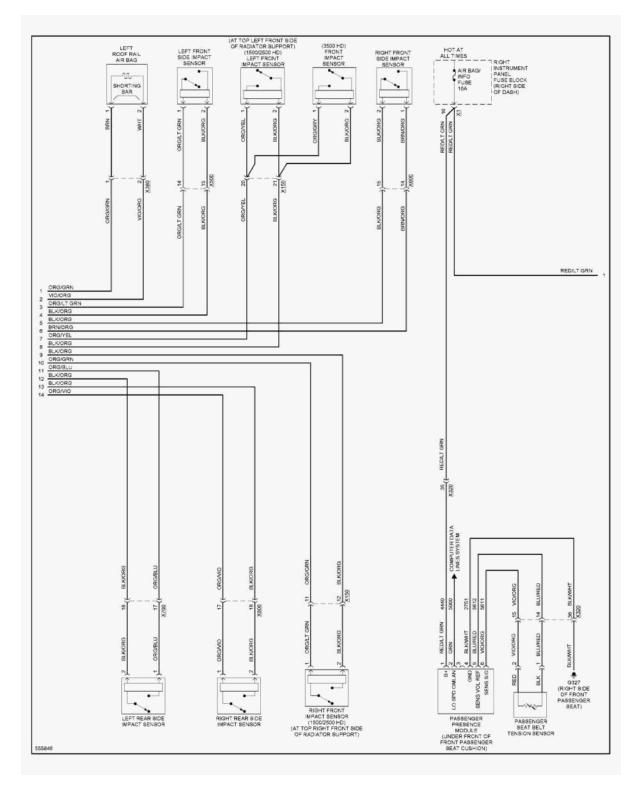


Fig. 142: Supplemental Restraints Circuit (1 of 3)





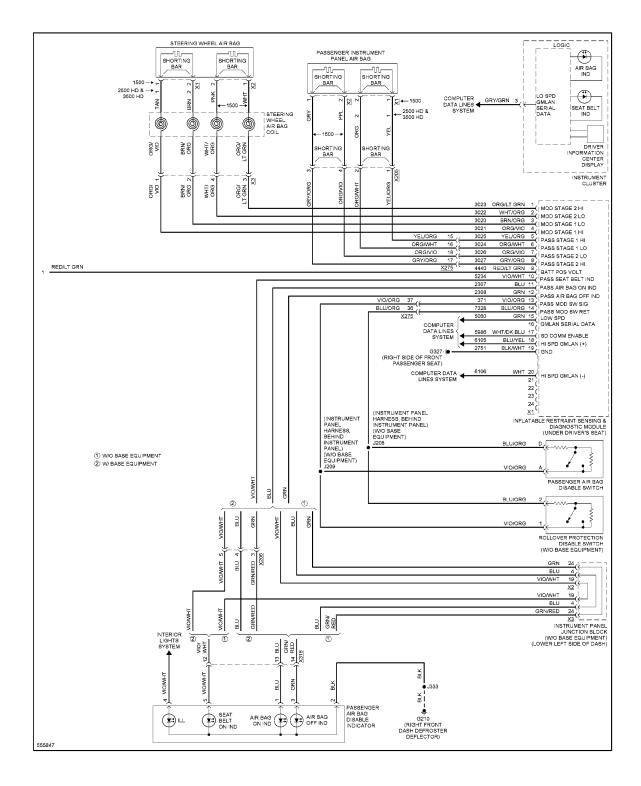


Fig. 144: Supplemental Restraints Circuit (3 of 3)

TRANSMISSION

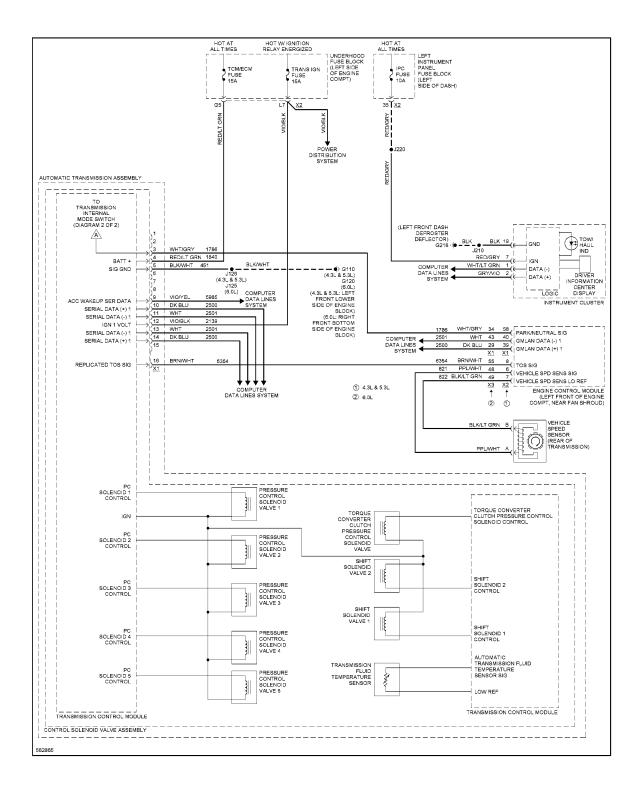


Fig. 145: A/T Circuit, 6 Speed (1 of 2)

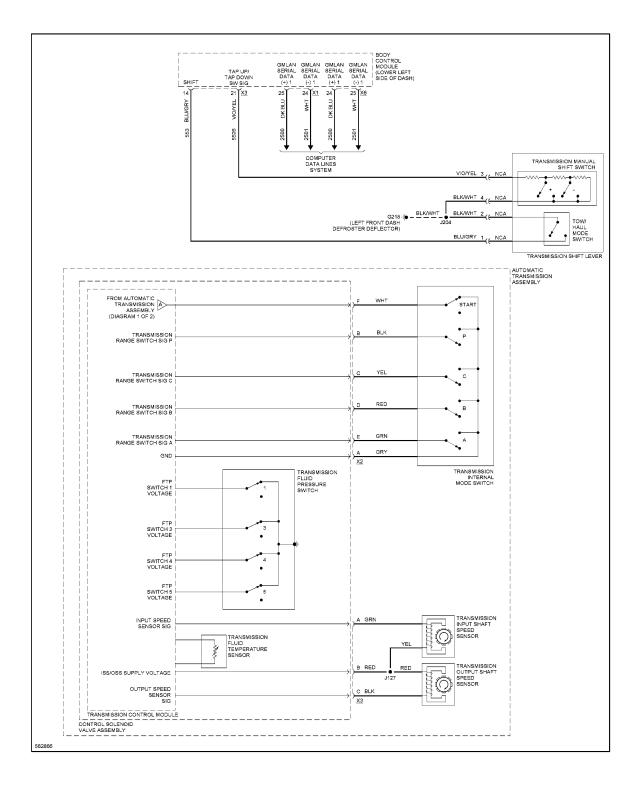


Fig. 146: A/T Circuit, 6 Speed (2 of 2)

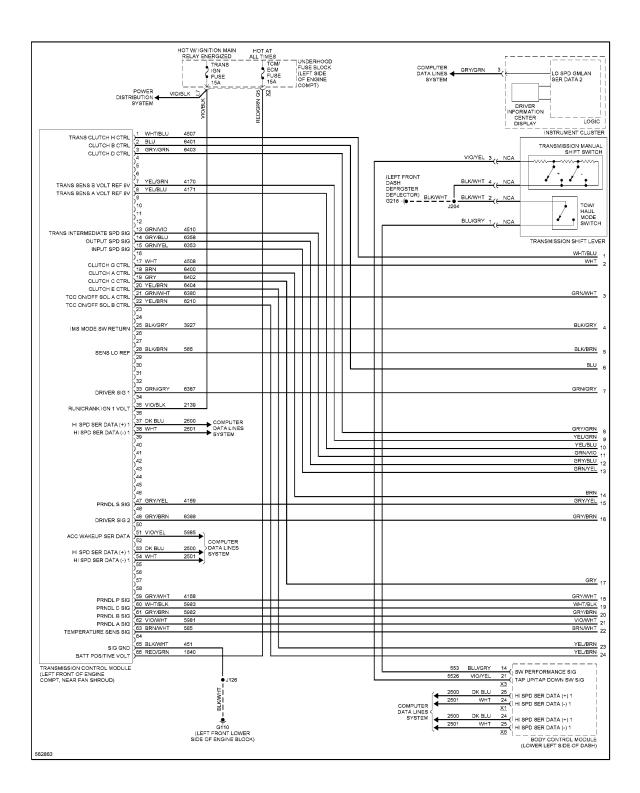
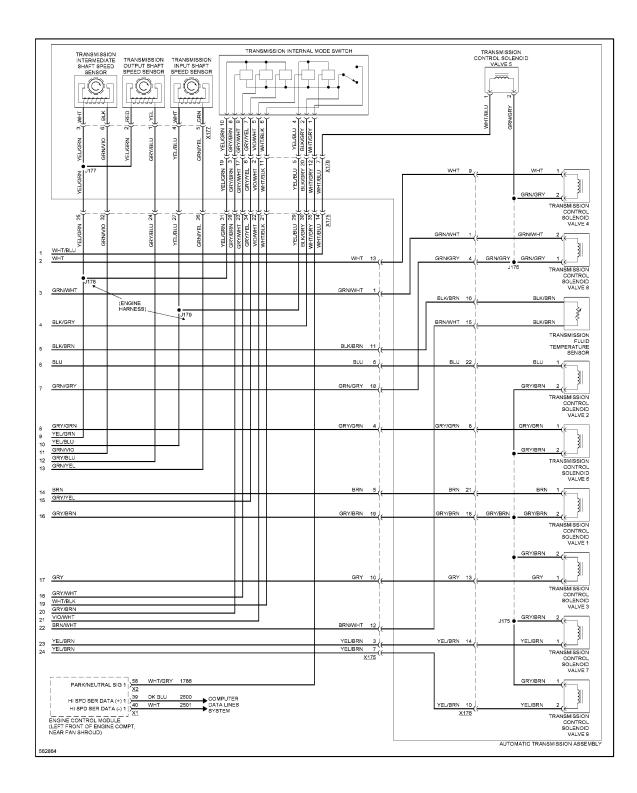


Fig. 147: A/T Circuit, 8 speed (1 of 2)



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Fig. 148: A/T Circuit, 8 speed (2 of 2)

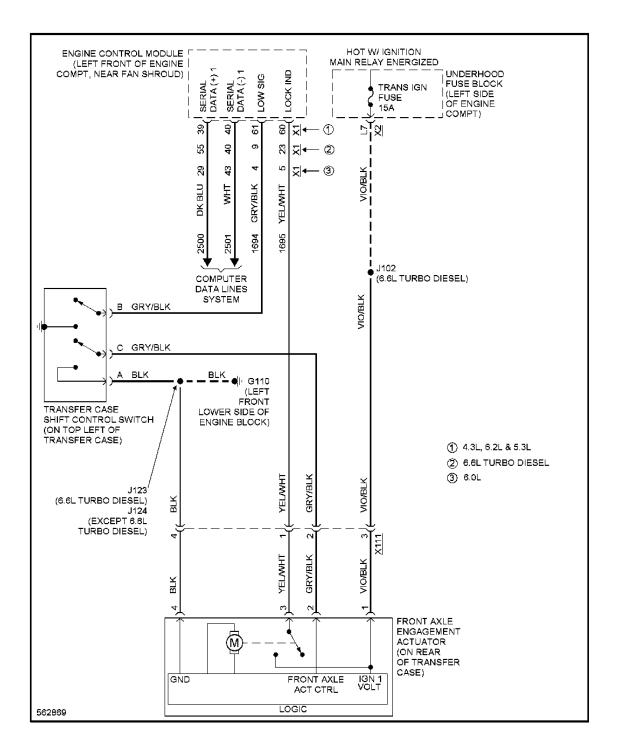


Fig. 149: Transfer Case Circuit, 2-Speed Manual

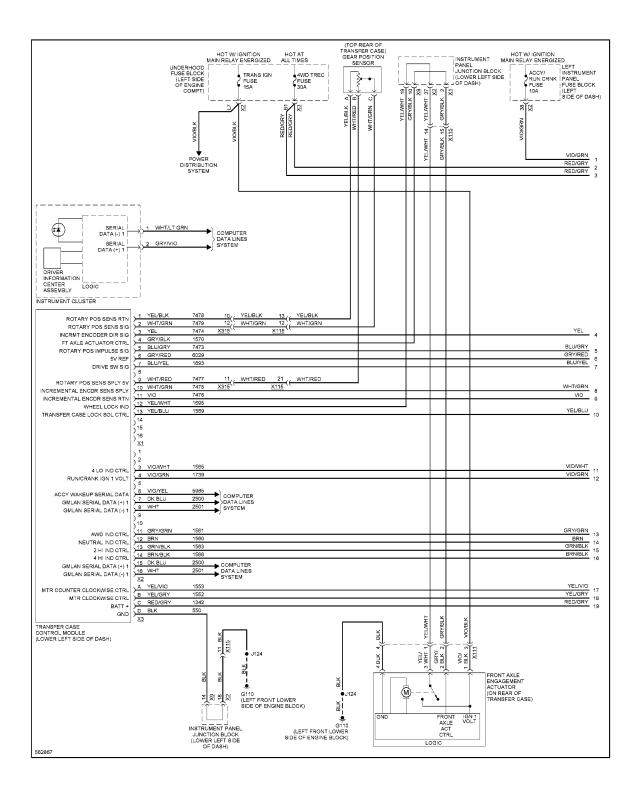


Fig. 150: Transfer Case Circuit, 2-Speed W/ Push Button Control (1 of 2)

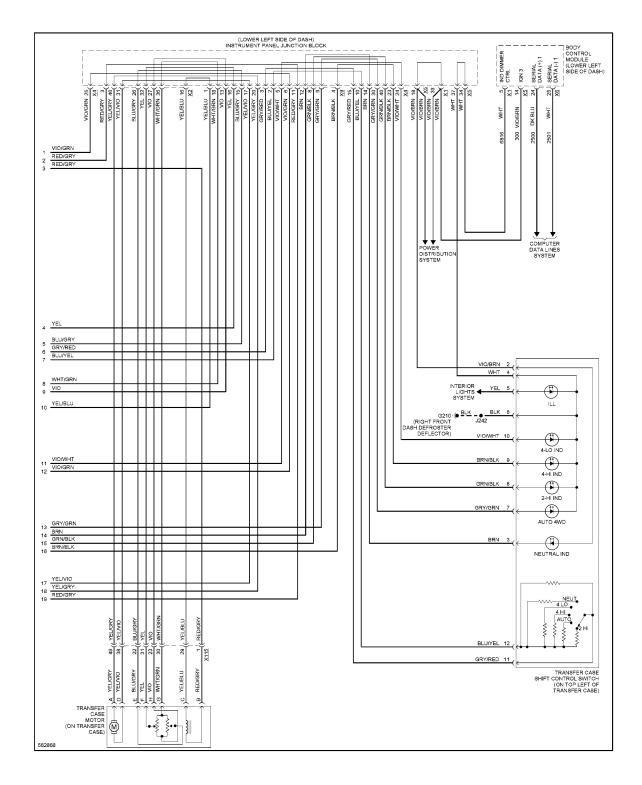


Fig. 151: Transfer Case Circuit, 2-Speed W/ Push Button Control (2 of 2)

TRUNK, TAILGATE, FUEL DOOR

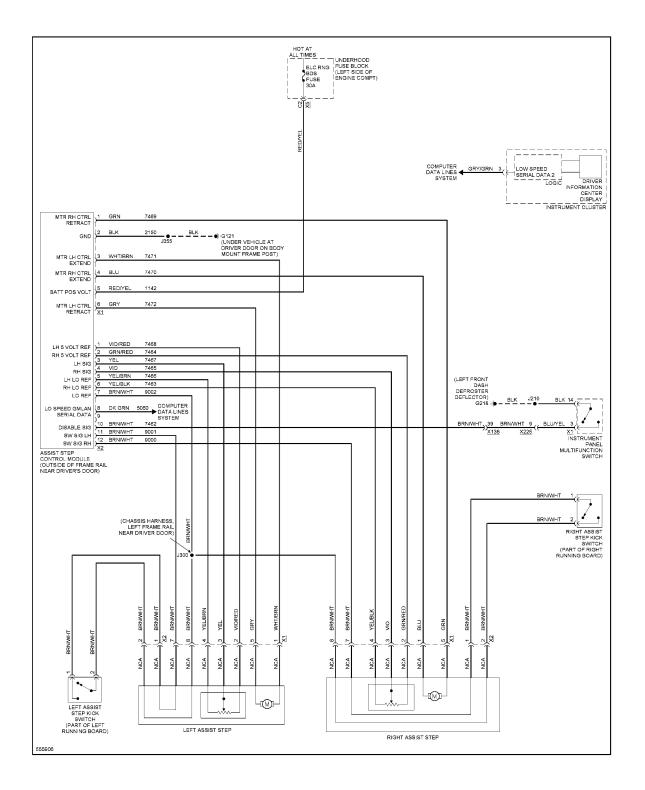


Fig. 152: Retractable Running Boards Circuit

WARNING SYSTEMS

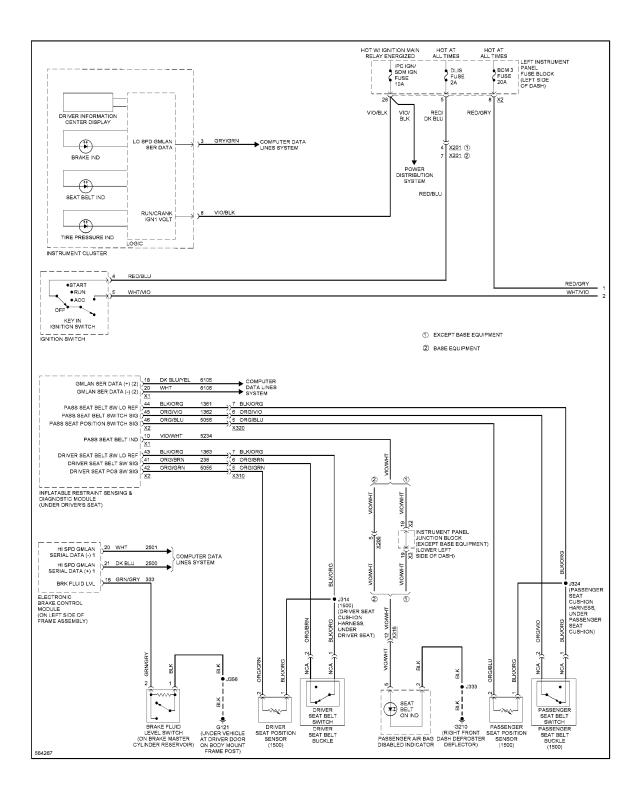


Fig. 153: Warning Systems Circuit (1 of 2)

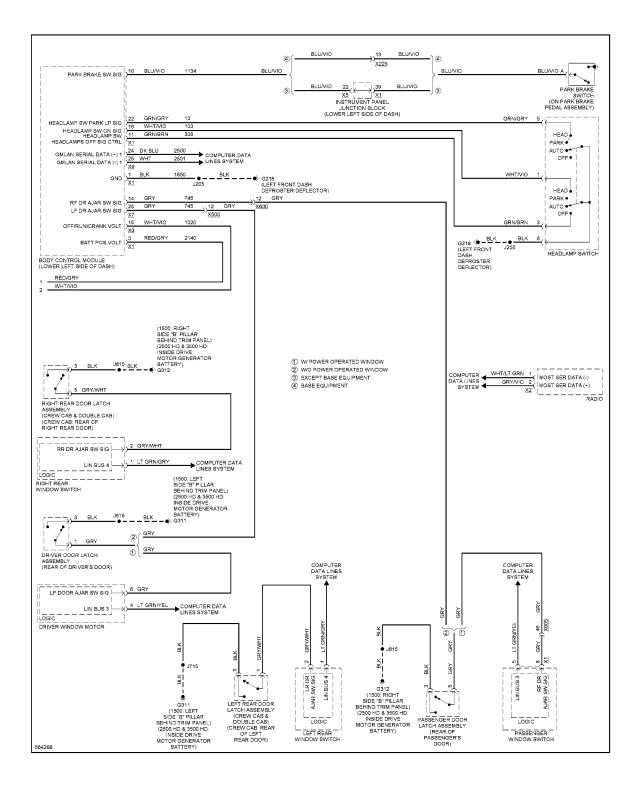


Fig. 154: Warning Systems Circuit (2 of 2)

WIPER/WASHER

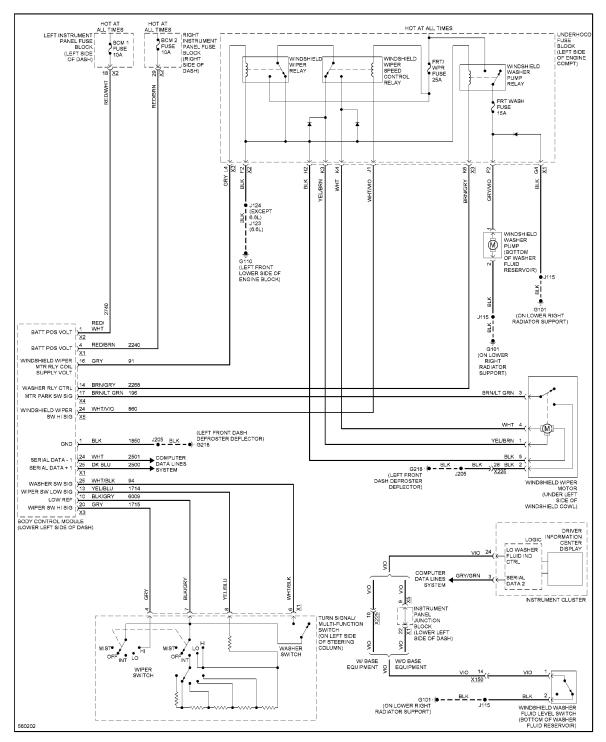


Fig. 155: Wiper/Washer Circuit

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