

2006 HONDA CIVIC L4-1.8L

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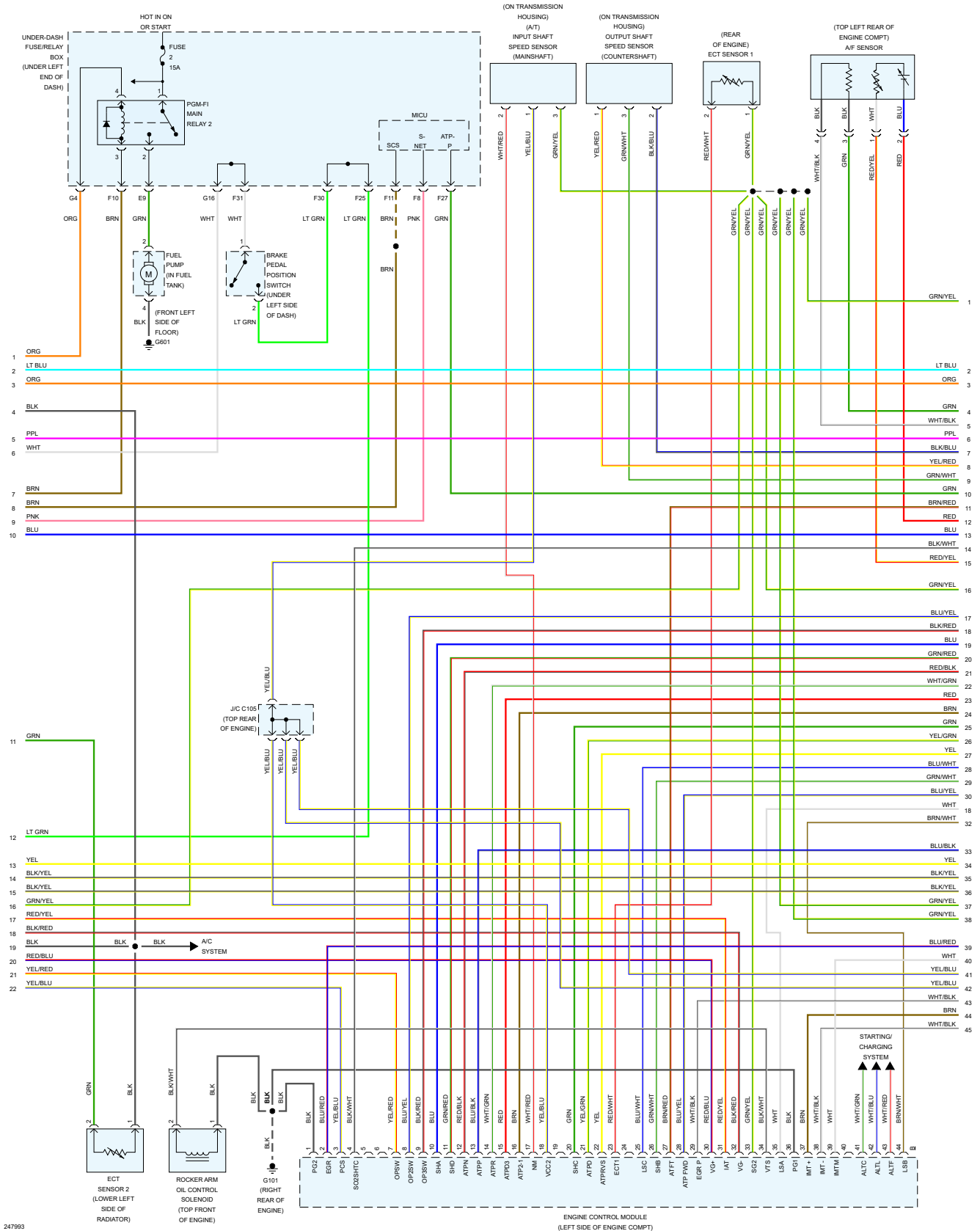
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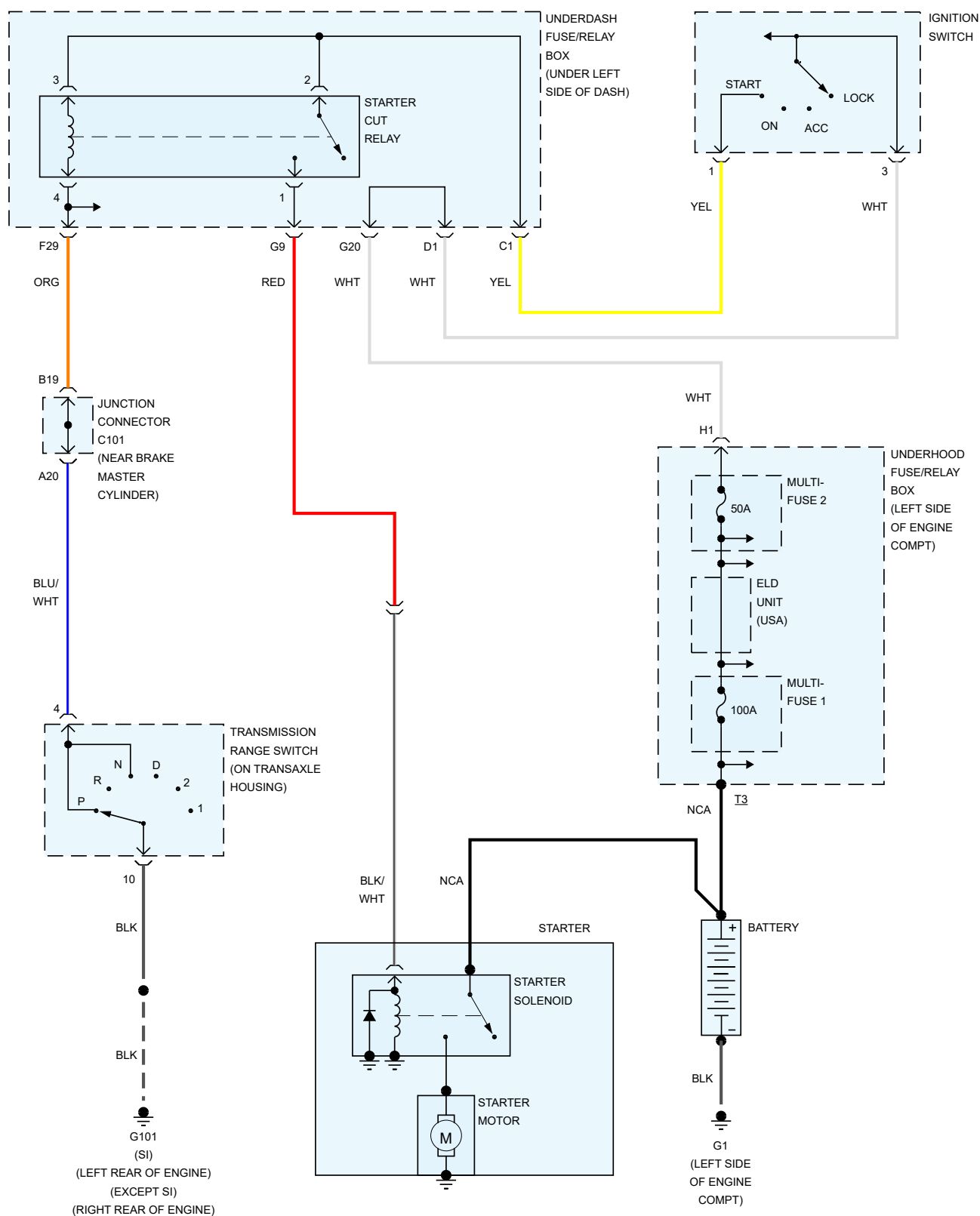
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ENGINE CONTROL MODULE



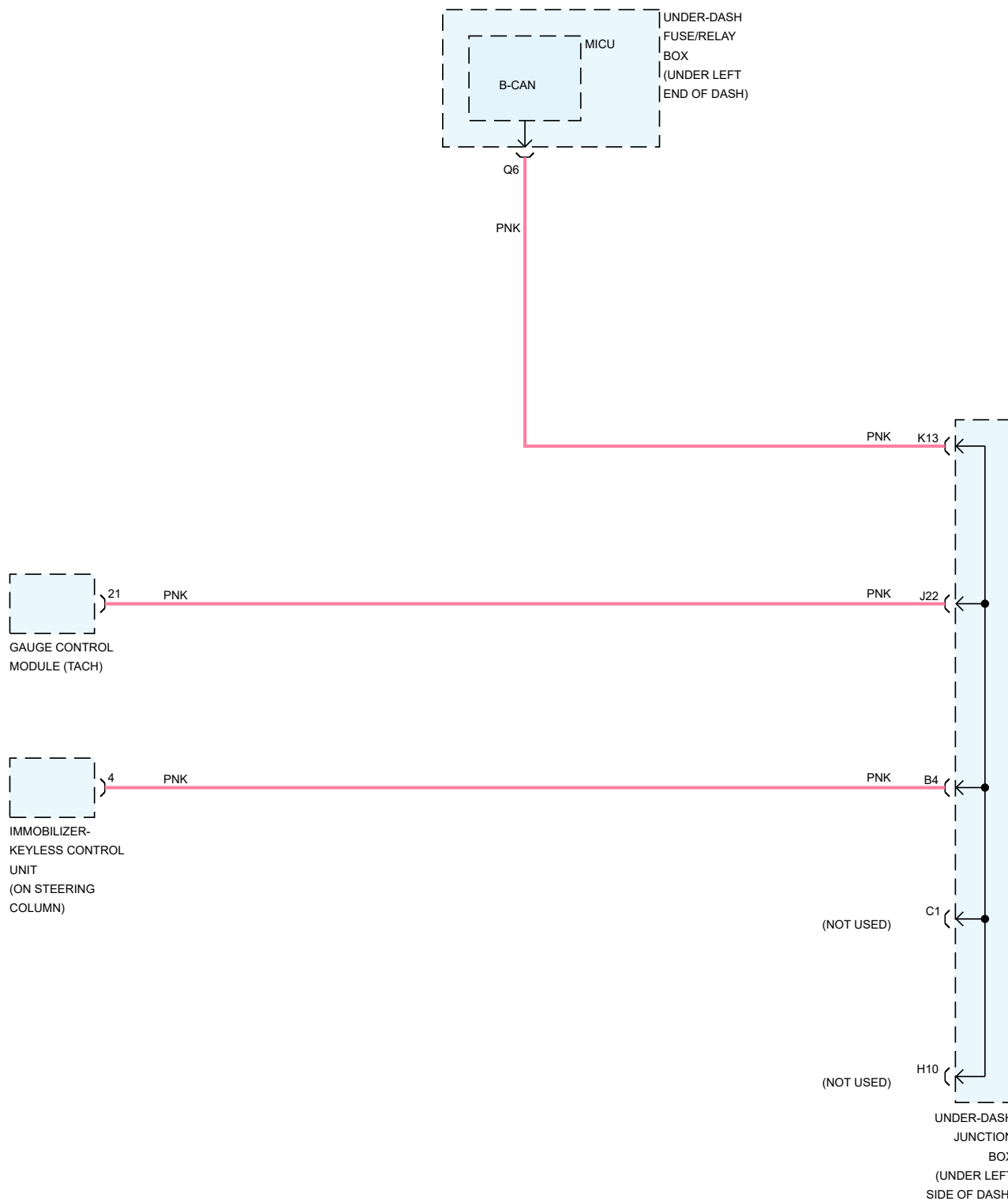
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STARTING CHARGING - STARTING CIRCUIT (A/T EXCEPT HYBRID)



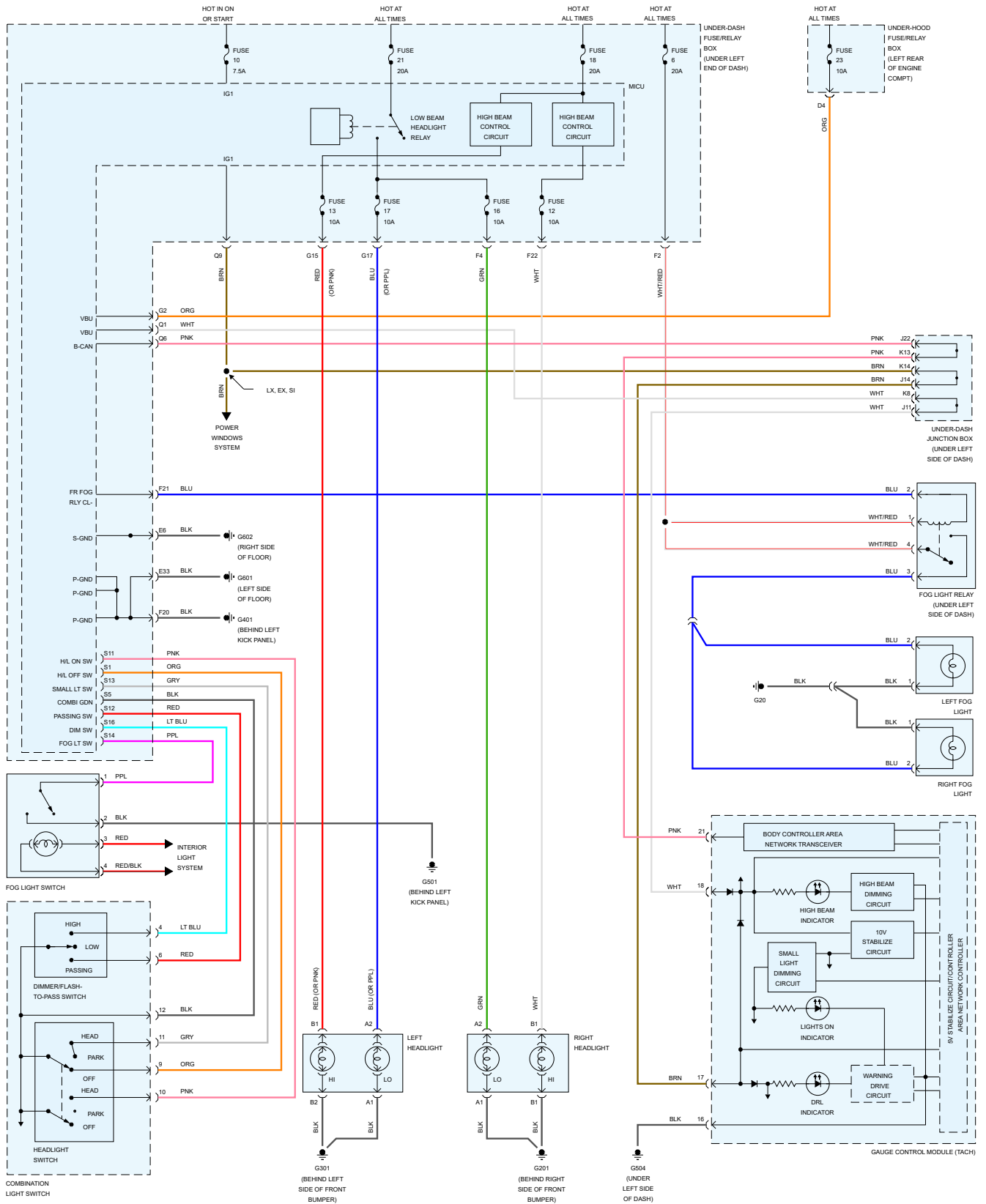
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COMPUTER DATA LINES - B-CAN CIRCUIT



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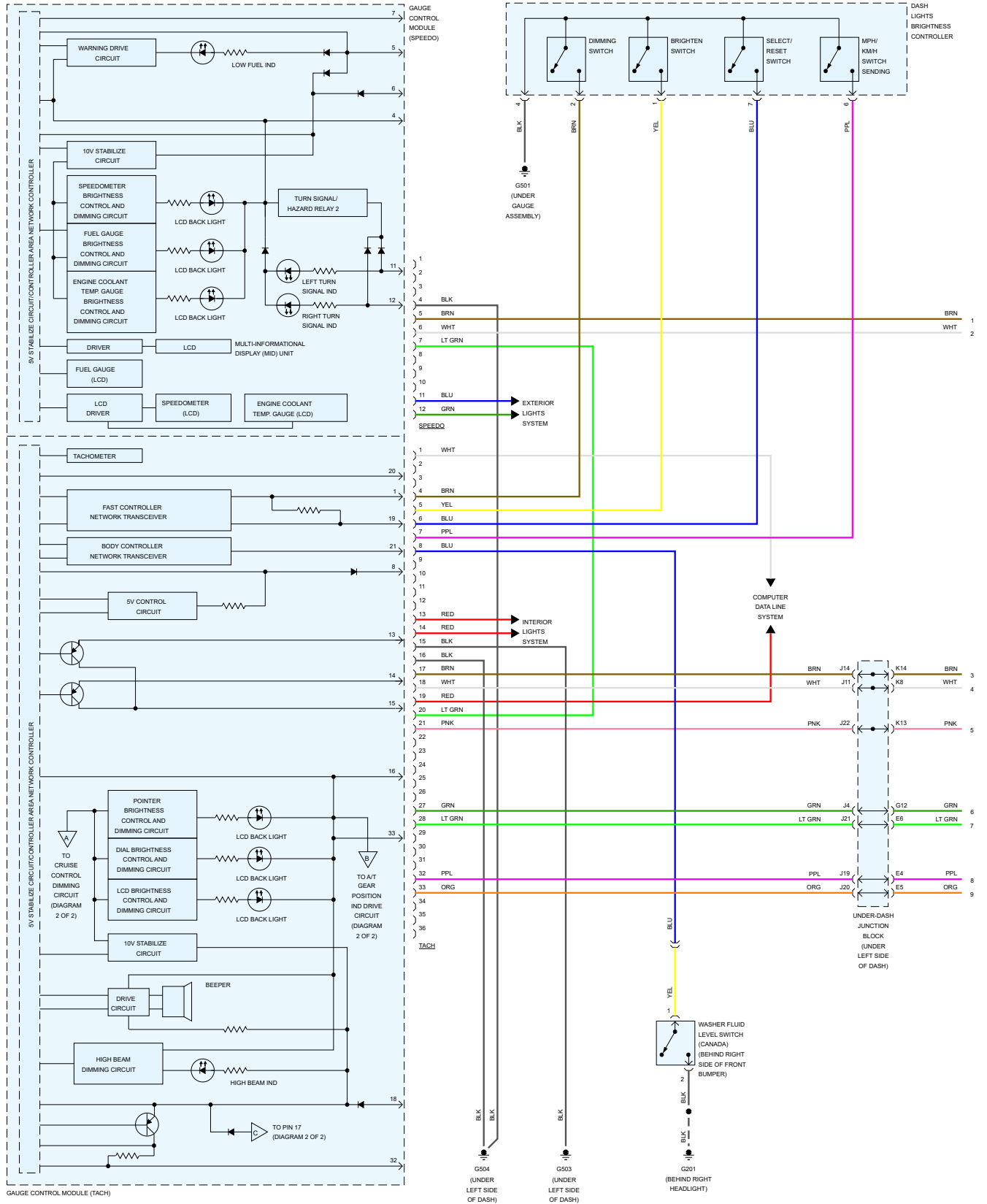
HEADLIGHTS - COUPE



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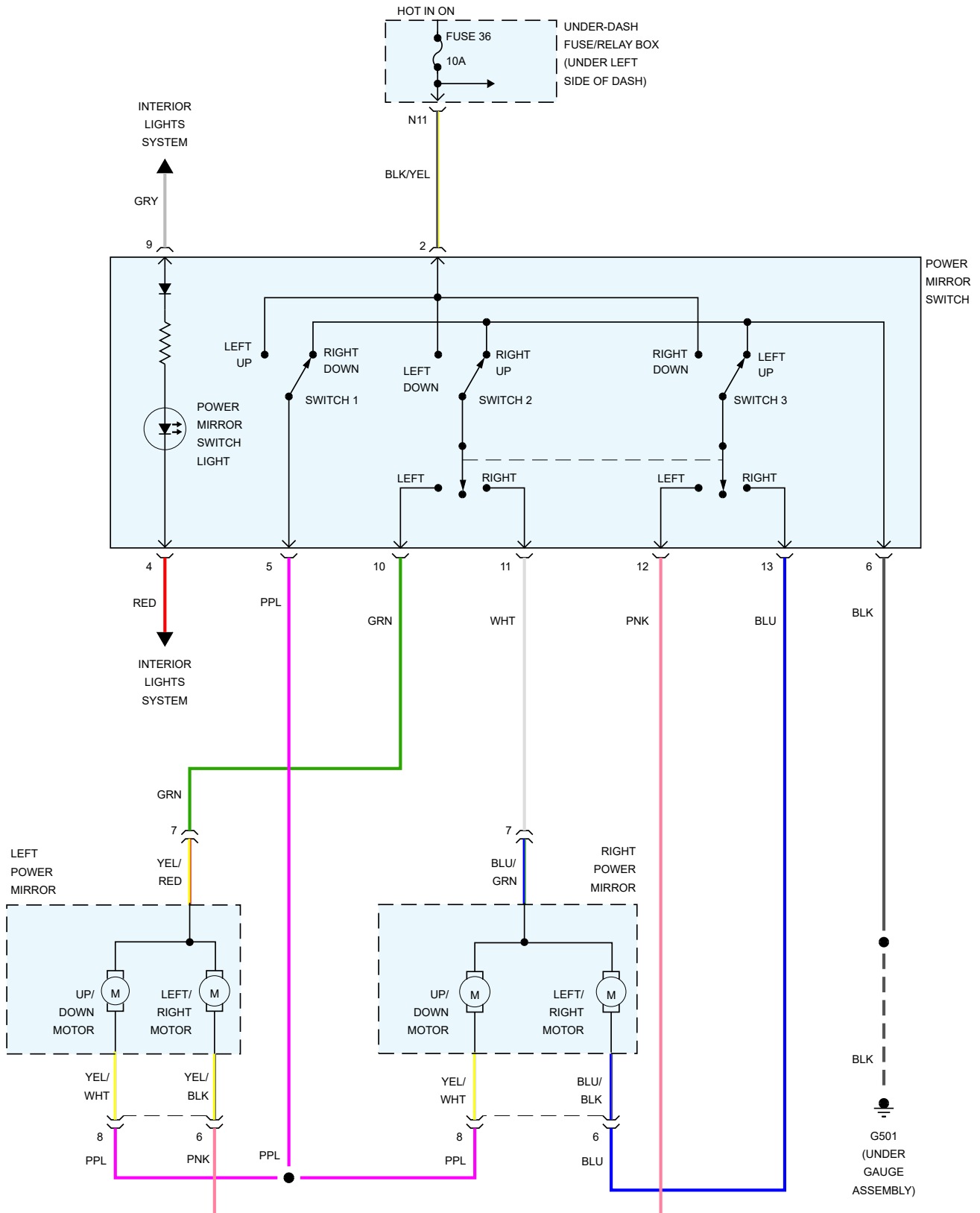
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INSTRUMENT CLUSTER - DX, DX-G



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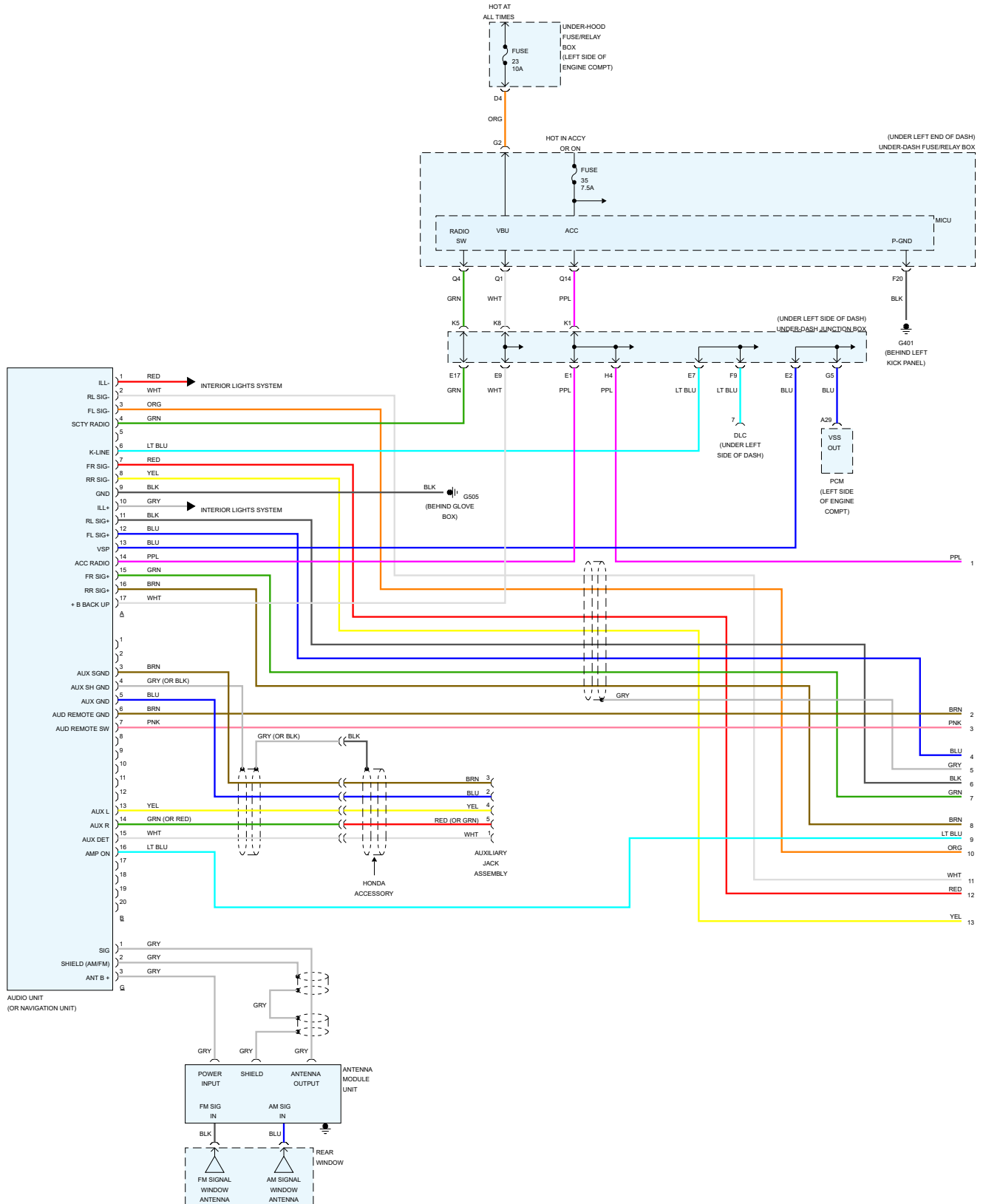
MIRRORS - POWER MIRRORS CIRCUIT (W/O DEFOGGER COUPE)



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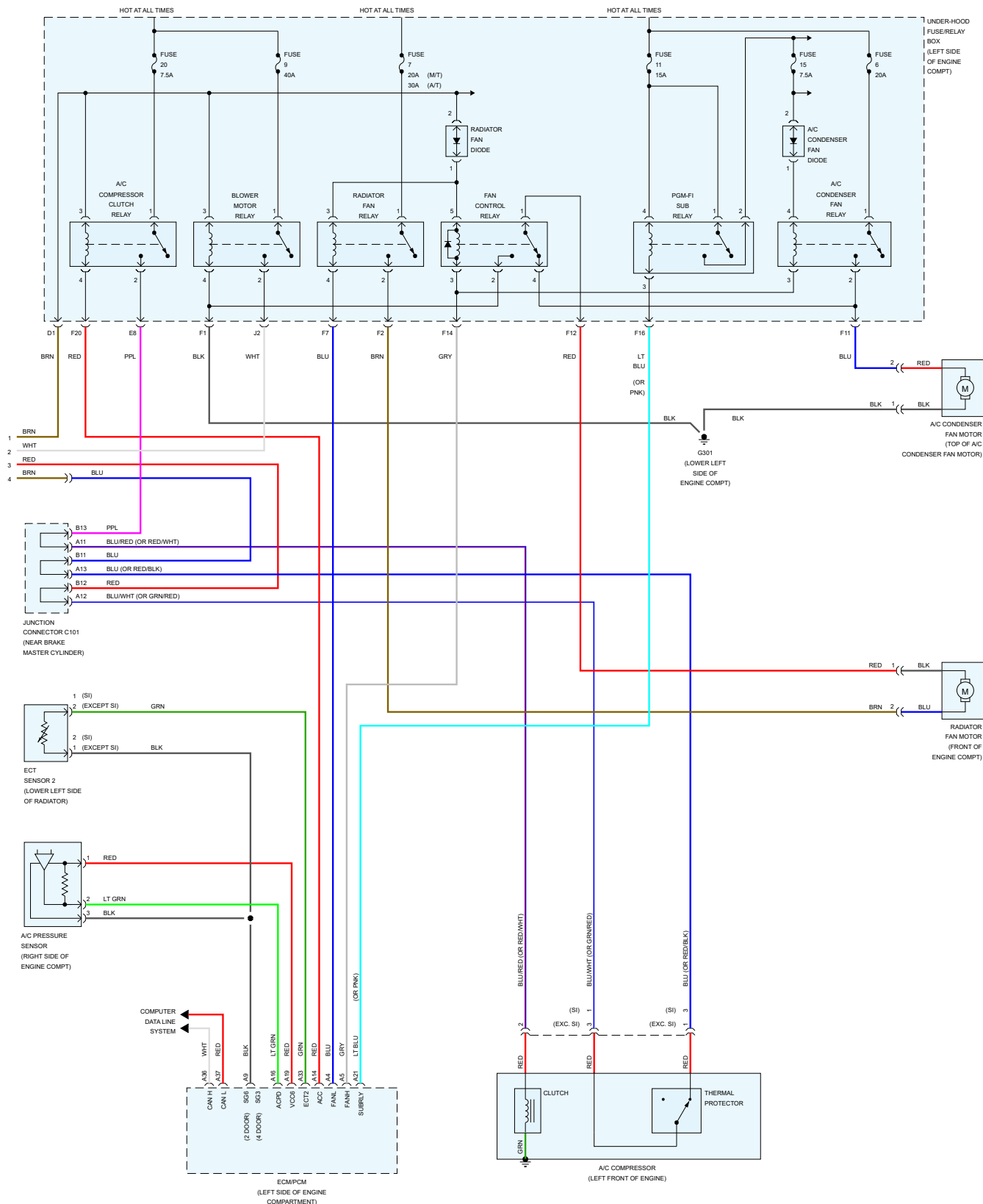
SOUND SYSTEMS - RADIO CIRCUIT (EX 2 DOOR, SI)



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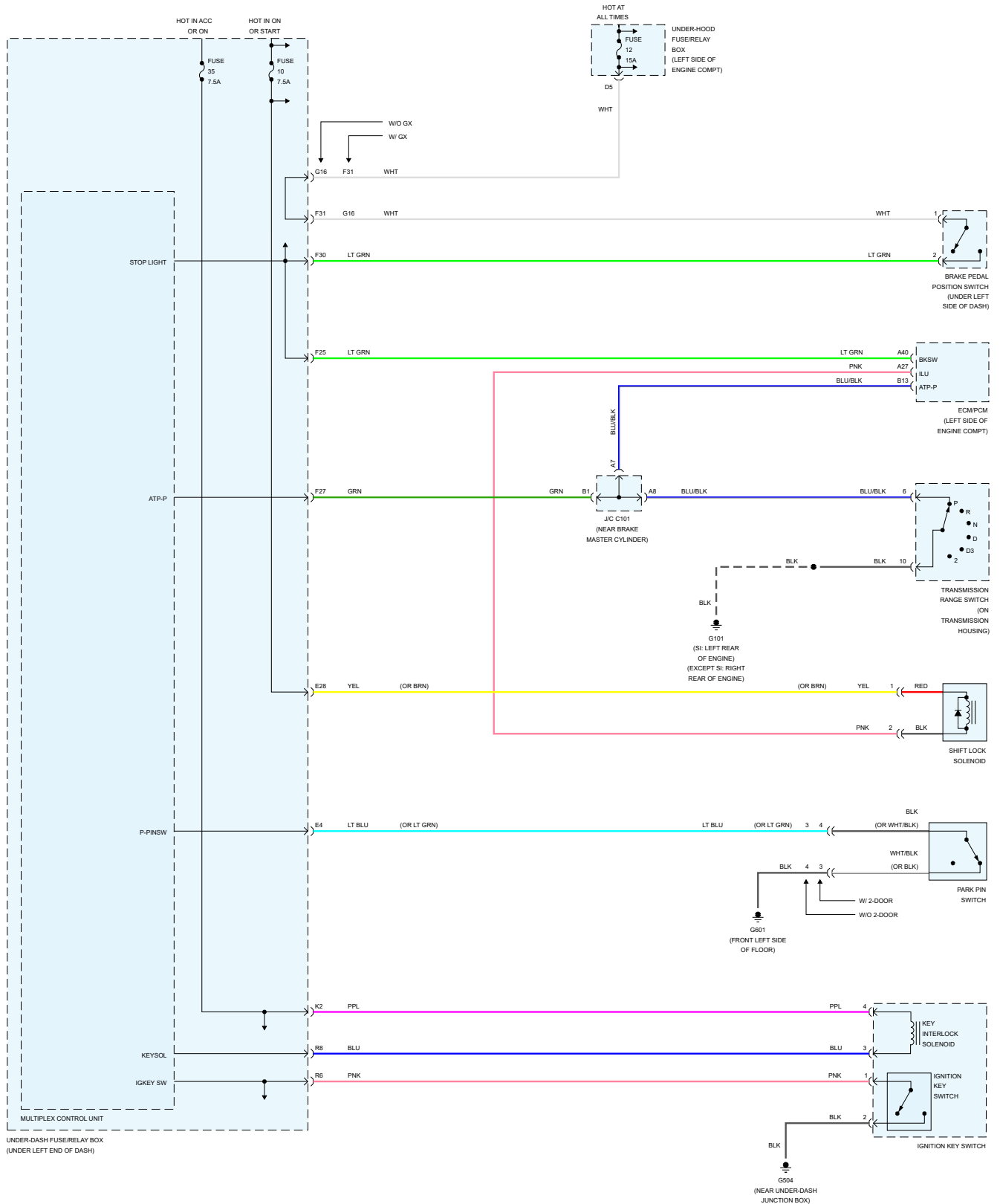
AIR CONDITIONING - MANUAL A/C CIRCUIT (EXCEPT HYBRID)



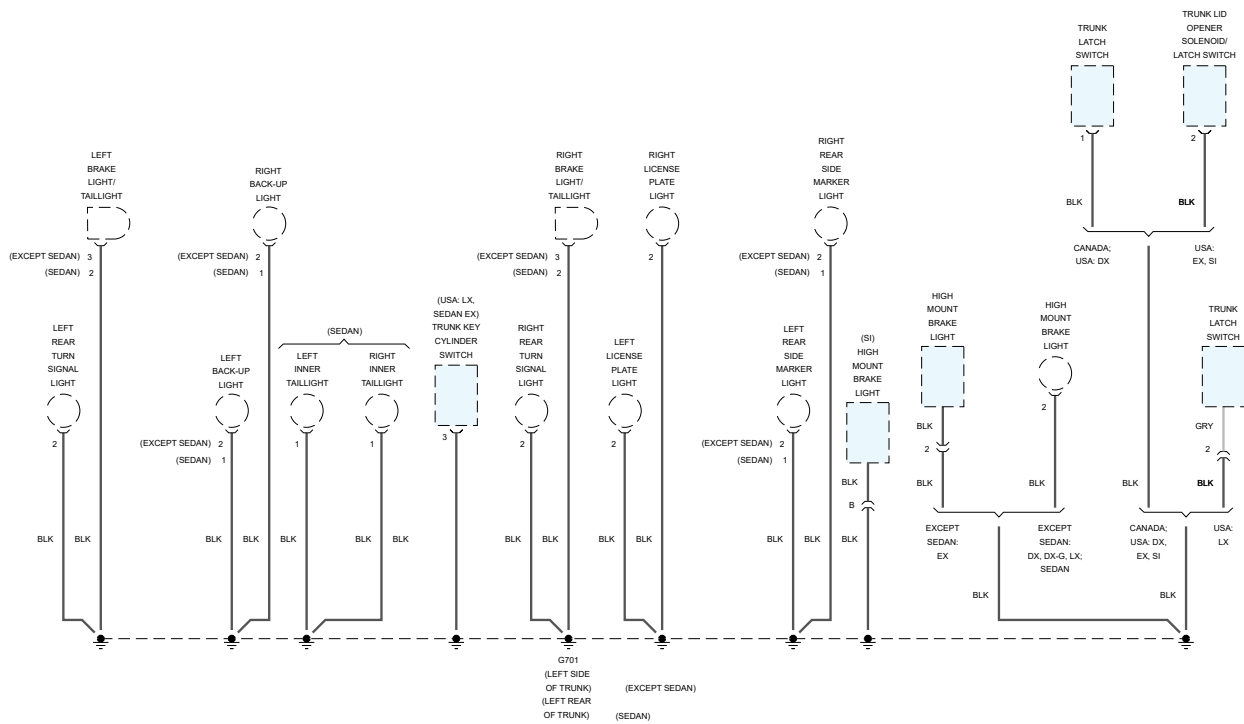
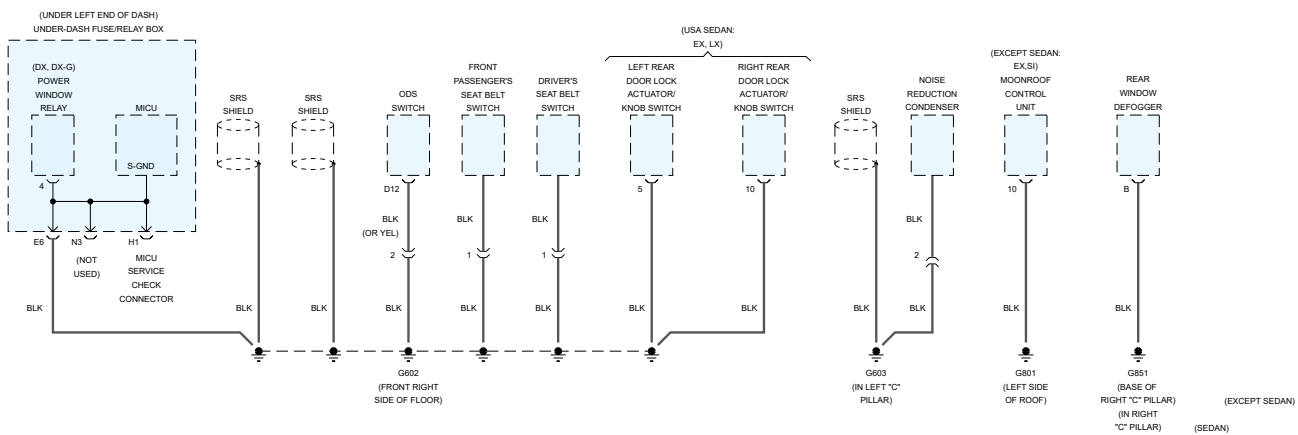
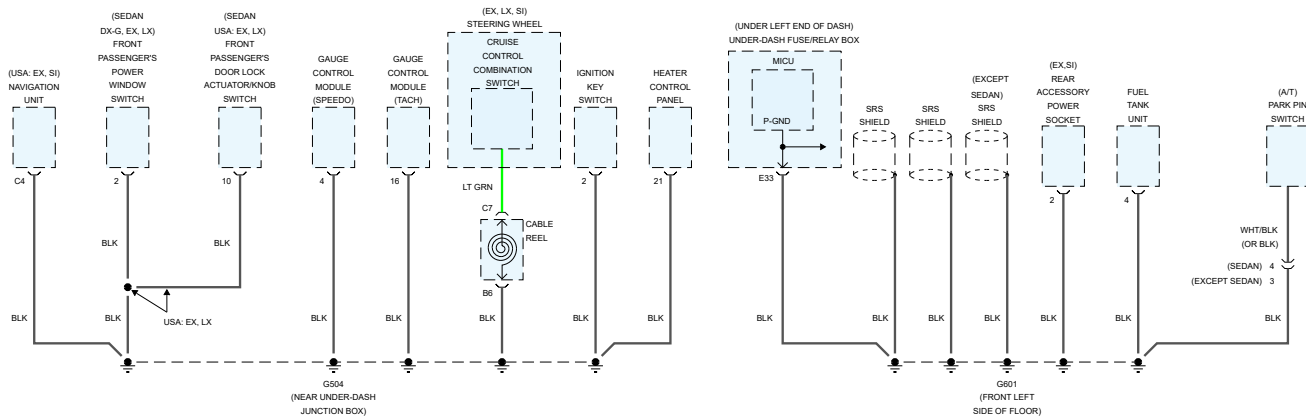
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SHIFT INTERLOCK - SHIFT INTERLOCK CIRCUIT (EXCEPT HYBRID)



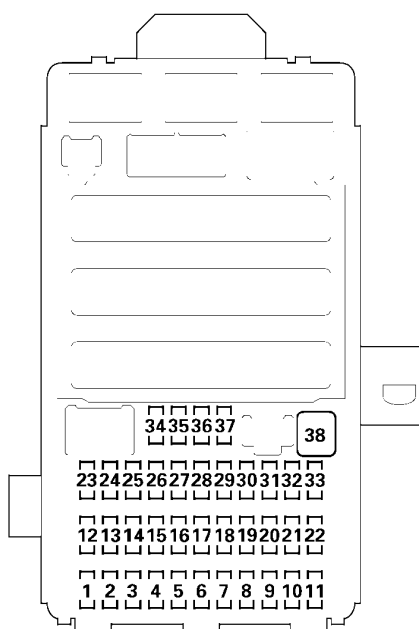
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GROUND DISTRIBUTION - EXCEPT HYBRID



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UNDER-DASH FUSE RELAY BOX

Fuse-to-Components Index

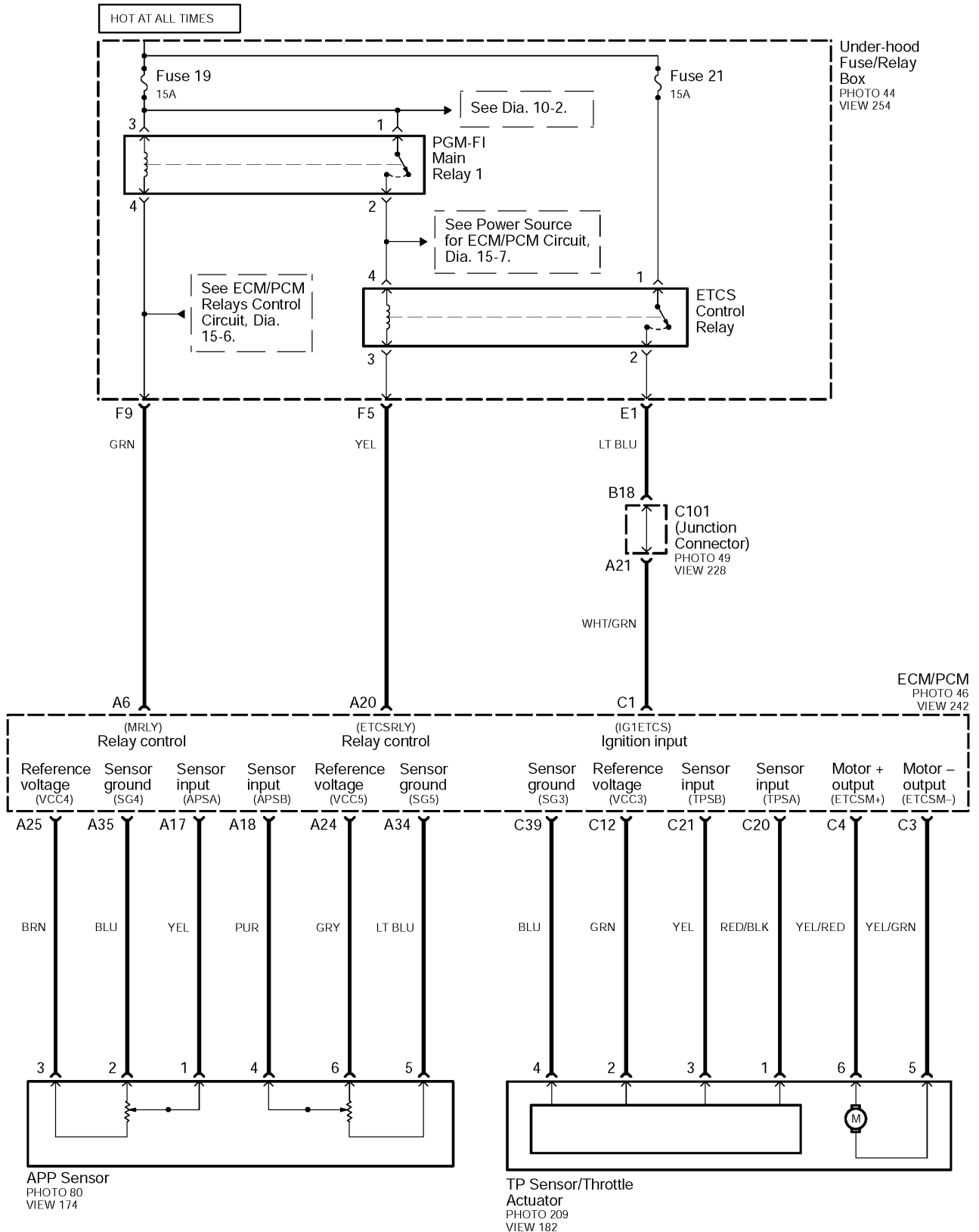


Fuse Number	Fuse Name	Amps	Component or Circuit Protected
26	DR P/W	20A	Power Window Master Switch
27	+B HAC OP	—	Not Used
28	RR ACC SOCKET	(15A)	Rear Accessory Power Socket Relay (EX, Si)
29	+B ACC	15A	Front Accessory Power Socket Relay
30	AS P/W	20A	Front Passenger's Power Window Switch, Moonroof Control Unit (2-door: EX, Si), Moonroof Switch (2-door: EX, Si), Power Window Master Switch
31	—	—	Not Used
32	RR R P/W	20A	Moonroof Control Unit (4-door: EX), Moonroof Switch (4-door: EX), Power Window Master Switch (4-door), Right Rear Power Window Switch (4-door)
33	RR L P/W	20A	Left Rear Power Window Switch (4-door), Power Window Master Switch (4-door)
34	—	—	Not Used
35	ACC RADIO	7.5A	Audio Unit, Front Accessory Power Socket Relay, Ignition Key Switch, MICU, Navigation Unit (USA: EX, Si), Rear Accessory Power Socket Relay (EX, Si), Stereo Amplifier (2-door: EX, Si)
36	IG2 HAC	10A	A/C Compressor Clutch Relay, Blower Motor Relay, Fan Control Relay, Heater Control Panel, MICU, Power Mirror Heaters Relay (Canada: LX, EX, Si), Power Mirror Switch (LX, EX, GX, Si; Canada: DX, DX-G), Radiator Fan Relay, Rear Window Defogger Relay, Recirculation Control Motor
37	DAY LT	7.5A	MICU
38	FR WIPER	30A	MICU

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ACCELERATOR PEDAL POSITION SENSOR/THROTTLE POSITION SENSOR

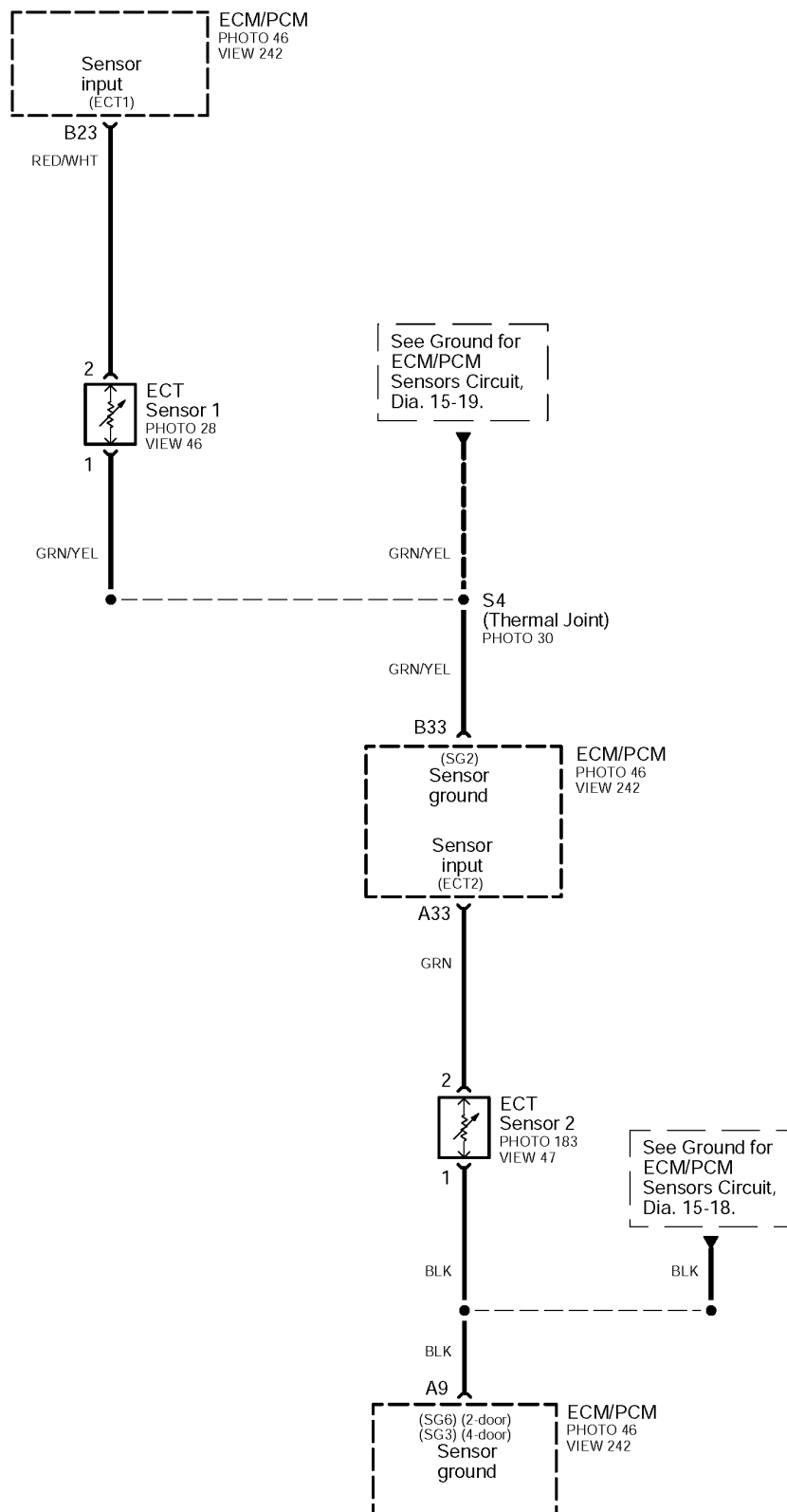
– ETCS (Electronic Throttle Control System)



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ENGINE COOLANT TEMPERATURE SENSOR

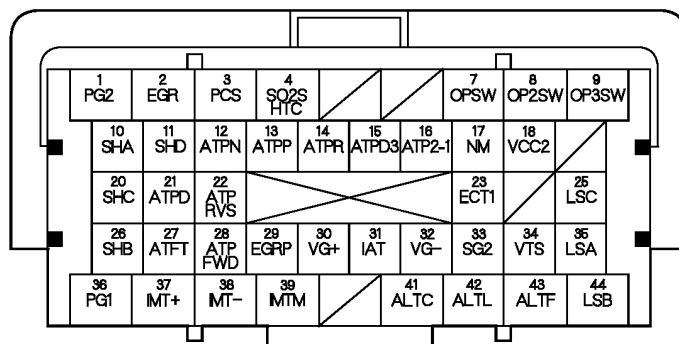
- PGM-FI System



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PIN-OUT ENGINE CONTROL MODULE A/T CONNECTOR B

ECM/PCM Inputs and Outputs at Connector B (△) (44P)



Terminal side of female terminals

NOTE: Standard battery voltage is about 12 V.

Terminal number	Wire color	Terminal name	Description	Signal
1	BLK	PG2 (POWER GROUND)	Ground circuit for ECM/PCM circuit	Less than 1.0 V at all times
2	BLU/RED	EGR (EXHAUST GAS RECIRCULATION (EGR) VALVE)	Drives EGR valve	With EGR operating: duty controlled With EGR not operating: about 0 V
3	YEL/BLU	PCS (EVAPORATIVE EMISSION (EVAP) CANISTER PURGE VALVE)	Drives EVAP canister purge valve	With engine running, engine coolant below 140 °F (60 °C): battery voltage With engine running, engine coolant above 140 °F (60 °C): duty controlled
4	BLK/WHT	SO2SHTC (SECONDARY HEATED OXYGEN SENSOR (SECONDARY HO2S) HEATER (SENSOR 2))	Drives secondary HO2S heater (sensor 2)	With ignition switch ON (II): battery voltage With fully warmed up engine running: duty controlled
7	YEL/RED	OPSW (OIL PRESSURE SWITCH)	Detects engine oil pressure signal	With ignition switch ON (II): about 0 V With engine running: battery voltage
8 ^{*1}	BLU/YEL	OP2SW (2ND CLUTCH TRANSMISSION FLUID PRESSURE SWITCH)	Detects 2nd clutch transmission fluid pressure switch input	With ignition switch ON (II): Without 2nd clutch pressure: about 5.0 V With 2nd clutch pressure: about 0 V
9 ^{*1}	BLK/RED	OP3SW (3RD CLUTCH TRANSMISSION FLUID PRESSURE SWITCH)	Detects 3rd clutch transmission fluid pressure switch input	With ignition switch ON (II): Without 3rd clutch pressure: about 5.0 V With 3rd clutch pressure: about 0 V
10 ^{*1}	BLU	SHA (SHIFT SOLENOID VALVE A)	Drives shift solenoid valve A	With engine running in 2 and D positions (in 2nd and 4th gears), and D3 position (in 2nd gear): battery voltage With engine running in P, R, N, and 1 positions (in 1st, 3rd and 5th gears), and D3 position (in 1st and 3rd gears): about 0 V
11 ^{*1}	GRN/RED	SHD (SHIFT SOLENOID VALVE D)	Drives shift solenoid valve D	With engine running in P and R positions: battery voltage With engine running in Park, R, Neutral, 1, or D, D3 position (in 1st, 3rd, 4th gears): about 0 V
12 ^{*1}	RED/BLK	ATPN (TRANSMISSION RANGE SWITCH NEUTRAL)	Detects transmission range switch N position signal input	In N position: about 0 V In any position other than N: about 5.0 V
13 ^{*1}	BLU/BLK	ATPP (TRANSMISSION RANGE SWITCH PARK)	Detects transmission range switch Park position signal input	In Park position: about 0 V In any other position: battery voltage
14 ^{*1}	WHT/GRN	ATPR (TRANSMISSION RANGE SWITCH R)	Detects transmission range switch R position signal input	In R position: about 0 V In any position other than R: battery voltage
15 ^{*1}	RED	ATPD3 (TRANSMISSION RANGE SWITCH D3)	Detects transmission range switch D3 position signal input	In D3 position: about 0 V In any position other than D3: battery voltage

* 1: A/T