

2012 FORD EXPLORER FWD V6-3.5L

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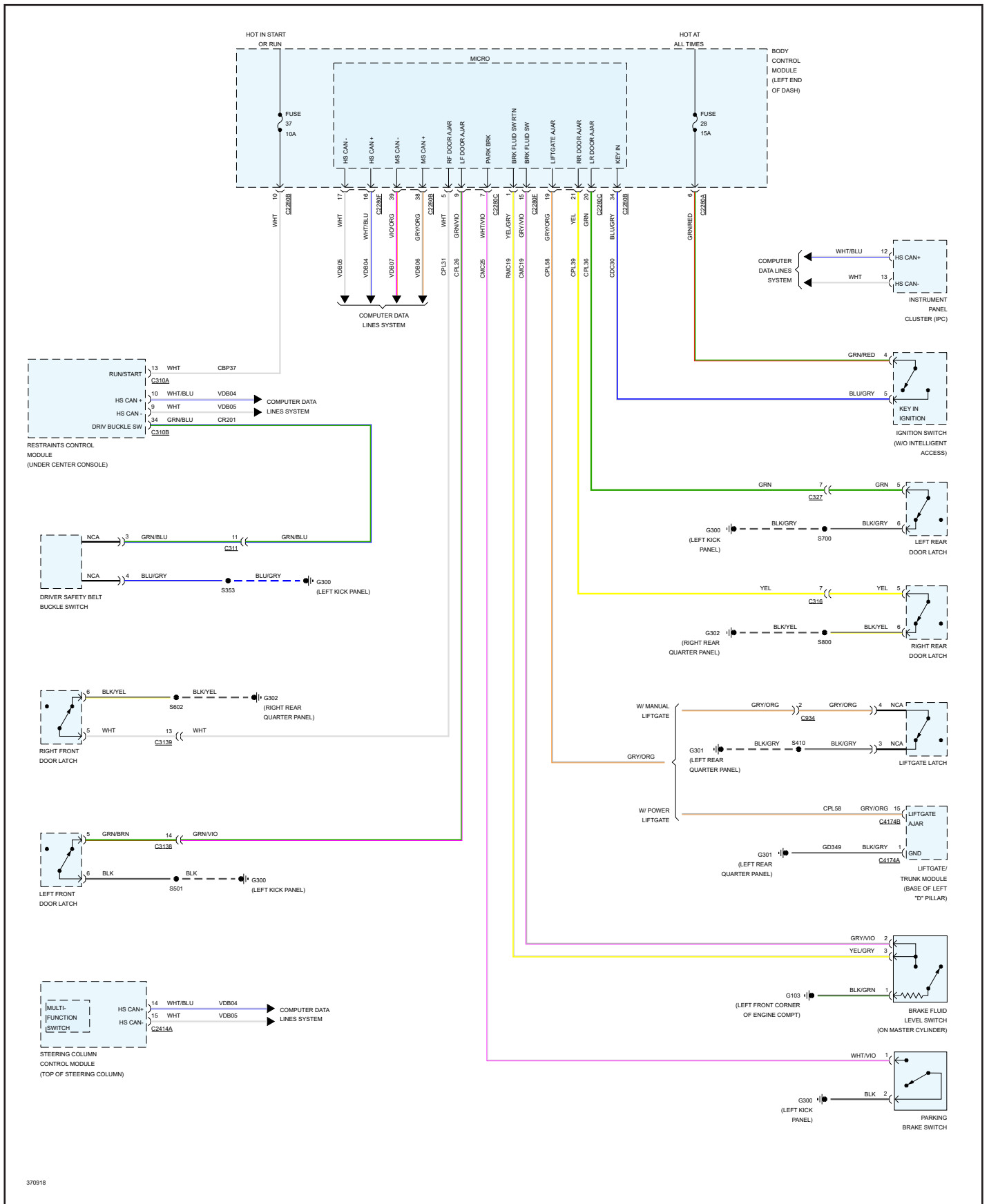
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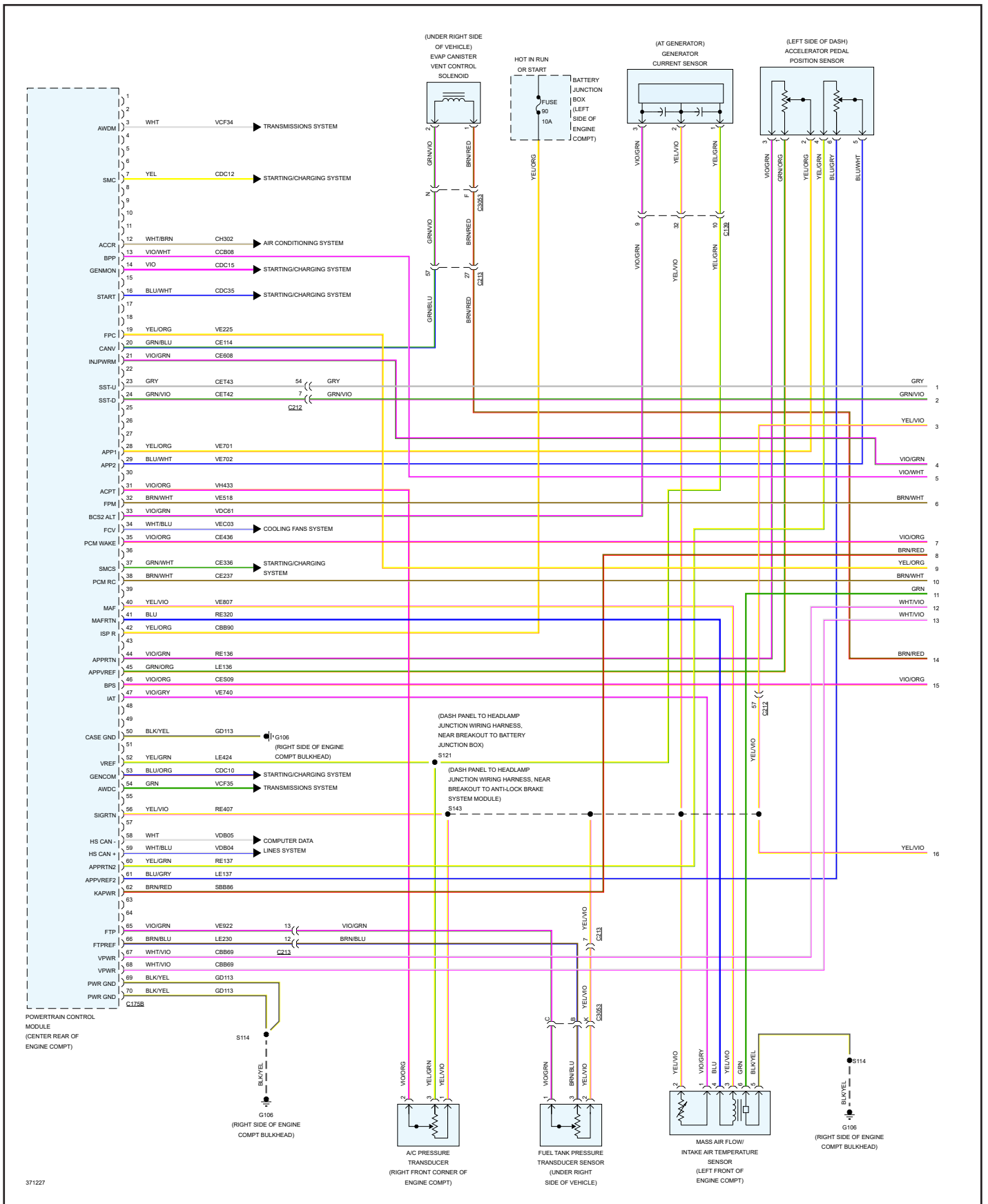
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WARNING SYSTEMS - CHIME CIRCUIT



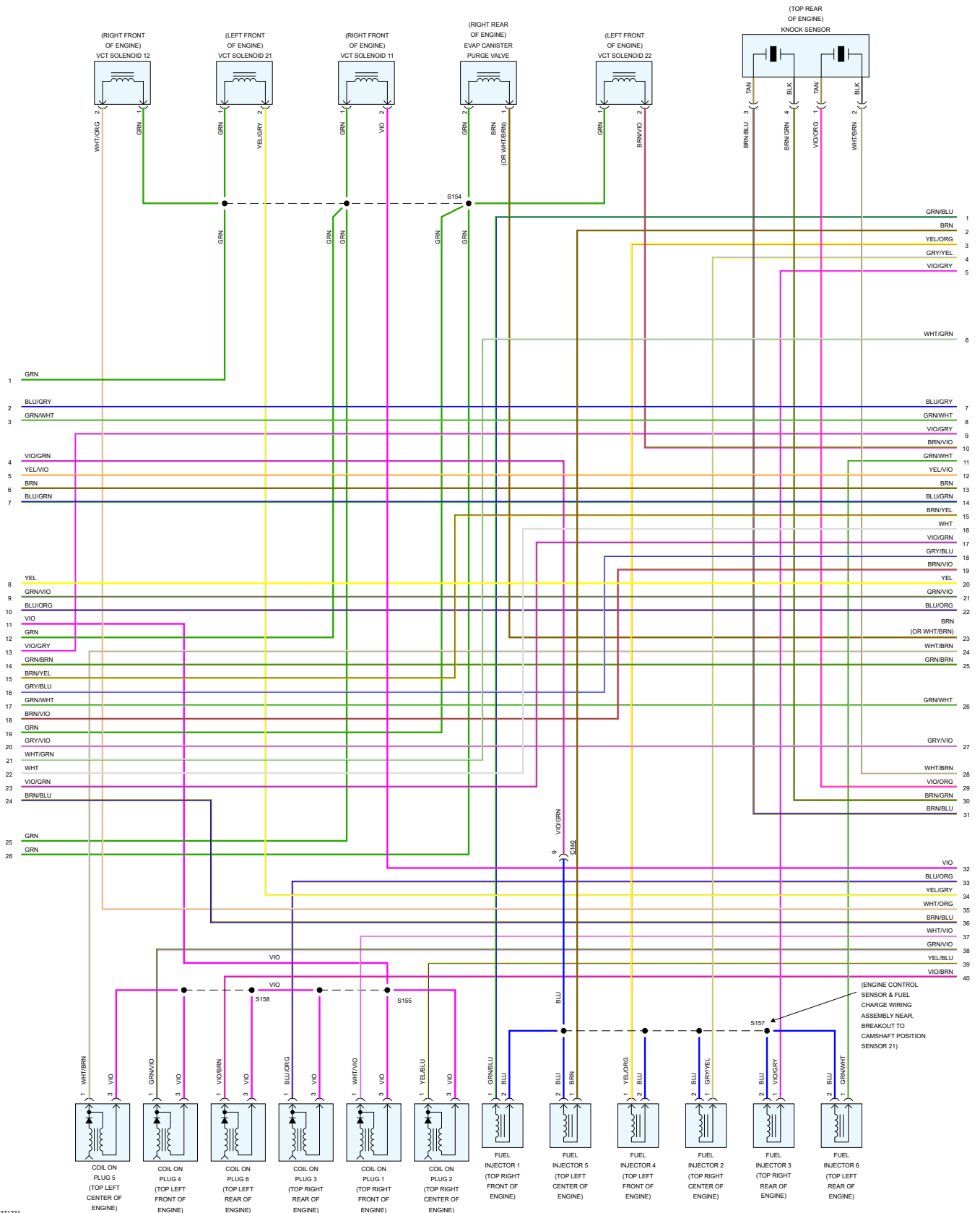
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ENGINE CONTROLS



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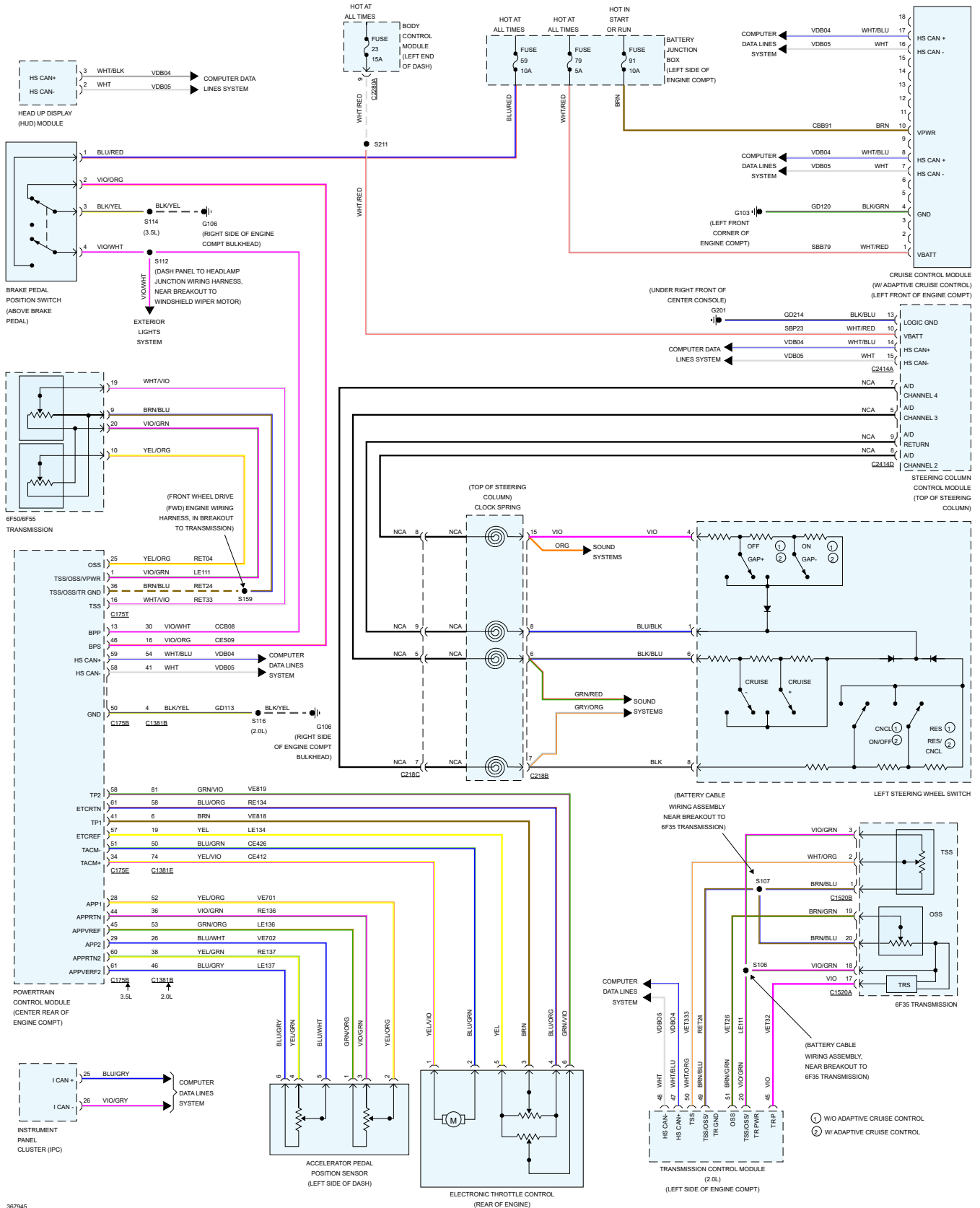
ENGINE CONTROLS



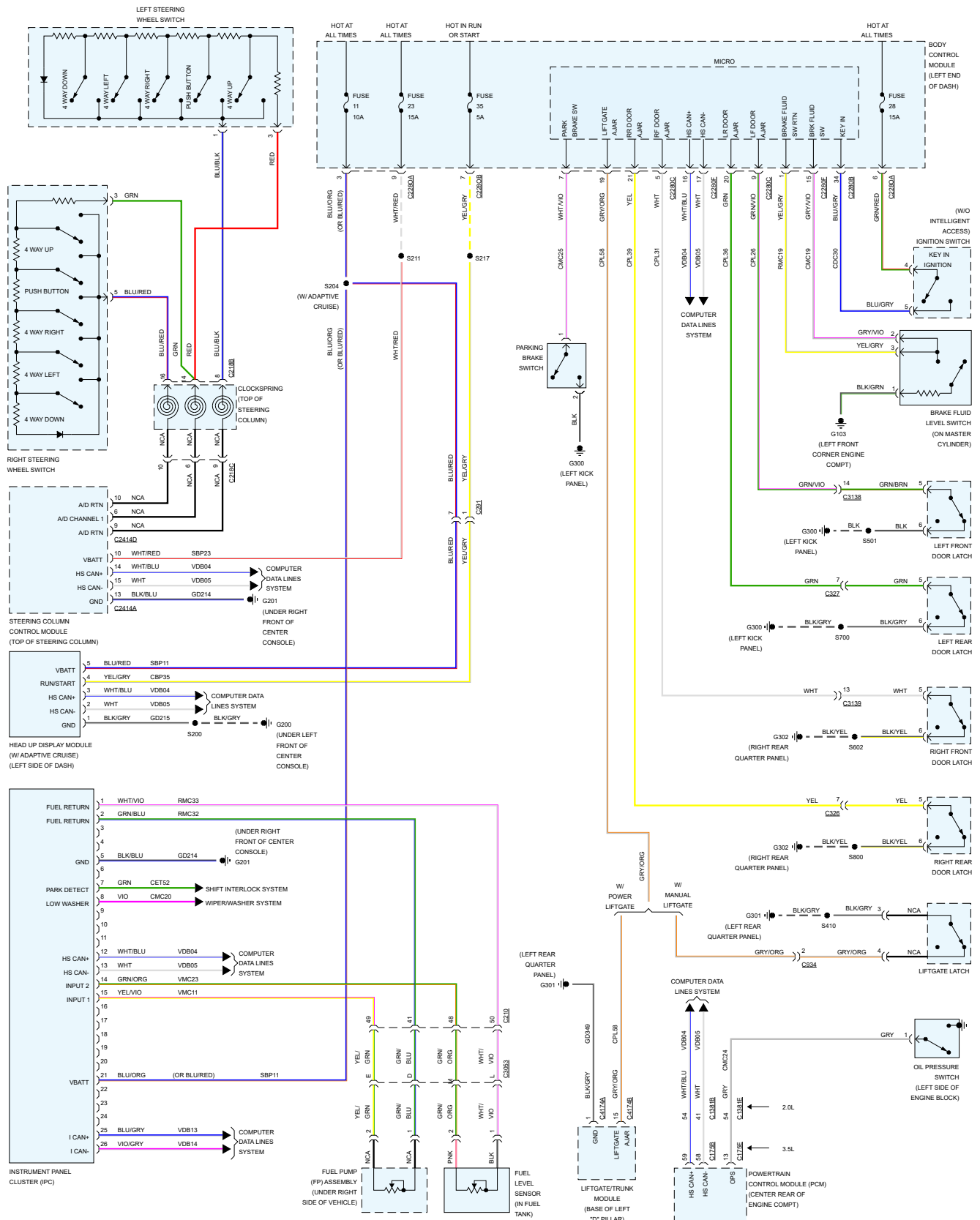
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CRUISE CONTROL

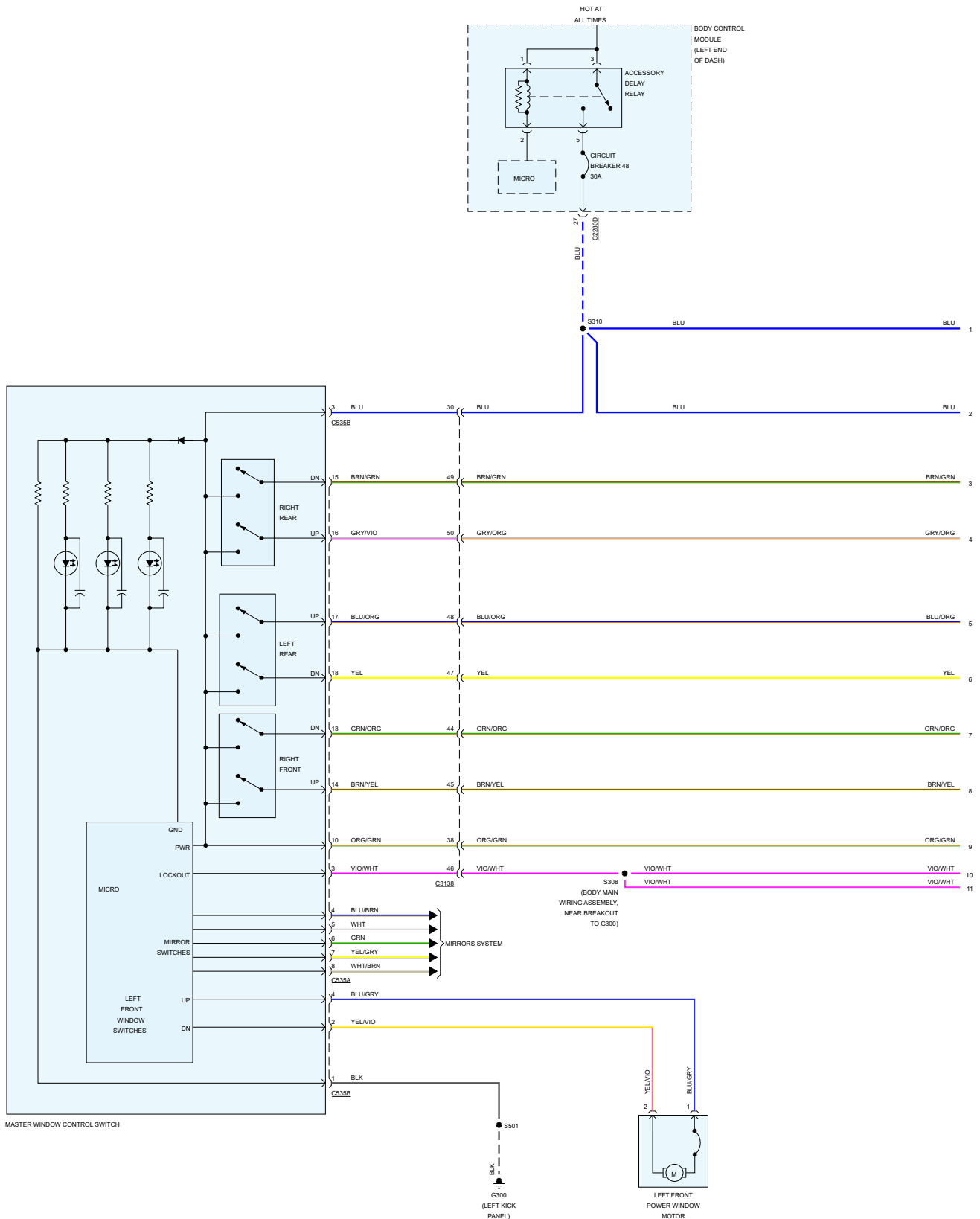


2012 FORD EXPLORER FWD V6-3.5L INSTRUMENT CLUSTER



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POWER WINDOWS - BASE

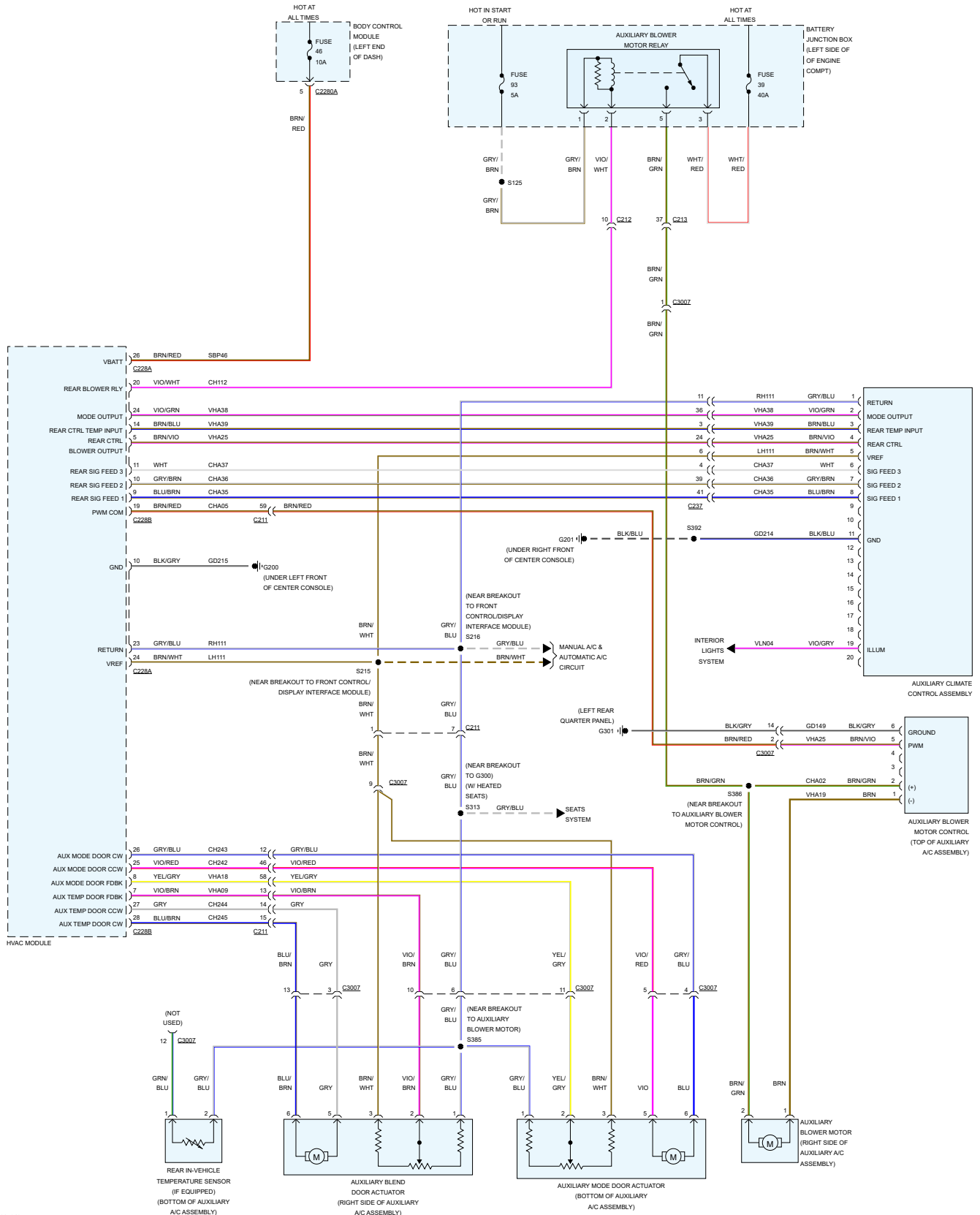


SHIFT INTERLOCK



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AIR CONDITIONING - AUXILIARY BLOWER CIRCUIT



2012 FORD EXPLORER FWD V6-3.5L CAMSHAFT POSITION 11 (CMP11) SENSOR

Connector:	Description	Color	Harness	Base Part #	Service Pigtail
C1366	CAMSHAFT POSITION 11 (CMP11) SENSOR	BK	12C508	part# N/A	See Below



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	RE429 (GY-OG)	22	CTRL MOD. - POWERTRAIN # VARIABLE RELUCTANCE SENSOR (VRSRTN) (CAMSHAFT POSITION)	
2	VE706 (BN)	22	SENSOR - CAMSHAFT POSITION BANK 1 IN+EX / IN (CMP11) [CID-H] (CID1)	

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CRANKSHAFT POSITION (CKP) SENSOR

Connector: C101	Description CRANKSHAFT POSITION (CKP) SENSOR	Color BK	Harness 12C508	Base Part # part# N/A	Service Pigtail See Below
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Pin	Circuit	Gauge	Circuit Function	Qualifier
1	RE135 (GN-BN)	18	CTRL MOD. - POWERTRAIN # CRANKSHAFT POSITION SENSOR (CKP-)	
2	VE711 (YE-VT)	18	SENSOR - CRANKSHAFT POSITION (CKP)	

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KNOCK SENSOR (KS)

Connector:
C109

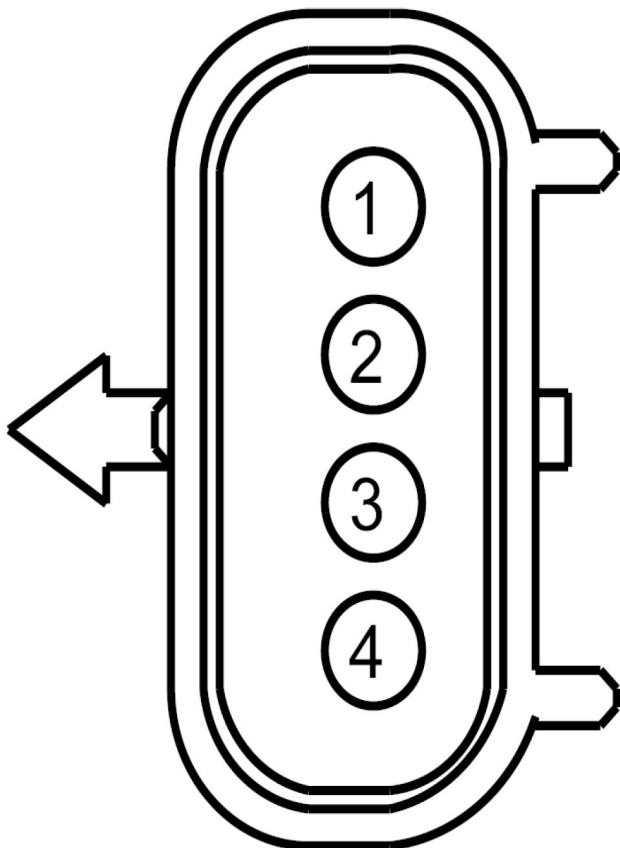
Description
KNOCK SENSOR
(KS)

Color
BK

Harness
12C508

Base Part #
part# N/A

Service Pigtail
Not Available

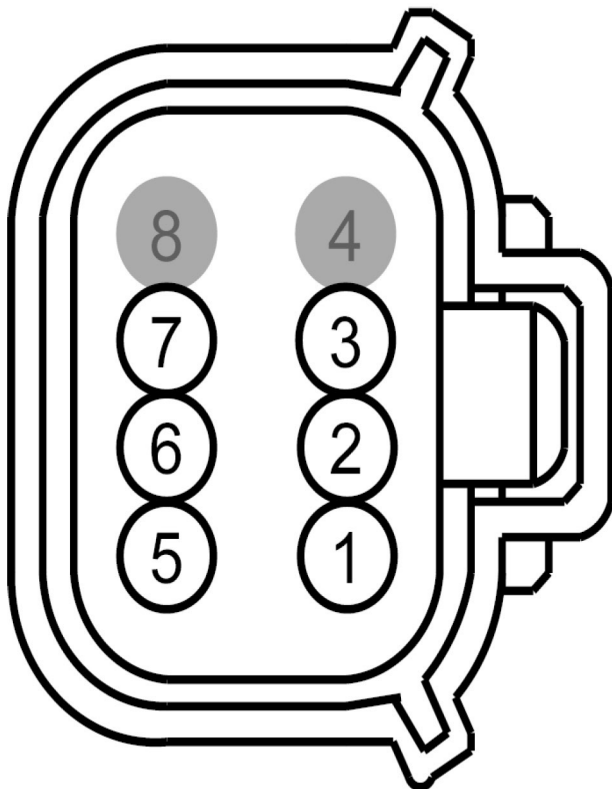


Pin	Circuit	Gauge	Circuit Function	Qualifier
1	VE801 (VT-OG)	22	SENSOR - KNOCK 1ST BANK 1ST OR UNIQUE (KS1+)	
2	RE323 (WH-BN)	22	CTRL MOD. - POWERTRAIN # KNOCK SENSOR 1ST BANK 1ST OR UNIQUE (KS1-)	
3	VE802 (BN-BU)	22	SENSOR - KNOCK 2ND (KS2+)	
4	RE324 (BN-GN)	22	CTRL MOD. - POWERTRAIN # KNOCK SENSOR 2ND (KS2-)	

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UNIVERSAL HEATED OXYGEN SENSOR (HO2S) #11

Connector:	Description	Harness	Base Part #	Service Pigtail
C1571	UNIVERSAL HEATED OXYGEN SENSOR (HO2S) #11	12C508	part# N/A	Not Available
	Color			



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	LE451 (BN-YE)	18	CTRL MOD. - POWERTRAIN # UNIVERSAL HEATED OXYGEN PUMPING CURRENT 1ST (UO2SPC11)	
2	CE235 (GN-BN)	18	CTRL MOD. - POWERTRAIN # HEATER OXYGEN SEN. PRE CAT. 1ST OR UNIQUE (UO2SHTR11)	
3	CBK02 (GN)	18	FUSE - 67 OR CIRCUIT BREAKER (VPWR 2)	
4	*	*	Not Used	
5	VE826 (BN-VT)	18	SENSOR - UNIVERSAL HEATED OXYGEN 1ST OR UNIQUE (UO2S11)	
6	LE448 (GY-BU)	18	CTRL MOD. - POWERTRAIN # VOLTAGE REFERENCE UNIVERSAL HEGO 1ST (UO2SGREF11)	
7	LE452 (GN-WH)	18	CTRL MOD. - POWERTRAIN # UNIVERSAL HEATED OXYGEN MEASURED PUMPING CURRENT 1ST (UO2SPCT11)	
8	*	*	Not Used	

2012 FORD EXPLORER FWD V6-3.5L C175E POWERTRAIN CONTROL MODULE (PCM)

	(GY-OG)		VARIABLE RELUCTANCE SENSOR (VRSRTN2) (CAMSHAFT POSITION)
29	VE740 (VT-GY)	20	SENSOR - AMBIENT TEMP.
30	*	*	Not Used
31	VET27 (BN-YE)	20	SENSOR - TRANSMISSION FLUID TEMPERATURE (TFT)
32	CE113 (BN)	20	CTRL MOD. - POWERTRAIN # CANISTER PURGE VALVE (EVAPCP)
33	CE307 (WH-BN)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG ASSEMBLY 5 (COP5D)
34	CE412 (YE-VT)	22	CTRL MOD. - POWERTRAIN # THROTTLE ACTUATOR CONTROL MOTOR (TACM+)
35	*	*	Not Used
36	*	*	Not Used
37	LE452 (GN-WH)	18	CTRL MOD. - POWERTRAIN # UNIVERSAL HEATED OXYGEN MEASURED PUMPING CURRENT 1ST (UO2SPCT11)
38	*	*	Not Used
39	VE712 (BU-GY)	20	SENSOR - CYLINDER HEAD TEMPERATURE (CHT)
40	*	*	Not Used
41	VE818 (BN)	22	SENSOR - THROTTLE POSITION # NEGATIVE SLOPE (TP1)
42	RE323 (WH-BN)	22	CTRL MOD. - POWERTRAIN # KNOCK SENSOR 1ST BANK 1ST OR UNIQUE (KS1-)
43	VE801 (VT-OG)	22	SENSOR - KNOCK 1ST BANK 1ST OR UNIQUE (KS1+)
44	RE429 (GY-OG)	20	CTRL MOD. - POWERTRAIN # VARIABLE RELUCTANCE SENSOR (VRSRTN) (CAMSHAFT POSITION)
45	VE706 (BN)	22	SENSOR - CAMSHAFT POSITION BANK 1 IN+EX / IN (CMP11) [CID-H] (CID1)
46	VE707 (VT)	22	SENSOR - CAMSHAFT POSITION BANK 2 IN+EX / IN (CMP21) [CID-H] (CID2)
47	VE706 (BN-BU)	22	SENSOR - CAMSHAFT POSITION BANK 1 IN+EX / IN (CMP12) [CID-H] (CID1)
48	VE707 (GN-VT)	22	SENSOR - CAMSHAFT POSITION BANK 2 IN+EX / IN (CMP22) [CID-H] (CID2)
49	RE405 (GN-WH)	18	CTRL MOD. - POWERTRAIN # SIGNAL RETURN ENGINE (SIGRTN)
50	CE305 (BU-OG)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG ASSEMBLY 3 (COP3E)
51	CE426 (BU-GN)	22	CTRL MOD. - POWERTRAIN # THROTTLE ACTUATOR CONTROL MOTOR (TACM-)
52	CE422 (WH-OG)	20	CTRL MOD. - POWERTRAIN # VARIABLE CAMSHAFT TIMING 12 (VCT12) SOLENOID
53	LE453 (BN-BU)	18	CTRL MOD. - POWERTRAIN # UNIVERSAL HEATED OXYGEN MEASURED 2ND (UO2SPCT21)
54	CE303 (WH-VT)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG

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C1381E POWERTRAIN CONTROL MODULE (PCM)

94	CE304 (YE-BU)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG ASSEMBLY 2 (COP2D)
95	VE824 (YE-GN)	20	SENSOR - BOOST PRESSURE
96	CEC01 (WH-BU)	20	CTRL MOD. - COOLING FAN CONTROL HIGH (FC)