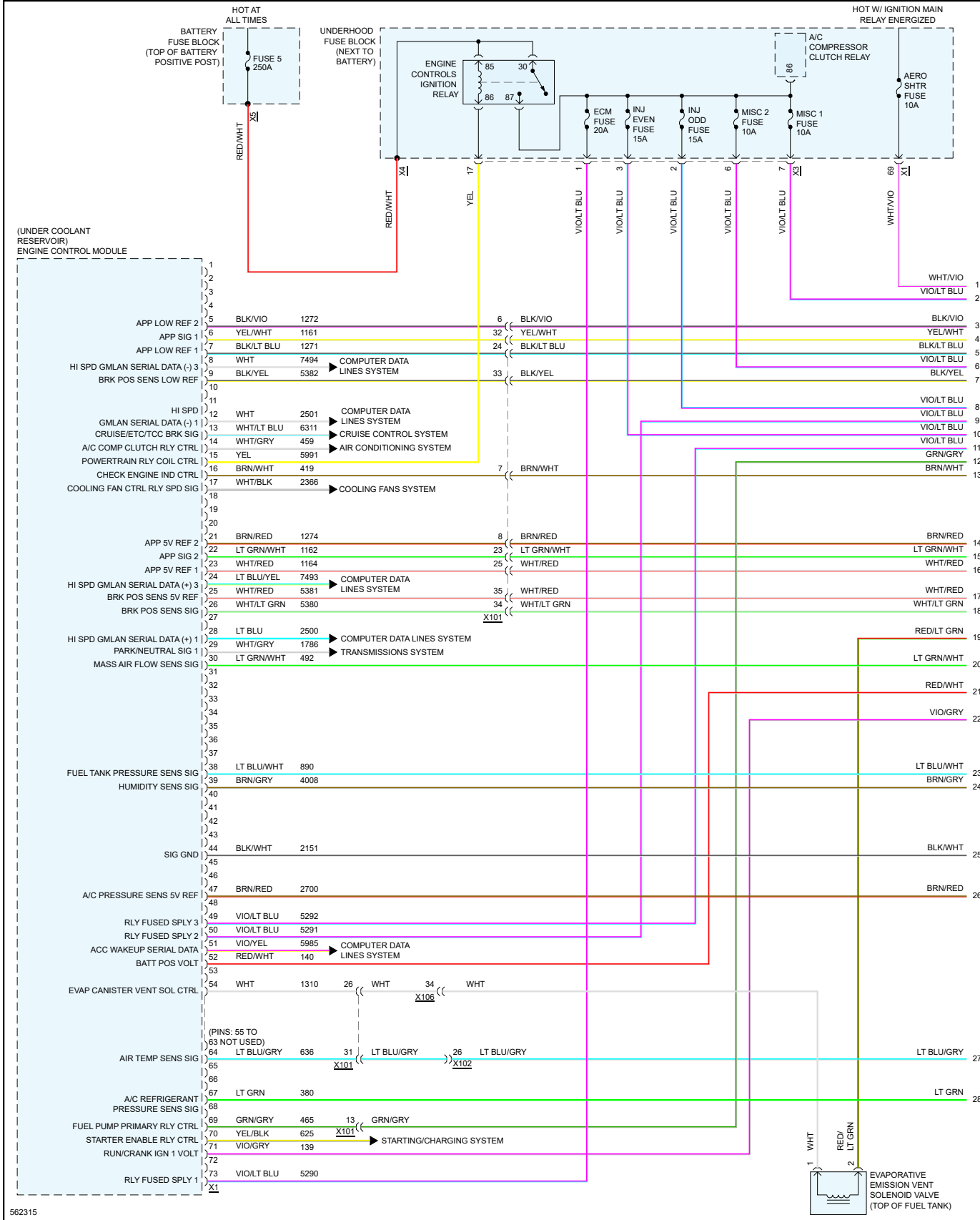


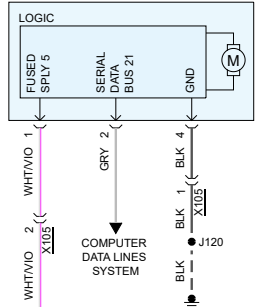
## ENGINE CONTROLS

### Engine Controls

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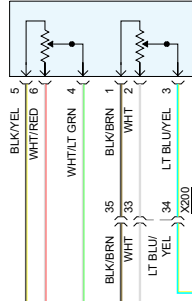
(BEHIND UPPER GRILLE)  
ACTIVE GRILLE AIR  
SHUTTER ACTUATOR



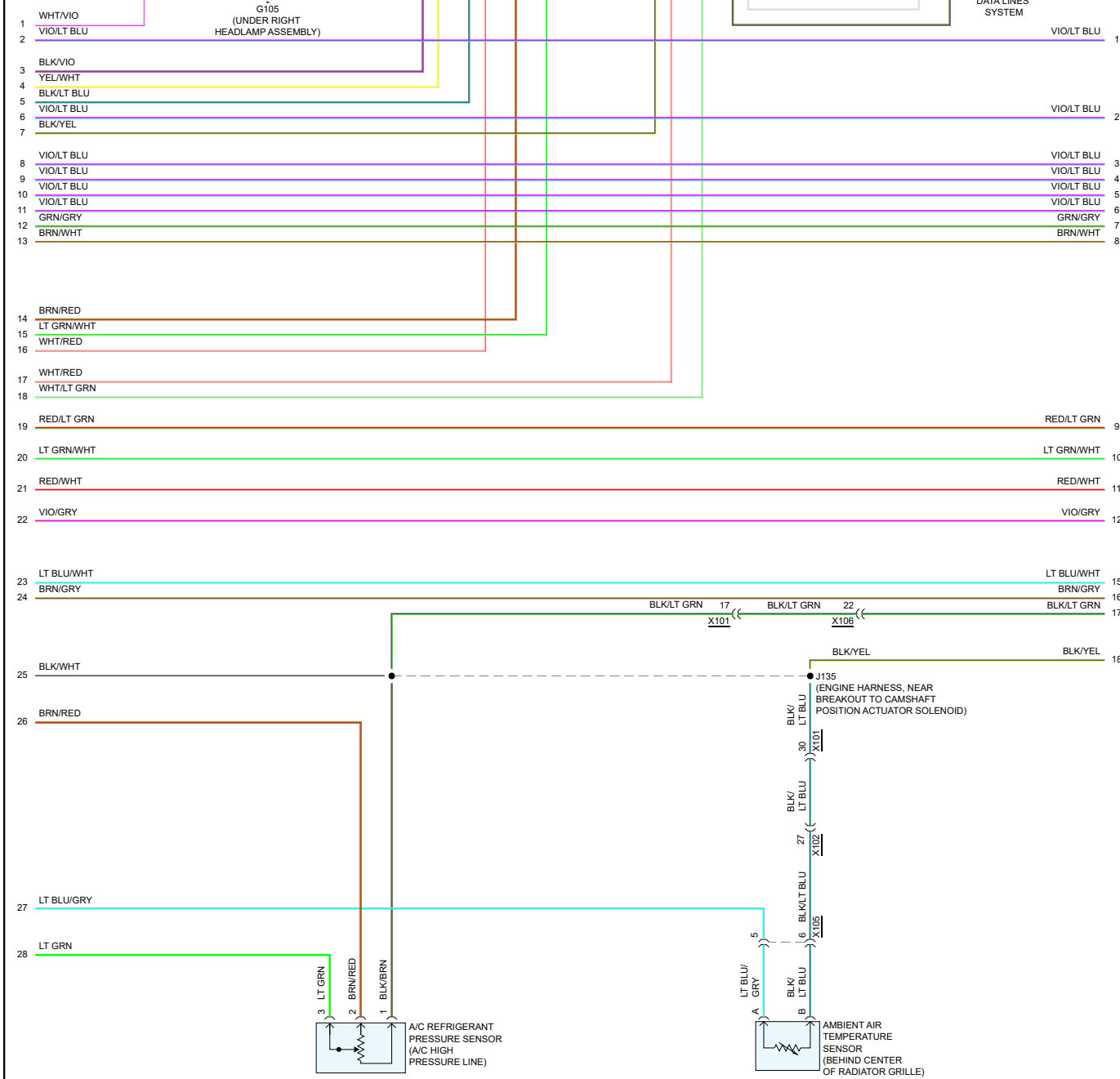
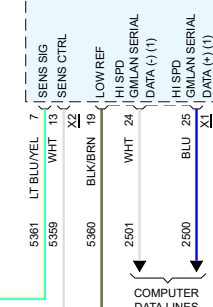
(ACCELERATOR  
PEDAL BRACKET)  
ACCELERATOR PEDAL  
POSITION SENSOR



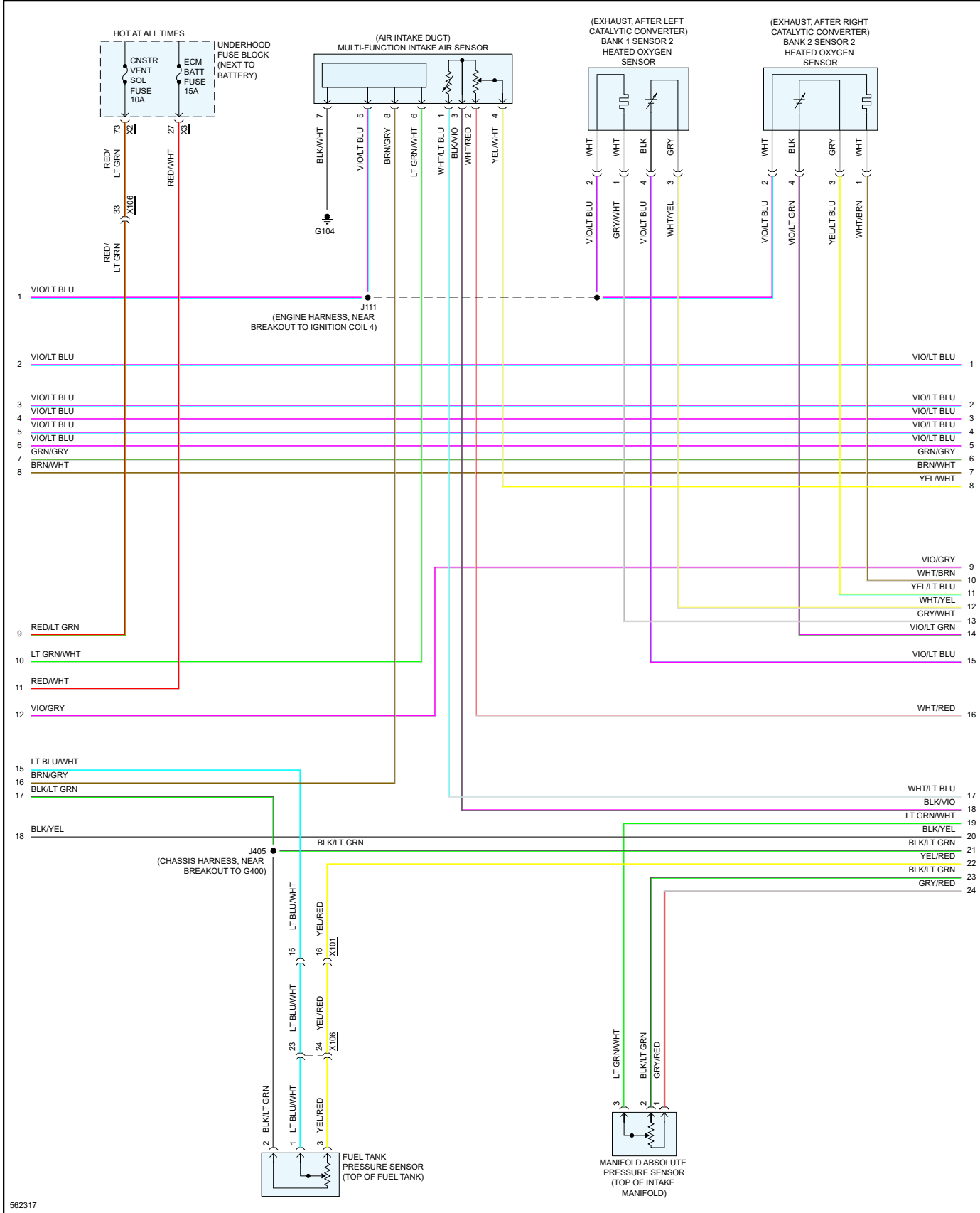
(ABOVE BRAKE  
PEDAL ASSEMBLY)  
BRAKE PEDAL  
POSITION SENSOR



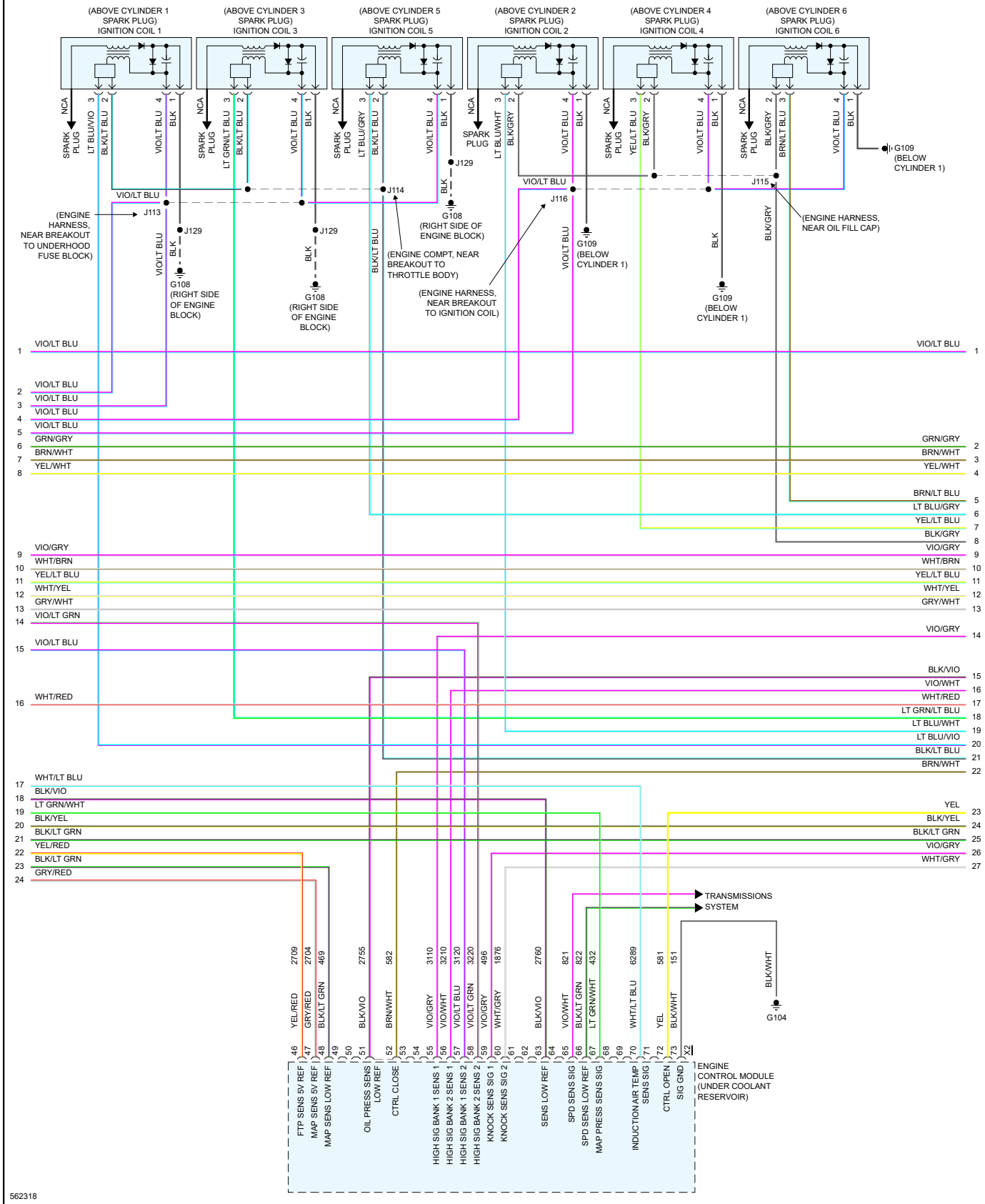
(LEFT SIDE OF DASH)  
BODY CONTROL MODULE



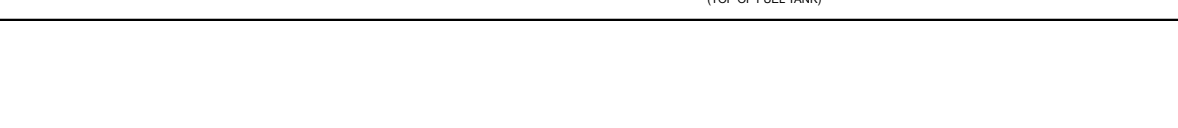
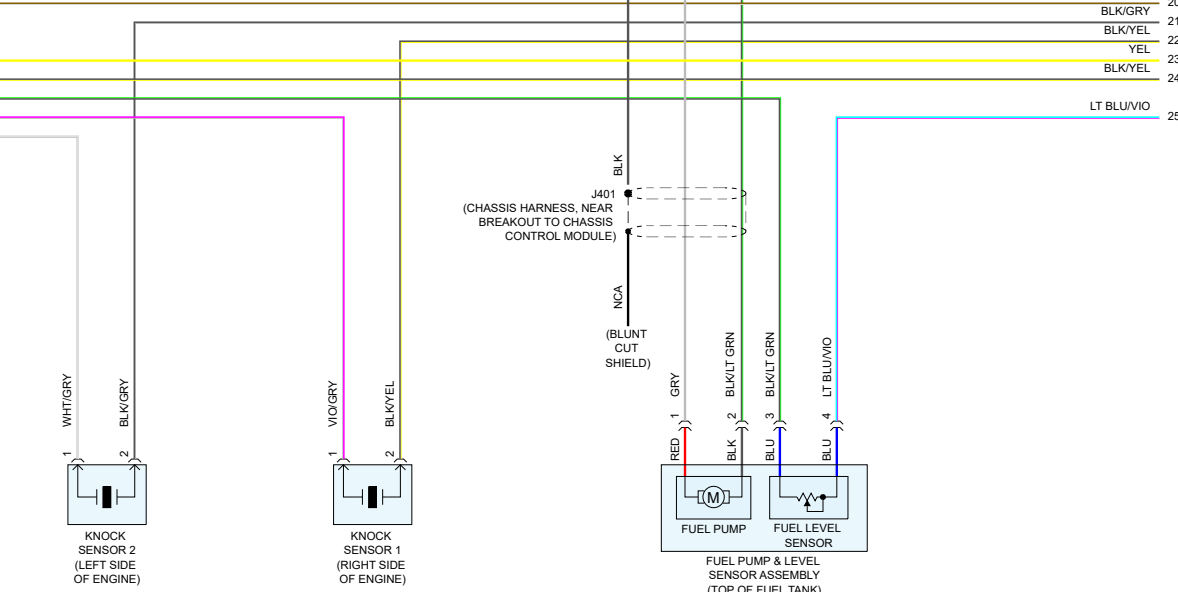
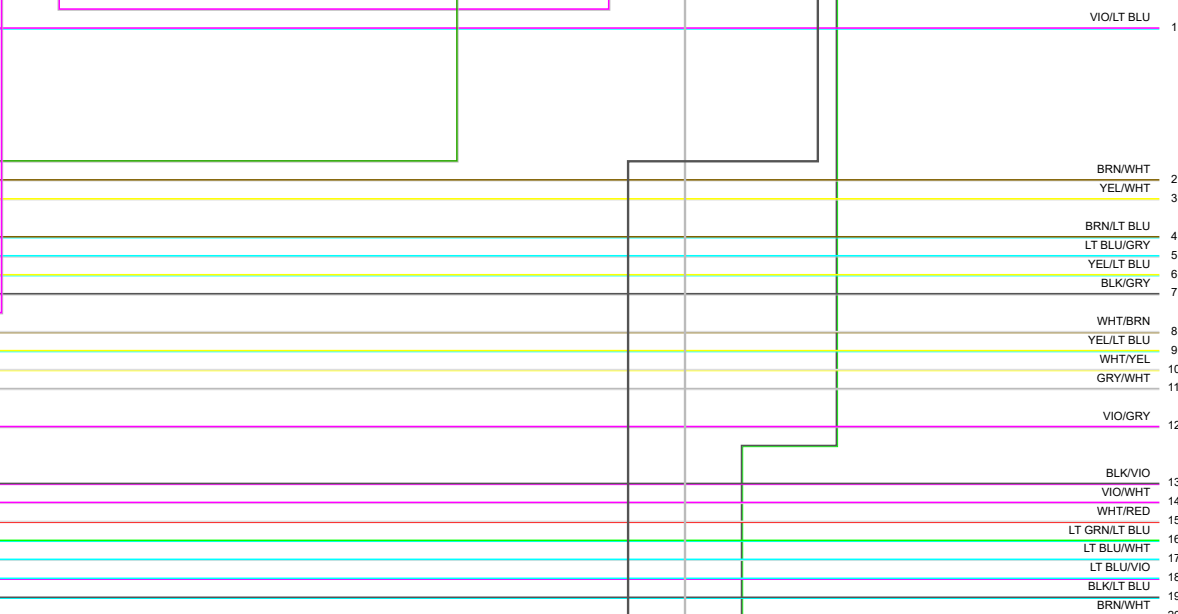
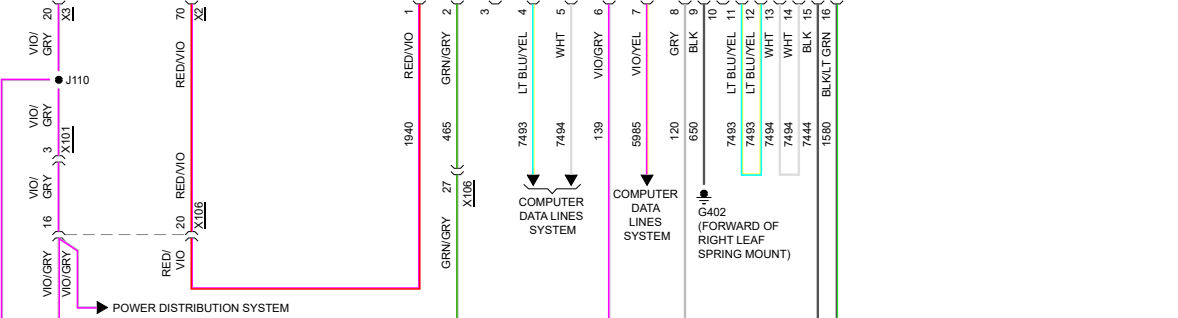
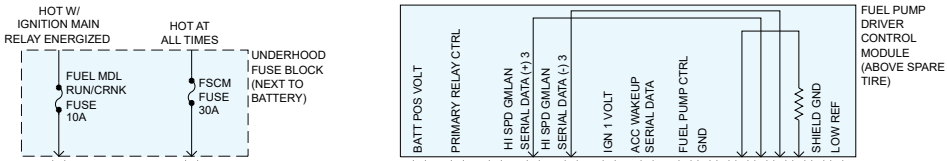
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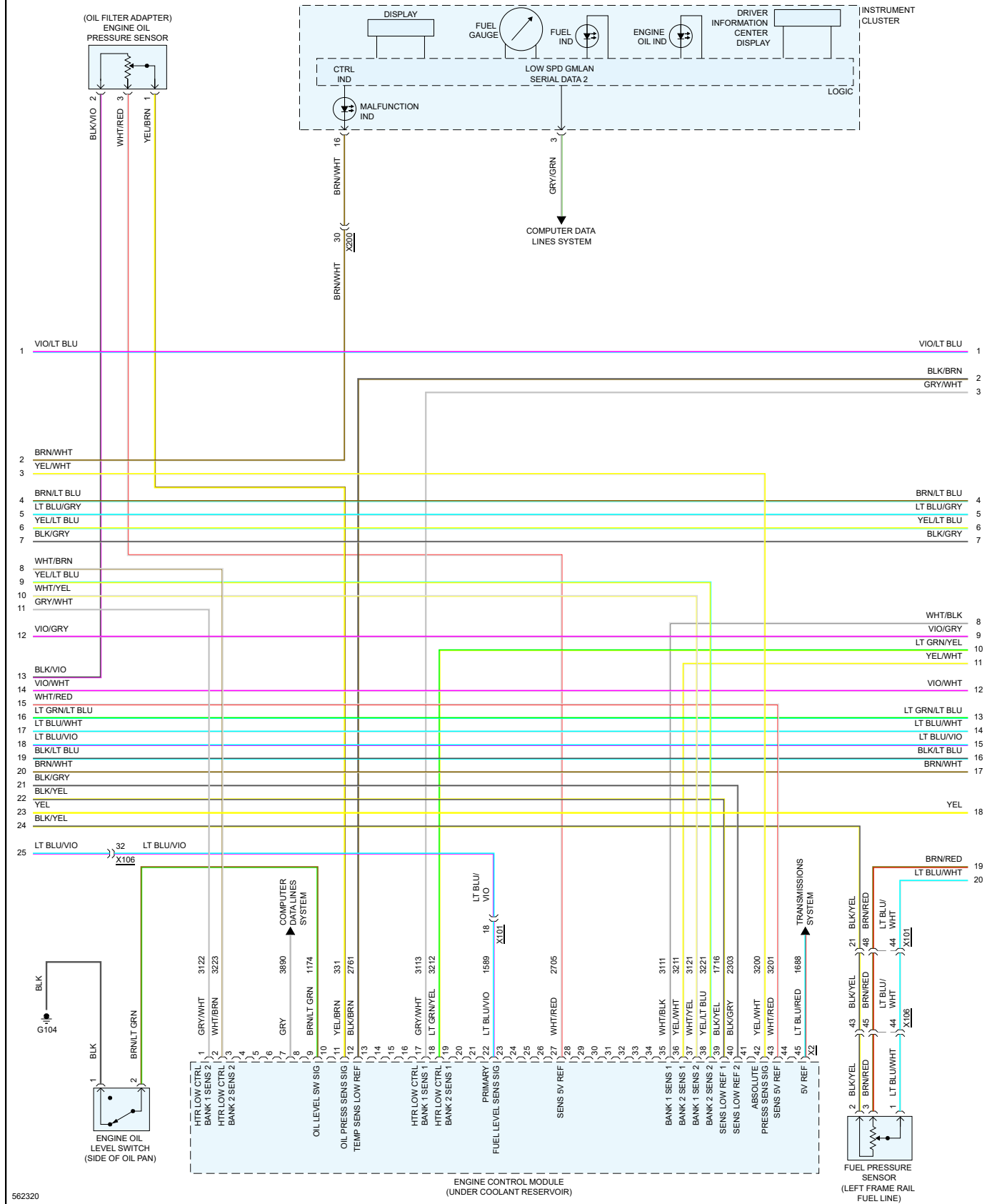


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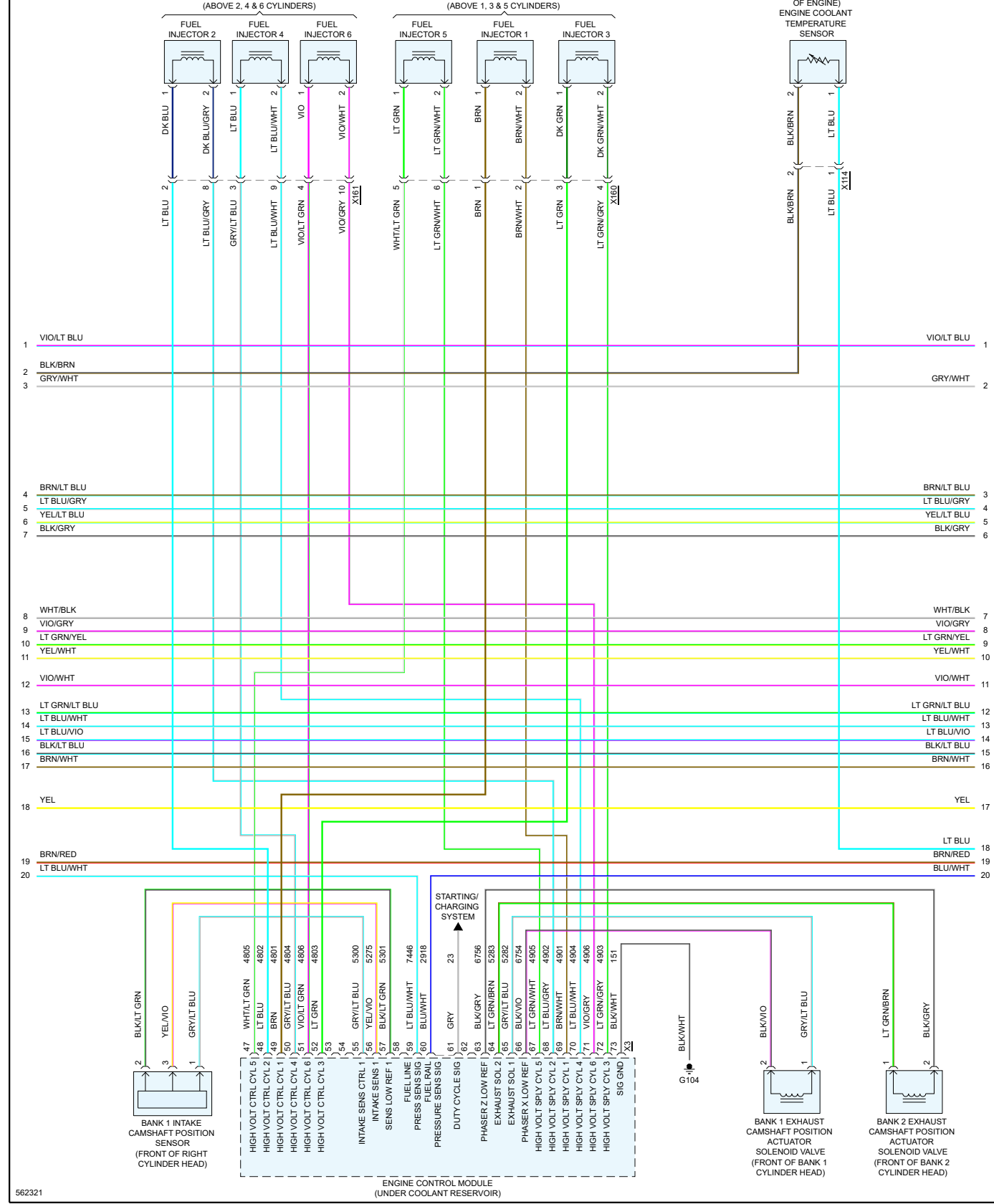


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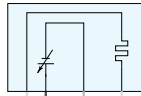


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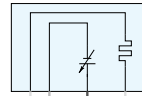
(EXHAUST, BEFORE LEFT CATALYTIC CONVERTER)  
BANK 1 SENSOR 1  
HEATED OXYGEN SENSOR



WHT  
BLK  
GRY  
WHT  
VIO/LT BLU

GRY/WHT 1  
VIO/GRY 4  
WHT/BLK 3  
VIO/LT BLU 2

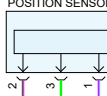
(EXHAUST, BEFORE RIGHT CATALYTIC CONVERTER)  
BANK 2 SENSOR 1  
HEATED OXYGEN SENSOR



WHT  
GRY  
BLK  
WHT  
VIO/LT BLU

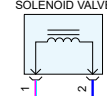
LT GRN/YEL 1  
YEL/WHT 3  
VIO/WHT 4  
VIO/LT BLU 2

(REAR OF ENGINE BLOCK)  
CRANKSHAFT  
POSITION SENSOR



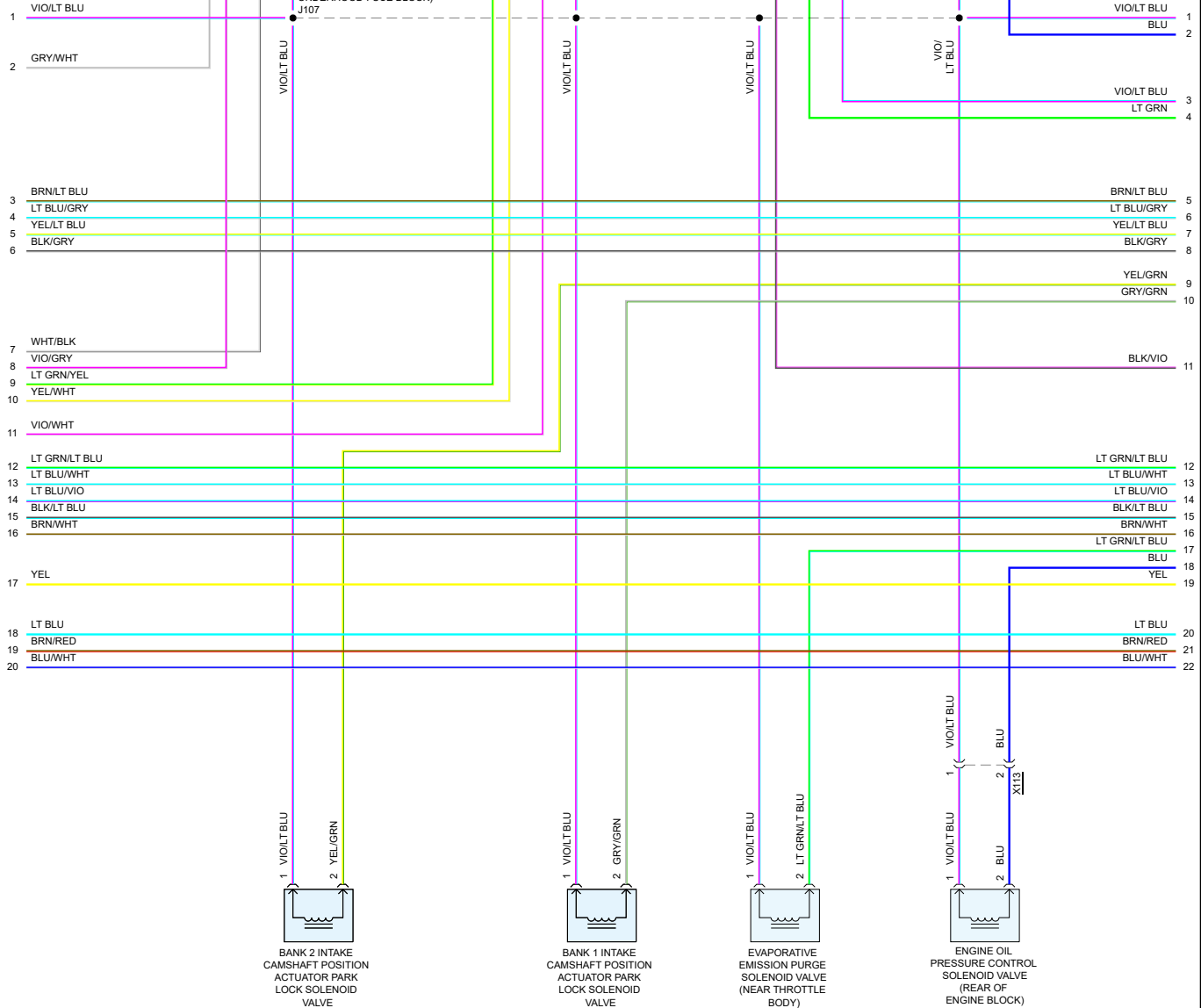
BLK/VIO 2  
LT GRN 3  
VIO/LT BLU 1

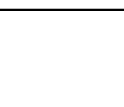
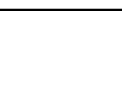
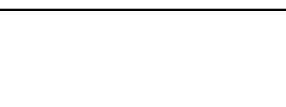
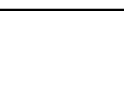
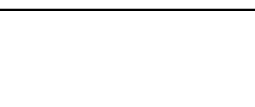
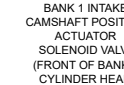
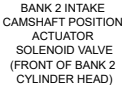
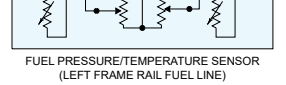
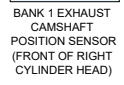
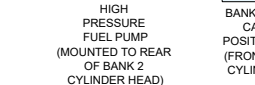
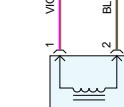
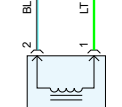
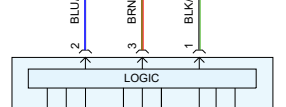
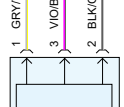
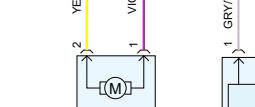
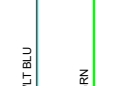
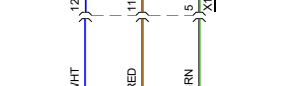
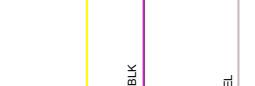
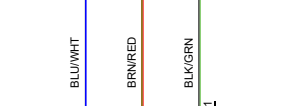
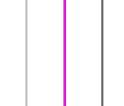
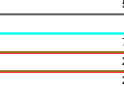
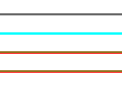
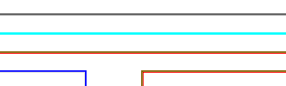
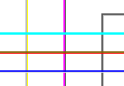
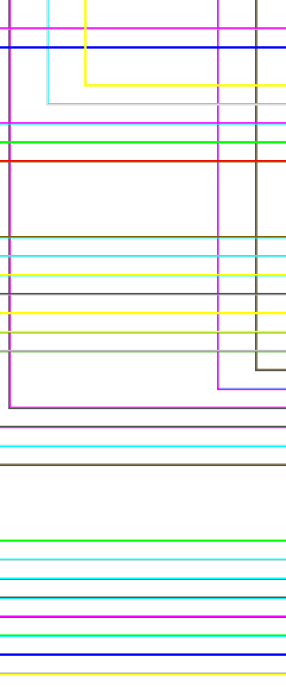
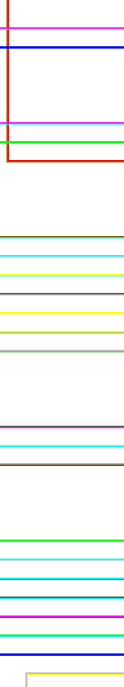
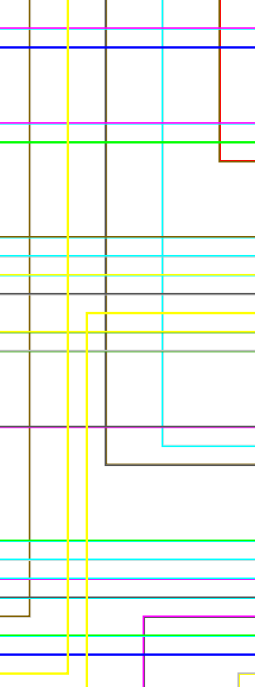
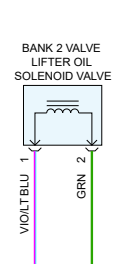
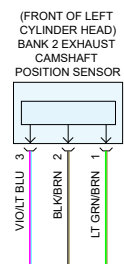
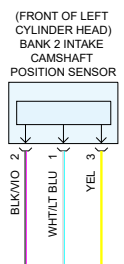
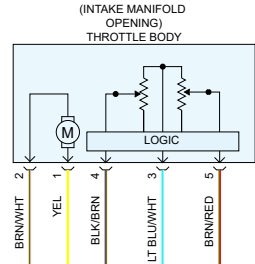
BANK 1 VALVE  
LIFTER OIL  
SOLENOID VALVE



VIO/LT BLU 1  
BLU 2

(ENGINE HARNESS, NEAR BREAKOUT TO UNDERHOOD FUSE BLOCK)  
J107





5492	GRN	1	SOL CTRL 2
5491	BLU	2	SOL CTRL 1
5298	LT GRN/BRN	3	EXHAUST SENS CTRL 2
5276	YEL	4	INTAKE SENS 2
5302	WHT/LT BLU	5	INTAKE SENS CTRL 2
6270	VIO/LT BLU	6	SENS 5V REF
6271	LT GRN	7	60X SENS SIG
2701	BRN/RED	8	TP SENS 5V REF
		9	
		10	
		11	
2126	BRN/LT BLU	12	IGN CTRL 6
2125	LT BLU/GRY	13	IGN CTRL 5
2124	YEL/LT BLU	14	IGN CTRL 4
2130	BLK/GRY	15	LOW REF BANK 2
7301	YEL	16	HIGH CTRL
4321	YEL/GRN	17	LOCK CTRL
587	GRY/GRN	18	SKIP/SHIFT SOL CTRL
5299	BLK/BRN	19	SENS LOW REF 2
5274	VIO/LT BLU	20	EXHAUST SENS 2
5303	BLK/VIO	21	CMP SENS LOW REF 2
6272	BLK/VIO	22	60X SENS LOW REF
3630	LT BLU/WHT	23	SENS (SENT1) SIG
2752	BLK/BRN	24	TP SENS LOW REF
		25	
		26	GEN TURN ON SIG
225	LT BLU/WHT	27	
2123	LT GRN/LT BLU	28	IGN CTRL 3
2122	LT BLU/WHT	29	IGN CTRL 2
2121	LT BLU/VIO	30	IGN CTRL 1
2129	BLK/LT BLU	31	LOW REF BANK 1
7300	VIO/BLK	32	LOW CTRL
428	LT GRN/LT BLU	33	PURGE SOL CTRL
197	BLU	34	COMMAND SIG
5297	GRY/YEL	35	EXHAUST SENS CTRL 1
5273	VIO/BLK	36	EXHAUST SENS 1
5296	BLK/GRY	37	SENS LOW REF 1
410	LT BLU	38	TEMP SENS SIG
7445	BRN/RED	39	PRESS SENS 5V REF
2917	BRN/RED	40	RAIL PRESS 5V REF
2919	BLK/GRN	41	SENS LOW REF
		42	
6755	BLK/LT BLU	43	PHASER Y LOW REF
5272	LT GRN	44	INTAKE SOL 2
5284	VIO/BRN	45	INTAKE SOL 1
6753	BLK/BRN	46	PHASER W LOW REF
		X3	

ENGINE CONTROL MODULE (UNDER COOLANT RESERVOIR)