ABOUT THIS MANUAL

Wiring and Circuit Diagrams

The diagrams either show entire systems or specific circuits. The circuit specific diagrams only show the components and wiring in the system(s) listed in the diagram title. Always refer to the diagram title for diagram type.

Troubleshooting

Once a problem has been isolated to a specific system or circuit, the circuit specific diagrams will simplify locating the problem.

NOTE

Harness part numbers may be included on some wiring diagrams. Use these numbers for reference purposes only. ALWAYS REFER TO THE PARTS CATALOG WHEN ORDERING WIRE HARNESSES.

2015 Harley-Davidson Dyna Models Service Manual (99481-15)

Front Lighting and Hand Controls: 2015 Dyna....1
Main Harness 1 of 3 (except FXDL): 2015 Dyna....2
Main Harness 2 of 3 (FXDL): 2015 Dyna....3
Main Harness 3 of 3: 2015 Dyna....4
Rear Lighting: 2015 Dyna....5

2015 Harley-Davidson Softail Models Service Manual (99482-15)

Front Lighting and Hand Controls: 2015 Softail....7
Main Harness 1 of 2: 2015 Softail (Except FXSB and FLS)....8
Main Harness 2 of 2: 2015 Softail (Except FXSB and FLS)....9
Main Harness 1 of 3: 2015 Softail (FXSB)....10
Main Harness 2 of 3: 2015 Softail (FXSB and FLS)....11
Main Harness 3 of 3: 2015 Softail (FXSB and FLS)....12
Rear Lighting: 2015 Softail....13

2015 Harley-Davidson Touring Models Service Manual (99483-15)

Ignition and ACC FLH: 2015 Touring....15
Ignition and ACC FLT: 2015 Touring....16
Sensor Grounds FLH: 2015 Touring....17
Sensor Grounds FLT: 2015 Touring....18
Ground Circuit FLH: 2015 Touring....19
Ground Circuit FLT: 2015 Touring....20
Front Lighting and Hand Controls: 2015 Touring....21
Fairing Harness FLH: 2015 Touring....22
Fairing Harness FLT: 2015 Touring....23
Main Harness FLH (1 of 3): 2015 Touring (With Fairing)....24
Main Harness FLH (2 of 3): 2015 Touring (With Fairing)....25
Main Harness FLH (3 of 3): 2015 Touring (With Fairing)....26
Main Harness FLT (1 of 3): 2015 Touring....27
Main Harness FLT (2 of 3): 2015 Touring....28
Main Harness FLT (3 of 3): 2015 Touring....29
Main Harness (1 of 3): 2015 Touring (Without Fairing)....30
Main Harness (2 of 3): 2015 Touring (Without Fairing)....31
Main Harness (3 of 3): 2015 Touring (Without Fairing)....32
Rear Lighting: 2015 Touring....33
OE Radio: 2015 Touring (Except FLHX/S, FLT)....34
OE Radio: 2015 Touring (FLHX/S)....35
OE Radio: 2015 Touring (FLT)....36
P&A Radio w/1 Amp: 2015 Touring....37
P&A Radio w/2 Amps (1 of 2): 2015 Touring....38
P&A Radio w/2 Amps (2 of 2): 2015 Touring....39

2015 Harley-Davidson Sportster Models Service Manual (99484-15)

Front Lighting and Hand Controls: 2015 Sportster....41
Main Harness 1 of 2: 2015 Sportster....42
Main Harness 2 of 2: 2015 Sportster....43
Rear Lighting: 2015 Sportster....44

2015 Harley-Davidson V-Rod Models Service Manual (99501-15)

Front Lighting and Hand Controls: 2015 V-Rod....45
Main Harness (1 of 2): 2015 V-Rod....46
Main Harness (2 of 2): 2015 V-Rod....47
Rear Lighting: 2015 V-Rod....48

2015 Harley-Davidson Street Models Service Manual (99611-15B)

Lighting and Hand Controls: 2015 Street....49
Main Harness (1 of 2): 2015 Street....50
Main Harness (2 of 2): 2015 Street....51

2015 Harley-Davidson Trike Models Service Manual Supplement (99601-15)

Front Lighting and Hand Controls: 2015 Trike Models....53
Fairing Harness FLHTCUTG: 2015 Trike Model....54
Main Harness FLHTCUTG (1 of 3): 2015 Trike Model....55
Main Harness FLHTCUTG (2 of 3): 2015 Trike Model....56
Main Harness FLHTCUTG (3 of 3): 2015 Trike Model....57
Main Harness FLRT (1 of 3): 2015 Trike Model....58
Main Harness FLRT (2 of 3): 2015 Trike Model....59
Main Harness FLRT (3 of 3): 2015 Trike Model....60
Rear Lighting: 2015 Trike Models....61
Radio: 2015 Trike Models....62
Reverse FLHTCUTG: 2015 Trike Model....63
Reverse FLRT: 2015 Trike Model....64

2015 Harley-Davidson Police Models Service Manual Supplement (99855-15)

Front Lighting and Hand Controls: 2015 Police....65
Fairing Harness: 2015 FLHTP....66
Main Harness (1 of 3): 2015 FLHTP....67
Main Harness (2 of 3): 2015 FLHTP....68
Main Harness (3 of 3): 2015 FLHTP....69
Main Harness (1 of 3): 2015 FLHP....70
Main Harness (2 of 3): 2015 FLHP....71
Main Harness (3 of 3): 2015 FLHP....72
Rear Lighting: 2015 Police....73

2015 Harley-Davidson FLTRUSE Model Service Manual Supplement (99494-15)

Front Lighting and Hand Controls: 2015 FLTRUSE....75
Fairing Harness: 2015 FLTRUSE....76
Main Harness (1 of 4): 2015 FLTRUSE....77
Main Harness (2 of 4): 2015 FLTRUSE....78
Main Harness (3 of 4): 2015 FLTRUSE....79
Main Harness (4 of 4): 2015 FLTRUSE....80
Rear Lighting: 2015 FLTRUSE....81
Radio: 2015 FLTRUSE....82

2015 Harley-Davidson FLHTKSE Model Service Manual Supplement (99500-15)

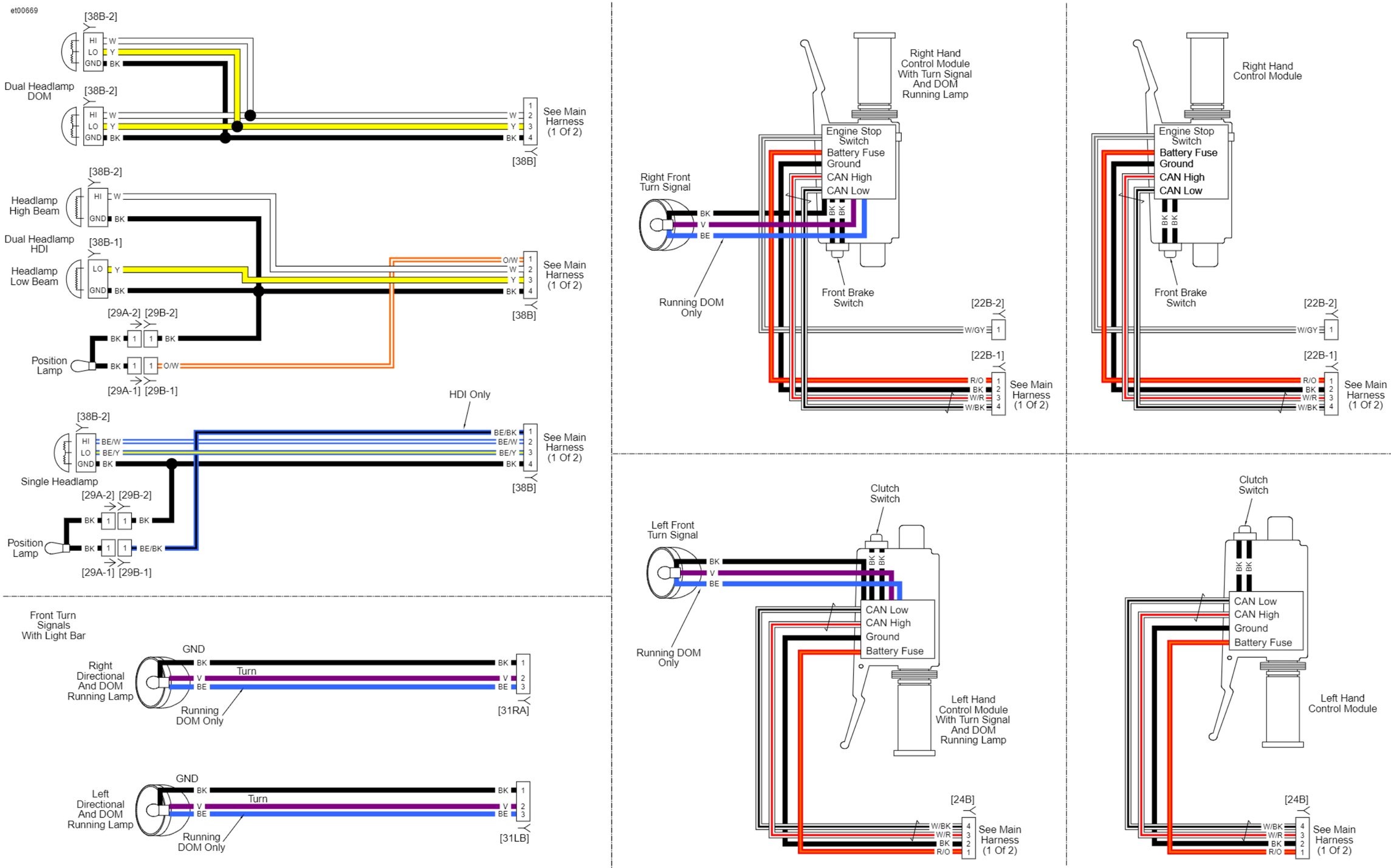
Front Lighting and Hand Controls: 2015 FLHTKSE....83
Fairing Harness: 2015 FLHTKSE....84
Main Harness (1 of 4): 2015 FLHTKSE....85
Main Harness (2 of 4): 2015 FLHTKSE....86
Main Harness (3 of 4): 2015 FLHTKSE....87
Main Harness (4 of 4): 2015 FLHTKSE....88
Rear Lighting: 2015 FLHTKSE....89
Radio: 2015 FLHTKSE....90

2015 Harley-Davidson FLSTNSE Model Service Manual Supplement (99525-15)

Lighting and Hand Controls: 2015 FLSTNSE....91
Main Wiring Harness (1 of 2): 2015 FLSTNSE....92
Main Wiring Harness (2 of 2): 2015 FLSTNSE....93
Rear Lighting: 2015 FLSTNSE....94

2015 Harley-Davidson FLHXSE Model Service Manual Supplement (99600-15)

Front Lighting and Hand Controls: 2015 FLHXSE....95
Fairing Harness: 2015 FLHXSE....96
Main Harness (1 of 4): 2015 FLHXSE....97
Main Harness (2 of 4): 2015 FLHXSE....98
Main Harness (3 of 4): 2015 FLHXSE....99
Main Harness (4 of 4): 2015 FLHXSE....100
Rear Lighting: 2015 FLHXSE....101
Radio (1 of 2): 2015 FLHXSE....102
Radio (2 of 2): 2015 FLHXSE....103



Front Lighting and Hand Controls: 2015 Dyna

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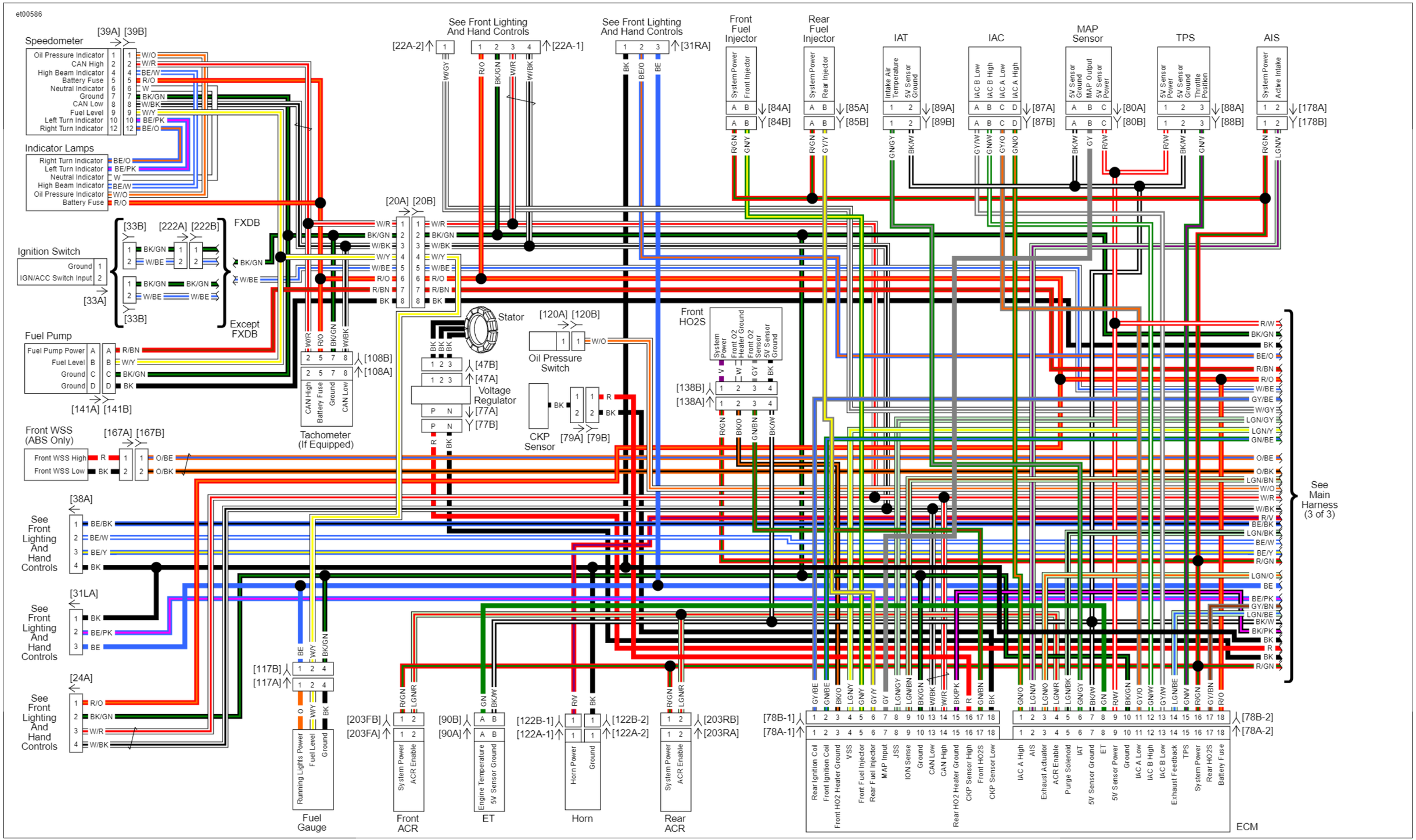
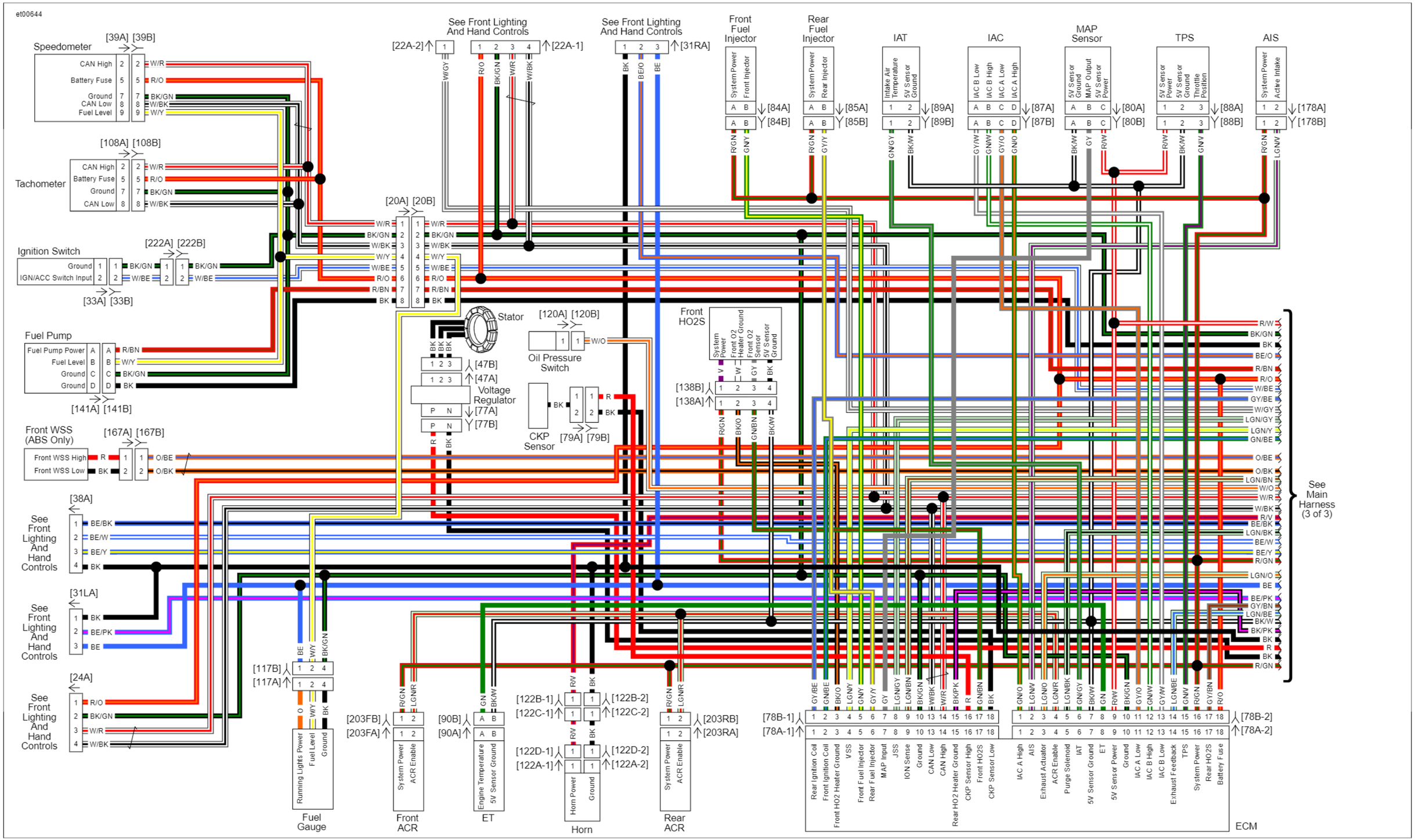
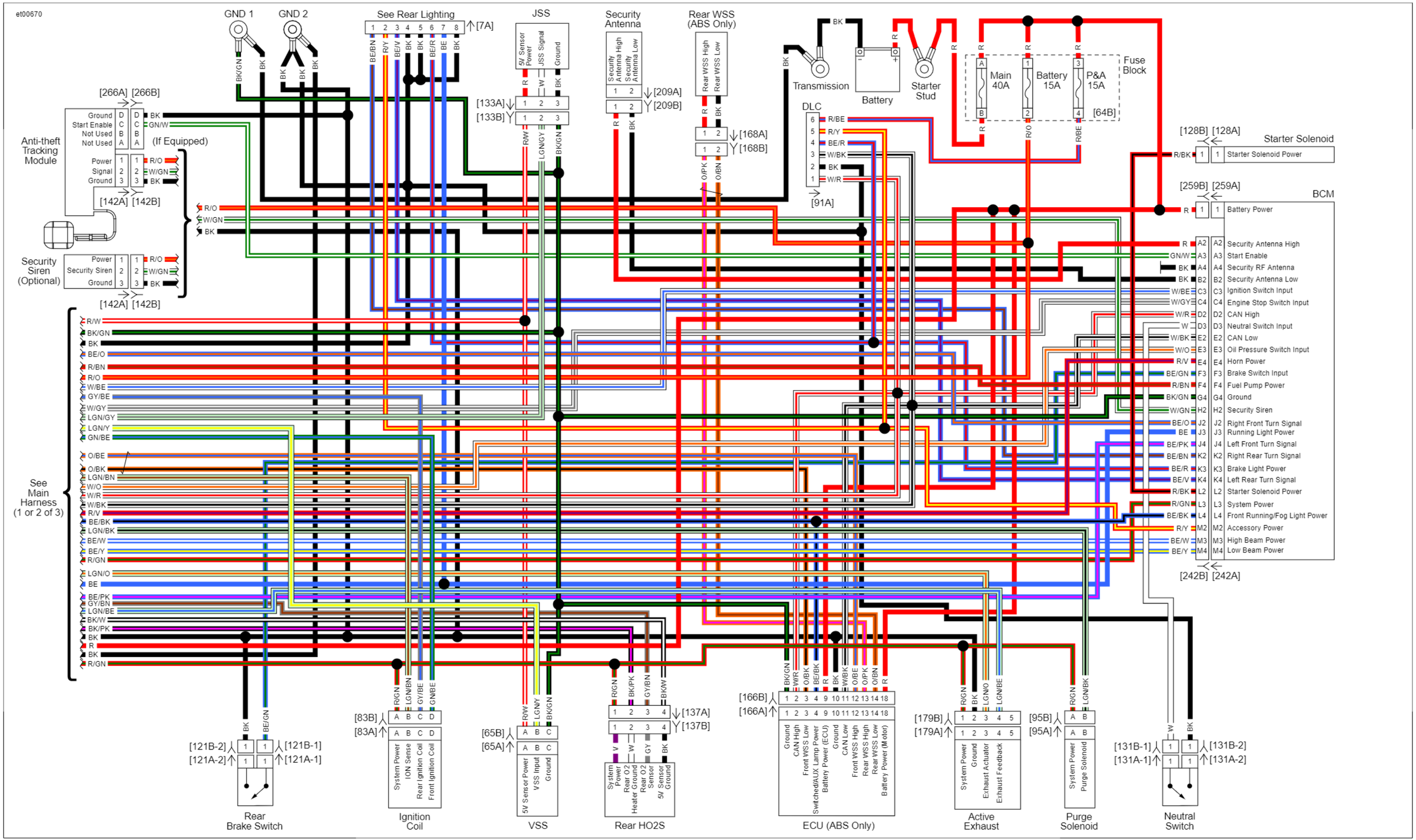


Main Harness 1 of 3 (except FXDL): 2015 Dyna



Main Harness 2 of 3 (FXDL): 2015 Dyna



Main Harness 3 of 3: 2015 Dyna

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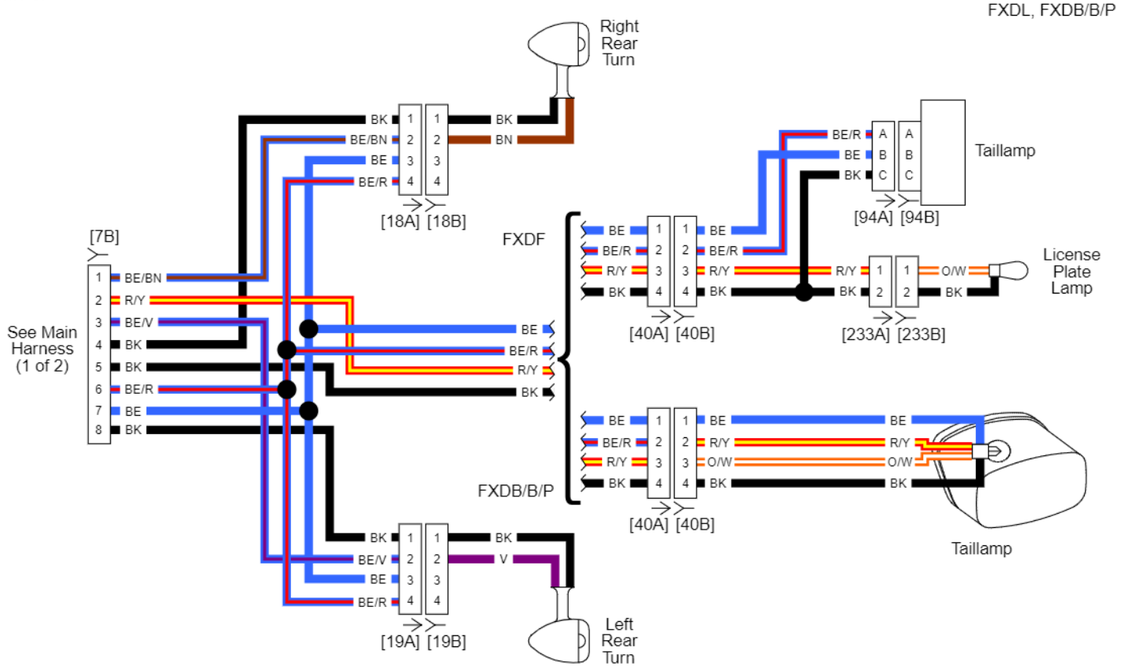
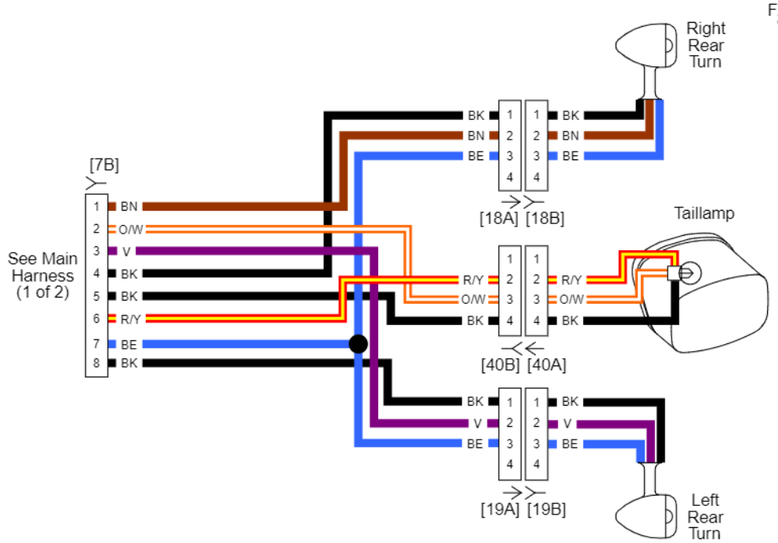
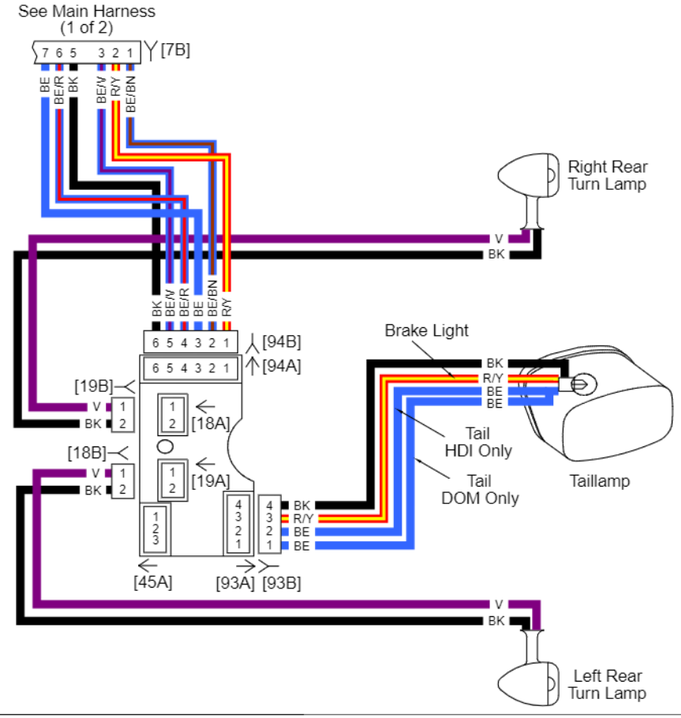
FXDL, FXDB/B/P



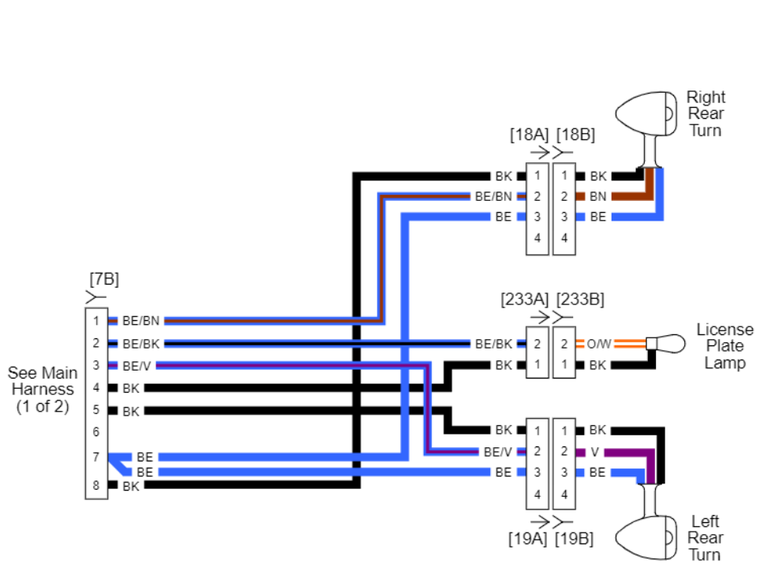
FXDB/B, FXDWG - HDI W/Center Stop Lamp



FLD, FXDL



FXDWG - DOM Without Center Stop Lamp



Rear Lighting: 2015 Dyna

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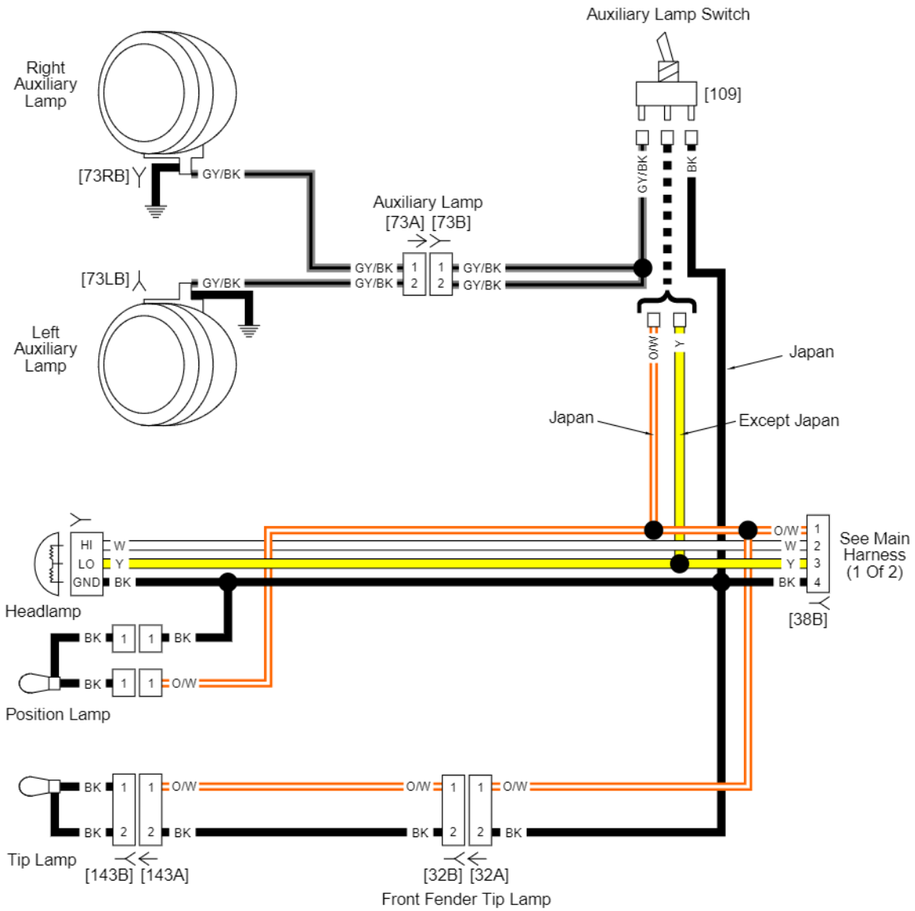
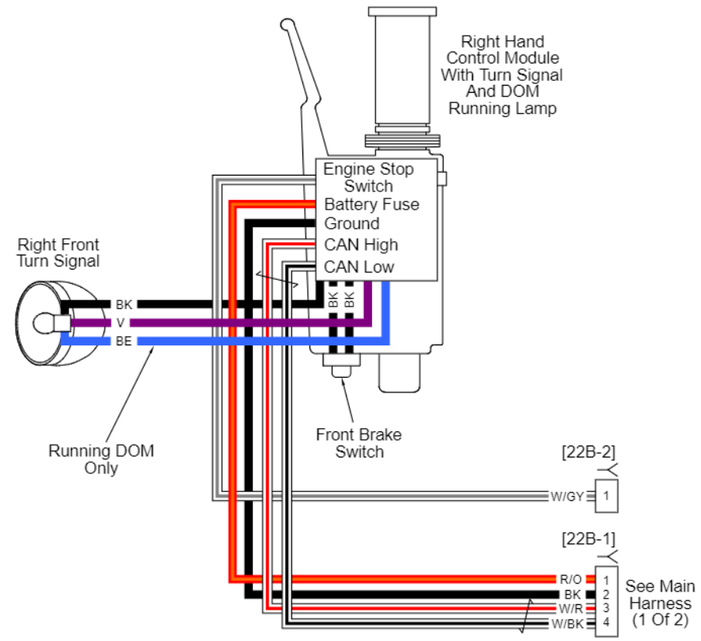
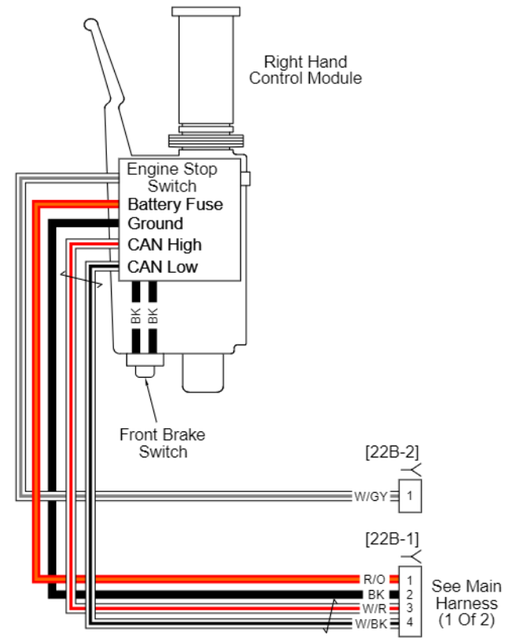
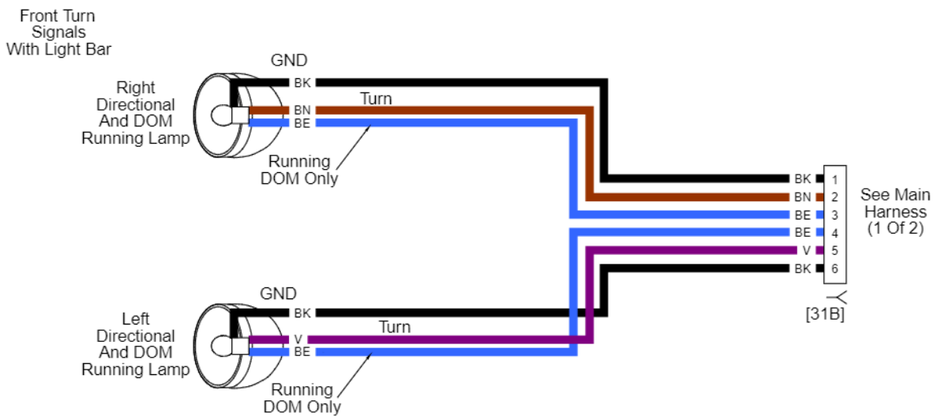
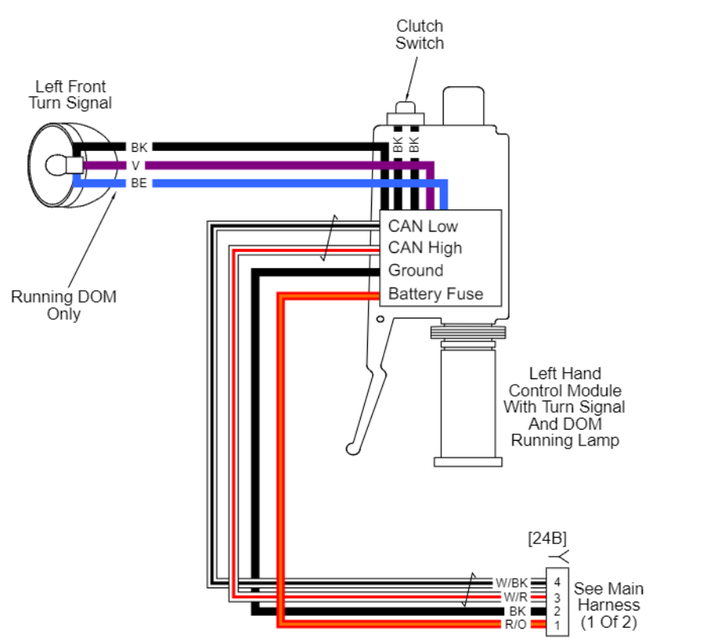
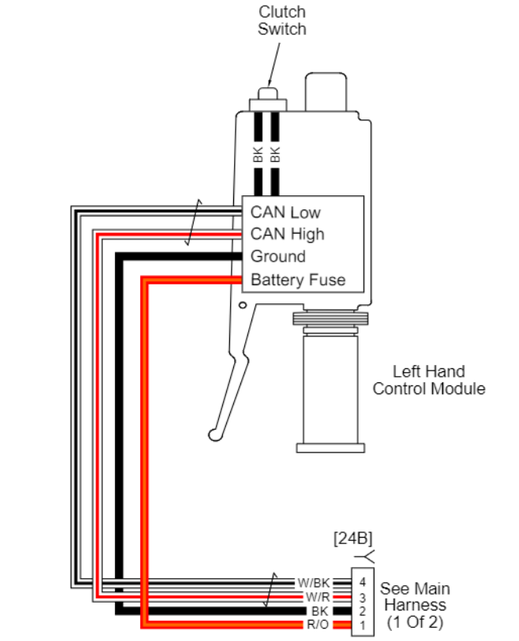




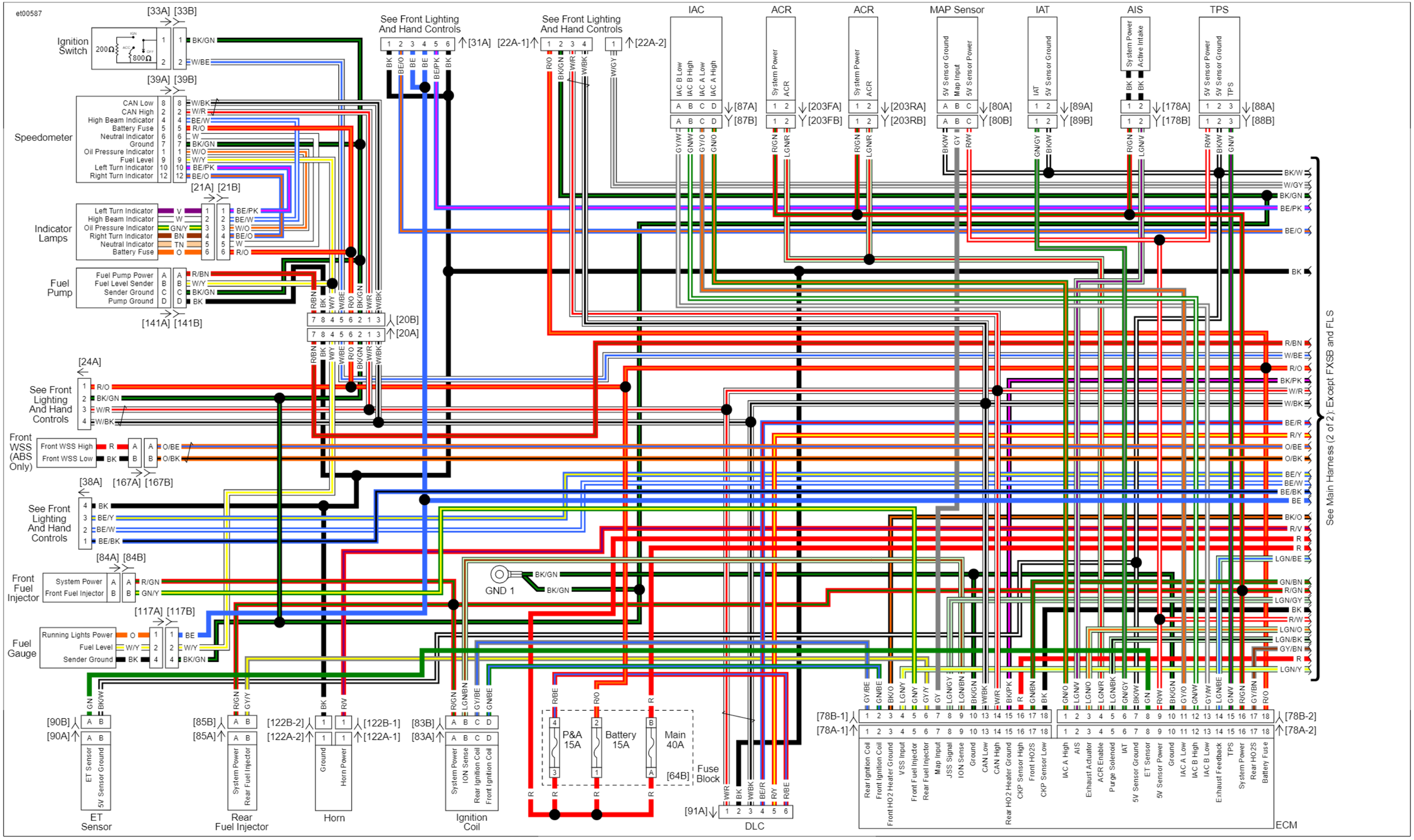




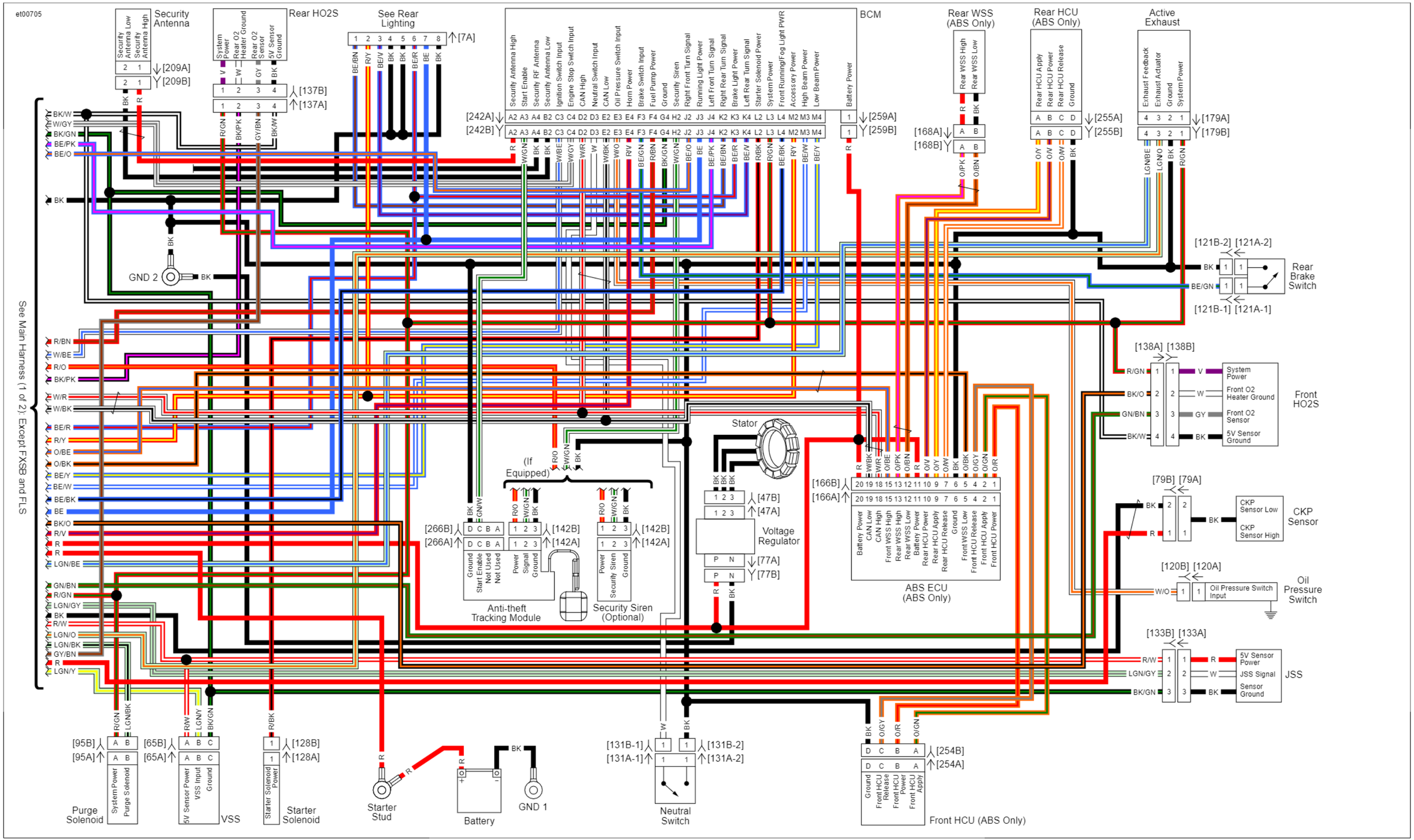




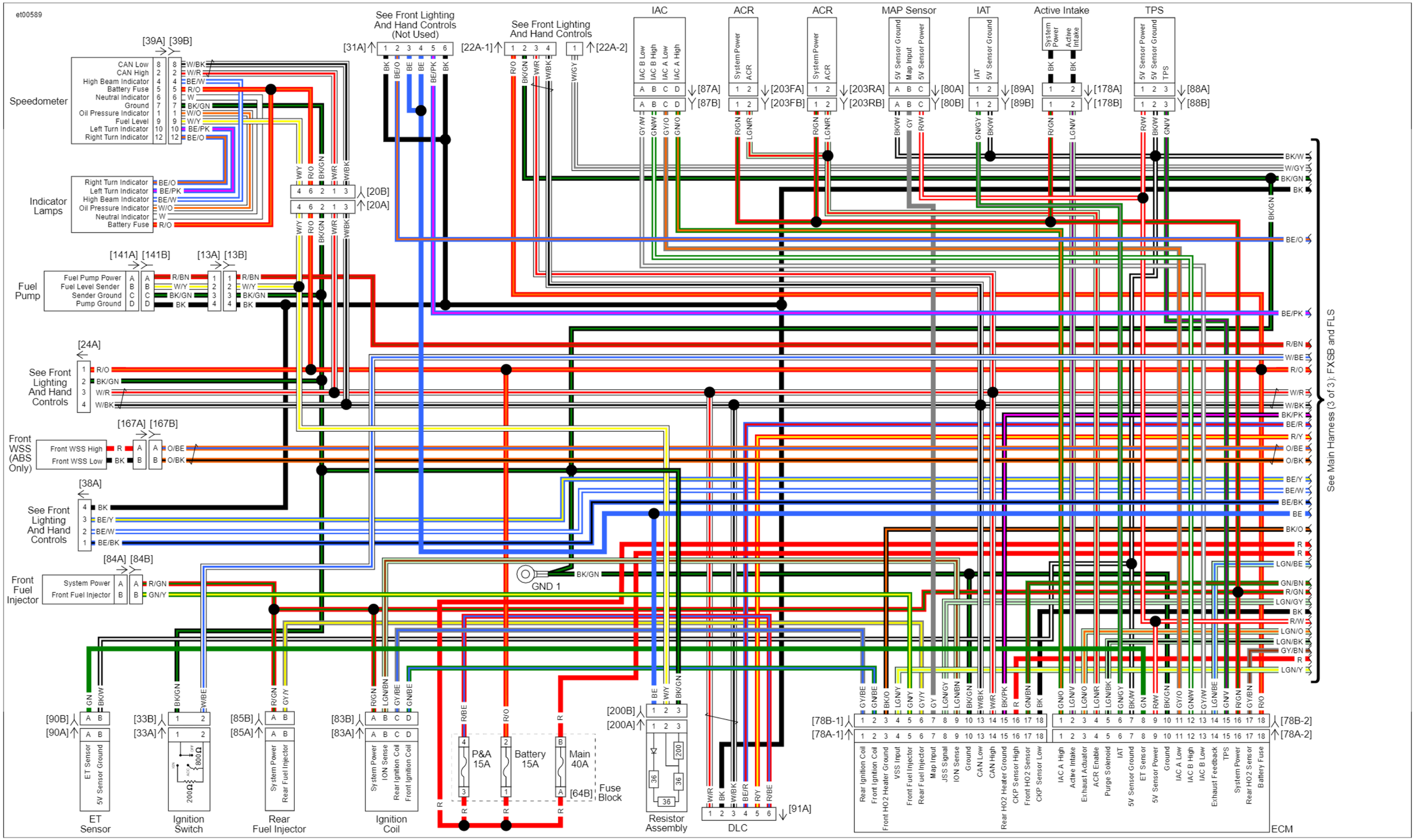
Front Lighting and Hand Controls: 2015 Softail



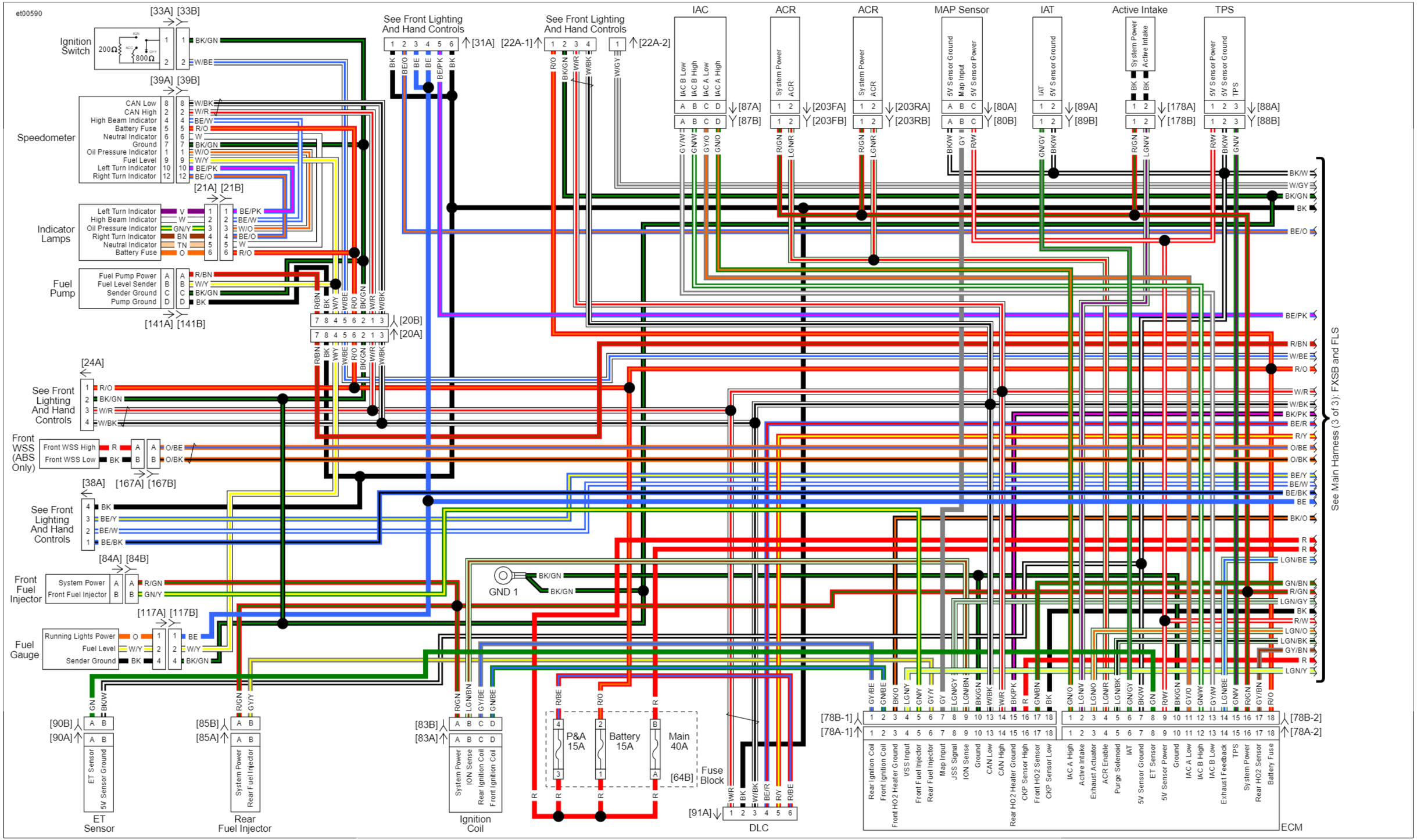
Main Harness 1 of 2: 2015 Softail (Except FXSB and FLS)



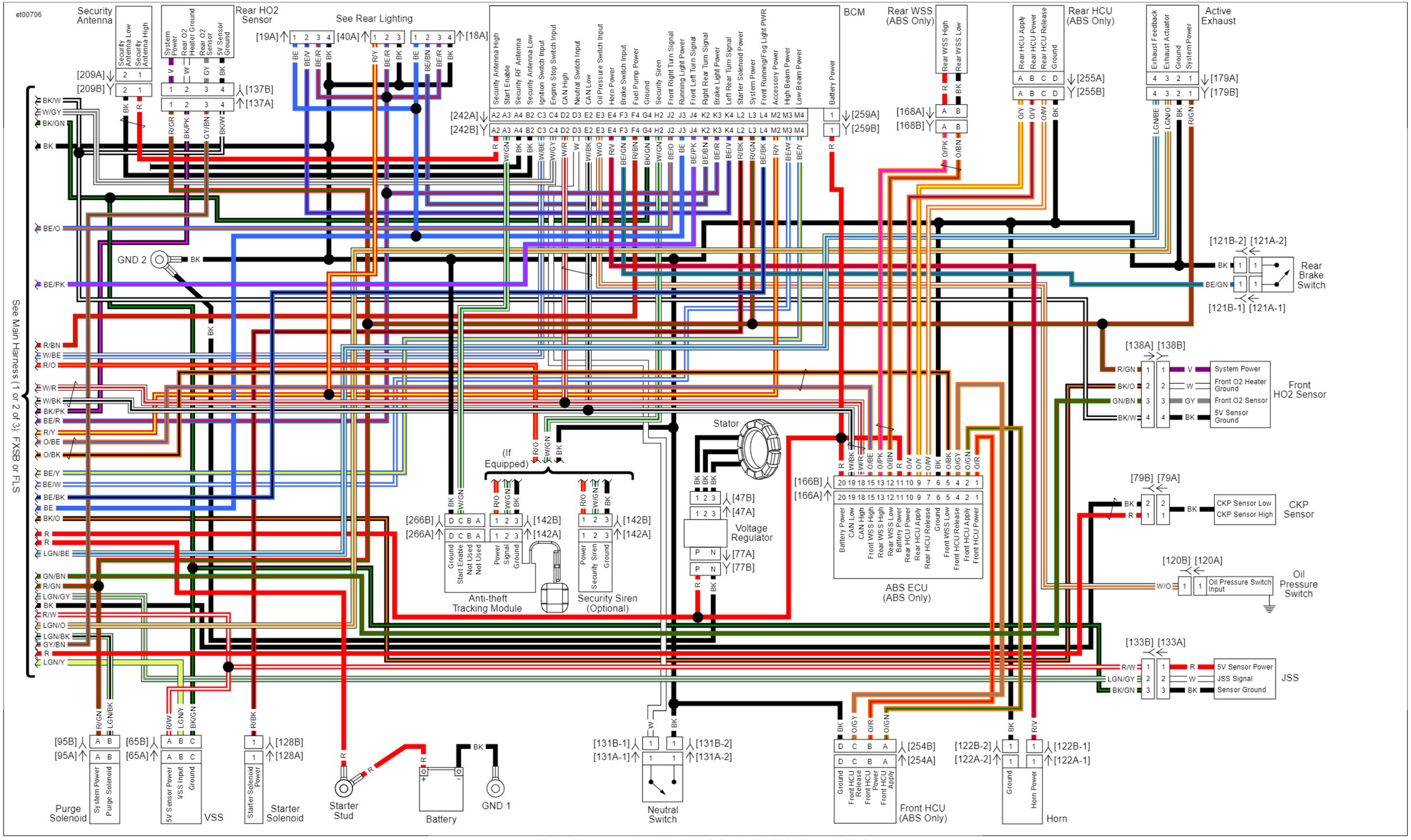
Main Harness 2 of 2: 2015 Softail (Except FXSB and FLS)



Main Harness 1 of 3: 2015 Softail (FXSB)



Main Harness 2 of 3: 2015 Softail (FXSB and FLS)



Main Harness 3 of 3: 2015 Softail (FXSB and FLS)

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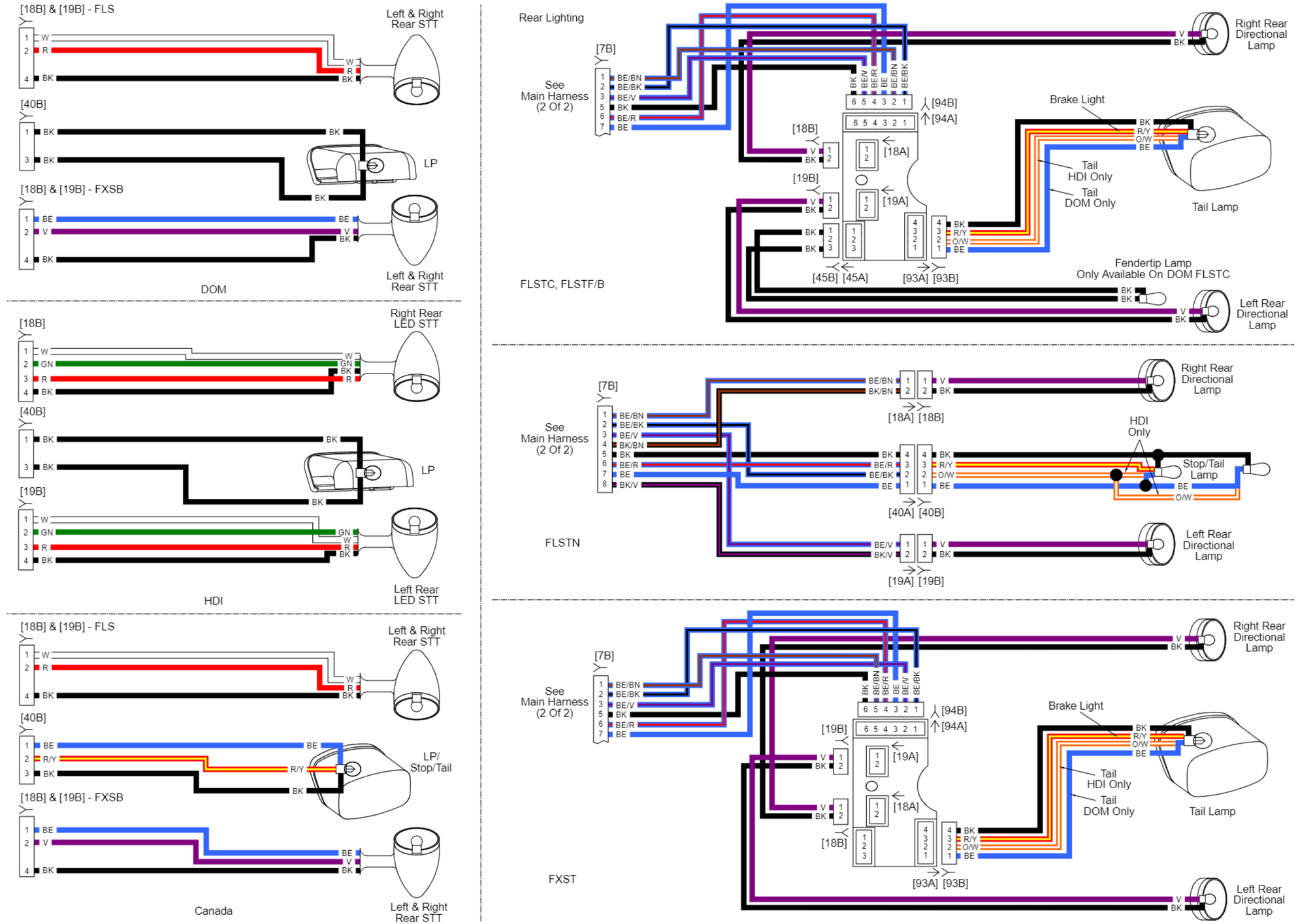

Rear Lighting: 2015 Softail

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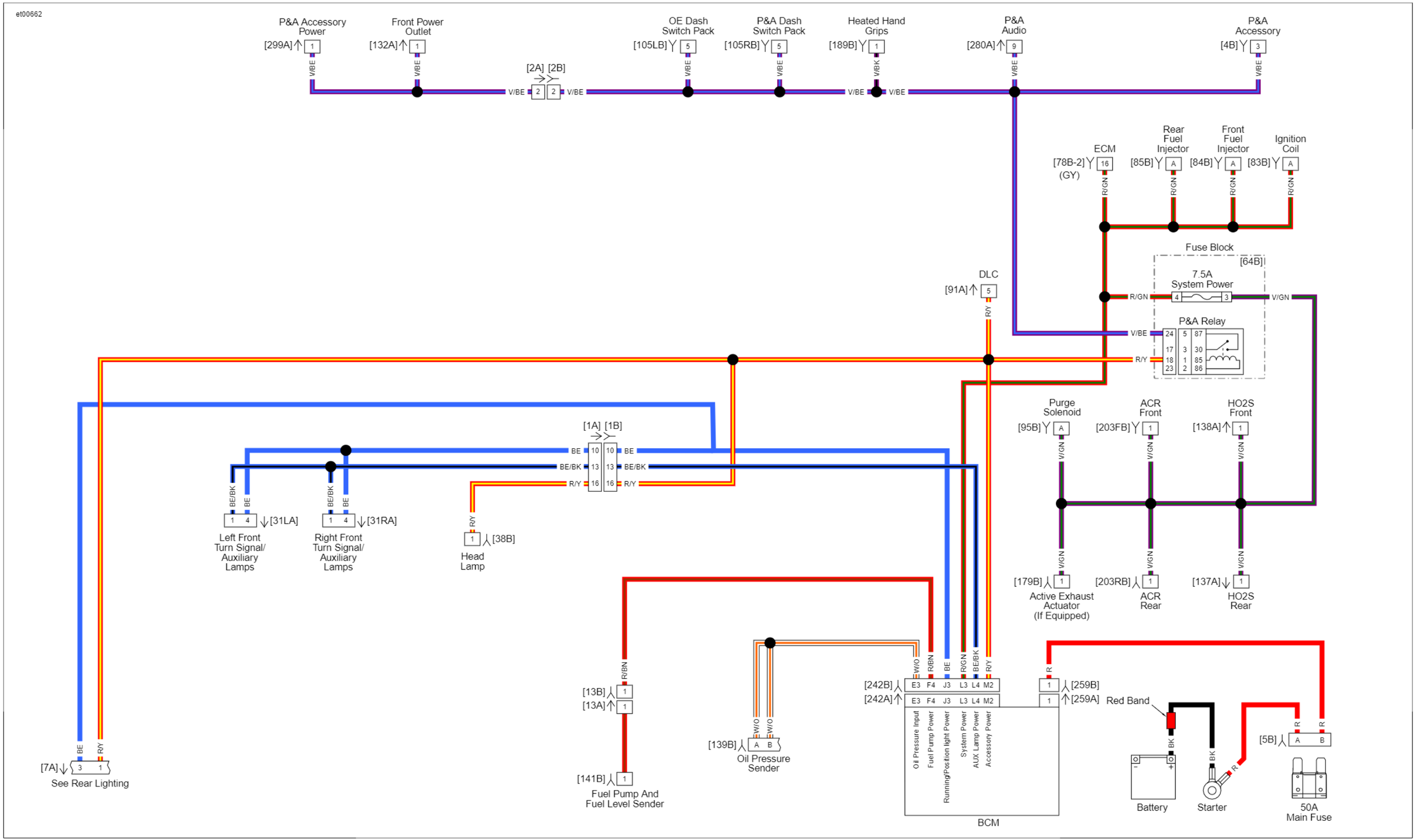
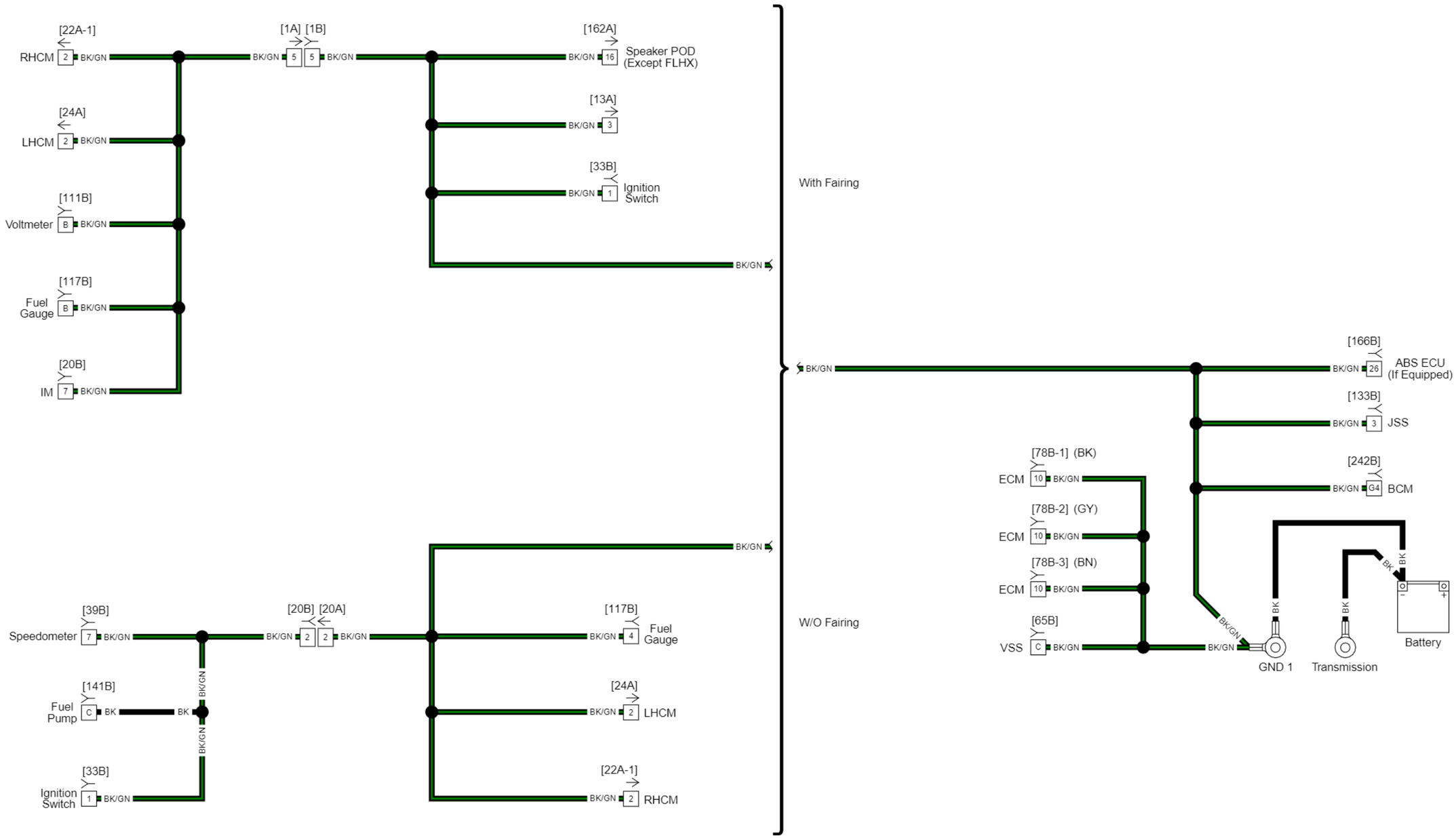
P&A Accessory Power [299A] 1 V/BE
Front Power Outlet [132A] 1 V/BE
[189B] 1 V/BE
[2A] [2B] 2 2 V/BE
OE Dash Switch Pack [105LB] 5 V/BE
P&A Dash Switch Pack [105RB] 5 V/BE
P&A Accessory [4B] 3 V/BE
CB Module [184A] 9 R/BE V/BE
P&A Audio [280A] 9 V/BE
Accessory Switch [67A] 1 V/BE
P&A Accessory [4B] 3 V/BE
With Fairing
W/O Fairing
Fuel Gauge [162A] 14 R/Y
Auxiliary Lamps Switch [109A] 1 R/Y
[162A] 14 R/Y
W/O Fairing
With Fairing, Except FLHX
Except FLHX
FLHX
DLC [91A] 5 R/Y
ECM [78B-2] (GY) 16 R/GN
Rear Fuel Injector [85B] A R/GN
Front Fuel Injector [84B] A R/GN
Ignition Coil [83B] A R/GN
Fuse Block [64B]
7.5A System Power
P&A Relay
R/GN V/GN V/BE R/Y
Purge Solenoid [95B] A V/GN
ACR Front [203FB] 1 V/GN
HO2S Front [138A] 1 V/GN
[179B] 1 V/GN Active Exhaust Actuator (If Equipped)
[203RB] 1 V/GN ACR Rear
[137A] 1 V/GN HO2S Rear
[1A] [1B] 10 10 13 13 BE BE/BK
[32A] BE Front Fender Tip Lamp Jumper Harness
[31LA] BE/BK BE Left Front Turn Signal/ Auxiliary Lamps
[31RA] BE/BK BE Right Front Turn Signal/ Auxiliary Lamps
[38A] BE Head Lamp
With Fairing, Except FLHX
[12A] [12B] 3 3 1 1 BE V/BE
[258A] V/BE Rear Power Outlet
[12-2A] V/BE Right Side Marker Light
[12-3A] V/BE Left Side Marker Light
[287A] BE Tour-Pak Lights (If Equipped)
[7A] 3 1 BE R/Y See Rear Lighting
[13B] [13A] 1 1 R/BN
[141B] 1 Fuel Pump And Fuel Level Sender
[139B] A B W/O Oil Pressure Sender With Fairing
[141B] 1 W/O Oil Pressure Switch W/O Fairing
[242B] [242A] E3 F4 J3 L3 L4 M2 W/O R/BN BE R/GN BE/BK R/Y
Oil Pressure Input, Fuel Pump Power, Running/Position light Power, System Power, AUX Lamp Power, Accessory Power
BCM
[259B] [259A] 1 1 R
Red Band
Battery
Starter
[5B] A B R R
50A Main Fuse

Ignition and ACC FLH: 2015 Touring

et00662



Ignition and ACC FLT: 2015 Touring



Sensor Grounds FLH: 2015 Touring

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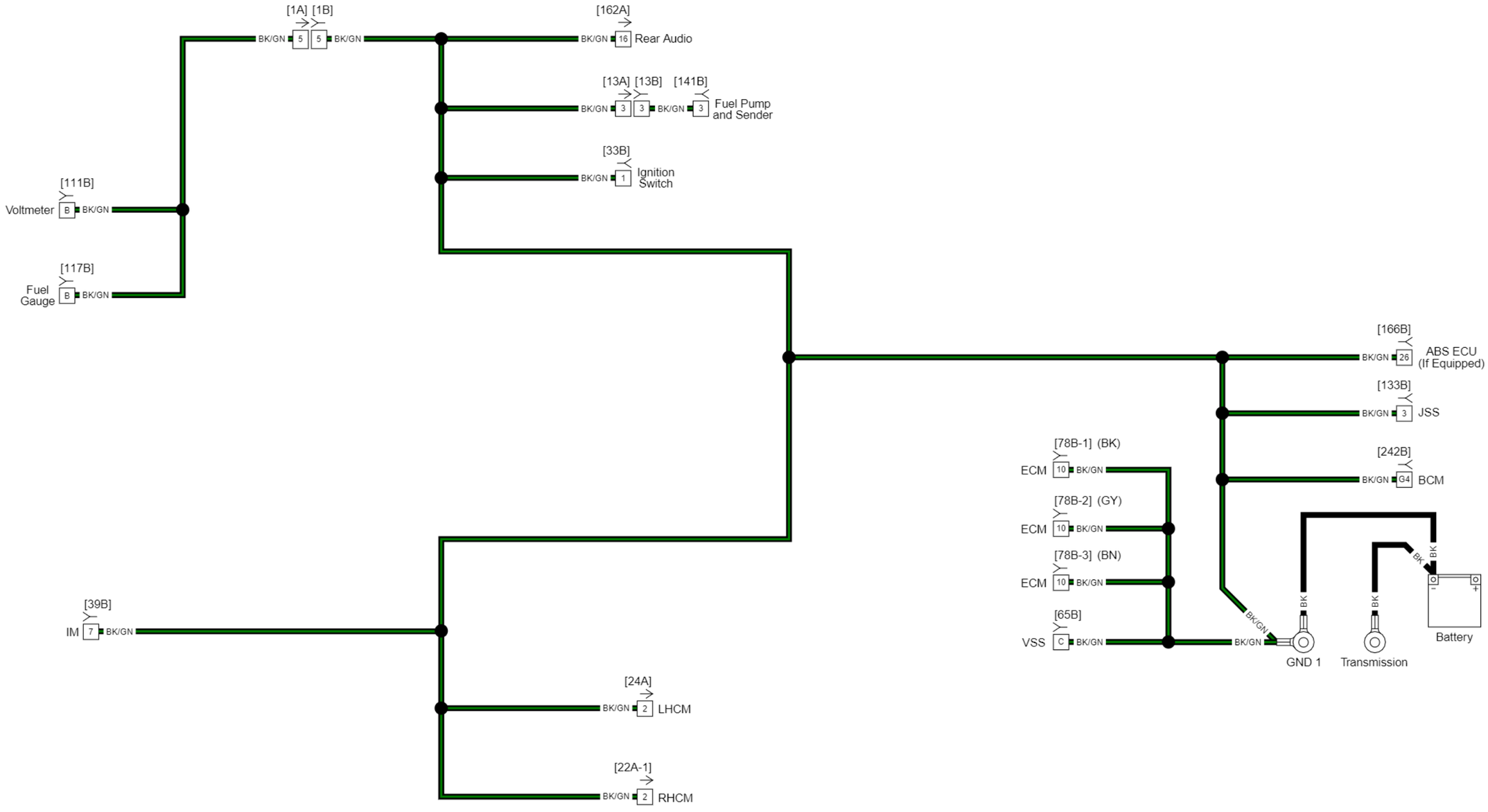

Sensor Grounds FLT: 2015 Touring

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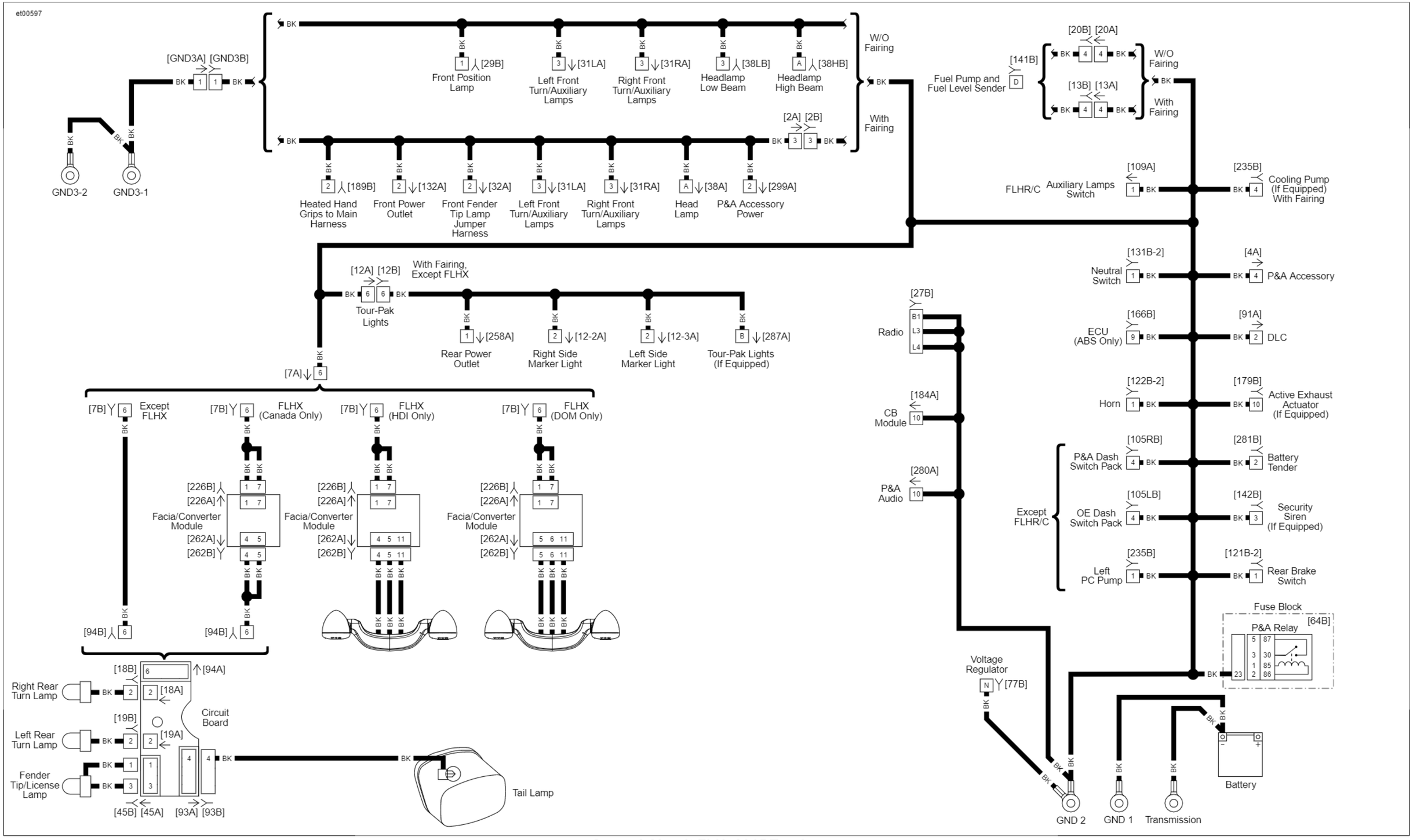

Ground Circuit FLH: 2015 Touring

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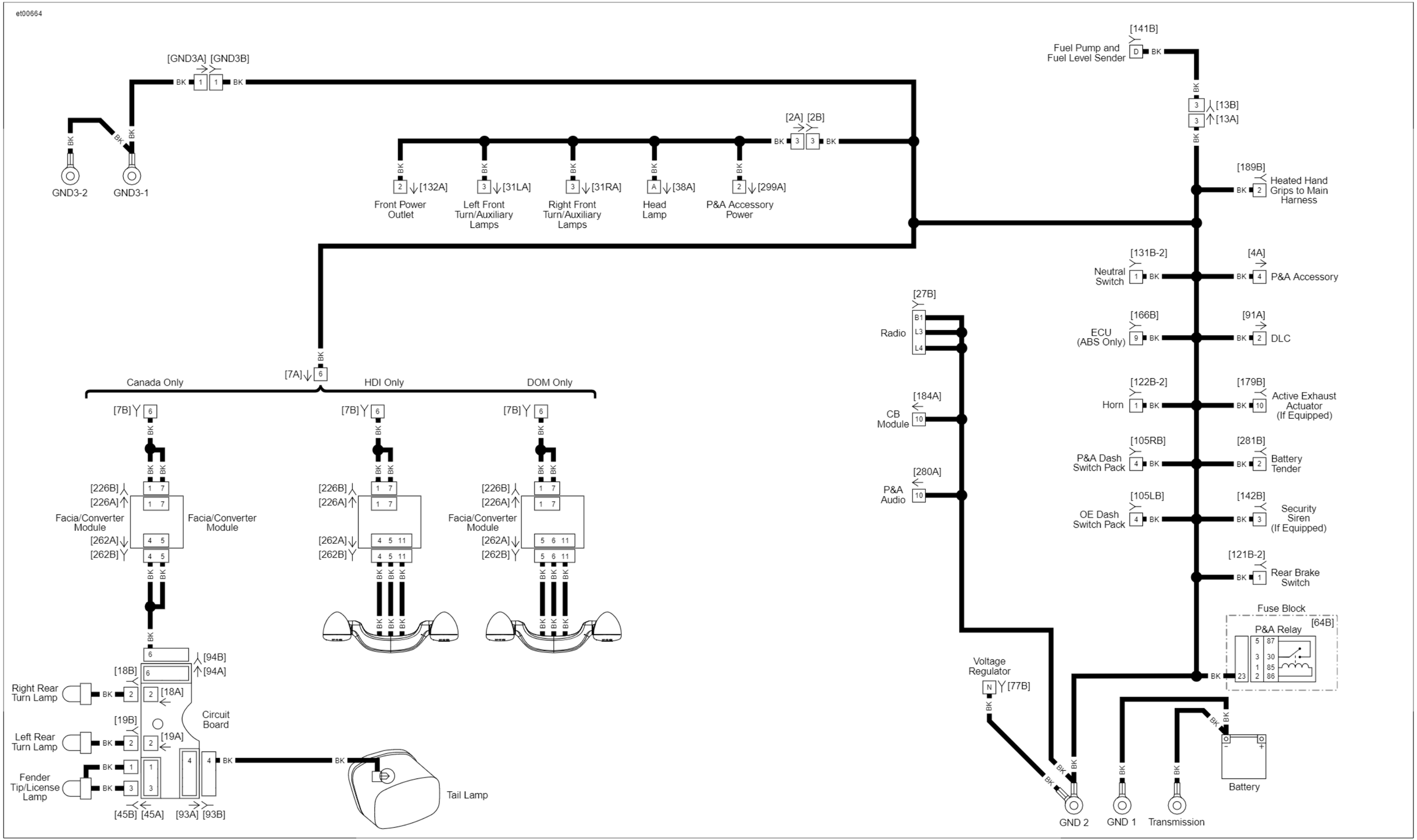

Ground Circuit FLT: 2015 Touring

et00676

FLHX (HDI)

[38HA] [38HB]

Headlamp High Beam — BK, BE/W

[38LA] [38LB]

Headlamp Low Beam — BK, BE/Y

[29A] [29B]

Position Lamp (If Equipped) — BK, BE

BK → A, BE/Y → B, BE/W → C, BE → D

[38A]

See Fairing Harness

FLHX (DOM)

[38HA] [38HB]

Headlamp High Beam — BK, BE/W

[38LA] [38LB]

Headlamp Low Beam — BK, BE/Y

BK → A, BE/Y → B, BE/W → C

[38A]

See Fairing Harness

FLHR/C

[38HA]

Headlamp High Beam

[38LA]

Headlamp Low Beam

[29A]

Position Lamp (If Equipped)

See Main Harness Without Fairing (1 of 3)

FLHTCU, FLHTK, FLT

Headlamp

[38A]

Low, High, Position — A, B, C, D

See Fairing Harness

FLHX, FLT

Right Directional And DOM Running Lamp — BK, V/BN, BE

[31RB]

Left Directional And DOM Running Lamp — BK, V/BN, BE

[31LB]

See Fairing Harness

FLHR/C

Right Auxiliary Lamp

BK

[73RB]

Right Turn And DOM Running Lamp — BK, BN, BE

[31RB] — GY/BK, BK, BN, BE

Left Turn And DOM Running Lamp — BK, V, BE

[31LB] — GY/BK, BK, V, BE

See Main Harness Without Fairing (1 of 3)

GY/BK

[73LB]

BK

Left Auxiliary Lamp

FLHT

Right Auxiliary Lamp

BK

[73RB]

Right Turn And DOM Running Lamp — BK, BN, BE

[31RB] — GY/BK, BK, BN, BE

Fender Tip Lamp (If Equipped) — O/W, BK

[143B] [143A] [32B]

See Fairing Harness

Left Turn And DOM Running Lamp — BK, V, BE

[31LB] — GY/BK, BK, V, BE

GY/BK

[73LB]

BK

Left Auxiliary Lamp

RHCM

[22D-2] [22C-2]

W/GY — Engine Stop Switch

R/O — Battery Fuse

BK/GN — Ground

W/R — CAN High

W/BK — CAN Low

TGS

Heated Hand Grips (If Equipped)

[22D-1] [22C-1]

BK, BK

Front Brake Switch

TGS 2, TGS 1, 5V Sensor Power 2, 5V Sensor Power 1, 5V Sensor Ground 2, 5V Sensor Ground 1, P&A Power, Ground

V, BE, R, BN, GY, GY, BK, W, BK

[224B] [224A]

[237A] [237B]

[204B]

GY, V, R, BK, BE, BN

See Main Harness (2 of 3)

[22B-2]

W/GY, R/O, BK/GN, W/R, W/BK

See Fairing Harness If Equipped or Main Harness

[22B-1]

[206B] [206A]

BK/W, BK/W

[24B]

W/BK, W/R, BK/GN, R/O

Clutch Switch

R, BK

See Fairing Harness

[189A]

BK, BK

P&A Power, Ground, P&A Power, Ground

Heated Hand Grips (If Equipped)

W/BK — Can Low

W/R — Can High

BK/GN — Ground

R/O — Battery Fuse

[24D] [24C]

LHCM

Front Lighting and Hand Controls: 2015 Touring

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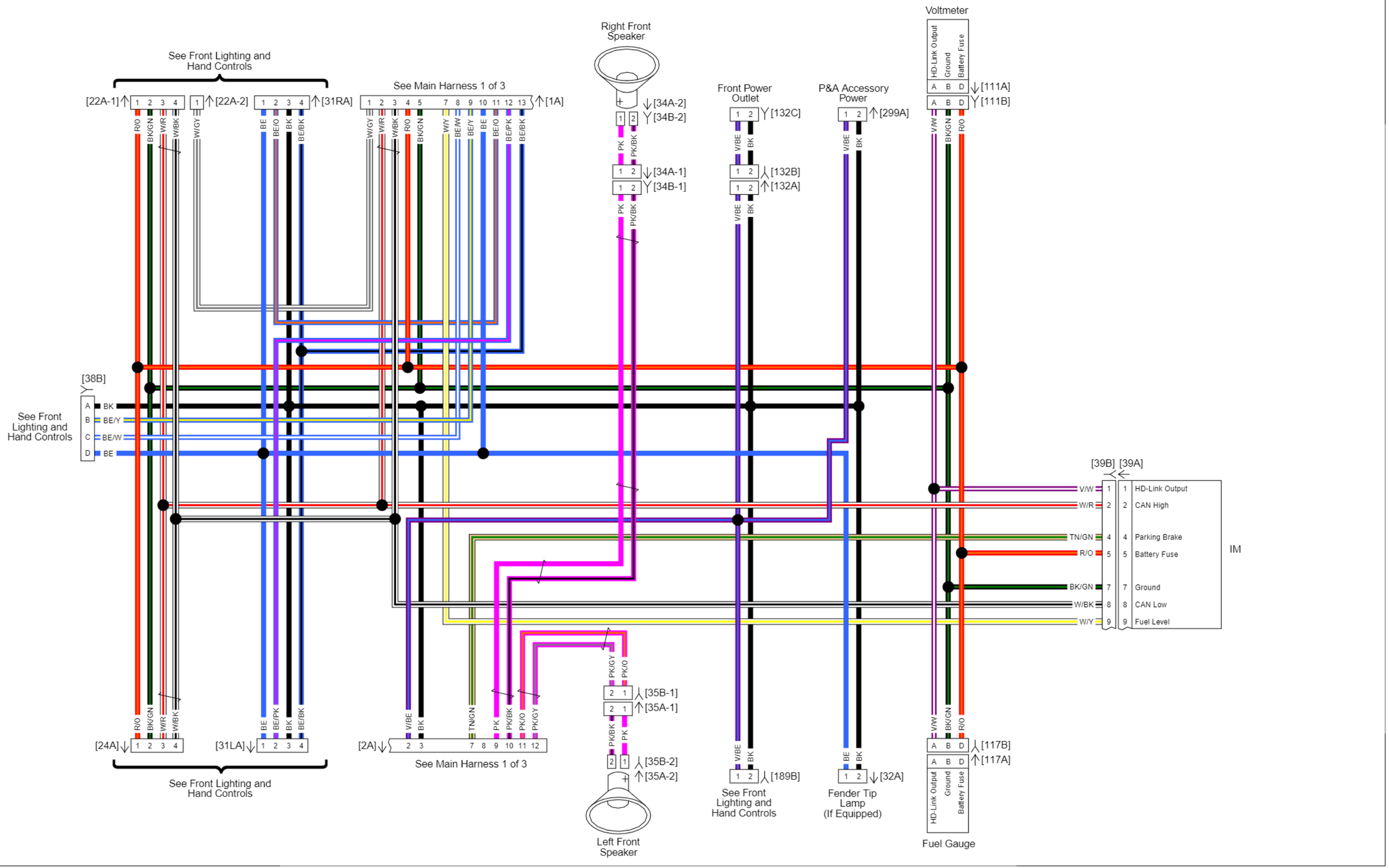

Fairing Harness FLH: 2015 Touring

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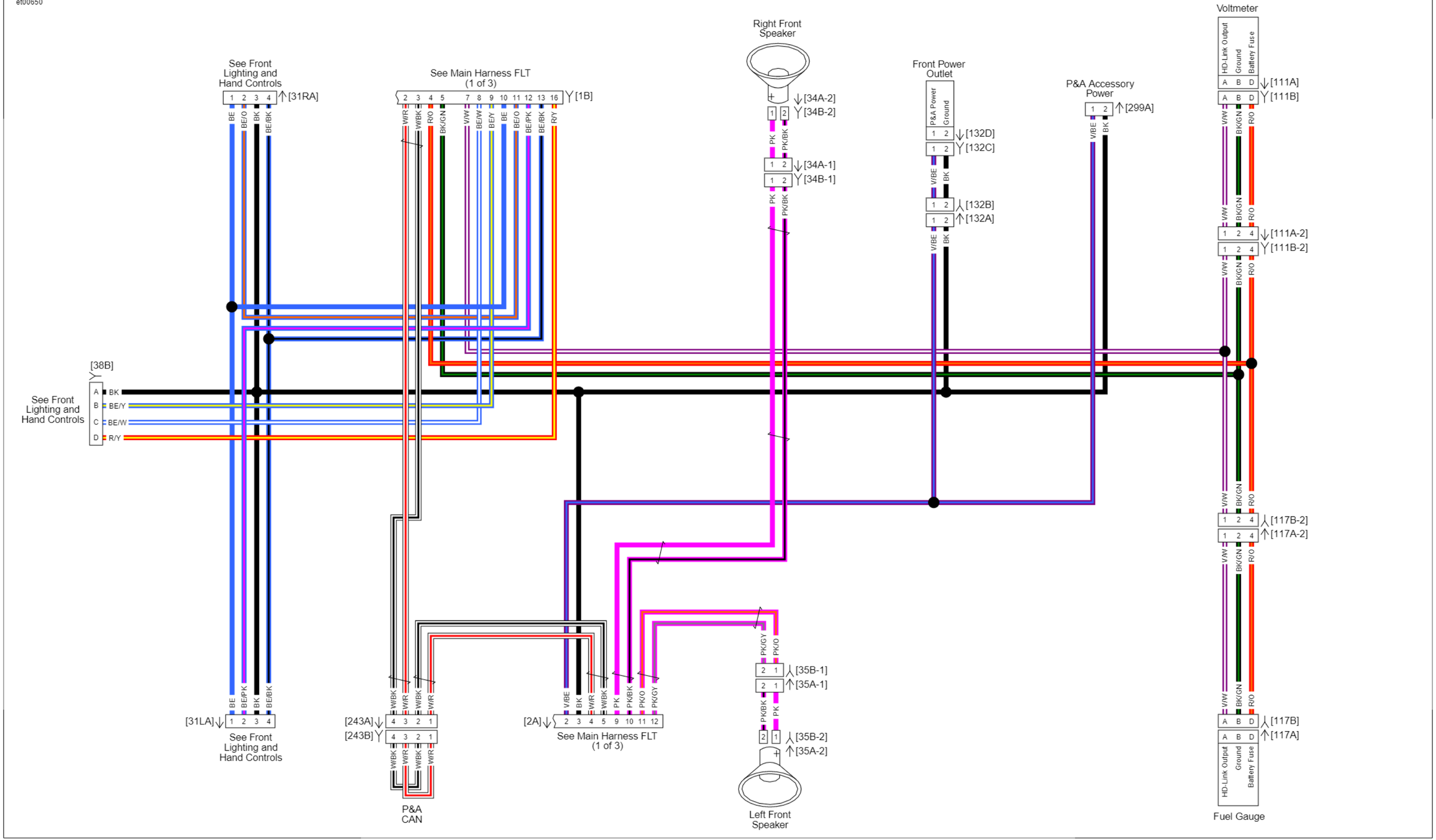
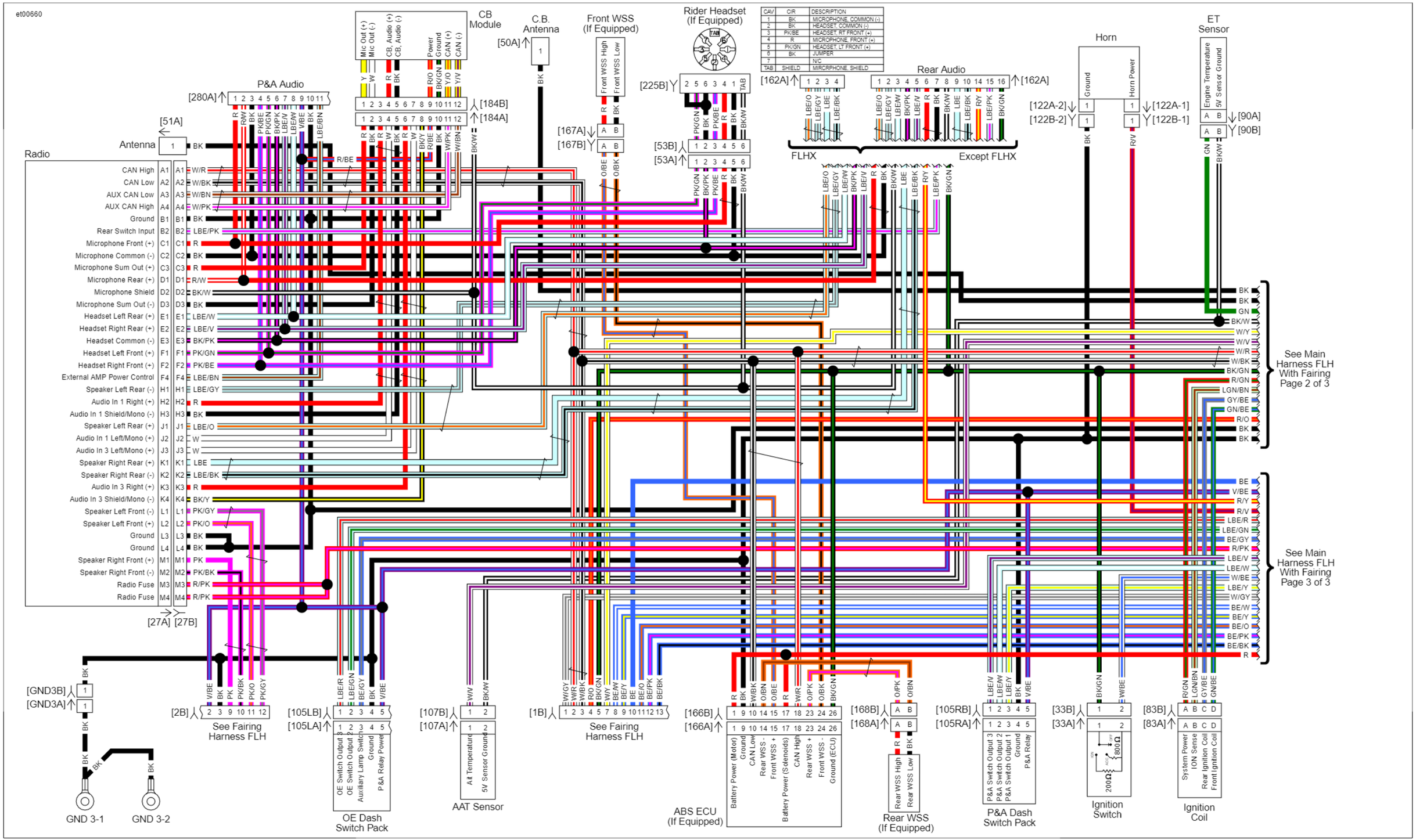
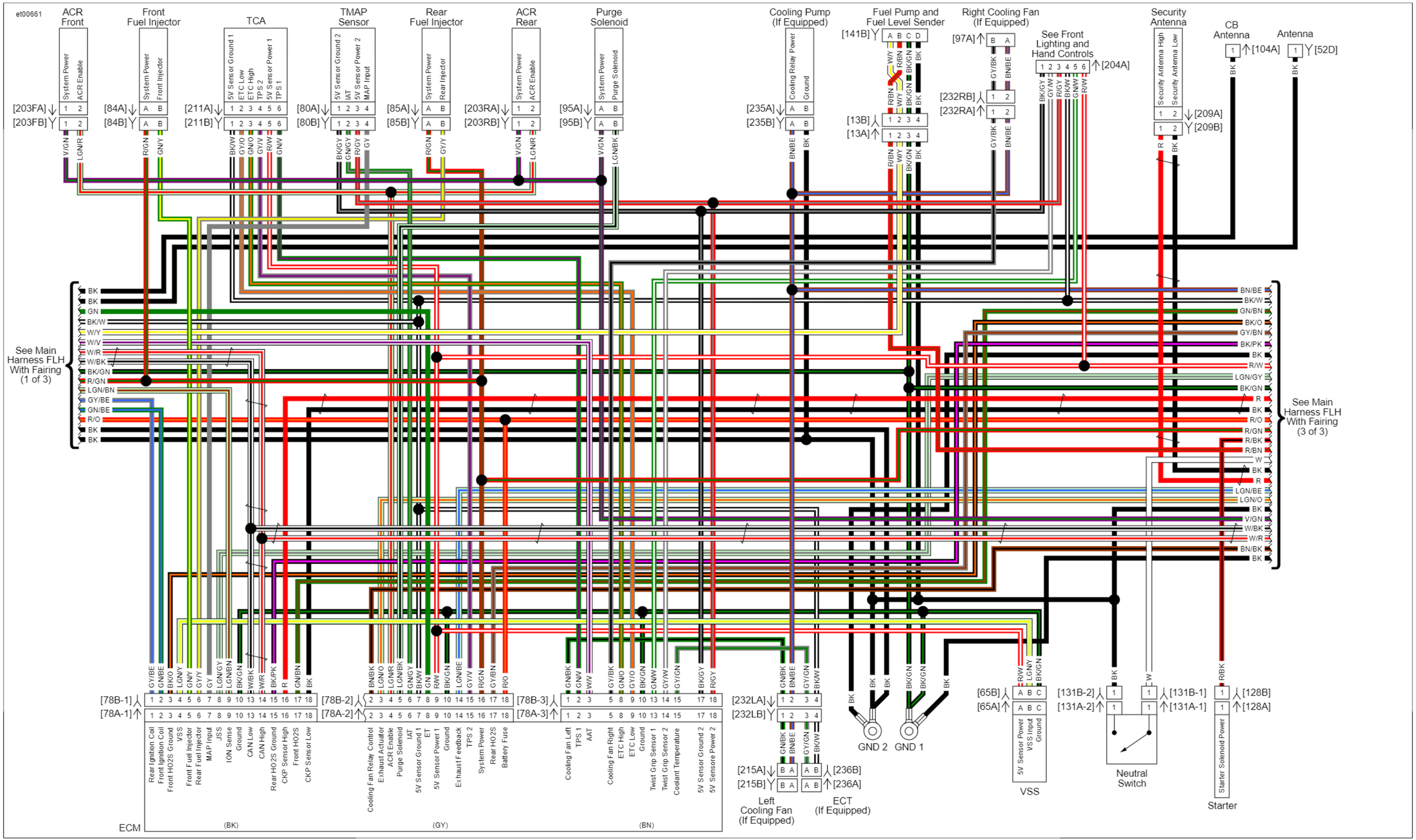


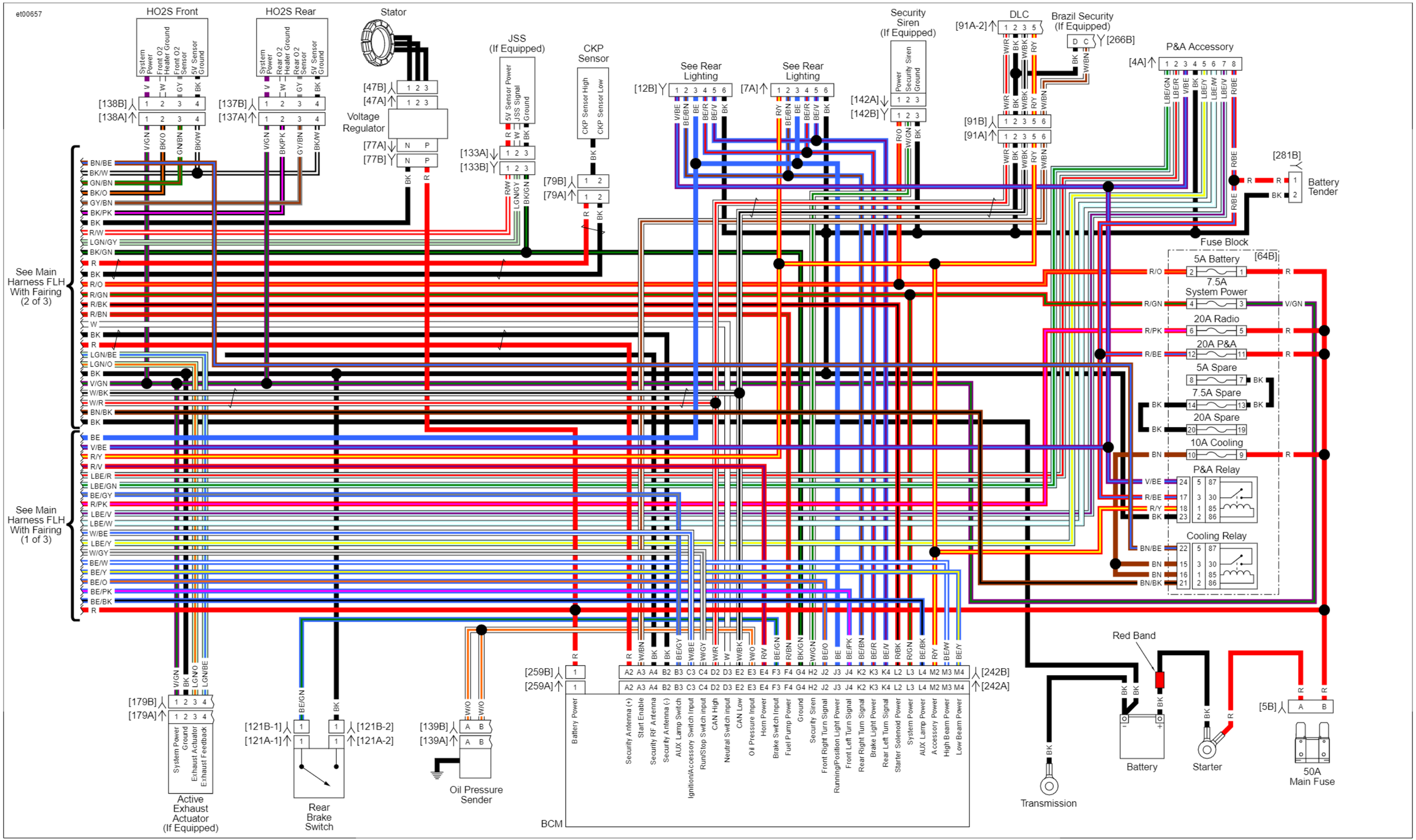
Fairing Harness FLT: 2015 Touring



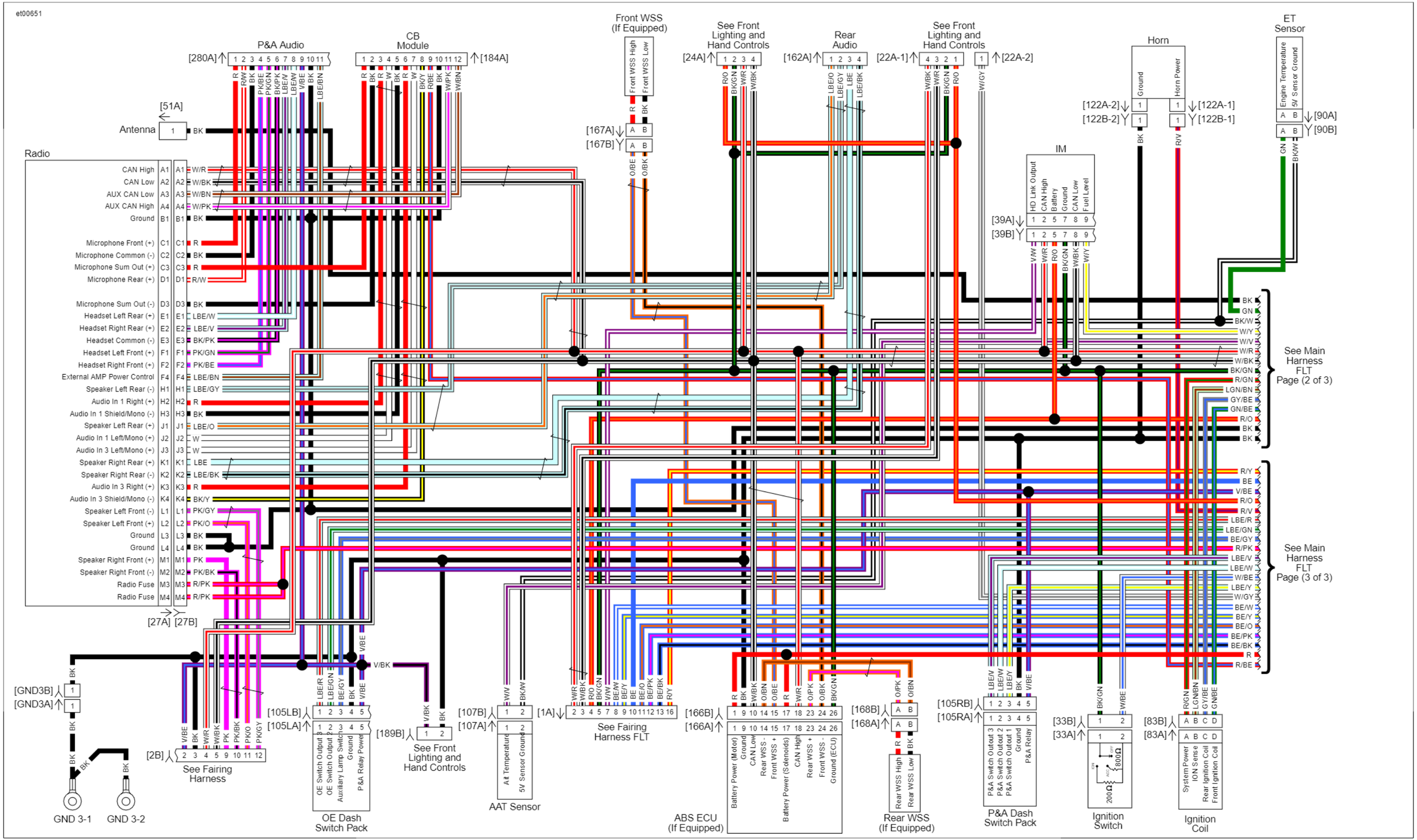
Main Harness FLH (1 of 3): 2015 Touring (With Fairing)



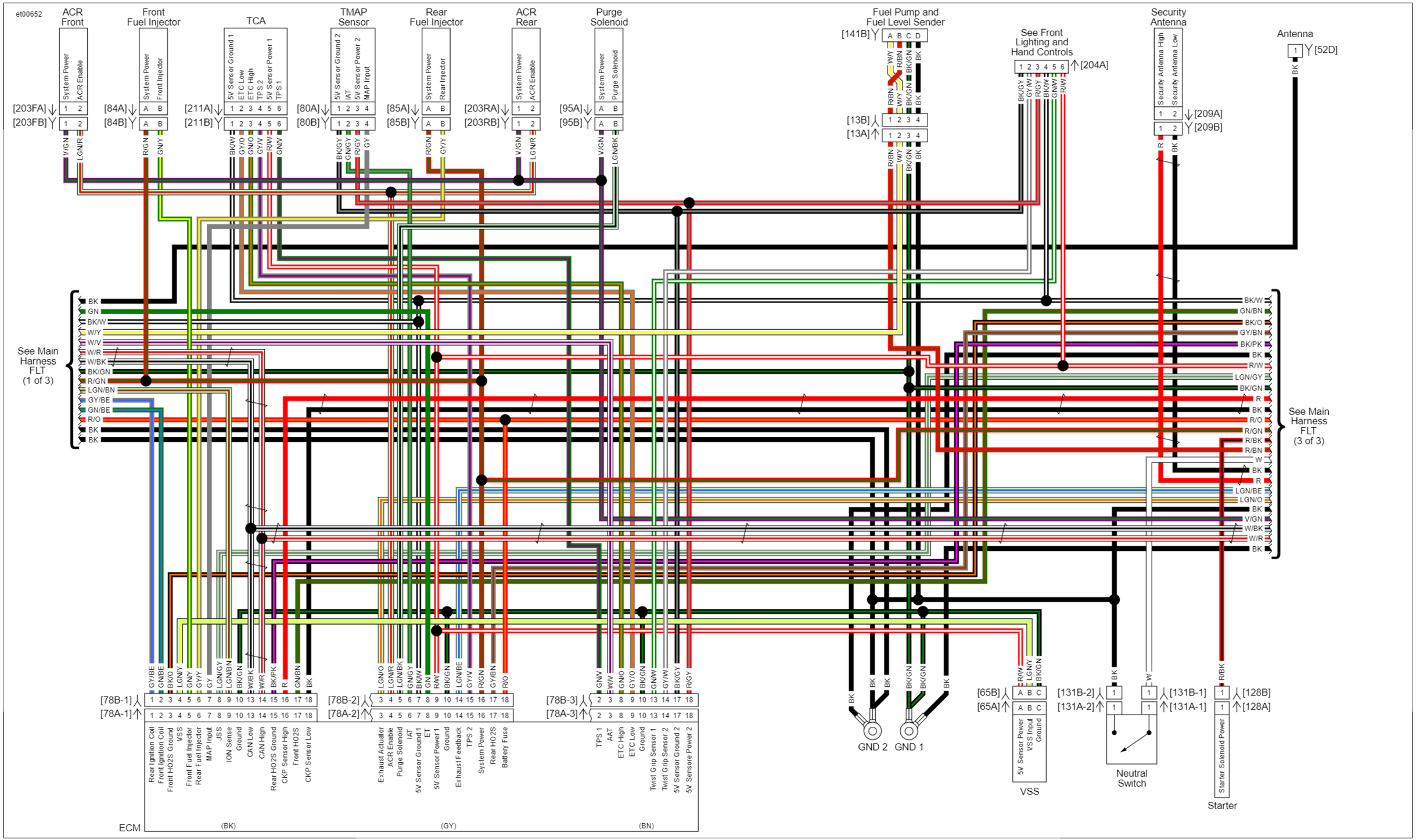
Main Harness FLH (2 of 3): 2015 Touring (With Fairing)



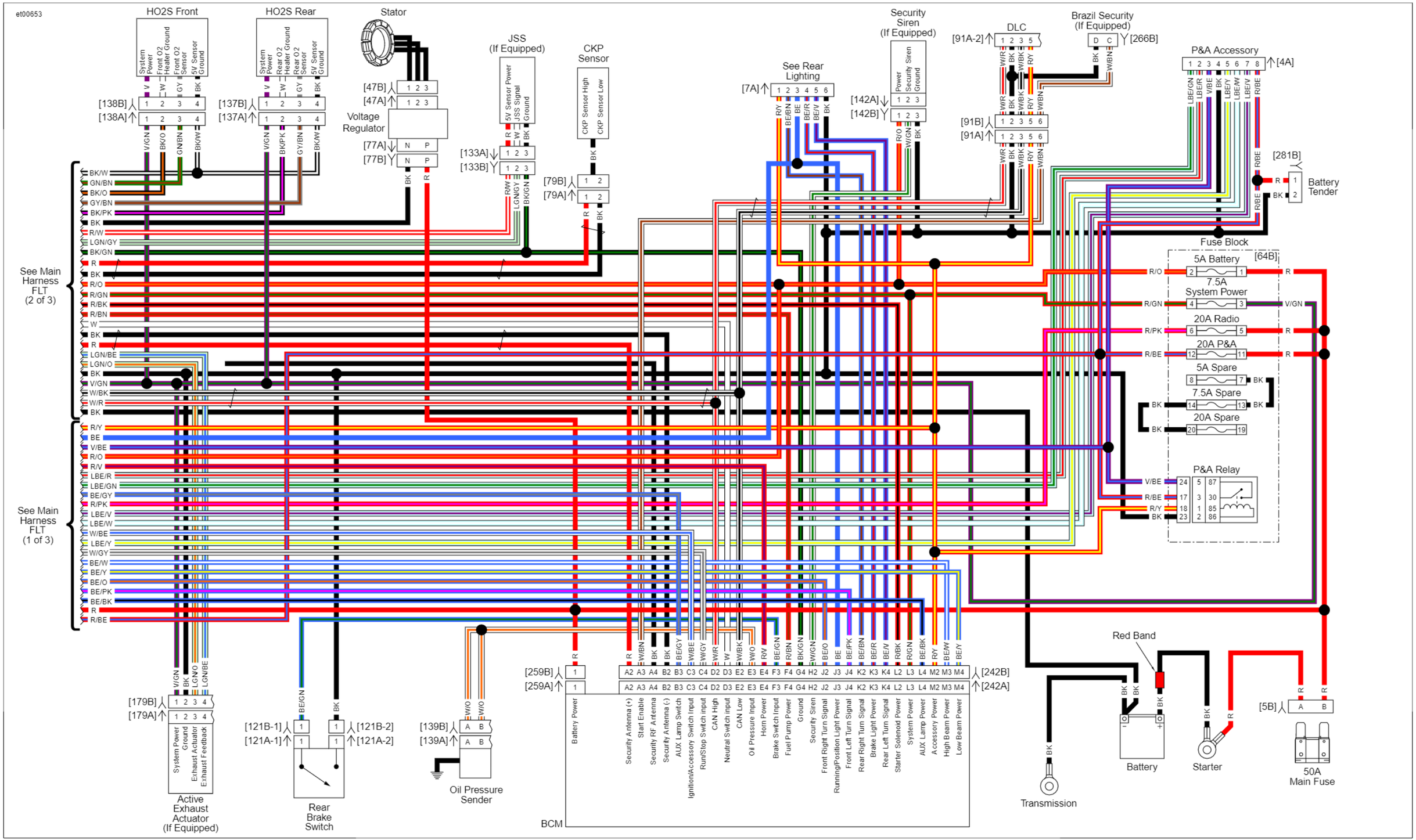
Main Harness FLH (3 of 3): 2015 Touring (With Fairing)



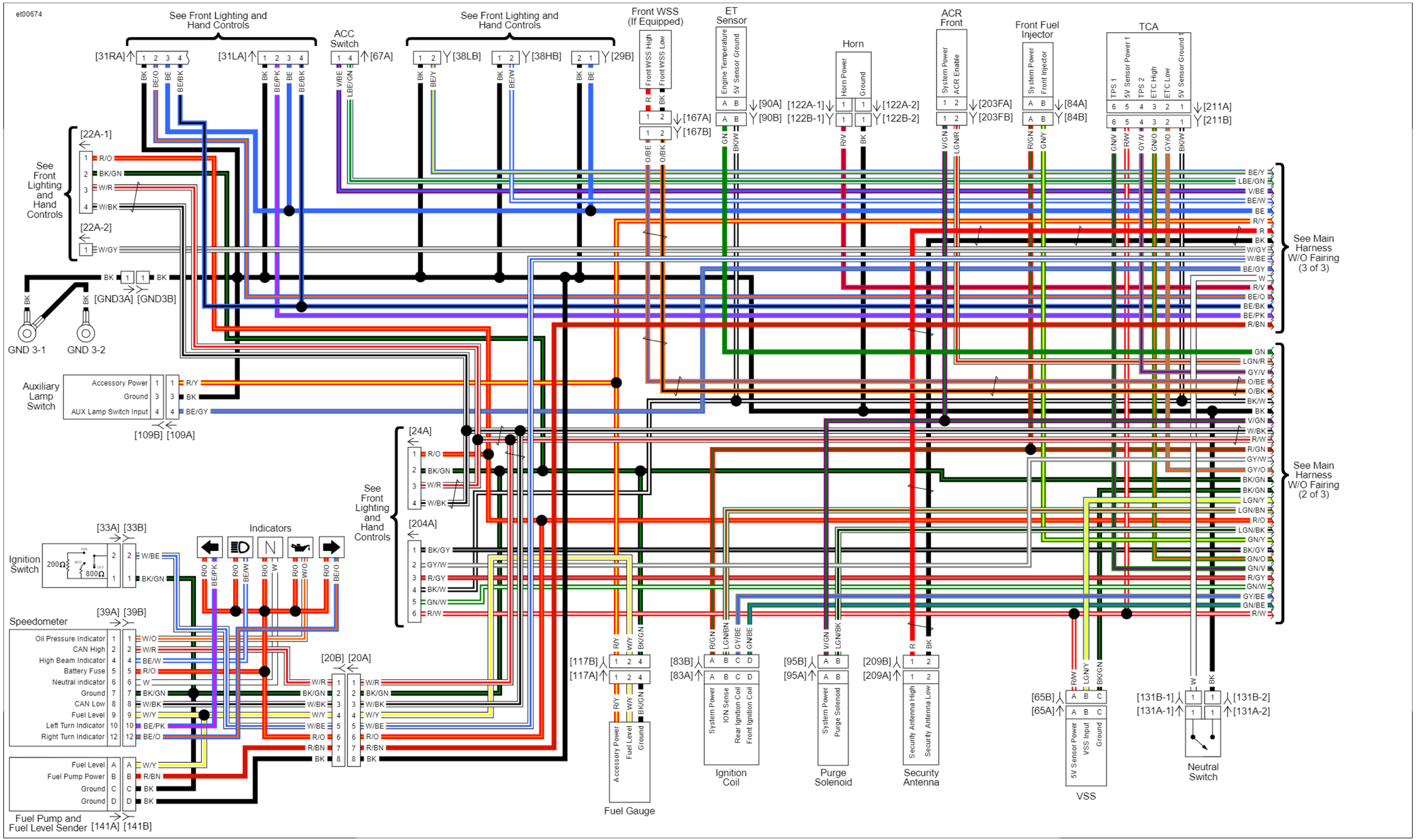
Main Harness FLT (1 of 3): 2015 Touring



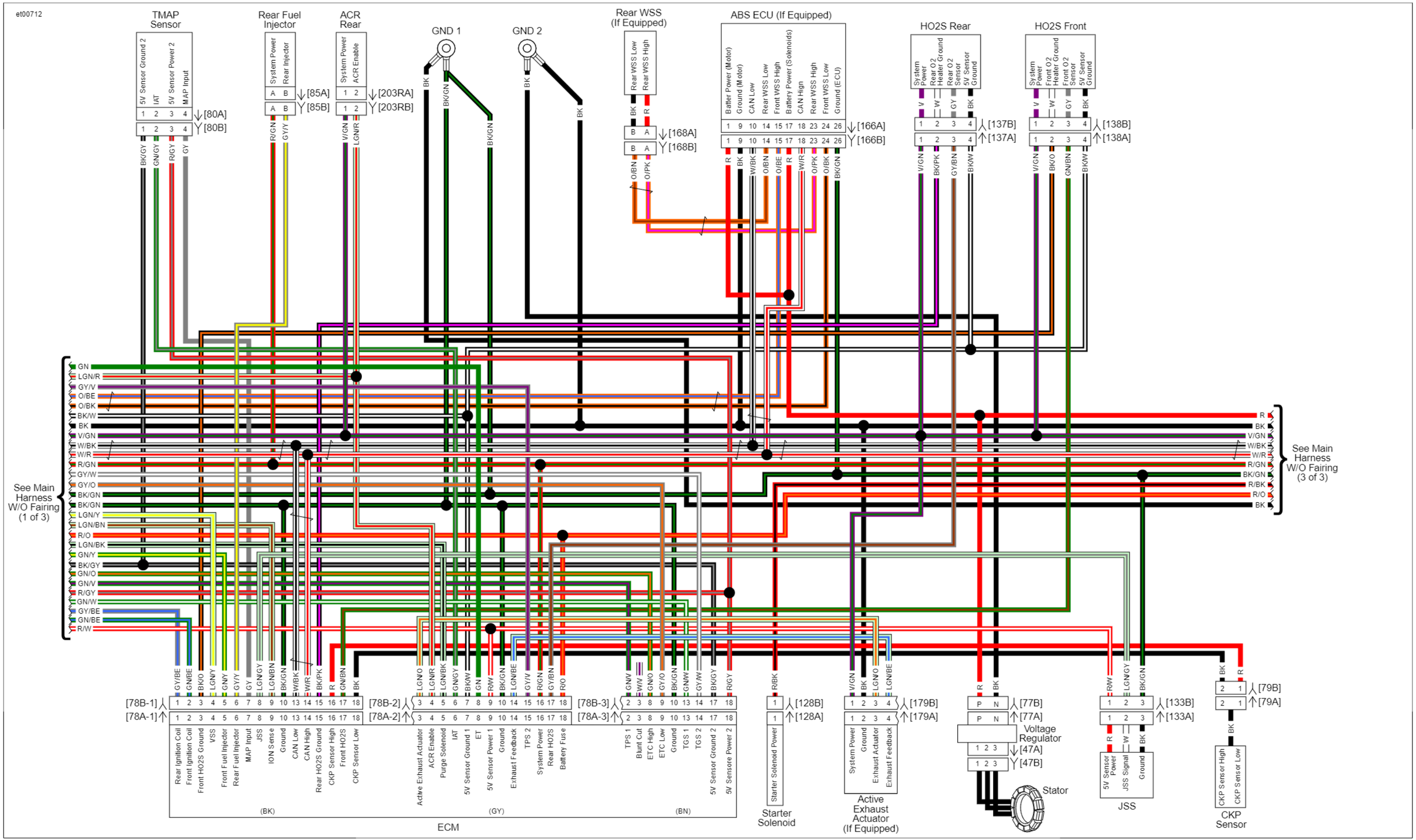
Main Harness FLT (2 of 3): 2015 Touring



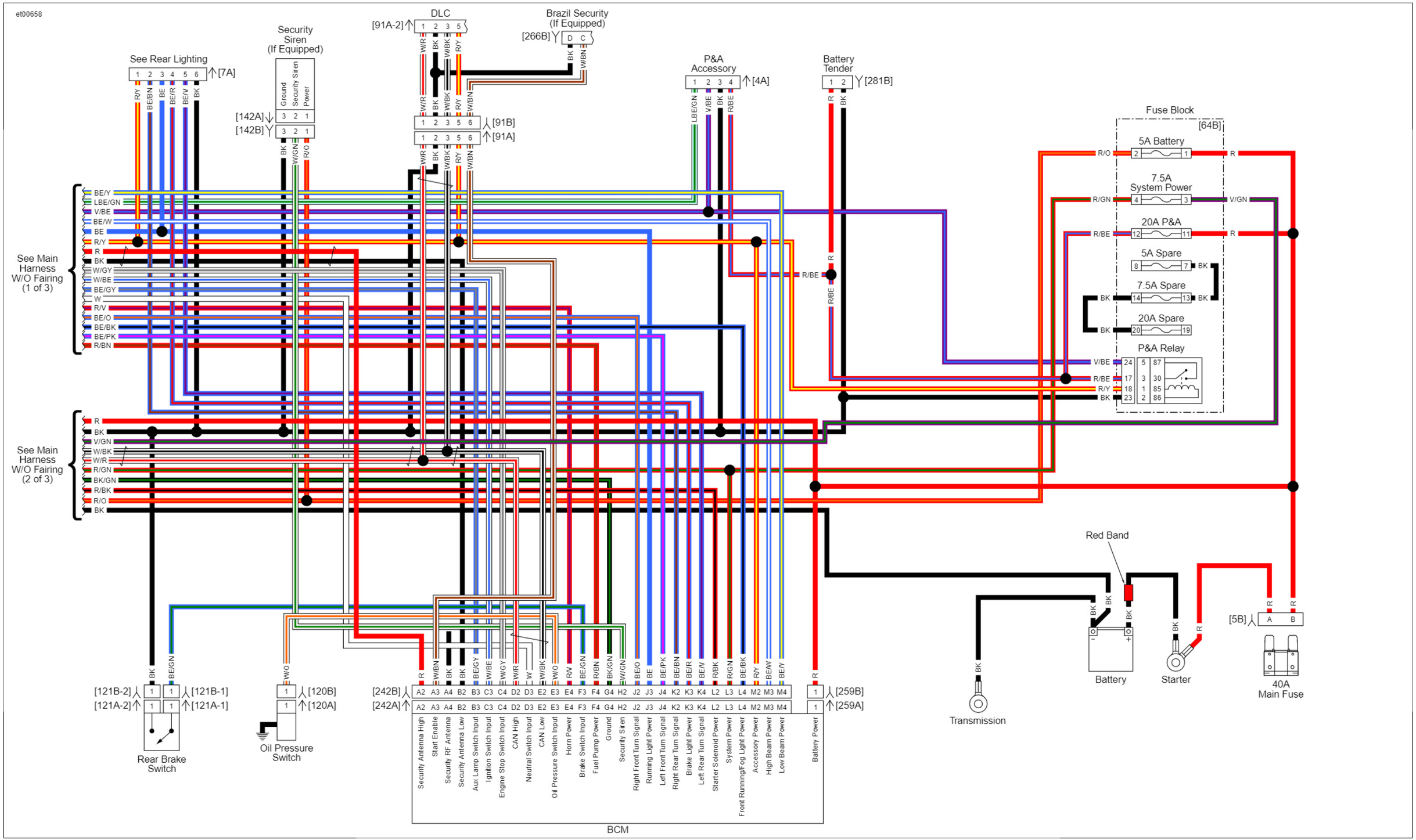
Main Harness FLT (3 of 3): 2015 Touring



Main Harness (1 of 3): 2015 Touring (Without Fairing)

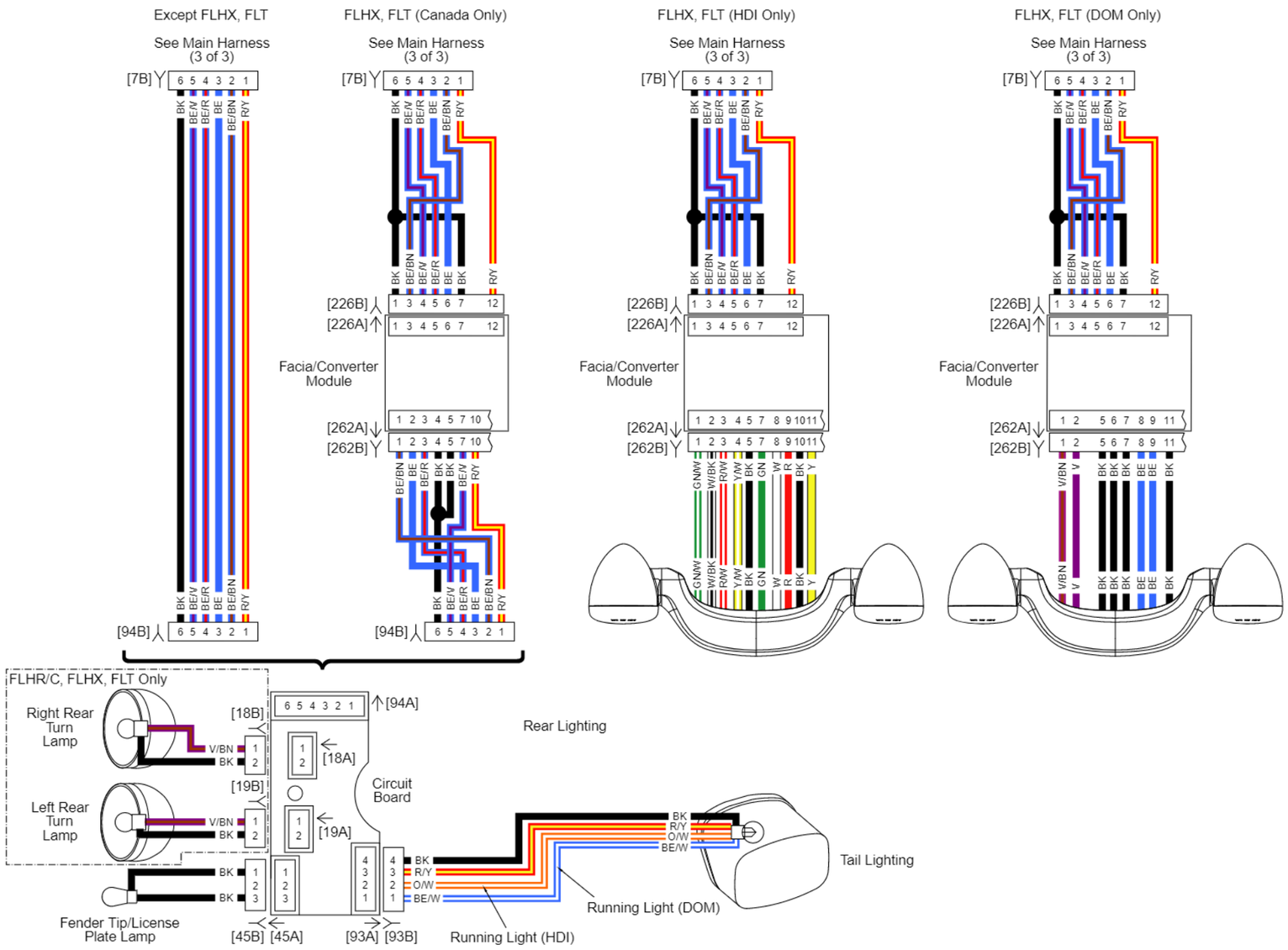


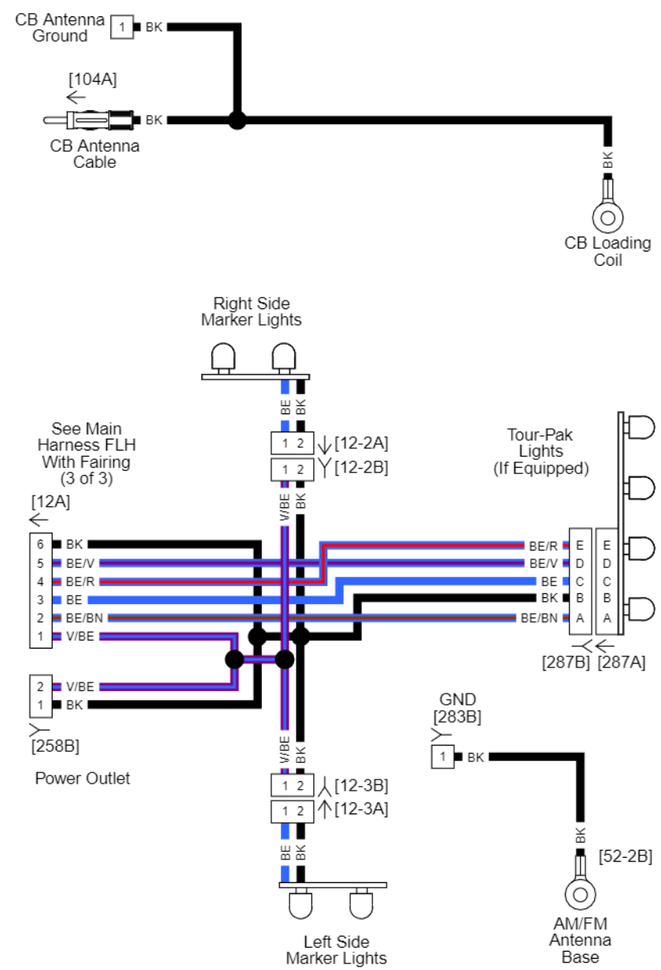
Main Harness (2 of 3): 2015 Touring (Without Fairing)



Main Harness (3 of 3): 2015 Touring (Without Fairing)

et00671





Rear Lighting: 2015 Touring

et00673

Radio
CAN High A1 A1 W/R
CAN Low A2 A2 W/BK
AUX CAN Low A3 A3 W/BN
AUX CAN High A4 A4 W/PK
Ground B1 B1 BK
Rear Switch Input B2 B2 LBE/PK
Front Microphone (+) C1 C1 R
Microphone Common (-) C2 C2 BK
Microphone Sum Out (+) C3 C3 R
Rear Microphone (+) D1 D1 R/W
Microphone Shield D2 D2 BK/W
Microphone Sum Out (-) D3 D3 BK
Left Rear Headset (+) E1 E1 LBE/W
Right Rear Headset (+) E2 E2 LBE/V
Headset Common (-) E3 E3 BK/PK
Left Front Headset (+) F1 F1 PK/GN
Right Front Headset (+) F2 F2 PK/BE
External AMP Power Control F4 F4 LBE/BN
Left Rear Speaker (-) H1 H1 LBE/GY
Audio In 1 Right (+) H2 H2 R
Audio In 1 Shield/Mono (-) H3 H3 BK
Left Rear Speaker (+) J1 J1 LBE/O
Audio In 1 Left/Mono (+) J2 J2 W
Audio In 3 Left/Mono (+) J3 J3 W
Right Rear Speaker (+) K1 K1 LBE
Right Rear Speaker (-) K2 K2 LBE/BK
Audio In 3 Right (+) K3 K3 R
Audio In 3 Shield/Mono (-) K4 K4 BK/Y
Left Front Speaker (-) L1 L1 PK/GY
Left Front Speaker (+) L2 L2 PK/O
Ground L3 L3 BK
Ground L4 L4 BK
Right Front Speaker (+) M1 M1 PK
Right Front Speaker (-) M2 M2 PK/BK
Radio Fuse M3 M3 R/PK
Radio Fuse M4 M4 R/PK
[27A] [27B]

Antenna [51A] 1 BK

P&A Audio [280A] 1 2 3 4 5 6 7 8 9 10 11 12
R R/W BK PK/BE PK/GN BK/PK LBE/W LBE/V V/BE BK LBE/BN
R/BE

CB Module
Mic Out (+) Y
Mic Out (-) W
CB, Audio (+) R
CB, Audio (-) BK
Power R/O
Ground BK/GN
CAN High Y/O
CAN Low Y/W
[184B] 1 2 3 4 5 6 7 8 9 10 11 12
[184A] 1 2 3 4 5 6 7 8 9 10 11 12
R BK R W BK R W BK/Y R/BE BK W/PK W/BN
BK/W

CB Antenna [50A] 1 BK

Rider Headset
[225B] 2 5 6 3 4 1 TAB
PK/GN BK PK/BE R BK BK/W
[53B] 1 2 3 4 5 6
[53A] 1 2 3 4 5 6
PK/GN BK/PK PK/BE R BK BK/W

CAV	CIR	DESCRIPTION
1	BK	MICROPHONE, COMMON (-)
2	BK	HEADSET, COMMON (-)
3	PK/BE	HEADSET, RT FRONT (+)
4	R	MICROPHONE, FRONT (+)
5	PK/GN	HEADSET, LT FRONT (+)
6	BK	JUMPER
7		N/C
TAB	SHIELD	MICROPHONE, SHIELD

[162A] [162B]
LBE/O 1 1 LBE/O
LBE/GY 2 2 LBE/GY
LBE/W 3 3 PK/GN
BK/PK 4 4 BK
LBE/V 5 5 PK/BE
R 6 6 R
BK 7 7 BK
BK/W 8 8 BK/W
LBE 9 9 LBE
LBE/BK 10 10 LBE/BK
R/Y 14 14 W/R
LBE/PK 15 15 W/BN
BK/GN 16 16 W

[37B] [37A] Left Rear SPKR
LBE/O 1 +
LBE/GY 2 -

[76B]
PK/GN 5
BK 2
PK/BE 3
R 4
BK 1
BK/W TAB

Passenger Headset
TAB 6 1 2 3 4 5

CAV	CIR	DESCRIPTION
1	BK	MICROPHONE, COMMON (-)
2	BK	HEADSET, COMMON (-)
3	PK/BE	REAR RT HEADSET (+)
4	R	REAR MICROPHONE (+)
5	PK/GN	REAR LT HEADSET (+)
6		
7		
TAB	SHIELD	MICROPHONE, SHIELD

[36B] [36A] Right Rear SPKR
LBE 1 +
LBE/BK 2 -

W/R Accessory Power
W Ground
W/BN Rear Switch Input 1
Speaker POD Switch

BK [104B] 1 Antenna
BK [51D] 1 CB Antenna

BK/GN
GND 1

P&A Accessory [4A] 1 2 3 4 5 6 7 8
LBE/GN LBE/R V/BE BK LBE/Y LBE/W LBE/V R/BE

Fuse Block
20A Radio R/PK 6 5 R
20A P&A R/BE 12 11 R
P&A Relay
V/BE 24 5 87
R/BE 17 3 30
R/Y 18 1 85
BK 23 2 86
[64B]

[105RB] 1 2 3 4 5
LBE/Y LBE/W LBE/Y BK V/BE
P&A Dash Switch Pack

BK 1 [GND3-B]
BK 1 [GND3-A]
GND 3-2 GND 3-1

Red Band
GND 1 Battery Starter
R R A B [5B]
50A Main Fuse

To Main Harness
W/BK W/R

[2B] 9 10 11 12 PK PK/BK PK/O PK/GY
[2A] 9 10 11 12 PK PK/BK PK/O PK/GY
GND 2

[105LB] 1 2 3 4 5 LBE/R LBE/GN BE/GY BK V/BE
[105LA] 1 2 3 4 5
OE Switch Output 3
OE Switch Output 2
Aux/Fog Lamp Switch
GND
P&A Relay Power
OE Dash Switch Pack

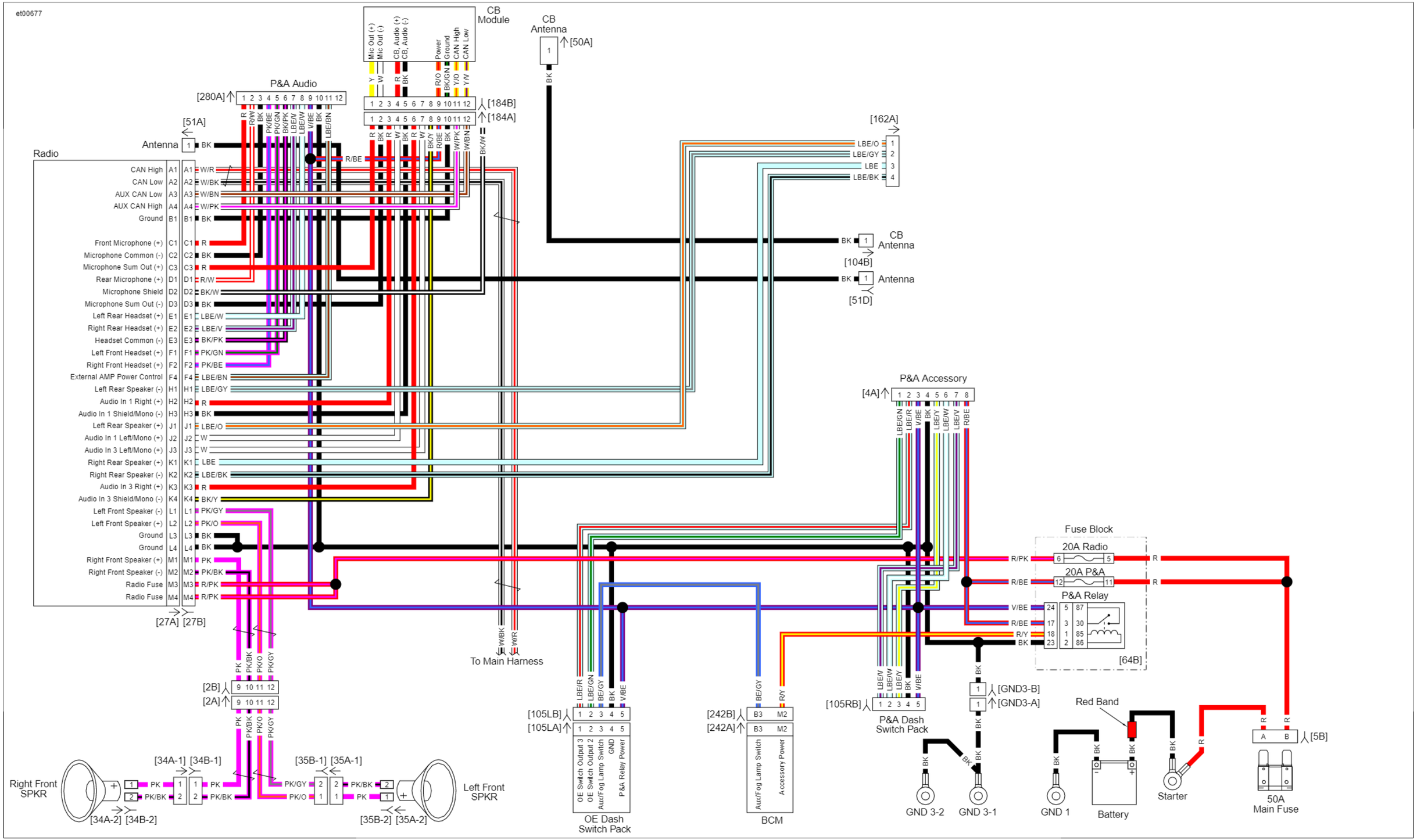
[242B] B3 M2 BE/GY R/Y
[242A] B3 M2
Aux/Fog Lamp Switch
Accessory Power
BCM

Right Front SPKR
[34A-1] [34B-1] 1 1 PK 2 2 PK/BK
[34A-2] [34B-2]

Left Front SPKR
[35B-1] [35A-1] 2 2 PK/BK 1 1 PK
PK/GY PK/O
[35B-2] [35A-2]

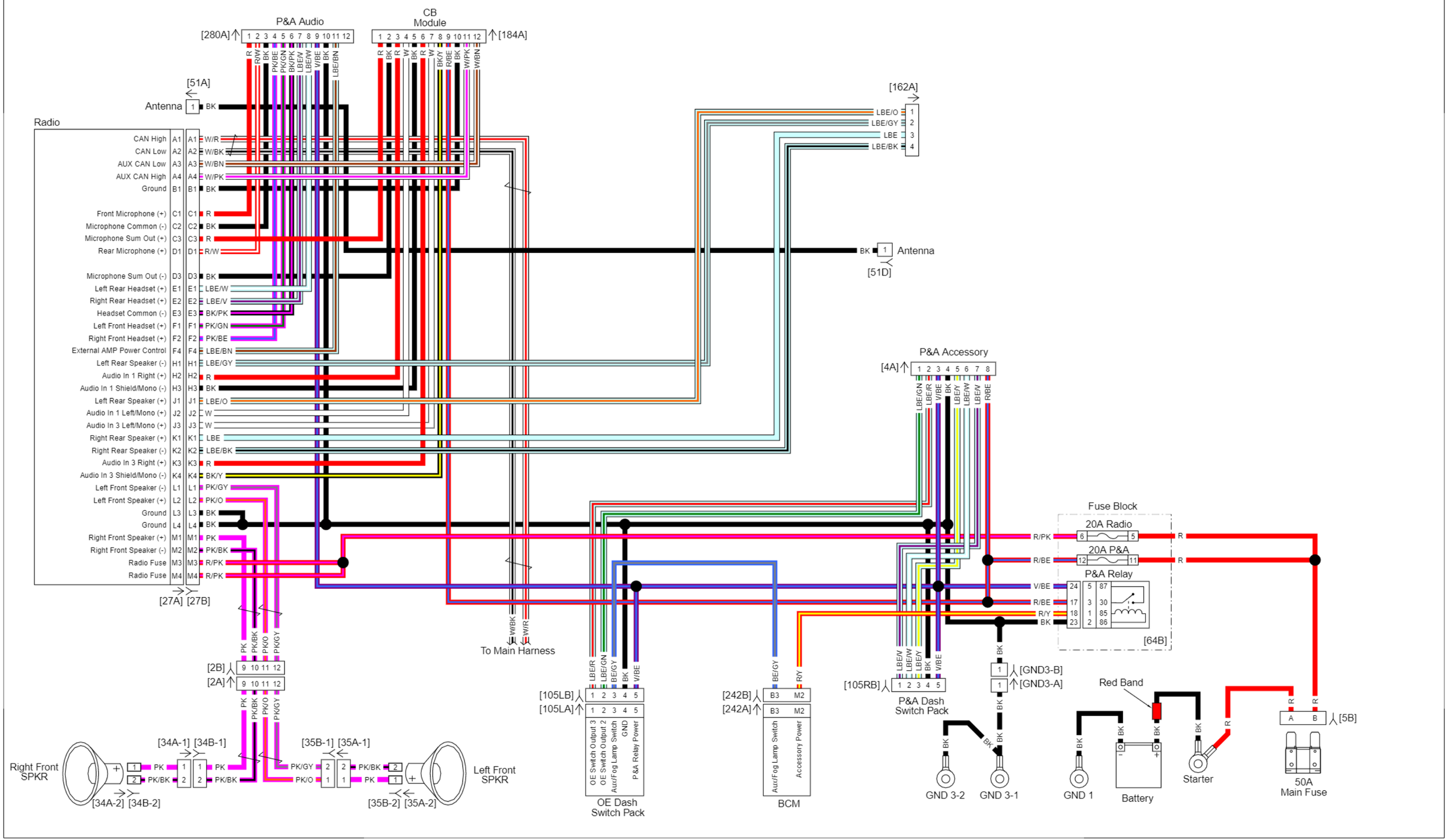
OE Radio: 2015 Touring (Except FLHX/S, FLT)

et00677

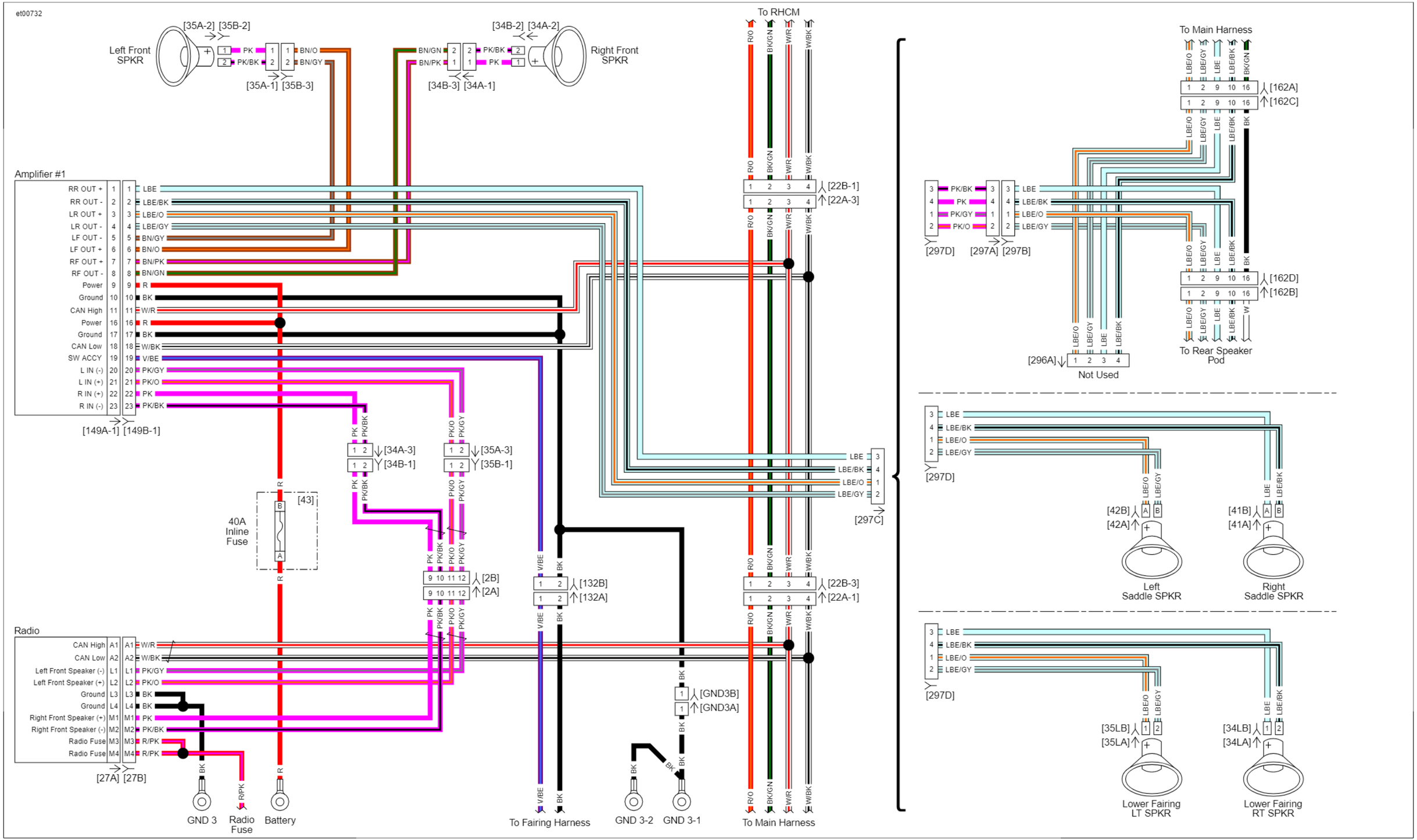


OE Radio: 2015 Touring (FLHX/S)

et00672

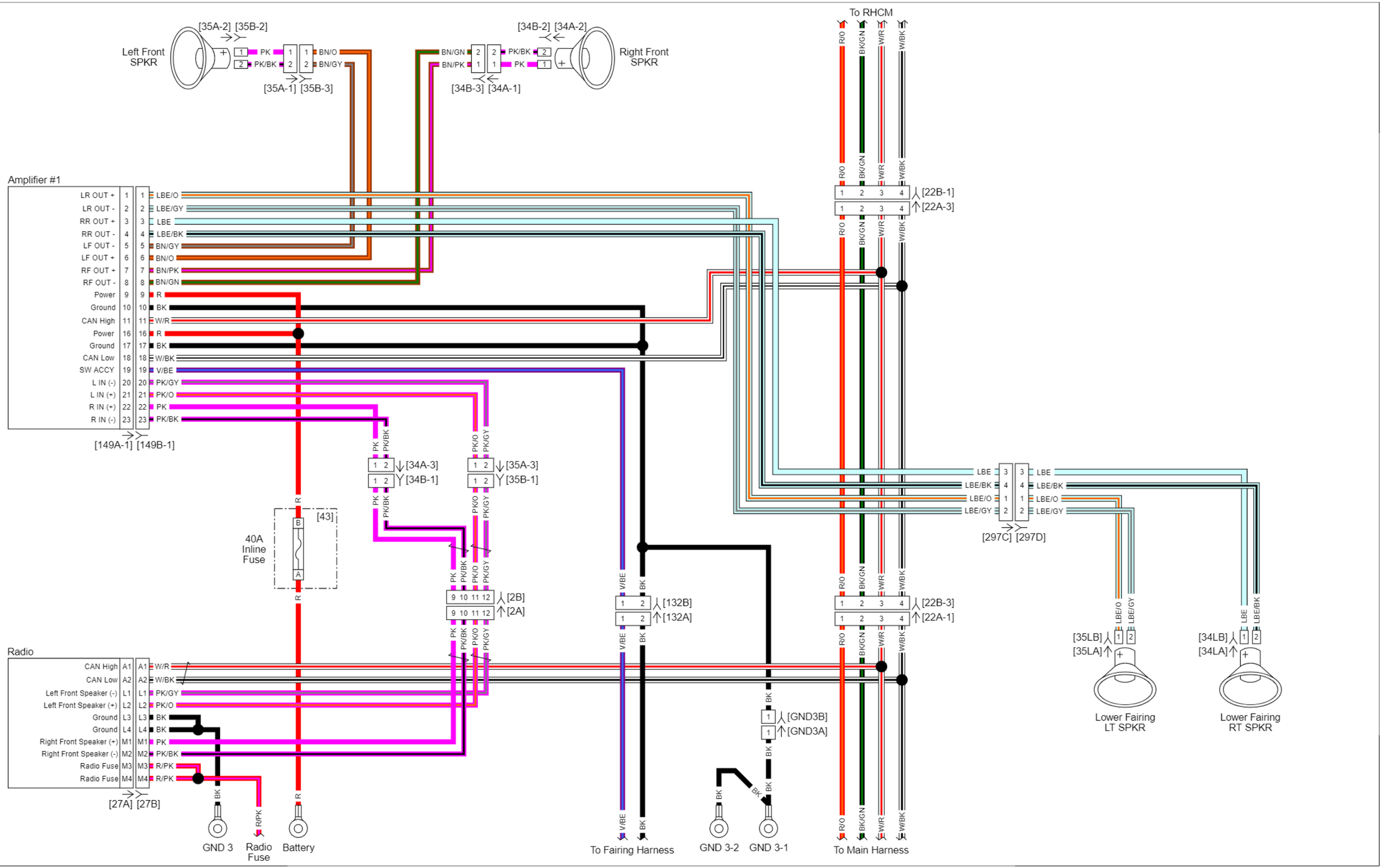


OE Radio: 2015 Touring (FLT)



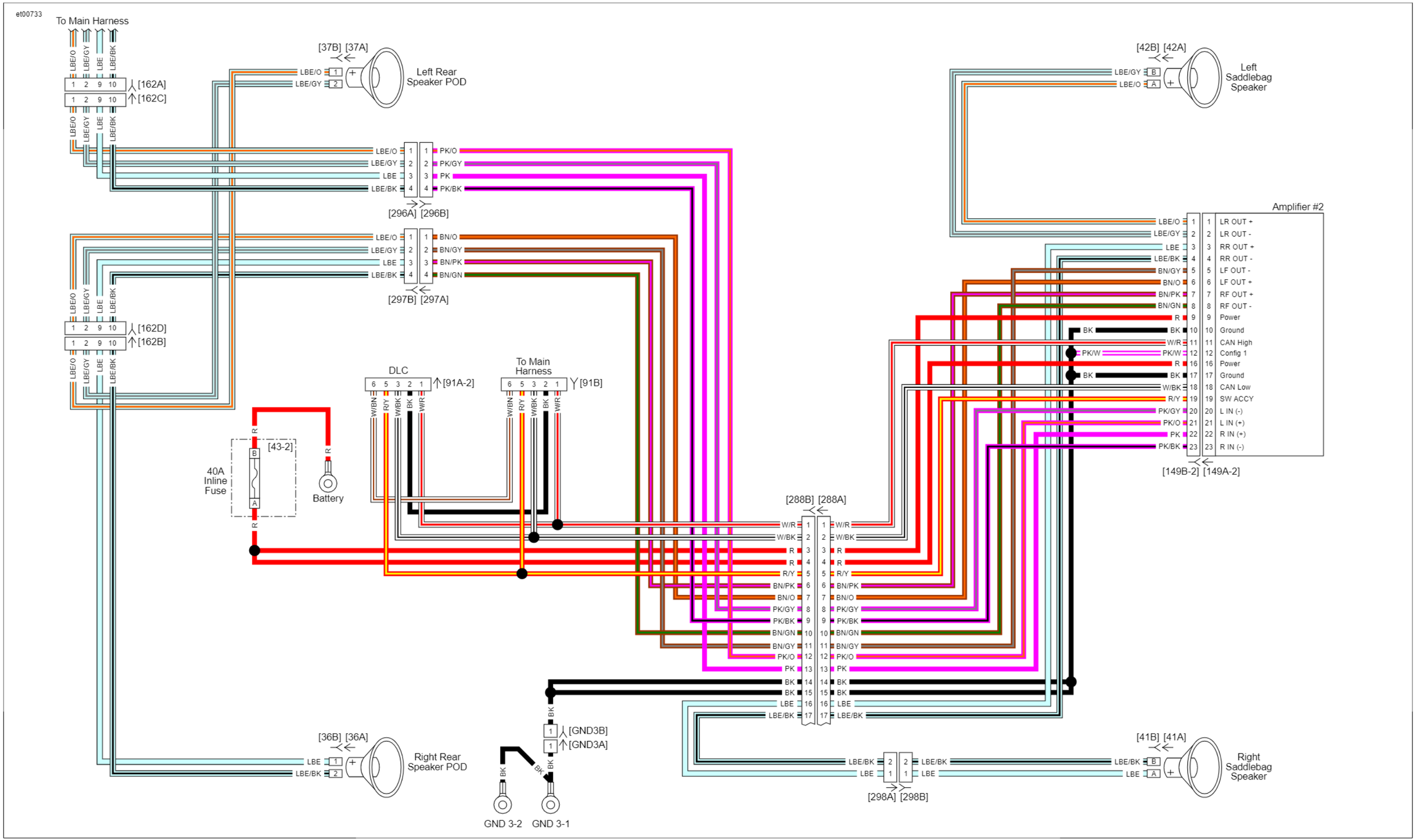
P&A Radio w/1 Amp: 2015 Touring

et00731



P&A Radio w/2 Amps (1 of 2): 2015 Touring

et00733



P&A Radio w/2 Amps (2 of 2): 2015 Touring

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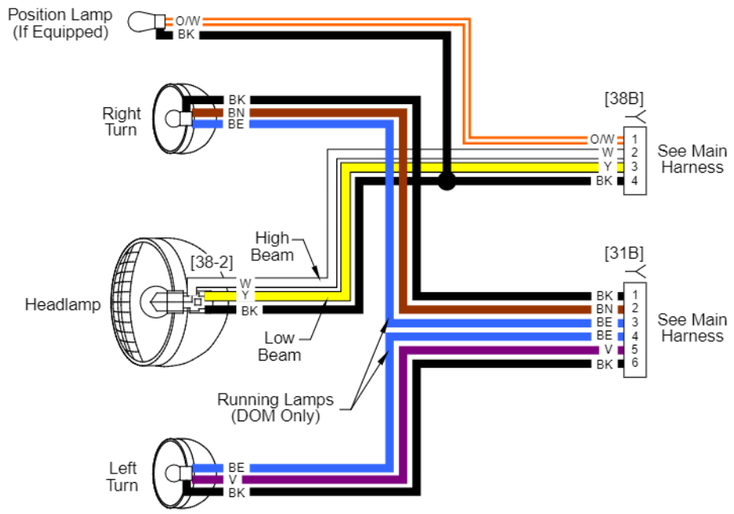
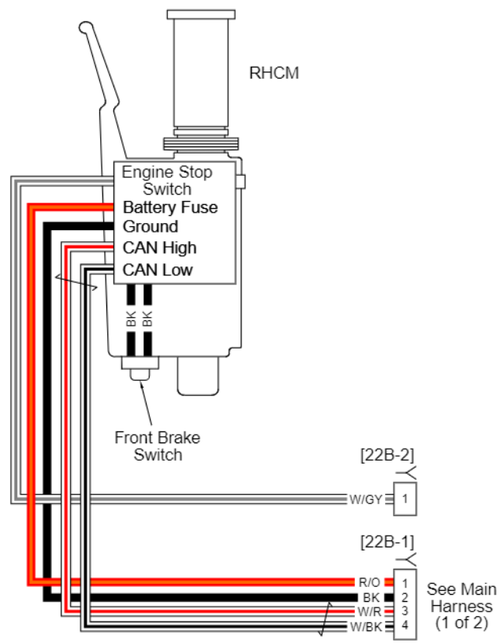
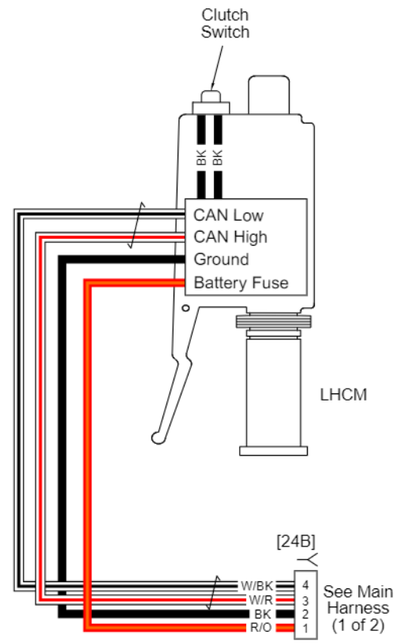
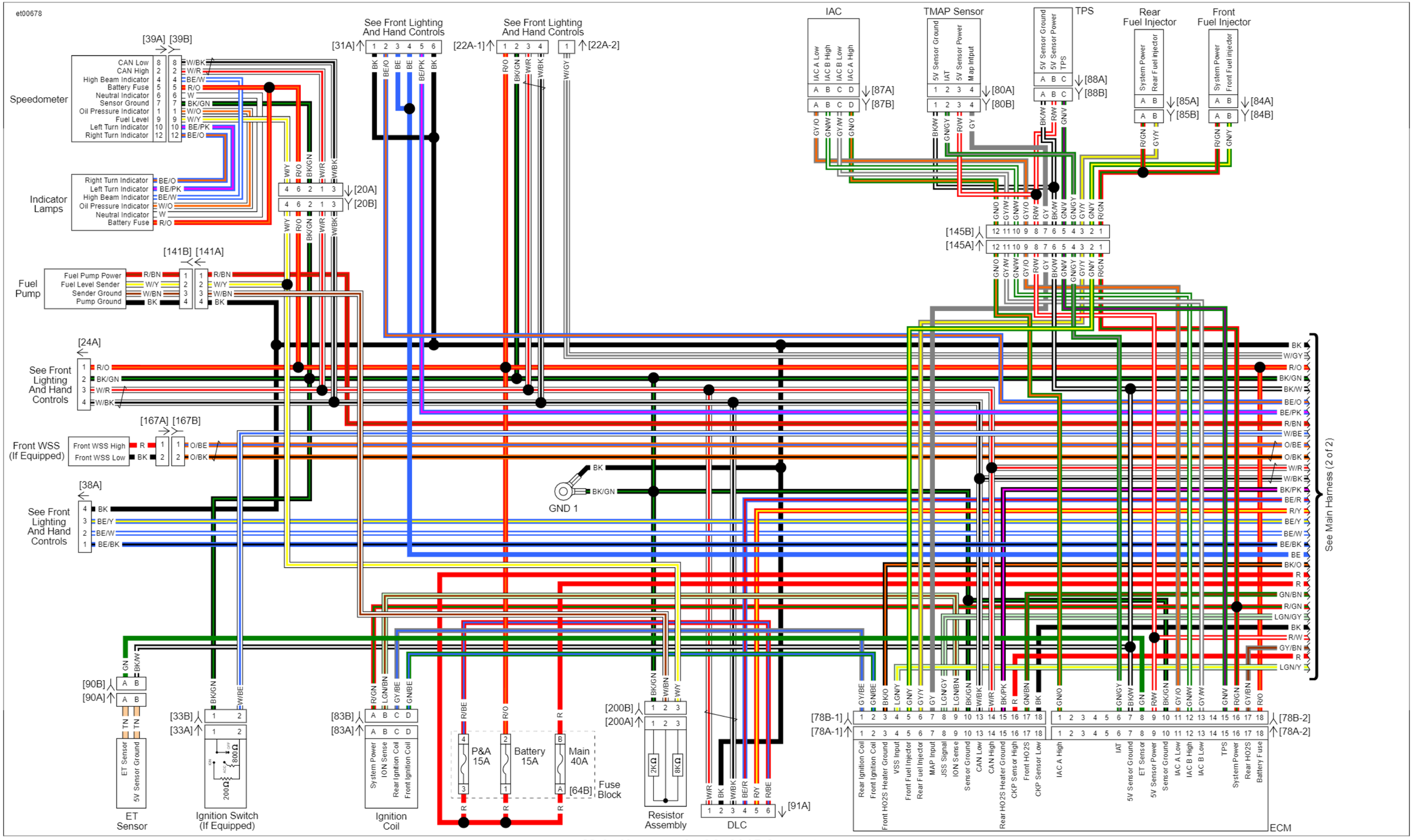


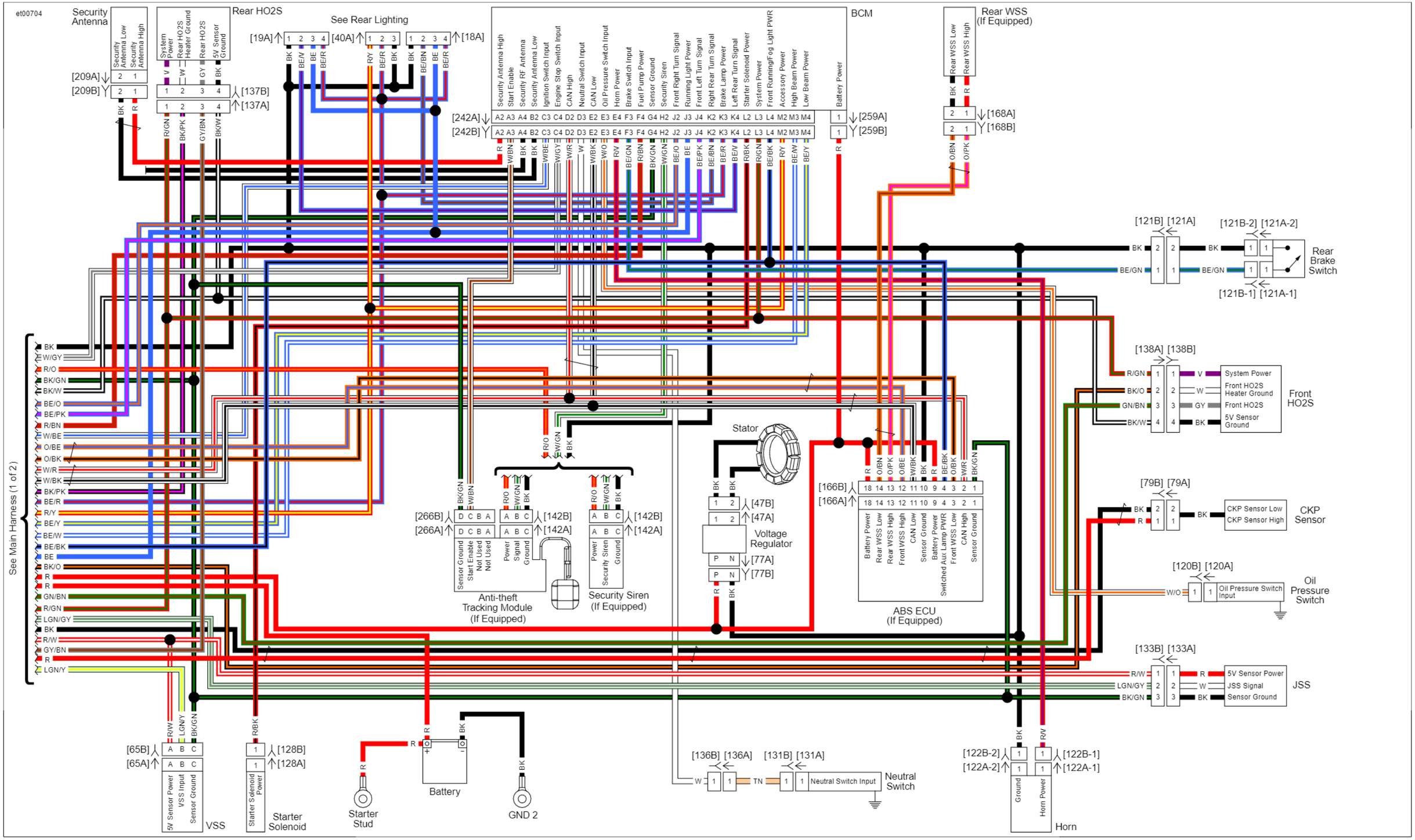




Front Lighting and Hand Controls: 2015 Sportster



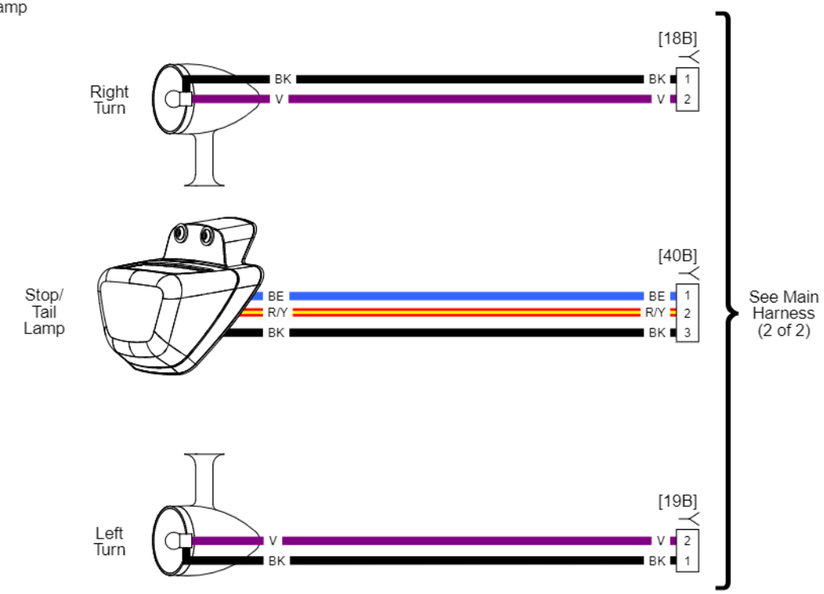
Main Harness 1 of 2: 2015 Sportster



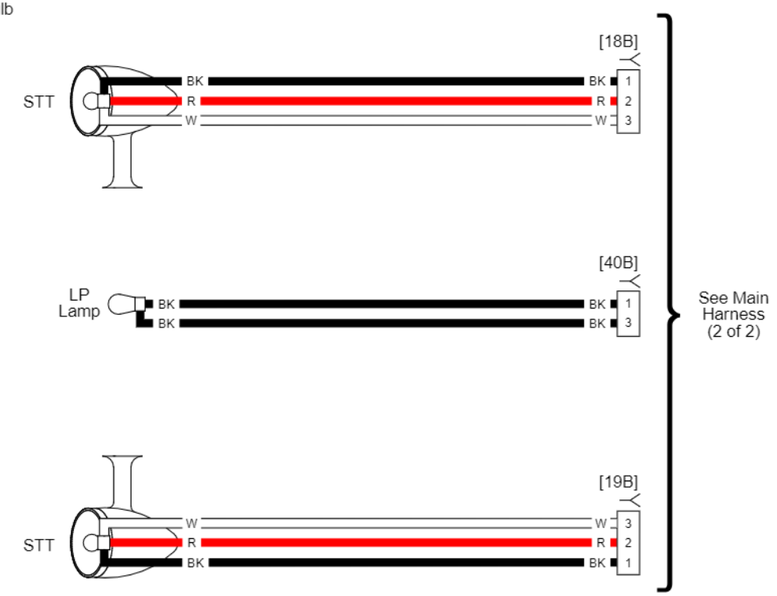
Main Harness 2 of 2: 2015 Sportster

et00599

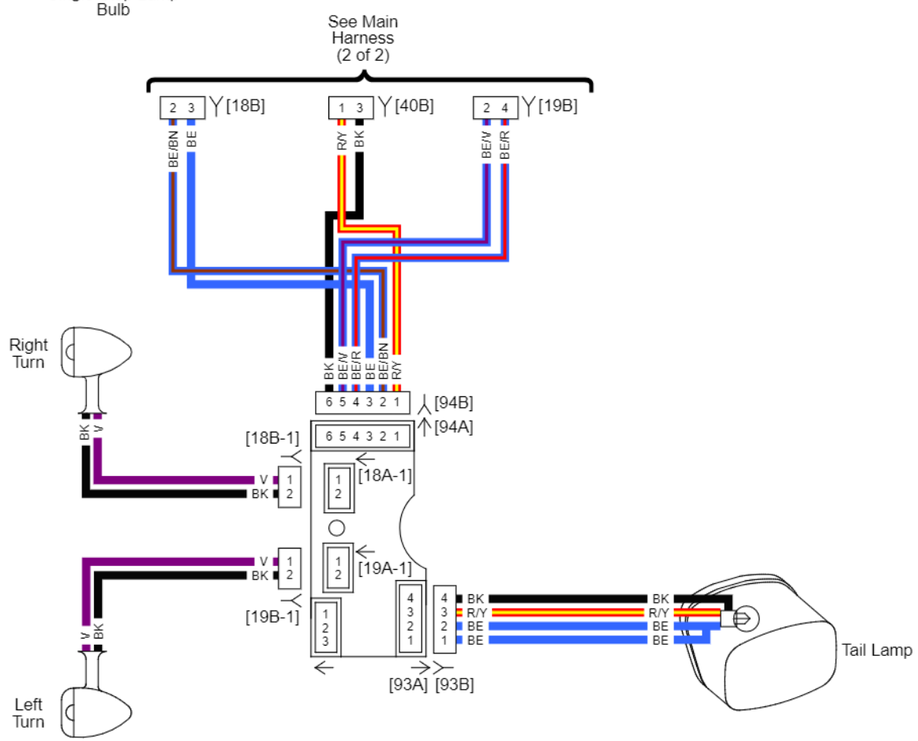
Single Stop Lamp
LED



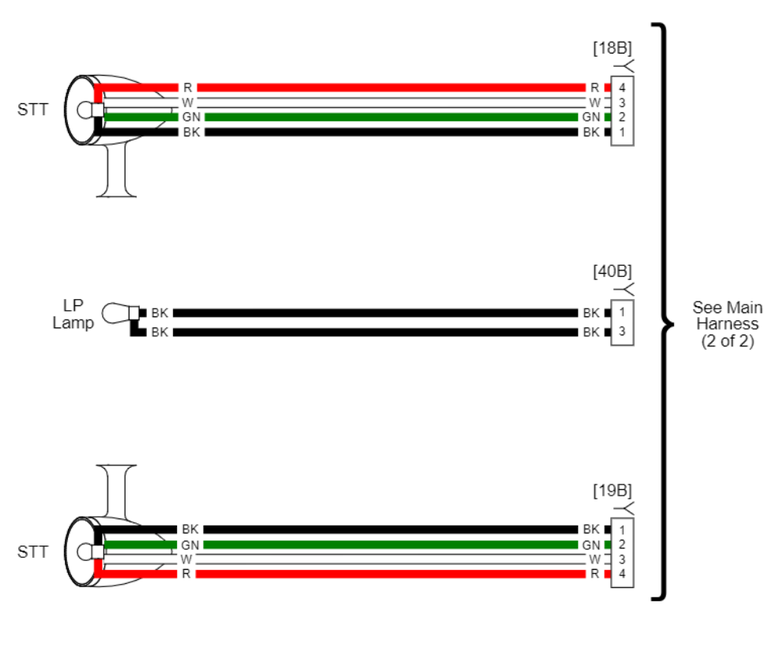
Dual Stop Lamp Bulb
w/LED LP Lamp



Single Stop Lamp
Bulb

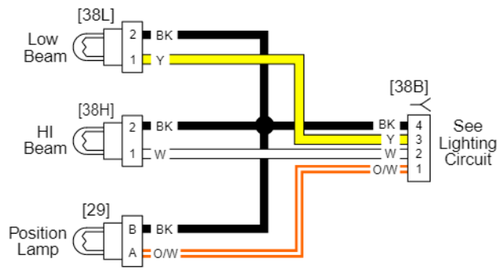


Dual Stop Lamp
LED



Rear Lighting: 2015 Sportster

et00645



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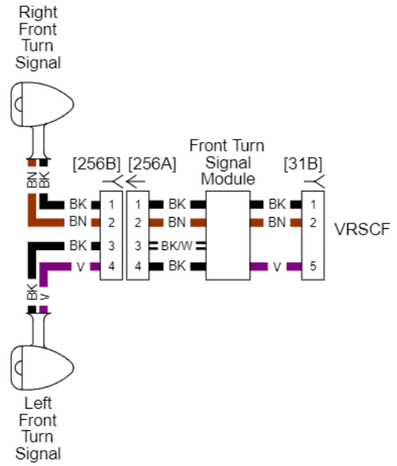
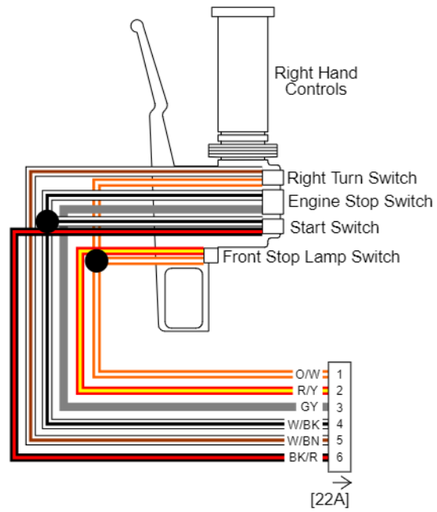
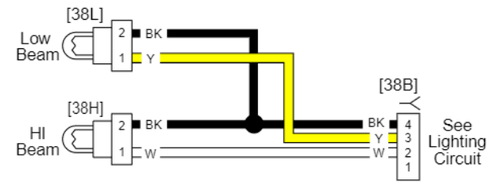
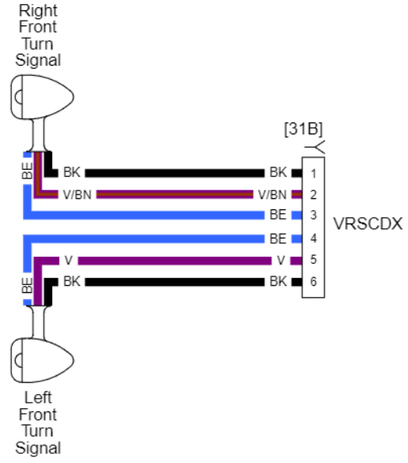
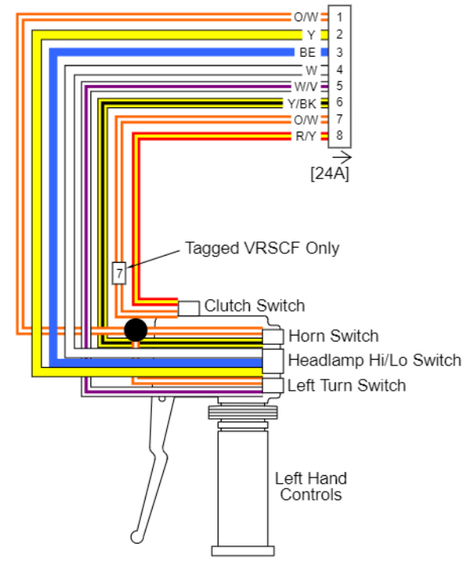




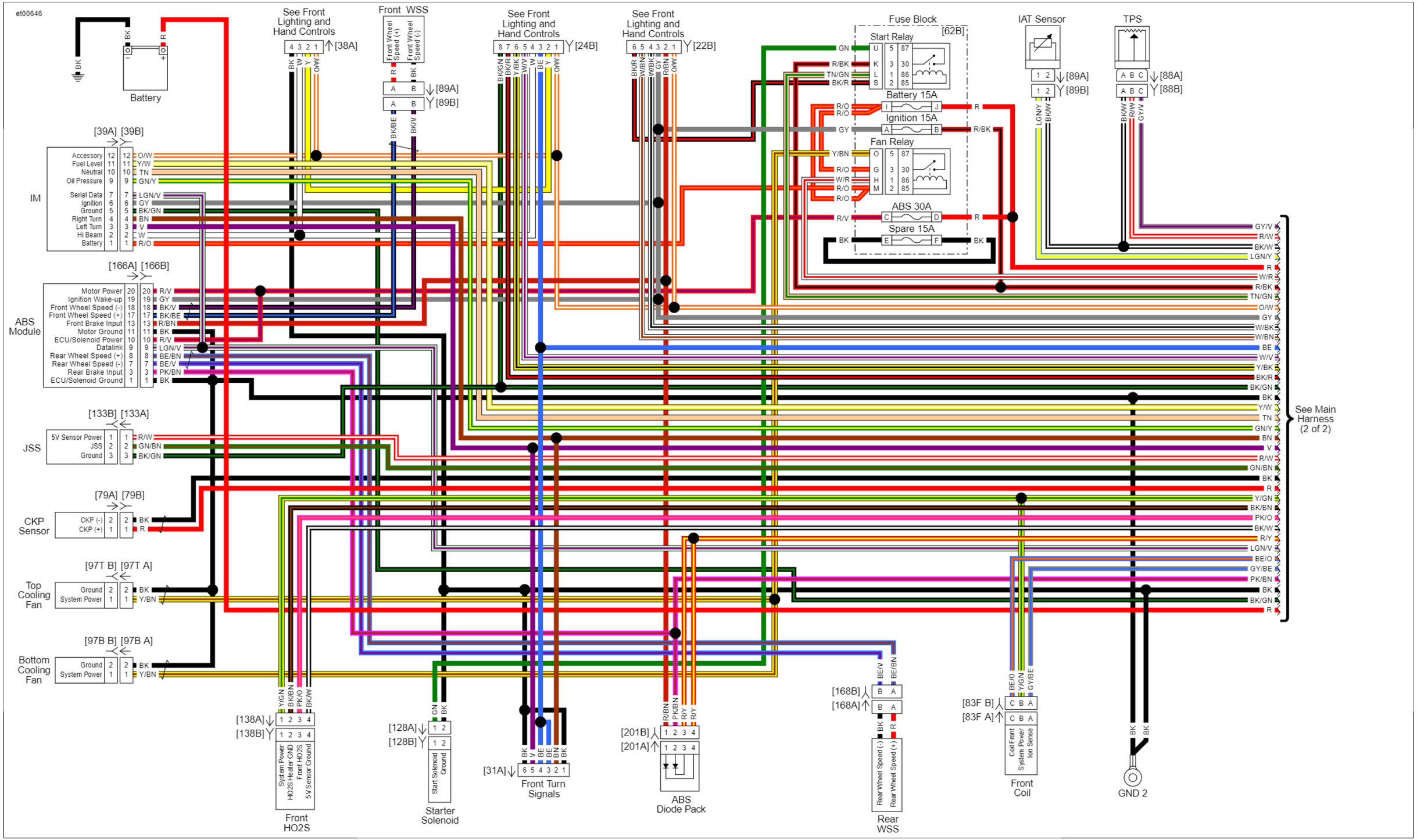


DOM

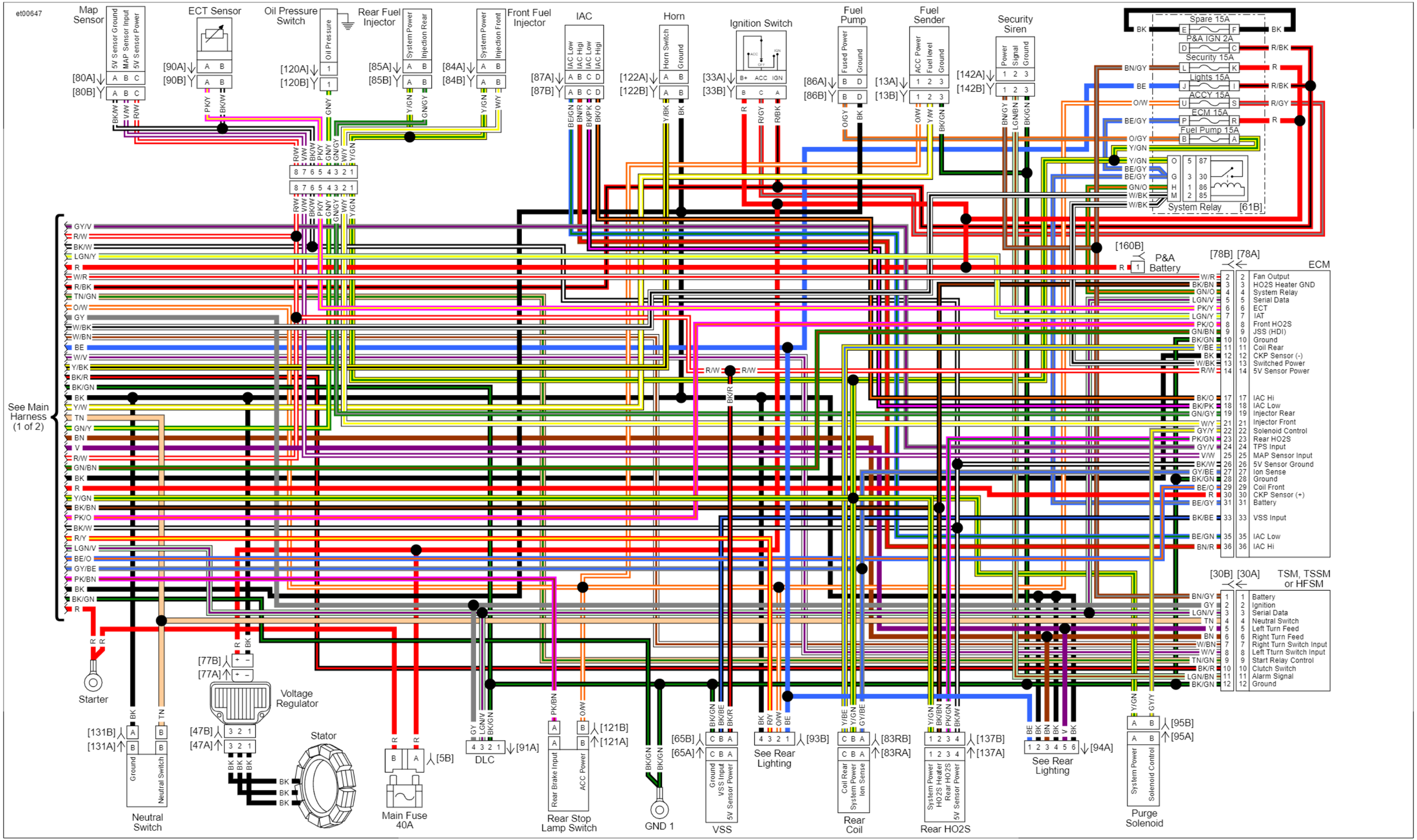




Front Lighting and Hand Controls: 2015 V-Rod



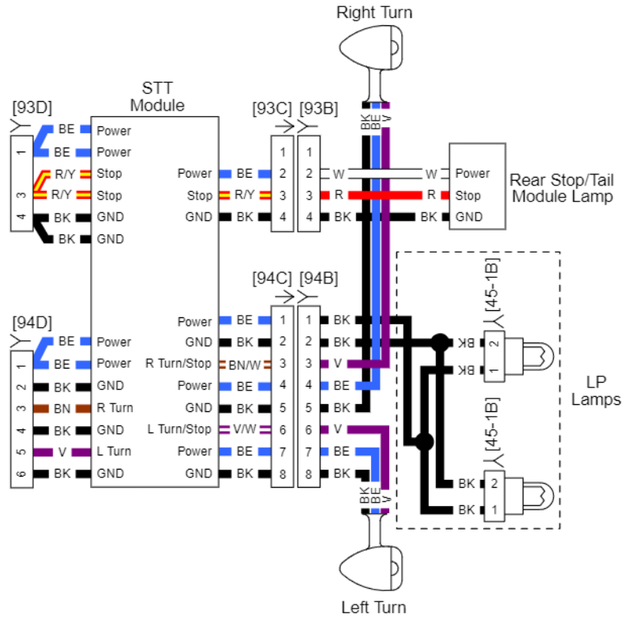
Main Harness (1 of 2): 2015 V-Rod



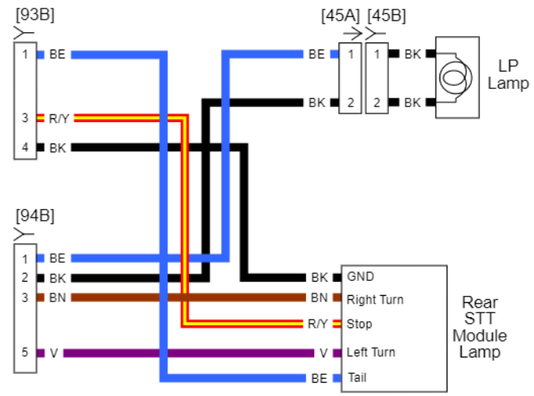
Main Harness (2 of 2): 2015 V-Rod

et00648

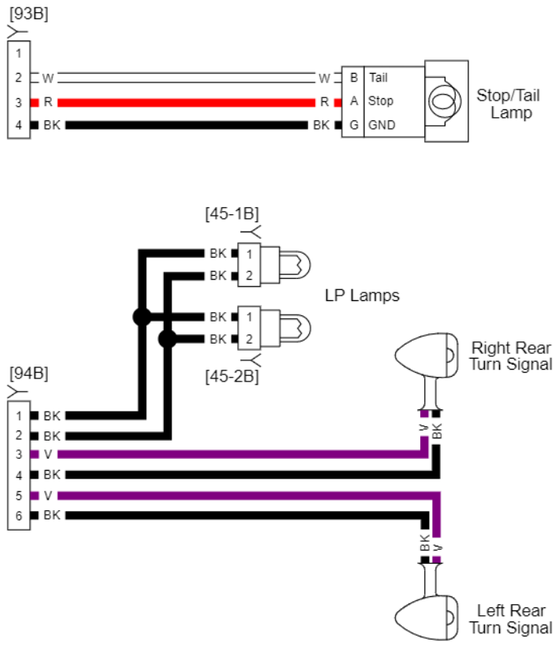
VRSCDX (DOM)



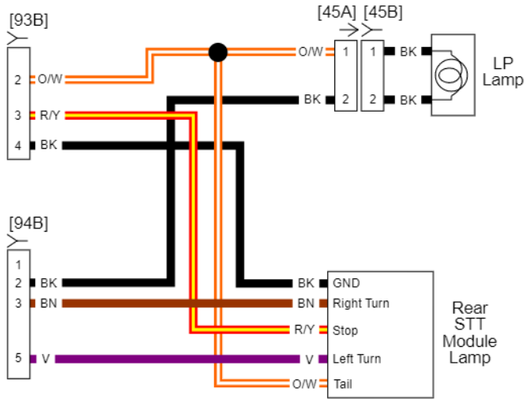
VRSCF (DOM)



VRSCDX (HDI)

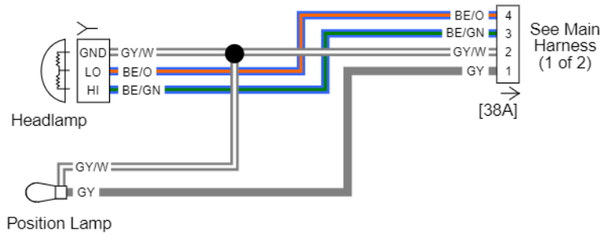


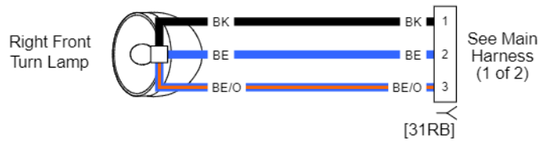
VRSCF (HDI)

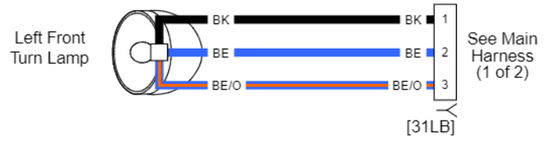


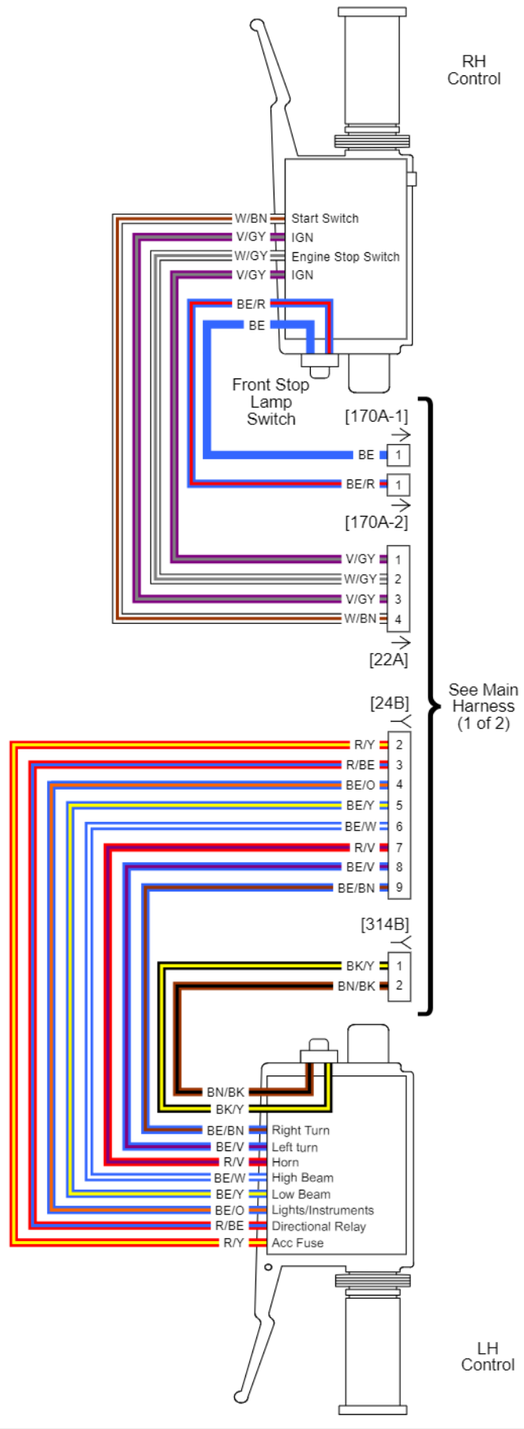
Rear Lighting: 2015 V-Rod

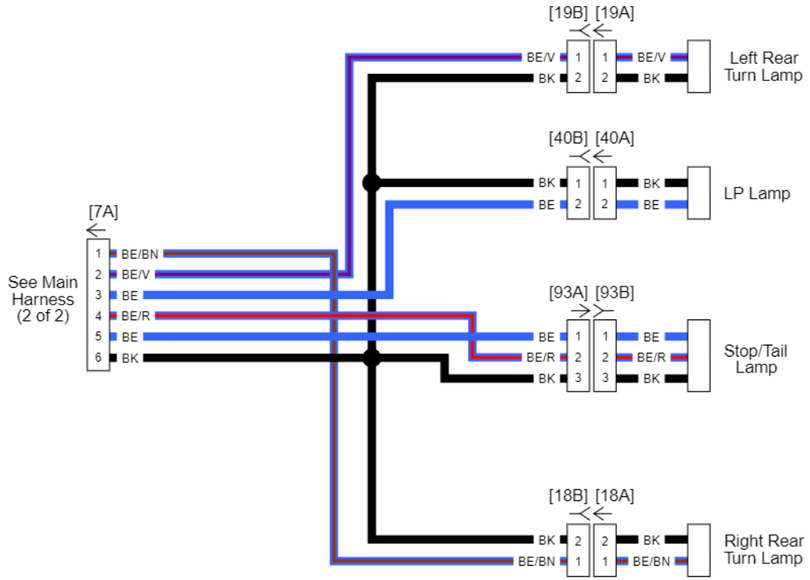
et00584



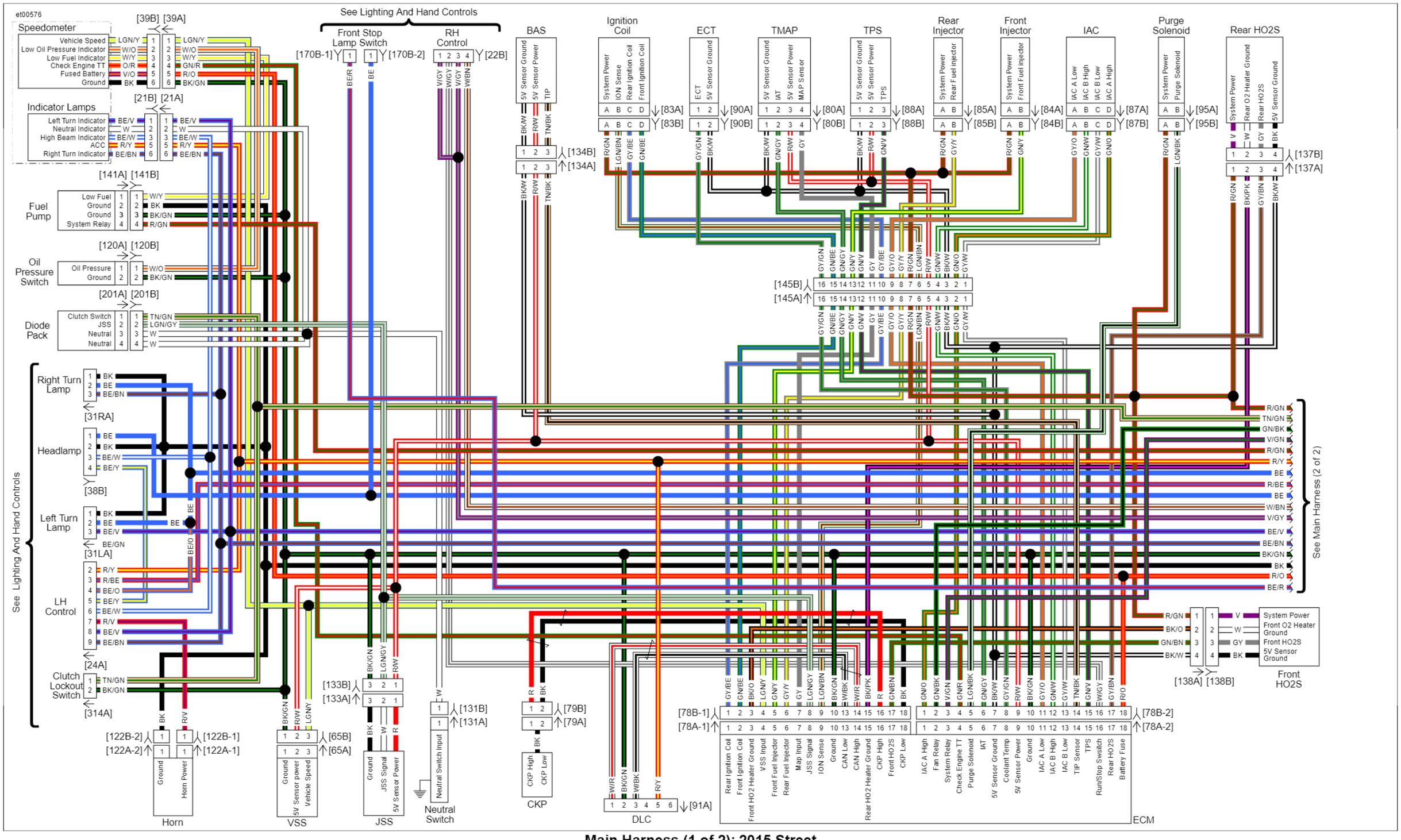








Lighting and Hand Controls: 2015 Street



Main Harness (1 of 2): 2015 Street

et00577

See Lighting and Hand Controls

[7B] 1 2 3 4 5 6 — BE/V, BE/BN, BE, BE/R, BE, BK

See Main Harness (1 of 2)

R/GN, TN/GN, GN/BK, V/GN, R/GN, R/Y, BE, R/BE, BE, W/BN, V/GY, BE/V, BE/BN, BK/GN, BK, R/O, BE/R

Ignition Switch

Main Power, IGN, ACC

R, R/BK, R/GY

[33A] 1 2 3

[33B] 1 2 3

R, R/BK, R/GY

Fuse Block [64B]

Ignition - 15A: R/BN (B) — (A) V/GY

Fan - 15A: R/PK (D) — (C) R

ACC - 5A: R/Y (F) — (E) R/GY

Fuel Pump - 10A: R/GN (H) — (G) R/GN

Lights - 10A: BE (J) — (I) R/BN

Lights/Instr - 10A: R/BE (L) — (K) R/GY

Battery - 5A: R/O (O) — (M) R

R/BE

BE

[30B] [30A] Flasher

BE — 2 — 2 Lights Fuse

R/BE — 1 — 1 Flasher Output

[62B] [62A] Relay Block

Start Relay: V/GY (4) 5 87 / 4 87A / 3 30 / 1 85 / 2 86 (2); TN/GN (5); TN/GN (1); W/BN (3)

Fan Relay: GY/BK (9); R/PK (10); GN/BK (8); R/PK (6)

System Relay: R/GN (4); V/GY (5); V/GN (1); V/GY (3)

Ignition Relay: R/BN (9); R (10); BK (8); R/BK (6)

[61B] [61A] Relay Block

[5A] [5B]

R — 2 — 2 Fuse Power

R/W — 1 — 1 Battery

Main Fuse 40 Amp

[128A] 2 1

[128B] 2 1

BK, TN/GY

R/W

Starter Solenoid: Ground (BK), Solenoid Power (GN)

R

Starter

Battery: R (+), BK (−)

Ground 1: BK

BK/GN

[77B] 1 3

[77A] 1 3

BK, R

Voltage Regulator

[47A] 3 2 1

[47B] 3 2 1

Stator

[121B-1] 1 — [121B-2]

[121A-1] 1 — [121A-2]

BE/R, BE

Rear Stop Lamp Switch

Ground 2

Ground 2A

BK

GY/BK, BK

2 1 [97A]

2 1 [97B]

Fan Relay Ground

Cooling Fan

Main Harness (2 of 2): 2015 Street

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et00682

Dual Headlamps

Right Turn and Running Lamp
Right Headlamp
Left Headlamp
Left Turn and Running Lamp
[31RA-2] [31RB-2] [31RB]
[38RB] [38RA-2] [38RB-2]
[38LB] [38LA-2] [38LB-2]
[31LA-2] [31LB-2] [31LB]
See Fairing Harness

FLHTCUTG

Right Auxiliary Lamp
Left Auxiliary Lamp
Right Turn and DOM Running Lamp
Left Turn and DOM Running Lamp
Fender Tip Lamp (If Equipped)
[73RB] [73LB]
[31RB] [32B] [31LB]
See Fairing Harness

FLHTCUTG

Headlamp
[38A]
See Fairing Harness

FLRT

[38A-2] [38B-2] [38B]
See Main Harness FLRT (1 of 3)

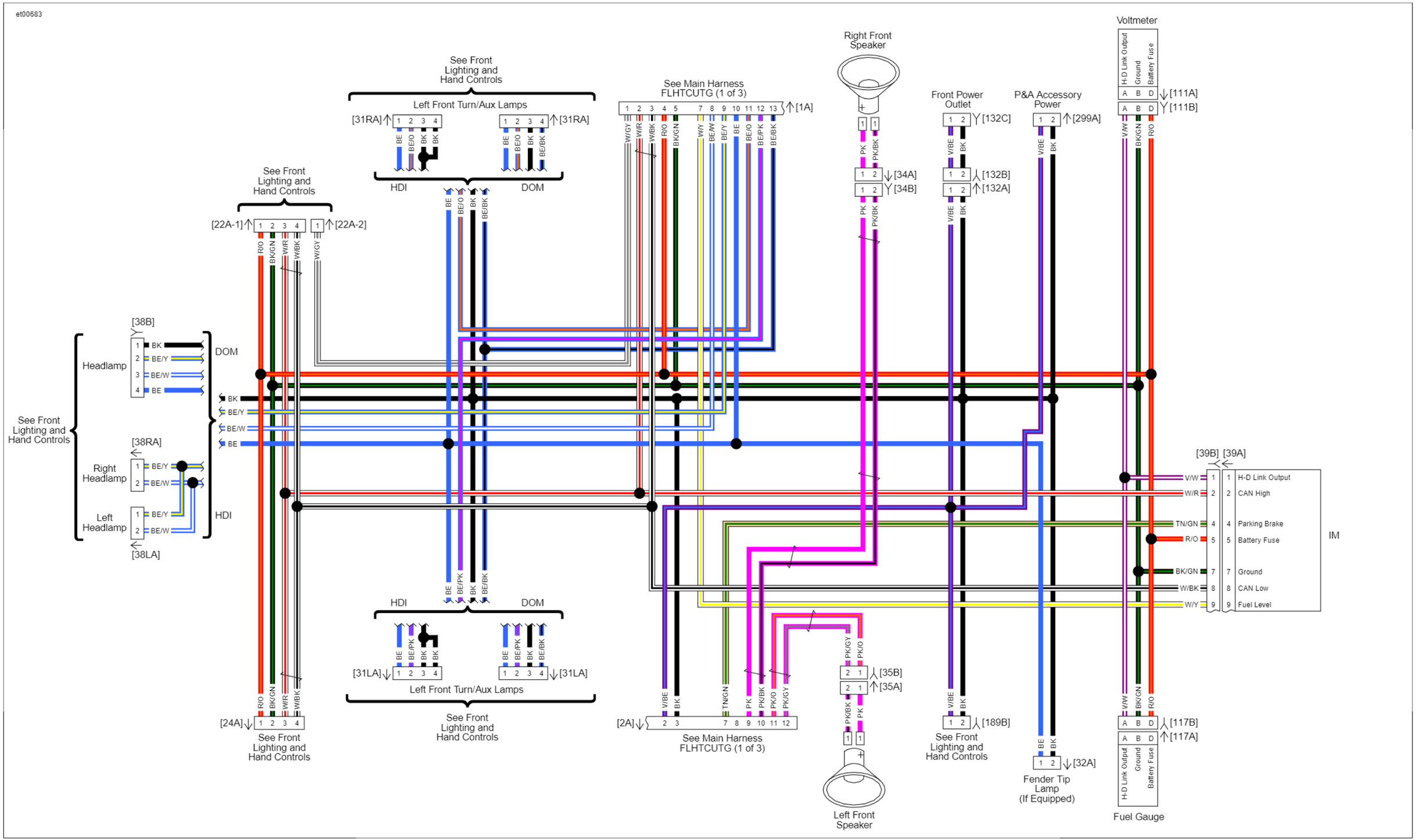
FLRT

Right Turn and DOM Running Lamp
Left Turn and DOM Running Lamp
[31RB] [31LB]
See Main Harness FLHT (1 of 3)

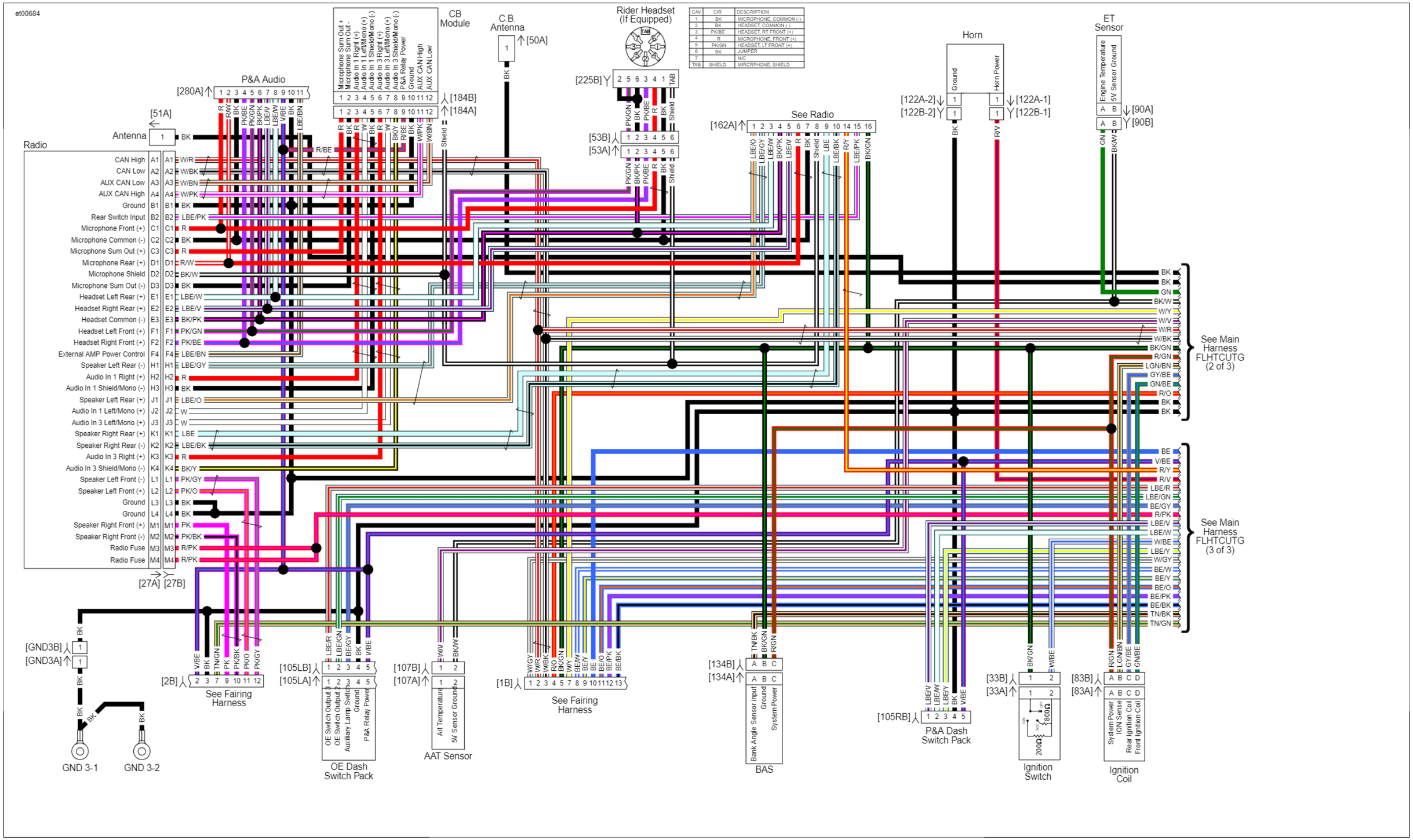
RHCM
[22D-2] [22C-2]
Engine Stop Switch
Battery Fuse
Ground
CAN High
CAN Low
TGS
Heated Hand Grips (If Equipped)
[22D-1] [22C-1]
Front Brake Switch
TGS 2
TGS 1
5V Sensor Power 2
5V Sensor Power 1
5V Sensor Ground 2
5V Sensor Ground 1
P&A Power
Ground
[224B] [224A] [237A] [237B]
[204B]
See Main Harness (2 of 3)
[22B-2] [22B-1]
See Main Harness
[206B] [206A]
[24B]
Clutch Switch
[189A]
Heated Hand Grips (If Equipped)
Can Low
Can High
Ground
Battery Fuse
[24D] [24C]
LHCM

Front Lighting and Hand Controls: 2015 Trike Models

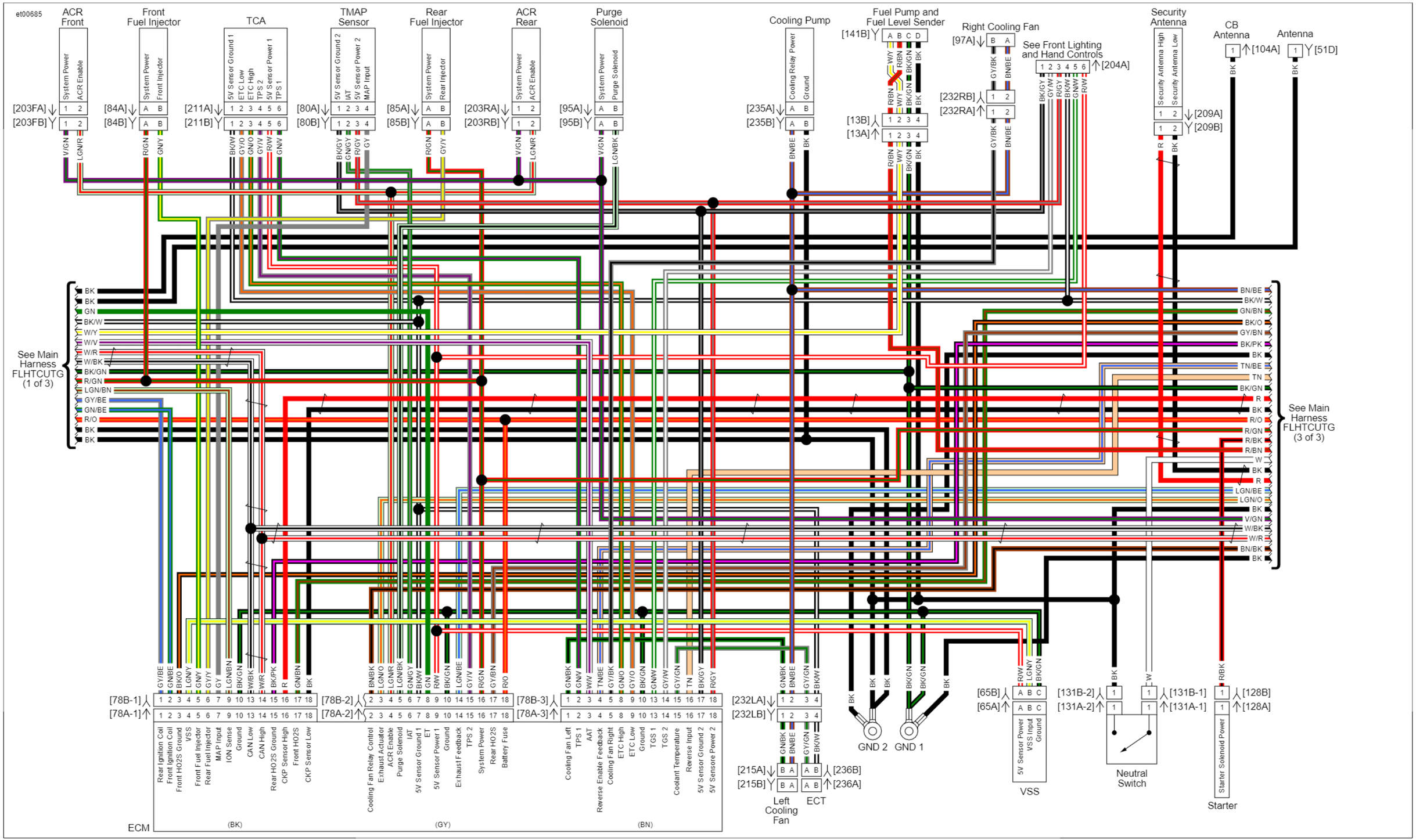
et00683



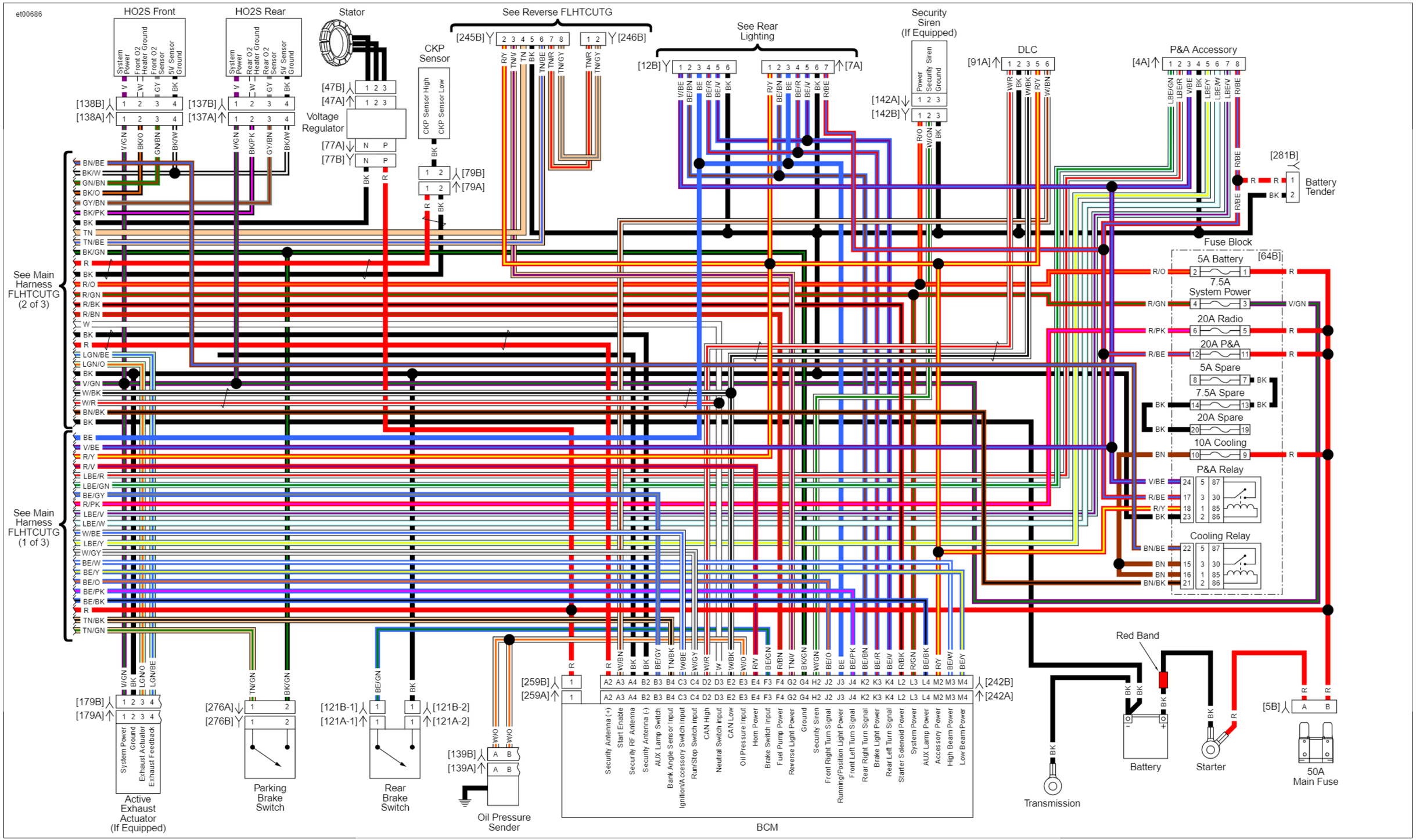
Fairing Harness FLHTCUTG: 2015 Trike Model



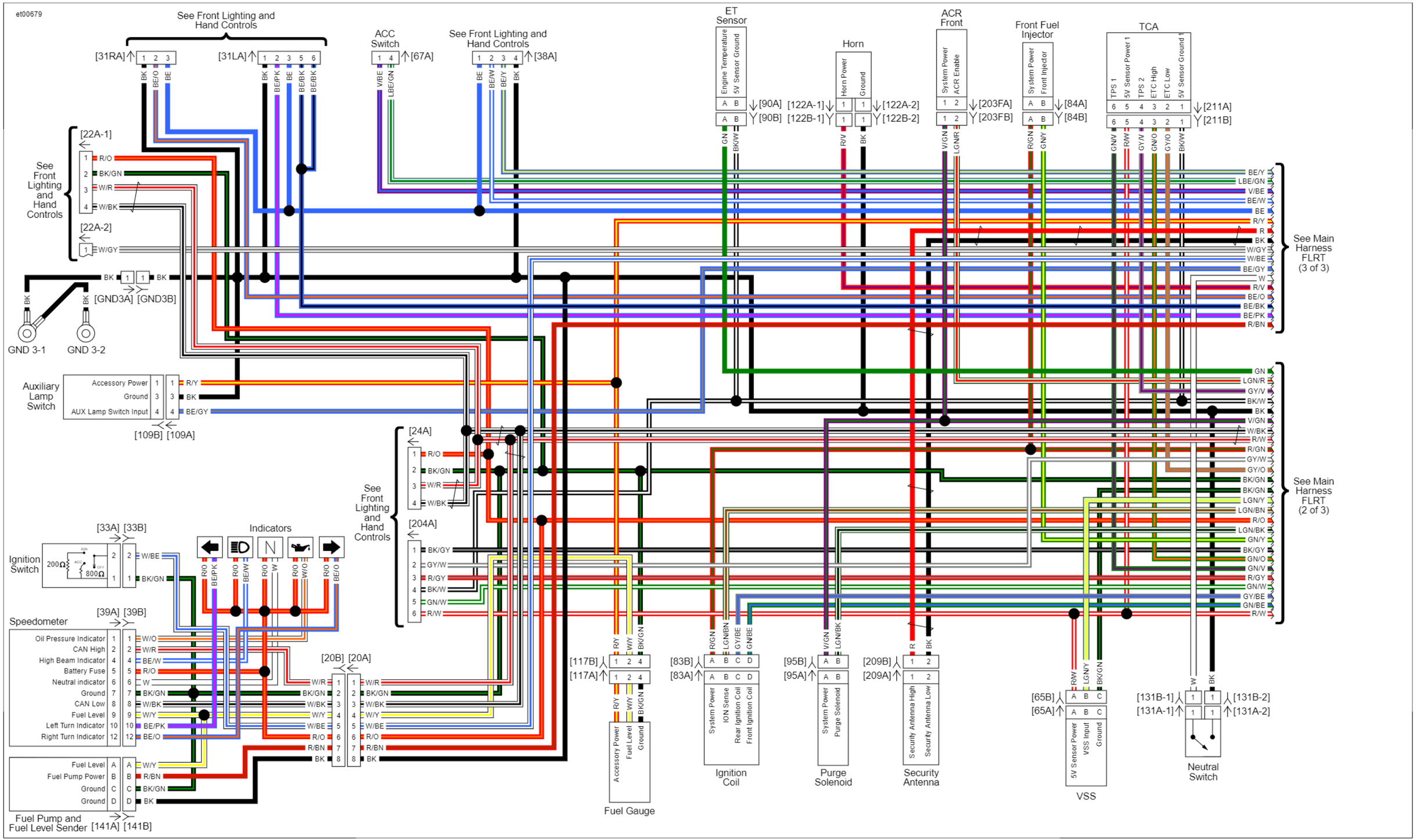
Main Harness FLHTCUTG (1 of 3): 2015 Trike Model



Main Harness FLHTCUTG (2 of 3): 2015 Trike Model

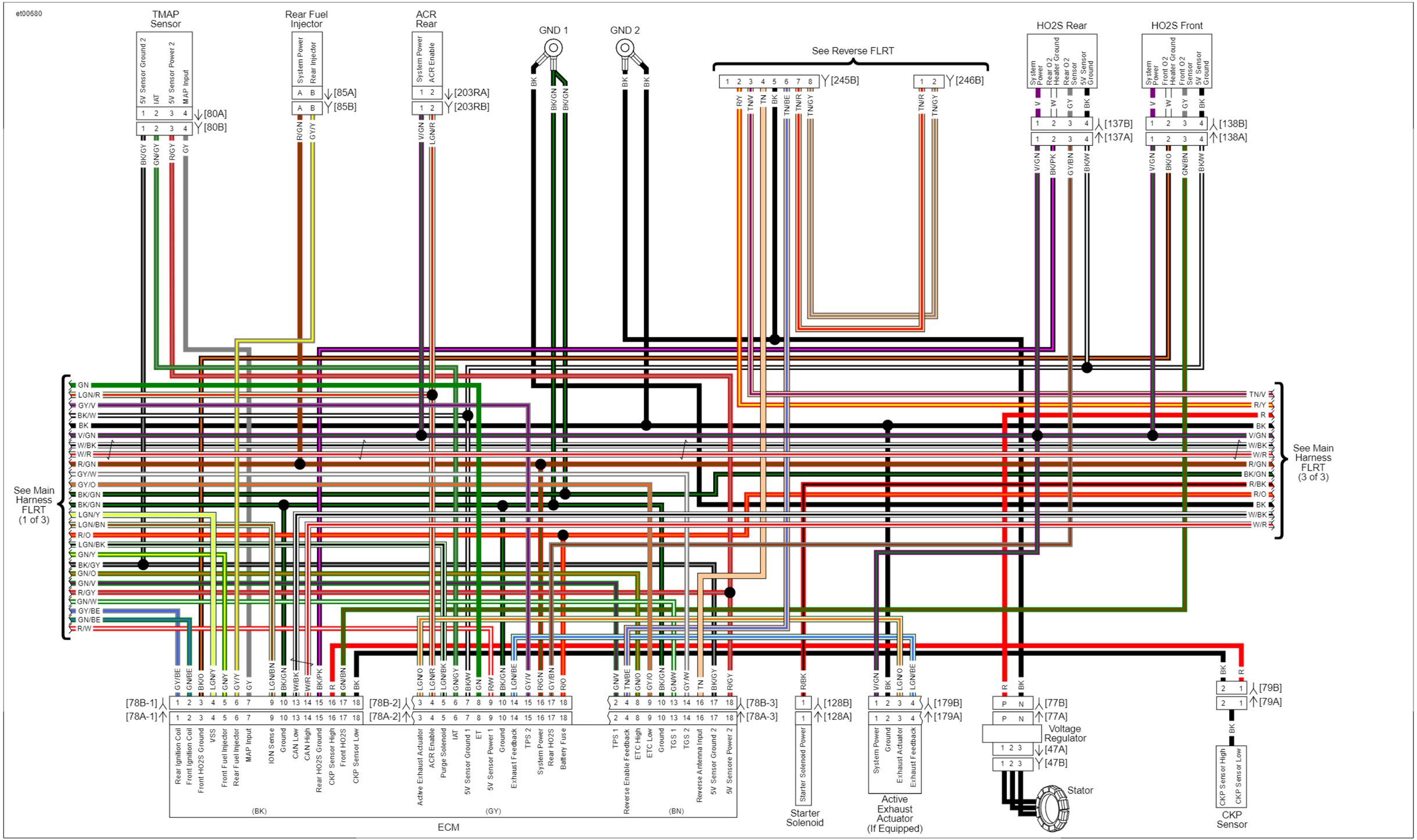


Main Harness FLHTCUTG (3 of 3): 2015 Trike Model



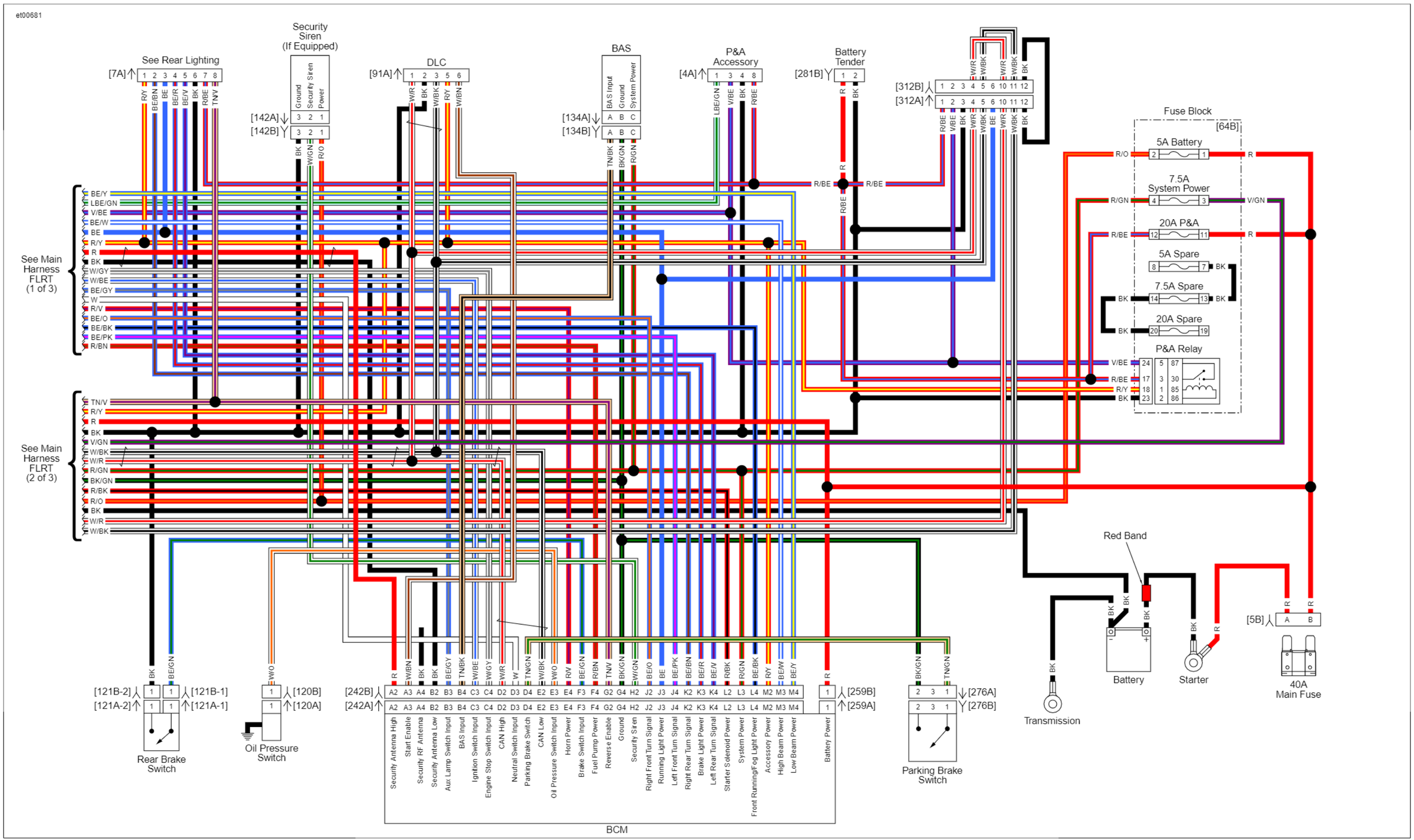
Main Harness FLRT (1 of 3): 2015 Trike Model

et00680

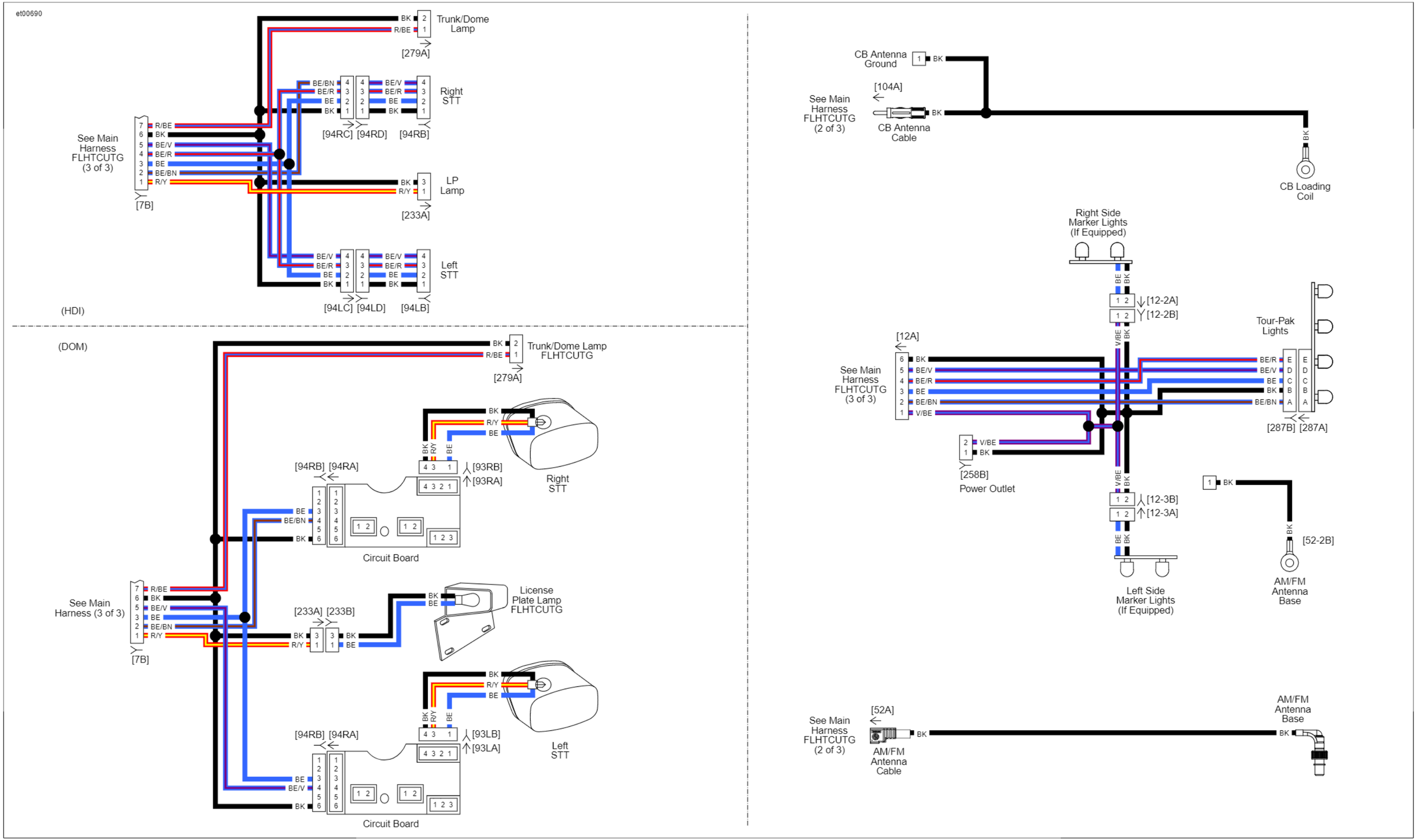


Main Harness FLRT (2 of 3): 2015 Trike Model

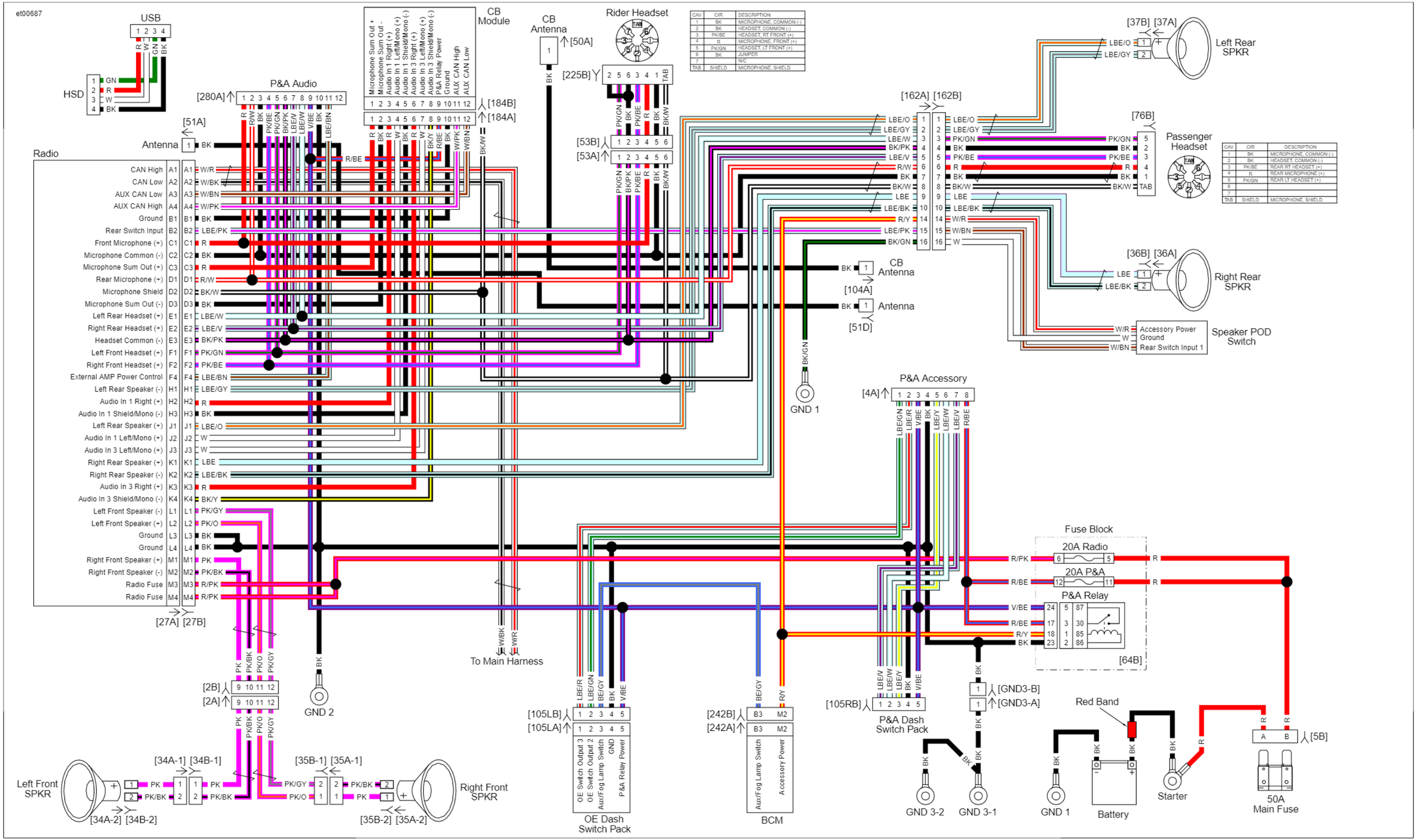
et00681



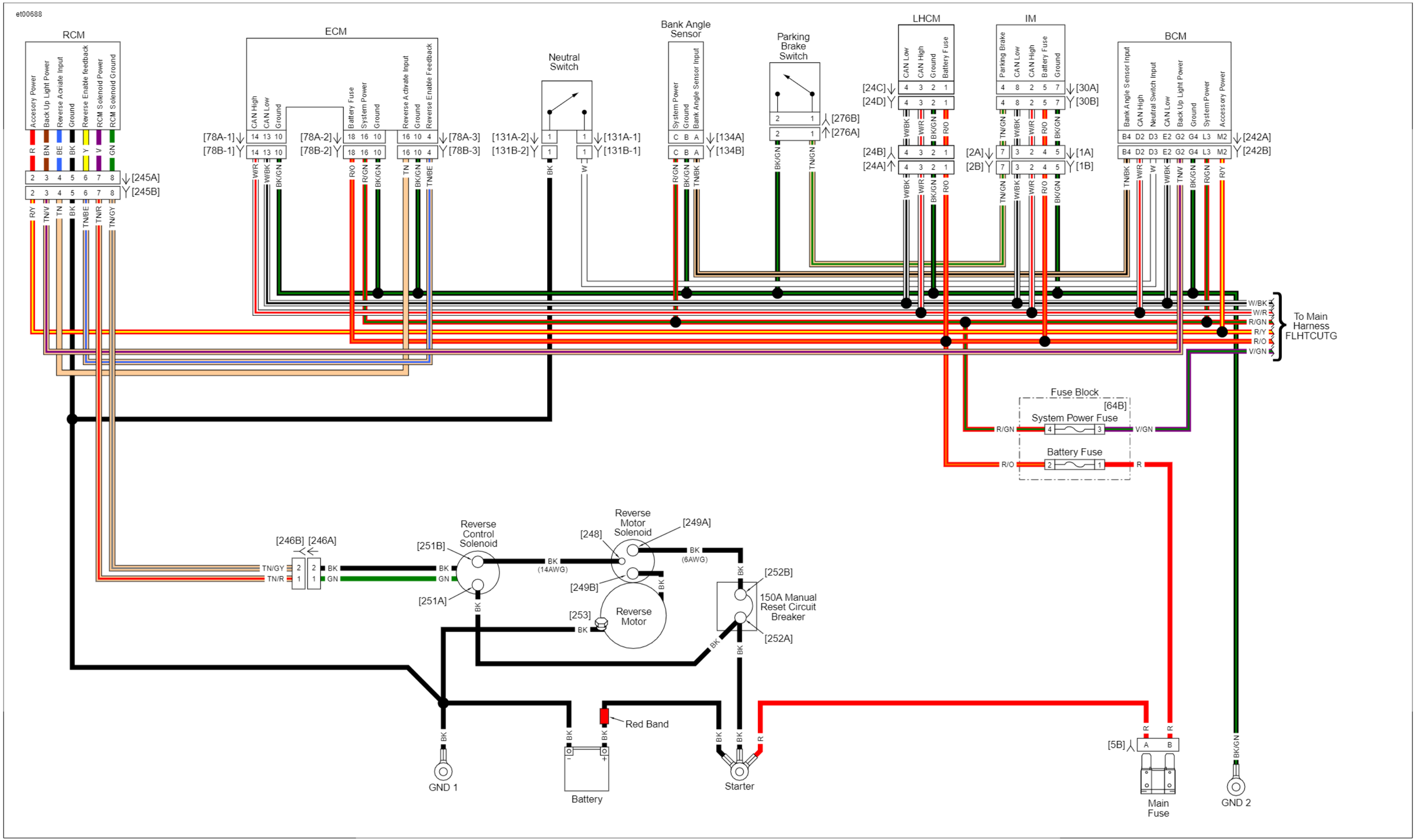
Main Harness FLRT (3 of 3): 2015 Trike Model



Rear Lighting: 2015 Trike Models



Radio: 2015 Trike Models



Reverse FLHTCUTG: 2015 Trike Model

et00689

RCM
Accesory Power
Reverse Enable
Reverse Activate Input
Ground
Reverse Enable feedback
RCM Solenoid Power
RCM Solenoid Ground
R BN BE BK Y V GN
2 3 4 5 6 7 8 [245A]
2 3 4 5 6 7 8 [245B]
R/Y TN/V TN BK TN/BE TN/R TN/GY

ECM
CAN High
CAN Low
Ground
Battery Fuse
System Power
Ground
Reverse Activate Input
Ground
Reverse Enable Feedback
[78A-1] 14 13 10
[78B-1] 14 13 10
[78A-2] 18 16 10
[78B-2] 18 16 10
16 10 4 [78A-3]
16 10 4 [78B-3]
W/R W/BK BK/GN
R/O R/GN BK/GN
TN BK/GN TN/BE

Neutral Switch
[131A-2] 1
[131B-2] 1
1 [131A-1]
1 [131B-1]
BK W

Bank Angle Sensor
System Power
Ground
Bank Angle Sensor Input
C B A [134A]
C B A [134B]
R/GN BK/GN TN/BK

Parking Brake Switch
2 1 [276B]
2 1 [276A]
BK/GN TN/GN

LHCM
CAN Low
CAN High
Ground
Battery Fuse
[24C] 4 3 2 1
[24D] 4 3 2 1
[24B] 4 3 2 1
[24A] 4 3 2 1
W/BK W/R BK/GN R/O

Speedometer
CAN High
CAN Low
Battery Fuse
Ground
8 2 5 7 [39A]
8 2 5 7 [39B]
3 1 6 2 [20A]
3 1 6 2 [20B]
W/BK W/R R/O BK/GN

BCM
Bank Angle Sensor Input
CAN High
Neutral Switch Input
Parking Brake Switch
CAN Low
Reverse Enable
Ground
System Power
Accessory Power
B4 D2 D3 D4 E2 G2 G4 L3 M2 [242A]
B4 D2 D3 D4 E2 G2 G4 L3 M2 [242B]
TN/BK W/R W TN/GN W/BK TN/V BK/GN R/GN R/Y

W/BK
W/R
R/GN
R/Y
R/O
V/GN
To Main Harness FLRT

Fuse Block
[64B]
System Power Fuse
R/GN 4 3 V/GN
Battery Fuse
R/O 2 1 R

[246B] [246A]
TN/GY 2 2 BK
TN/R 1 1 GN
BK
GN

Reverse Control Solenoid
[251B]
[251A]
BK (14AWG)

Reverse Motor Solenoid
[248]
[249A]
BK (6AWG)
[249B]
[253]
Reverse Motor
BK

[252B]
150A Manual Reset Circuit Breaker
[252A]

[312A] 4 5 10 11
[312B] 4 5 10 11
W/R W/BK W/R W/BK

Red Band

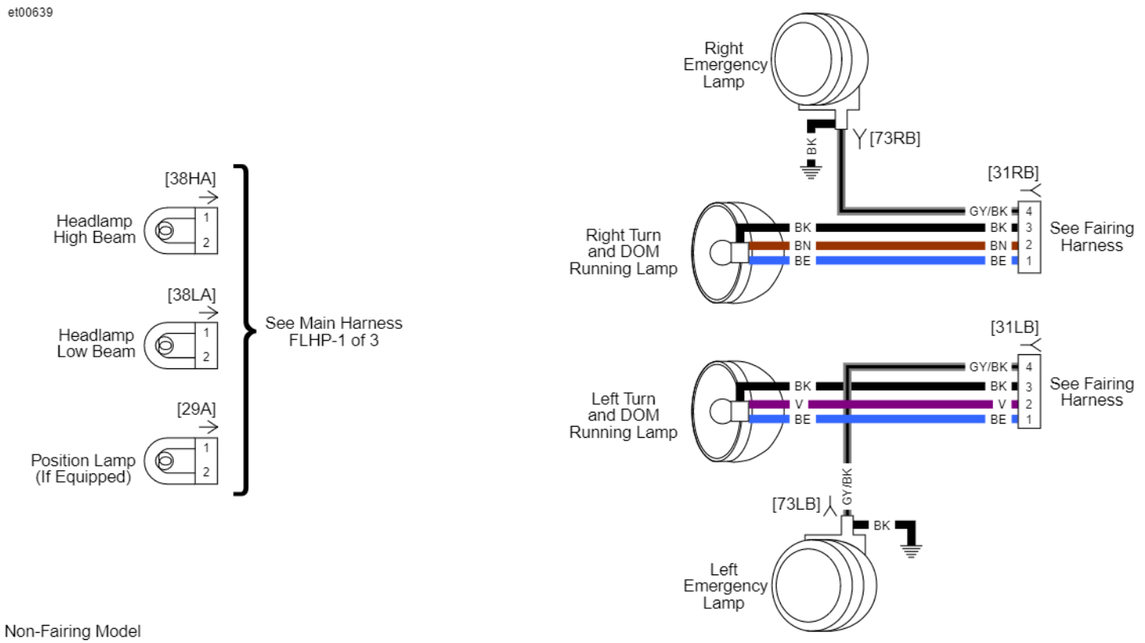
GND 1
Battery
Starter

[5B] A B
R R
Main Fuse

GND 2
BK/GN

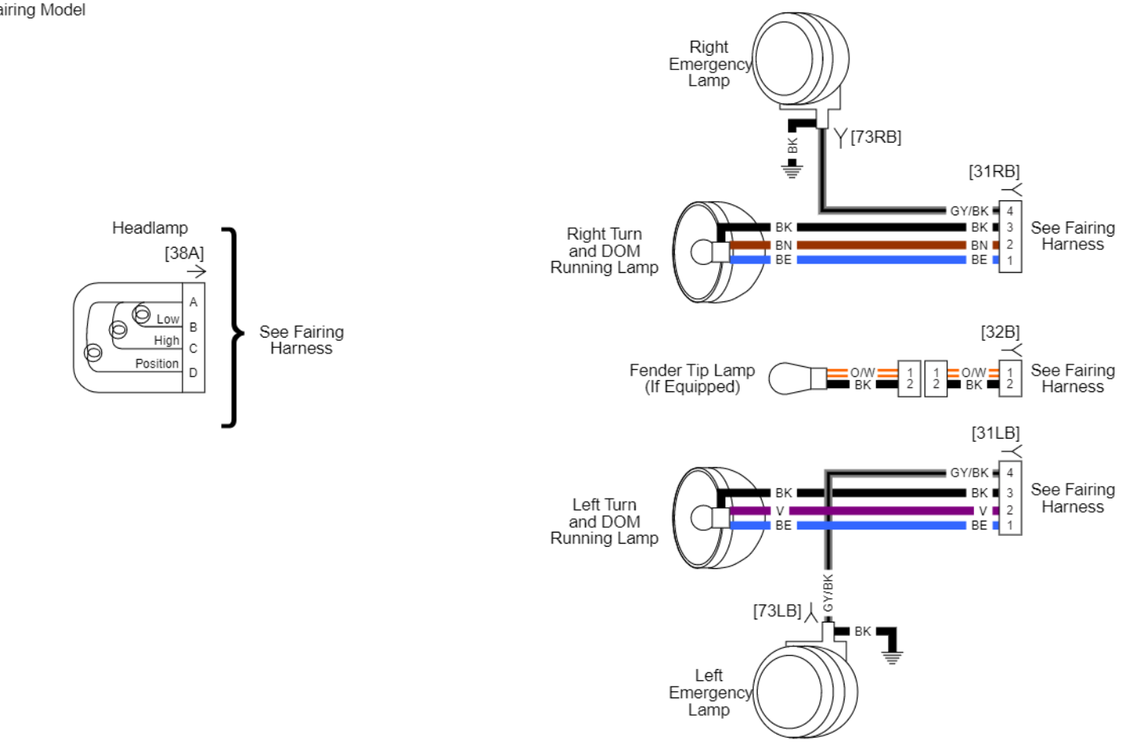
Reverse FLRT: 2015 Trike Model

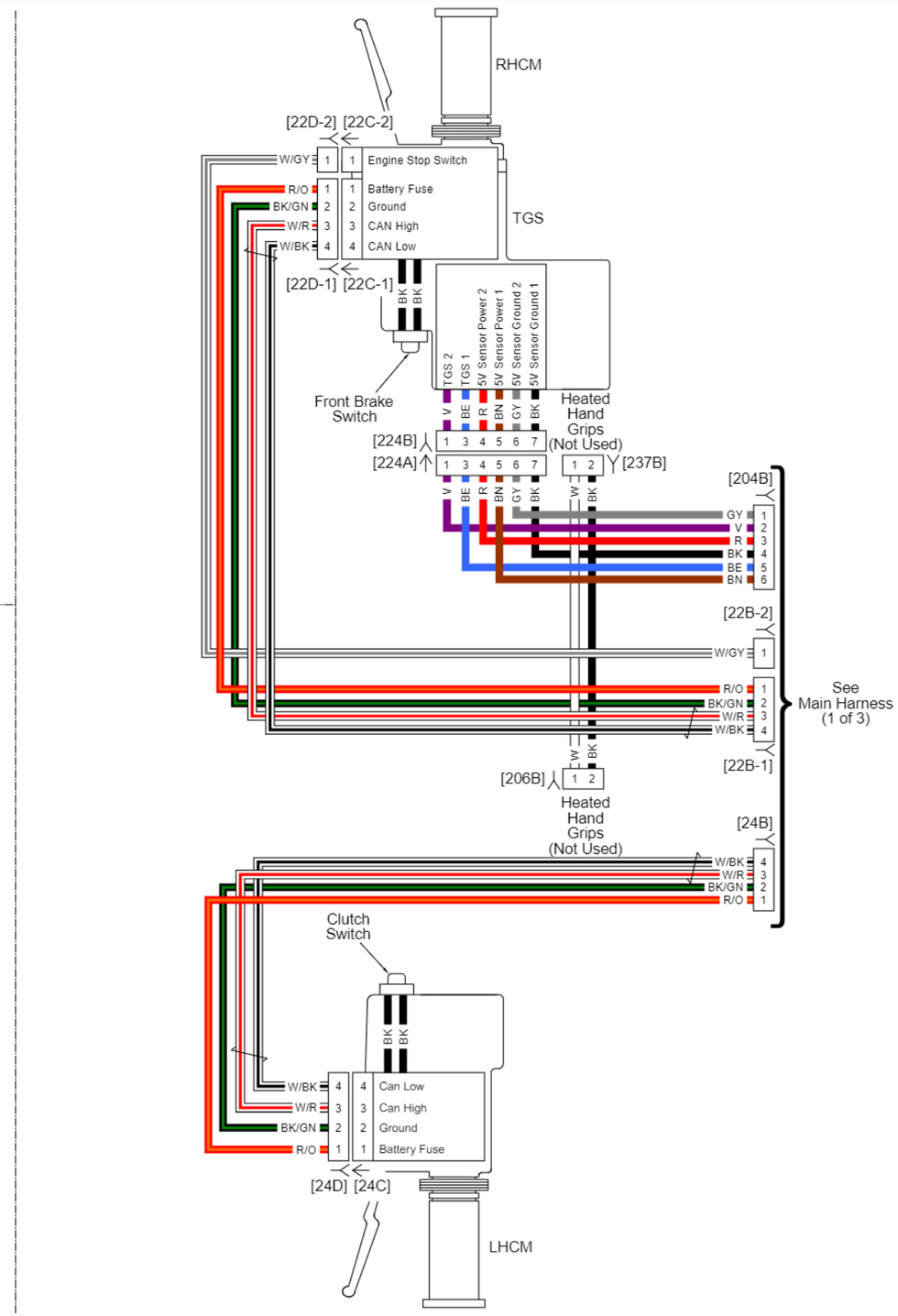
et00639



Non-Fairing Model

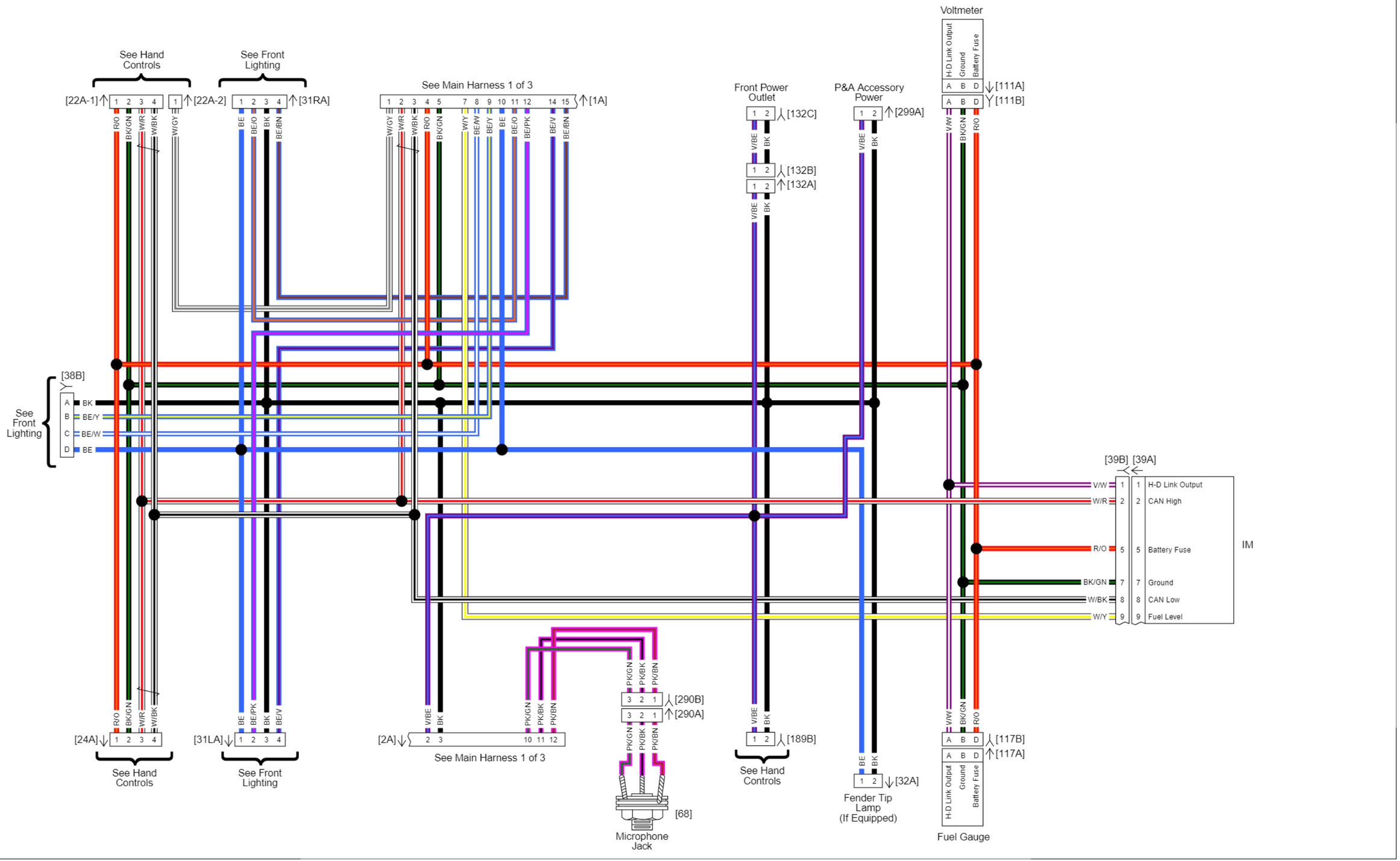
Fairing Model



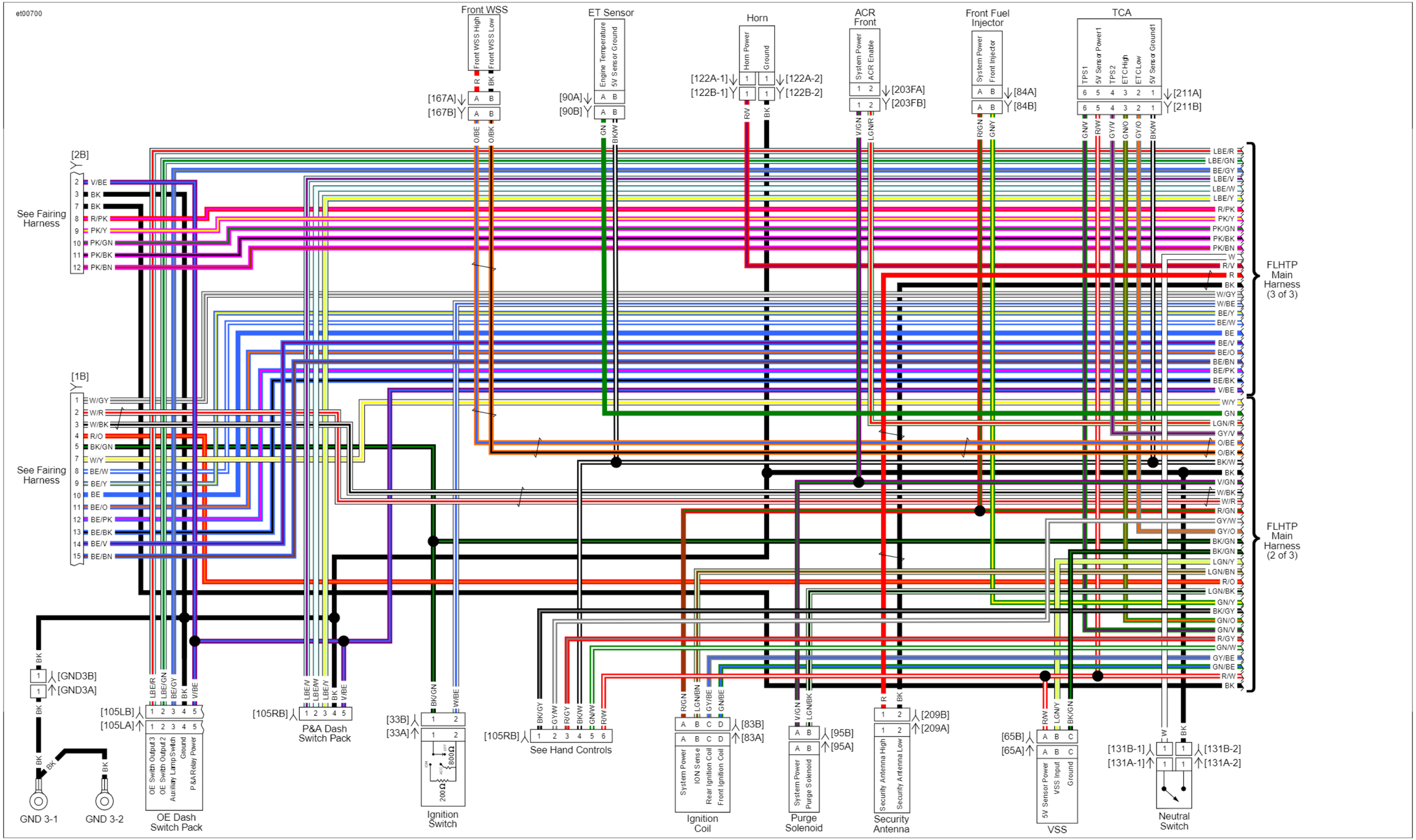


Front Lighting and Hand Controls: 2015 Police

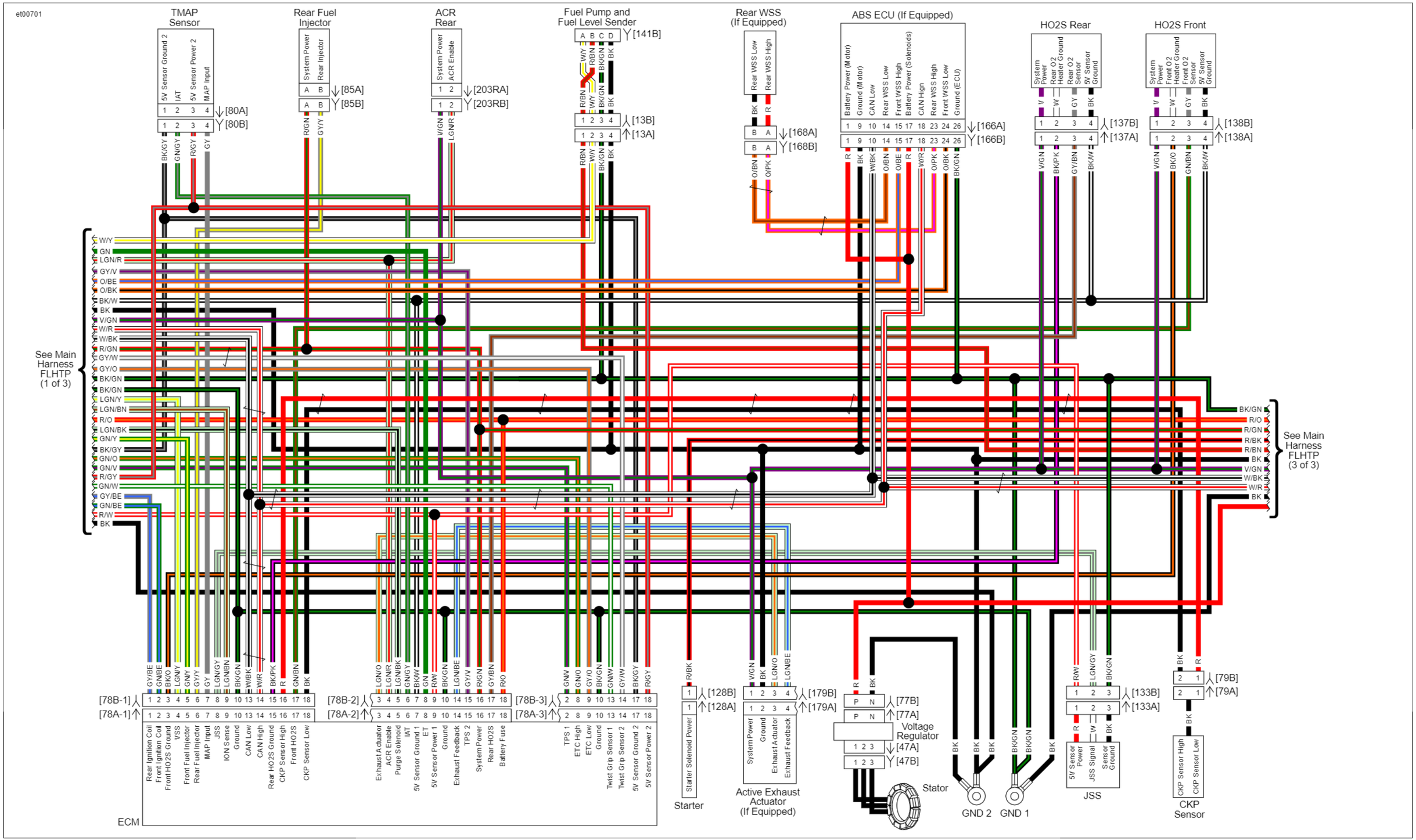
et00614



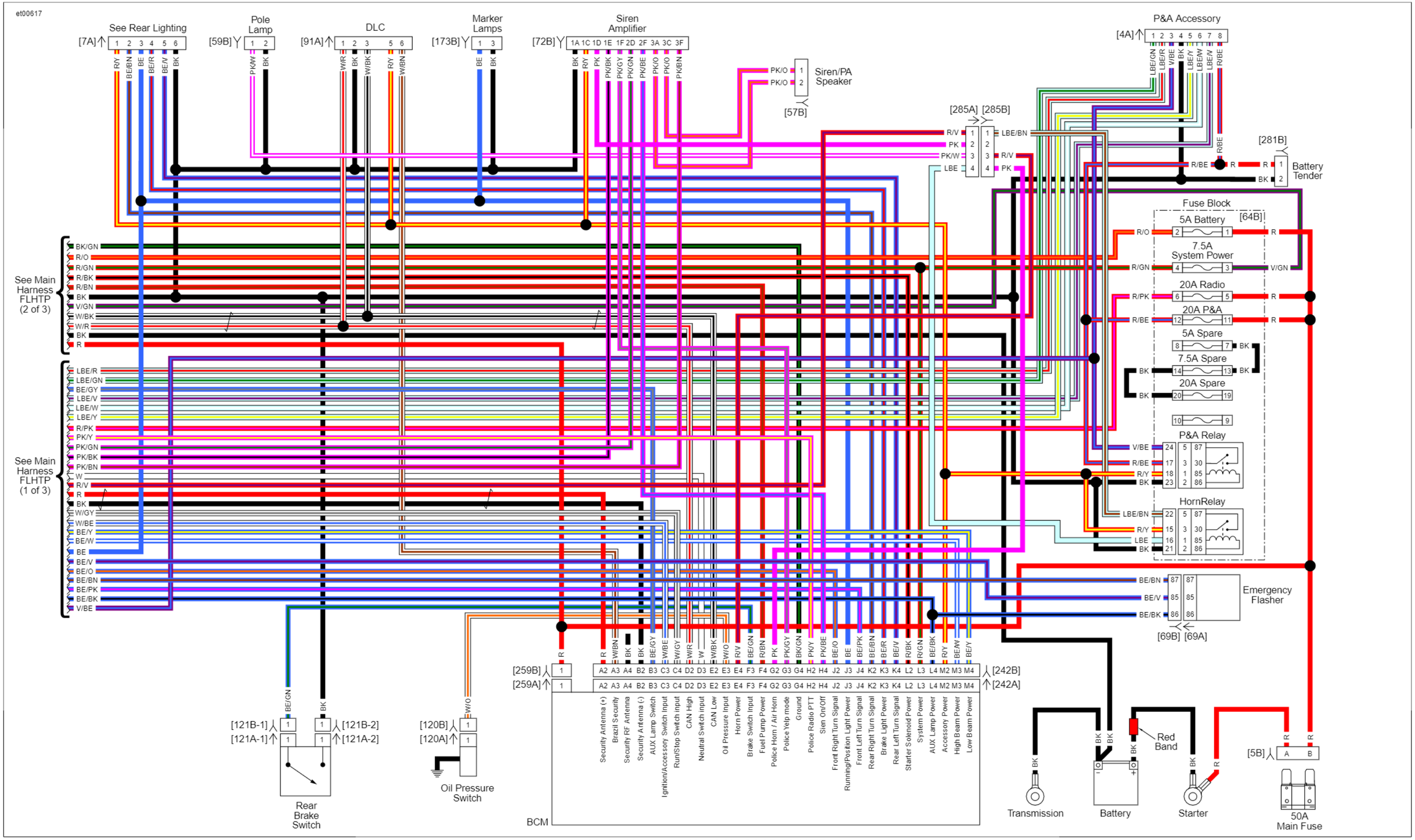
Fairing Harness: 2015 FLHTP



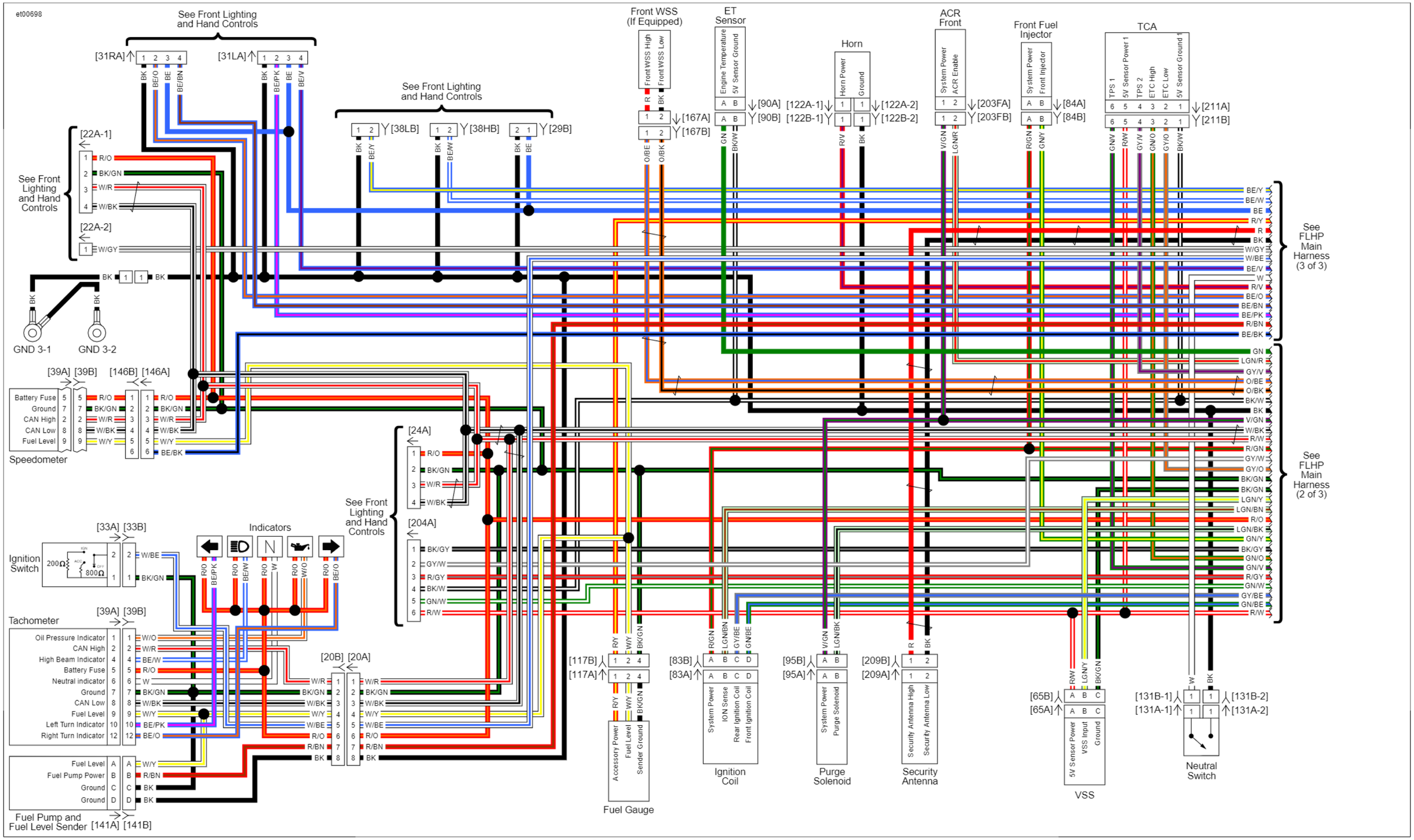
Main Harness (1 of 3): 2015 FLHTP



Main Harness (2 of 3): 2015 FLHTP



Main Harness (3 of 3): 2015 FLHTP



Main Harness (1 of 3): 2015 FLHP

et00699

TMAP Sensor
5V Sensor Ground 2
IAT
5V Sensor Power 2
MAP Input
[80A]
[80B]
BK/GY
GN/GY
R/GY
GY

Rear Fuel Injector
System Power
Rear Injector
[85A]
[85B]
R/GN
GY/Y

ACR Rear
System Power
ACR Enable
[203RA]
[203RB]
V/GN
LGN/R

GND 1
BK
BK/GN

GND 2
BK

Rear WSS (If Equipped)
Rear WSS Low
Rear WSS High
[168A]
[168B]
BK
R
O/BN
O/PK

ABS ECU (If Equipped)
Batter Power (Motor)
Ground (Motor)
CAN Low
Rear WSS Low
Front WSS High
Battery Power (Solenoids)
CAN High
Rear WSS High
Front WSS Low
Ground (ECU)
[166A]
[166B]
R
BK
W/BK
O/BN
O/BE
R
W/R
O/PK
O/BK
BK/GN

HO2S Rear
System Power
Rear O2 Heater Ground
Rear O2 Sensor
5V Sensor Ground
[137B]
[137A]
V/GN
BK/PK
GY/BN
BK/W

HO2S Front
System Power
Front O2 Heater Ground
Front O2 Sensor
5V Sensor Ground
[138B]
[138A]
V/GN
BK/O
GN/BN
BK/W

See FLHP Main Harness (1 of 3)
GN
LGN/R
GY/V
O/BE
O/BK
BK/W
BK
V/GN
W/BK
W/R
R/GN
GY/W
GY/O
BK/GN
BK/GN
LGN/Y
LGN/BN
R/O
LGN/BK
GN/Y
BK/GY
GN/O
GN/V
R/GY
GN/W
GY/BE
GN/BE
R/W

See FLHP Main Harness (3 of 3)
R
BK
V/GN
W/BK
W/R
R/GN
BK/GN
R/BK
R/O
BK

[78B-1] [78A-1]
GY/BE GN/BE BK/O LGN/Y GN/Y GY/Y GY LGN/GY LGN/BN BK/GN W/BK W/R BK/PK R GN/BN BK
Rear Ignition Coil
Front Ignition Coil
Front HO2S Ground
VSS
Front Fuel Injector
Rear Fuel Injector
MAP Input
JSS
IGN Sense
Ground
CAN Low
CAN High
Rear HO2S Ground
CKP Sensor High
Front HO2S
CKP Sensor Low

[78B-2] [78A-2]
LGN/O LGN/R LGN/BK GN/GY BK/W GN R/W BK/GN LGN/BE GY/V R/GN GY/BN R/O
Active Exhaust Actuator
ACR Enable
Purge Solenoid
IAT
5V Sensor Ground 1
ET
5V Sensor Power 1
Ground
Exhaust Feedback
TPS 2
System Power
Rear HO2S
Battery Fuse

[78B-3] [78A-3]
GN/V W/V GN/O GY/O BK/GN GN/W GY/W BK/GY R/GY
TPS 1
Blunt Cut
ETC High
ETC Low
Ground
TGS 1
TGS 2
5V Sensor Ground 2
5V Sensore Power 2

ECM

R/BK
[128B]
[128A]
Starter Solenoid Power
Starter Solenoid

V/GN BK LGN/O LGN/BE
[179B]
[179A]
System Power
Ground
Exhaust Actuator
Exhaust Feedback
Active Exhaust Actuator (If Equipped)

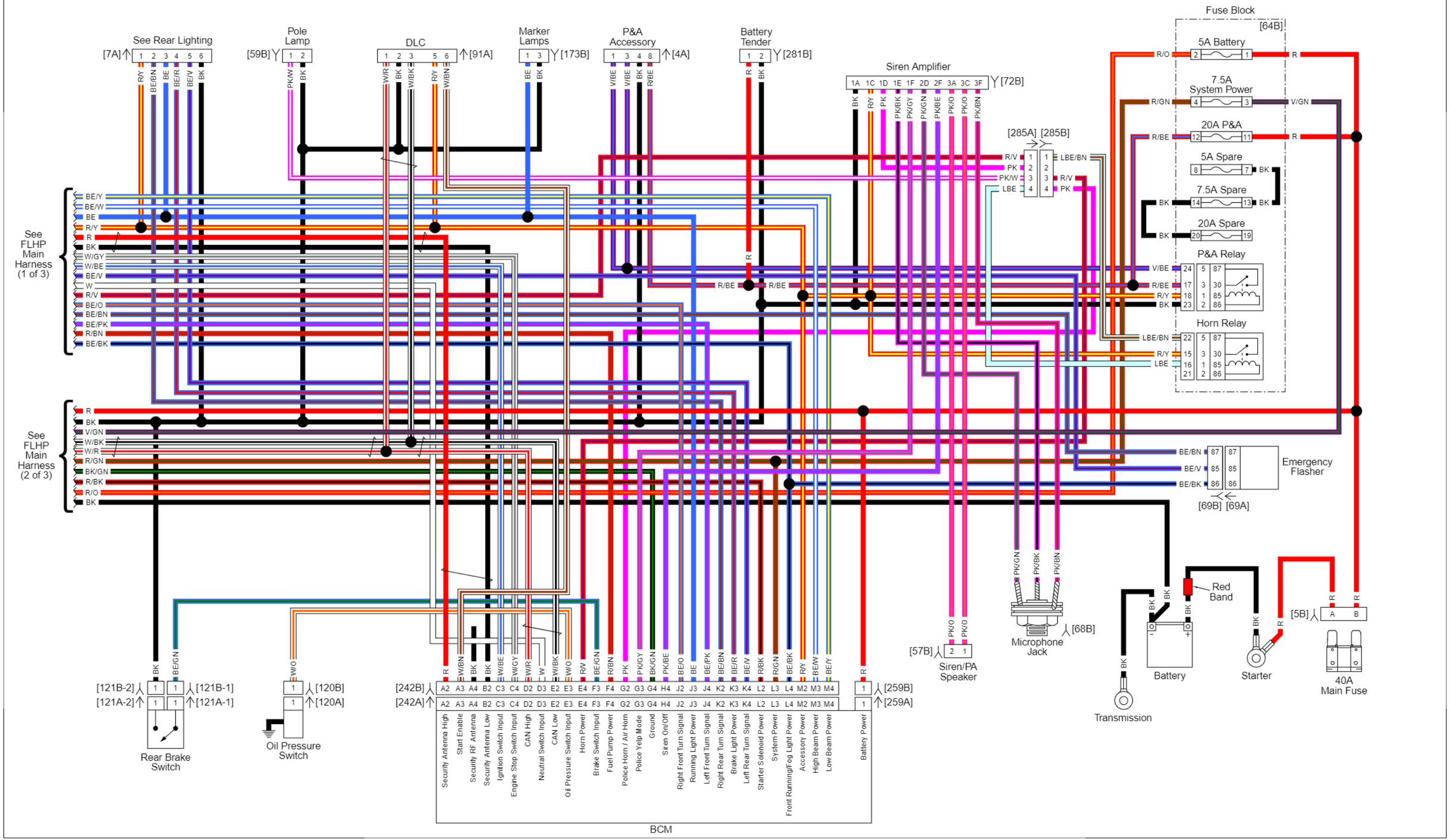
R BK
[77B]
[77A]
Voltage Regulator
[47A]
[47B]
Stator

R/W LGN/GY BK/GN
[133B]
[133A]
5V Sensor Power
JSS Signal
Sensor Ground
JSS

BK R
[79B]
[79A]
CKP Sensor High
CKP Sensor Low
CKP Sensor

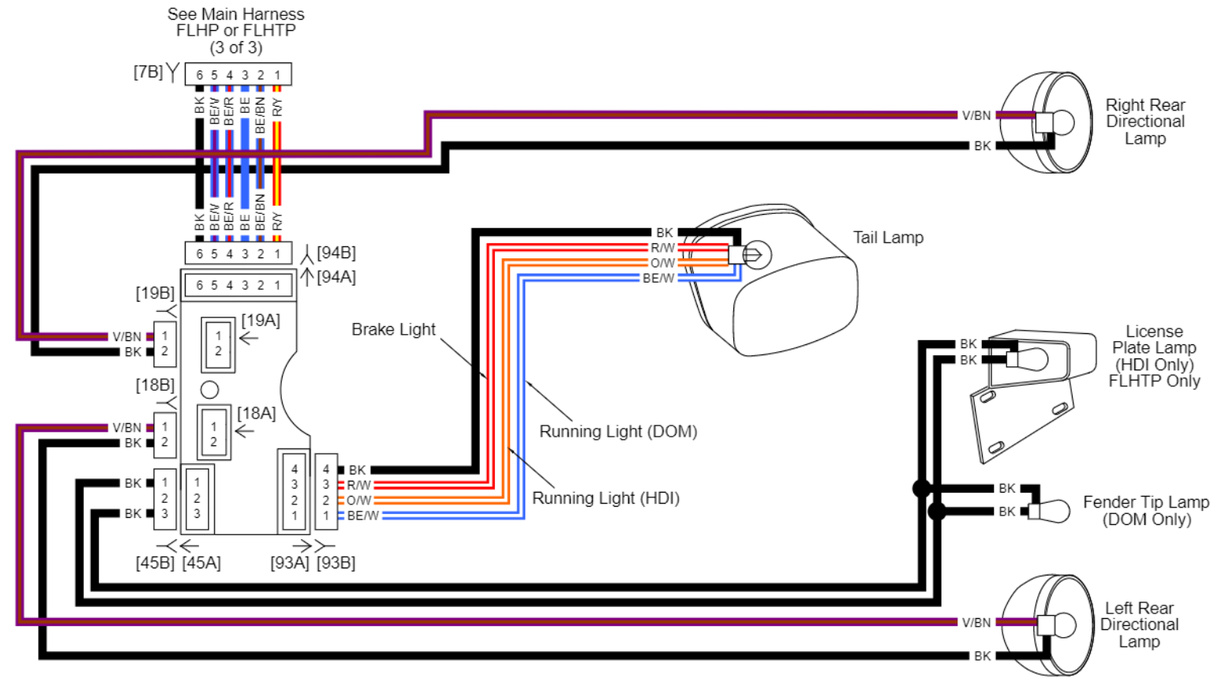
Main Harness (2 of 3): 2015 FLHP

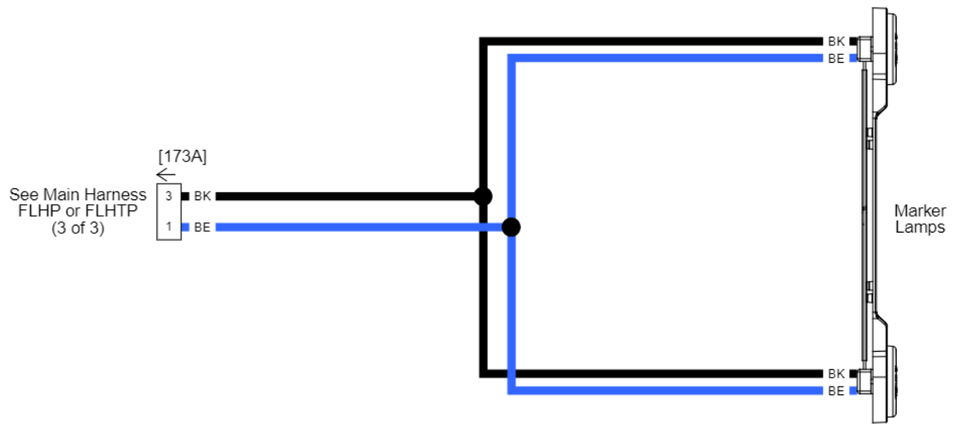
et00613



Main Harness (3 of 3): 2015 FLHP

et00640





Rear Lighting: 2015 Police

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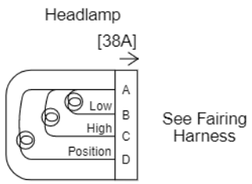
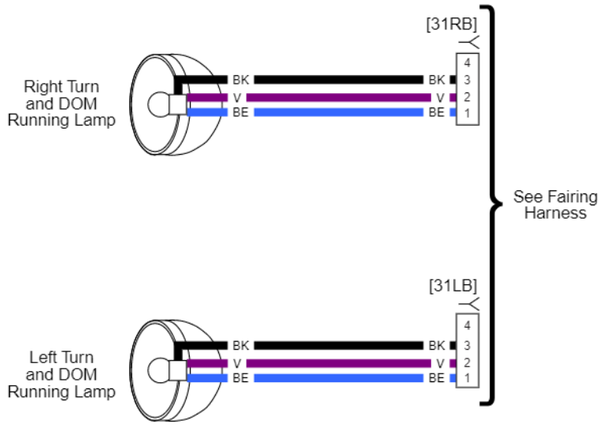
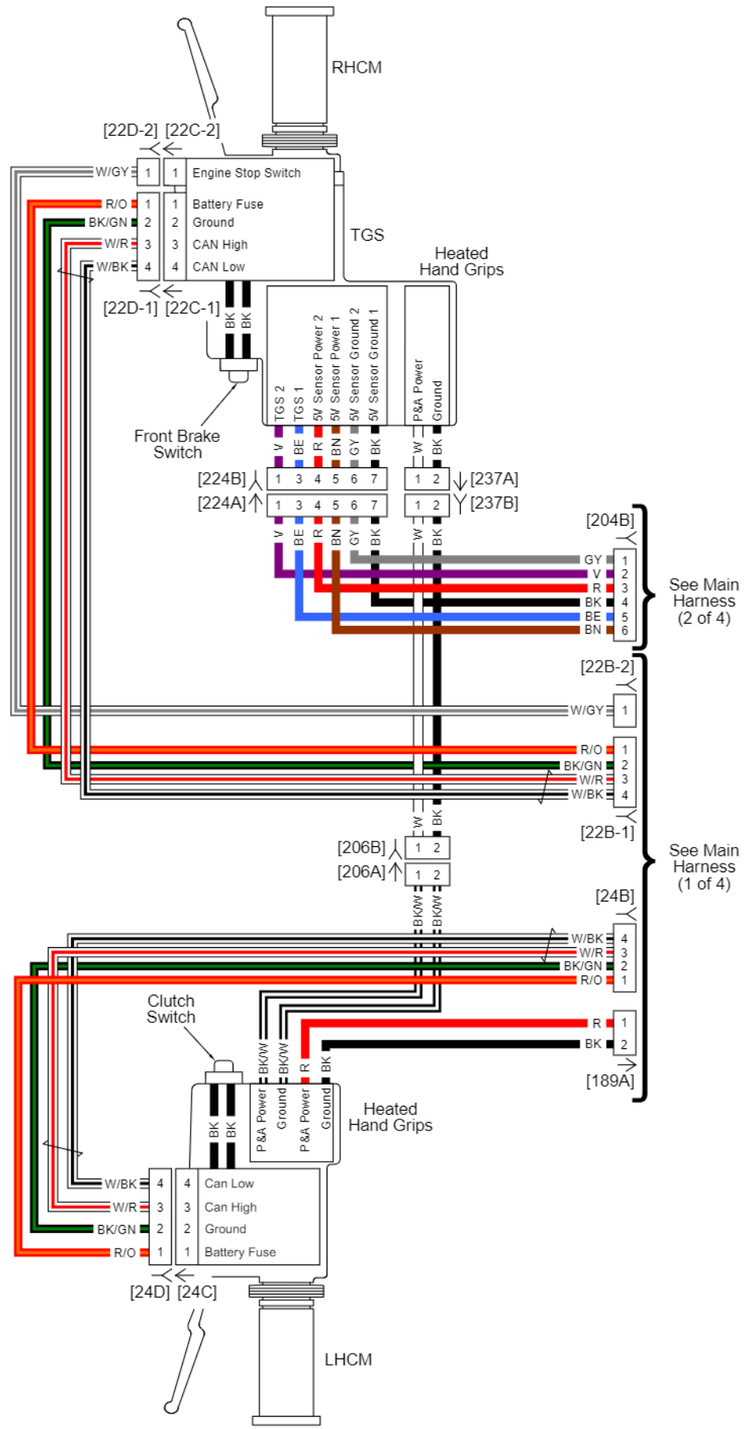
et00696

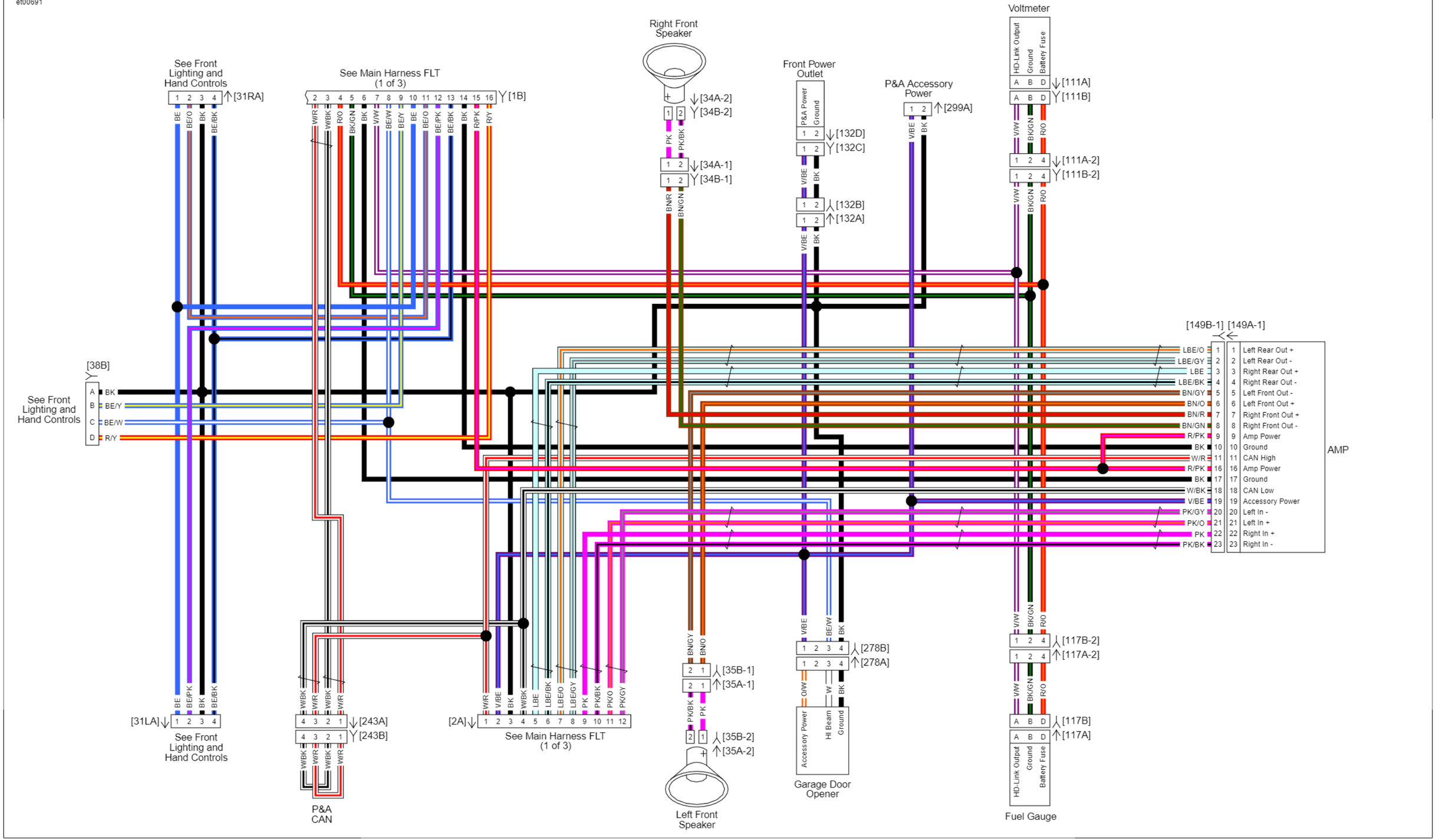






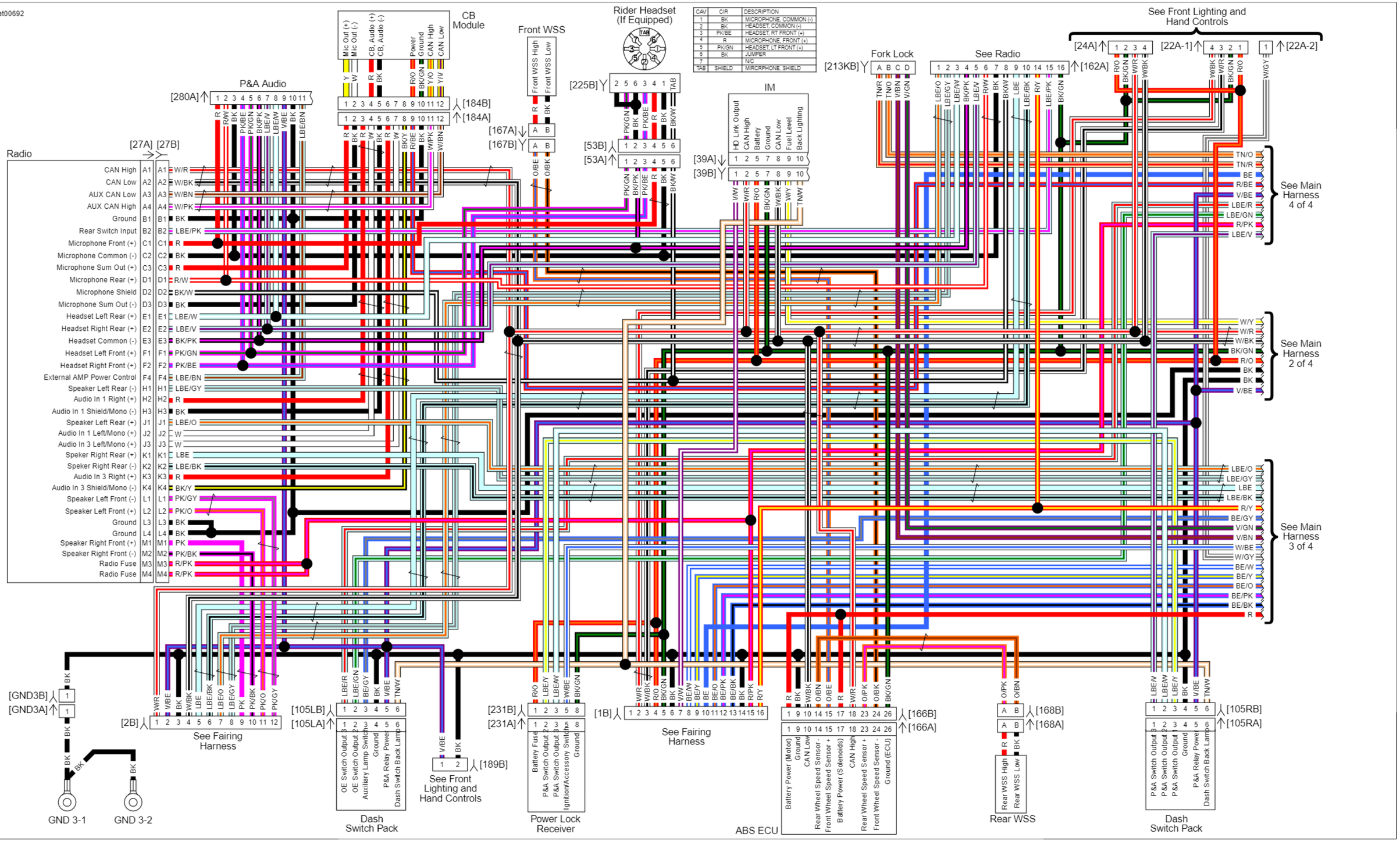
Front Lighting and Hand Controls: 2015 FLTRUSE

et00691

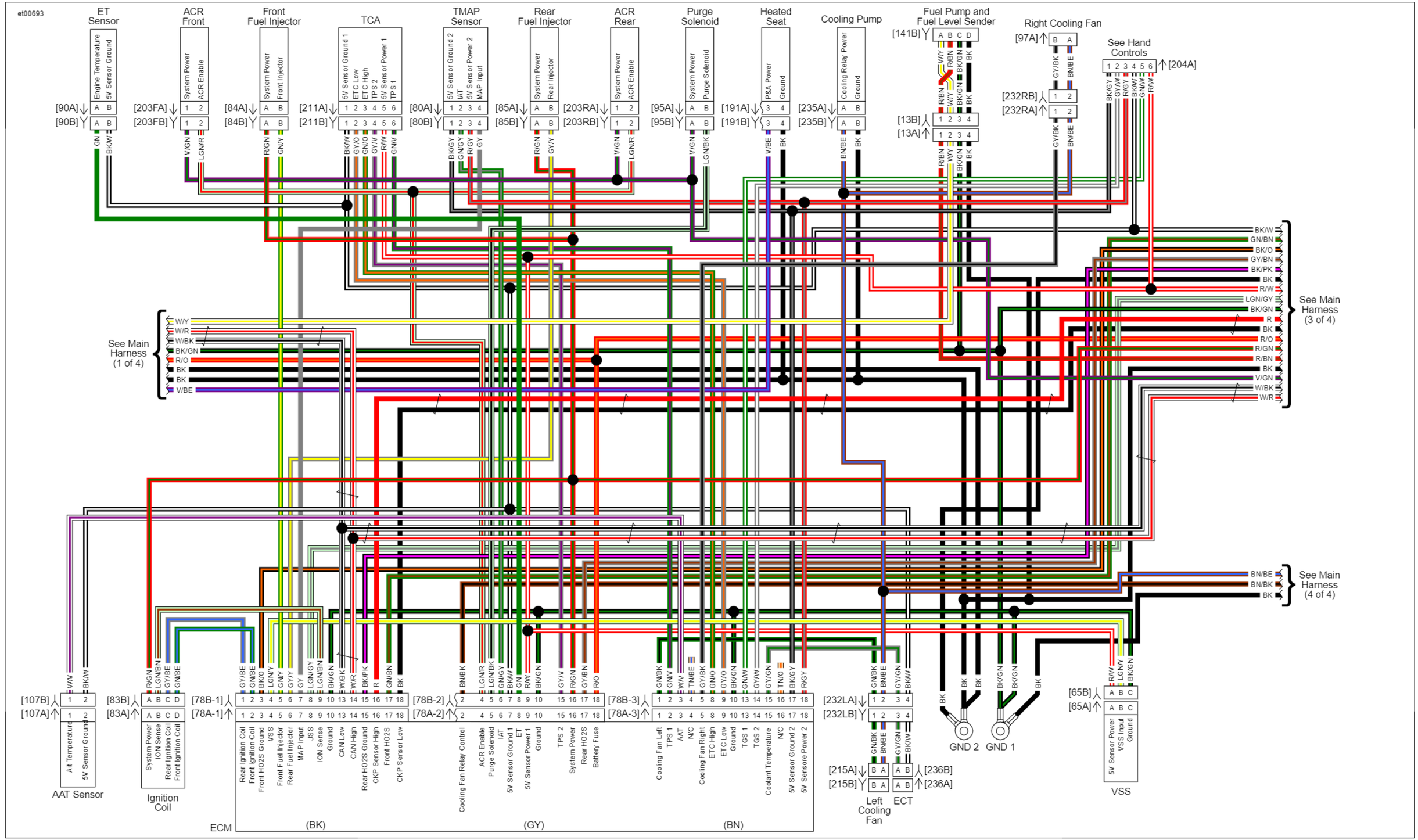


Fairing Harness: 2015 FLTRUSE

et00692

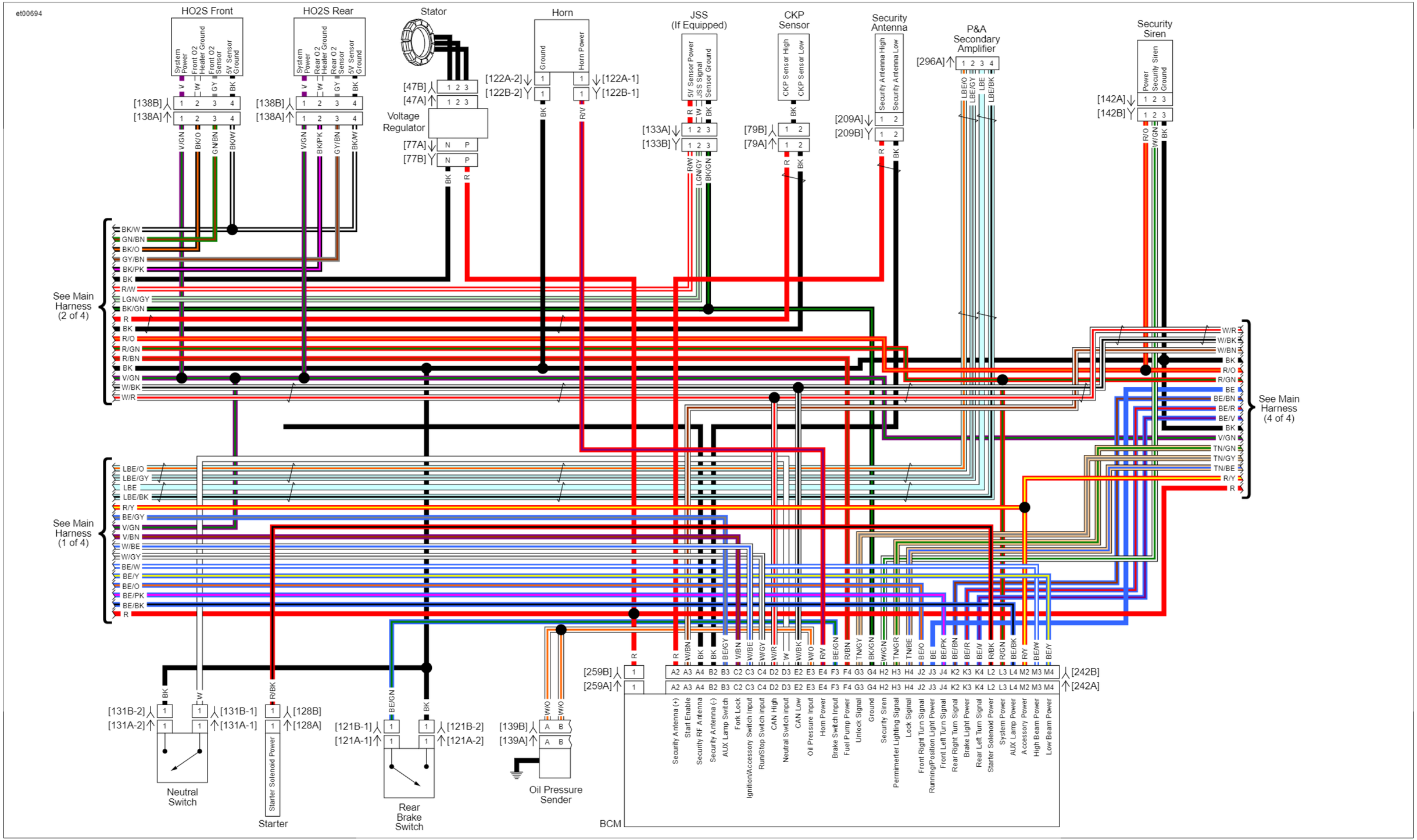


Main Harness (1 of 4): 2015 FLTRUSE

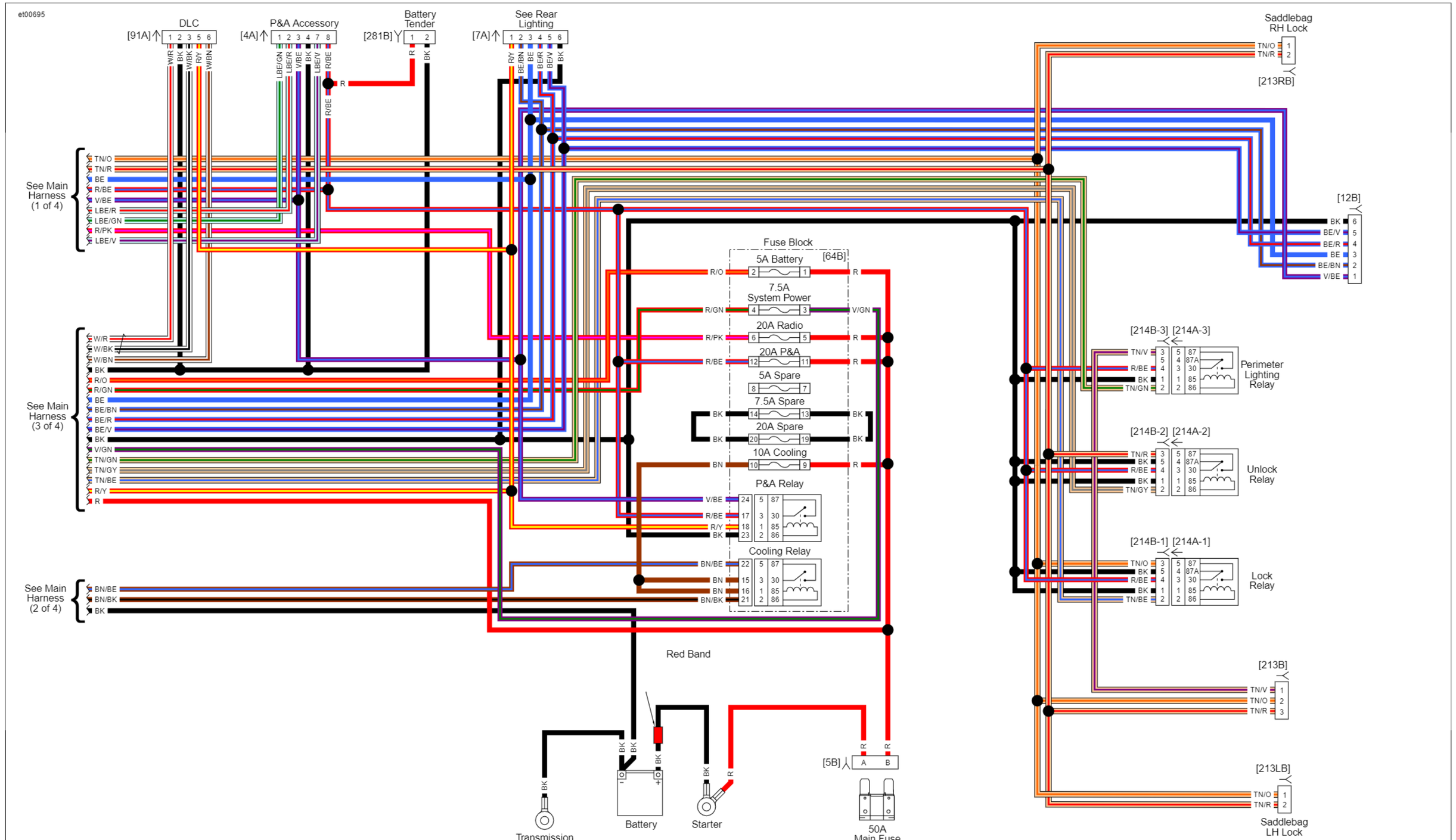


Main Harness (2 of 4): 2015 FLTRUSE

et00694

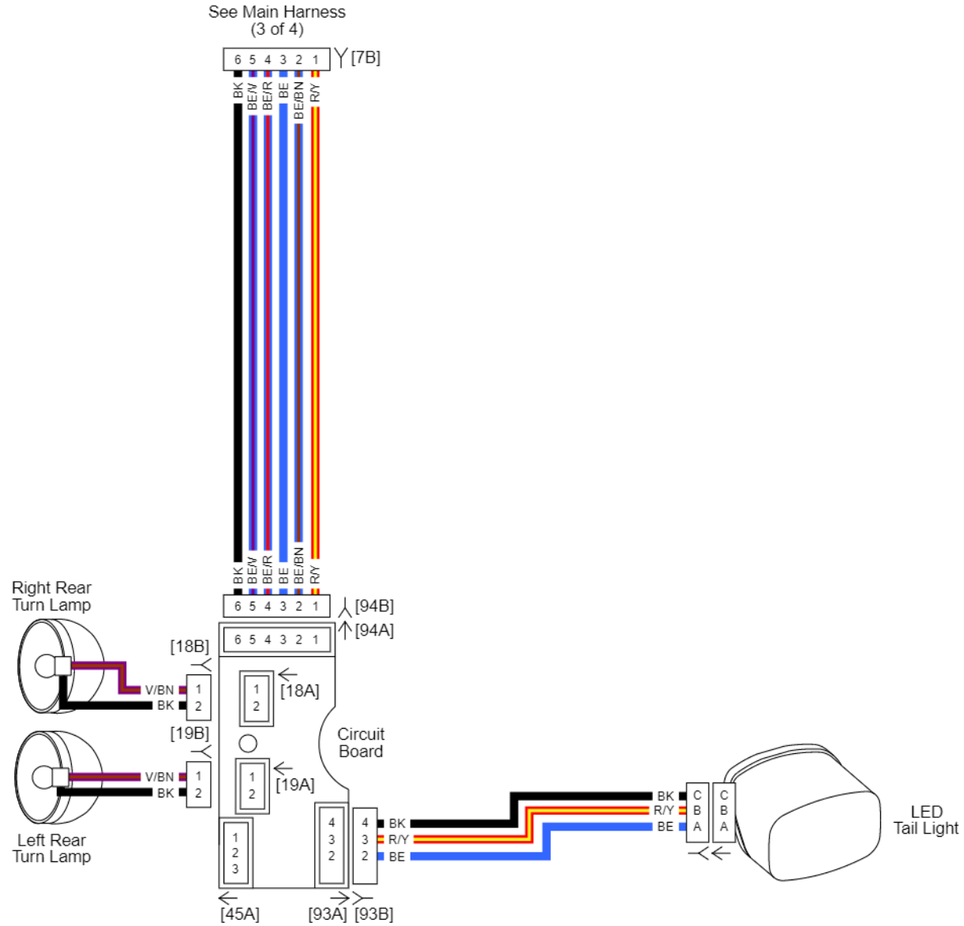


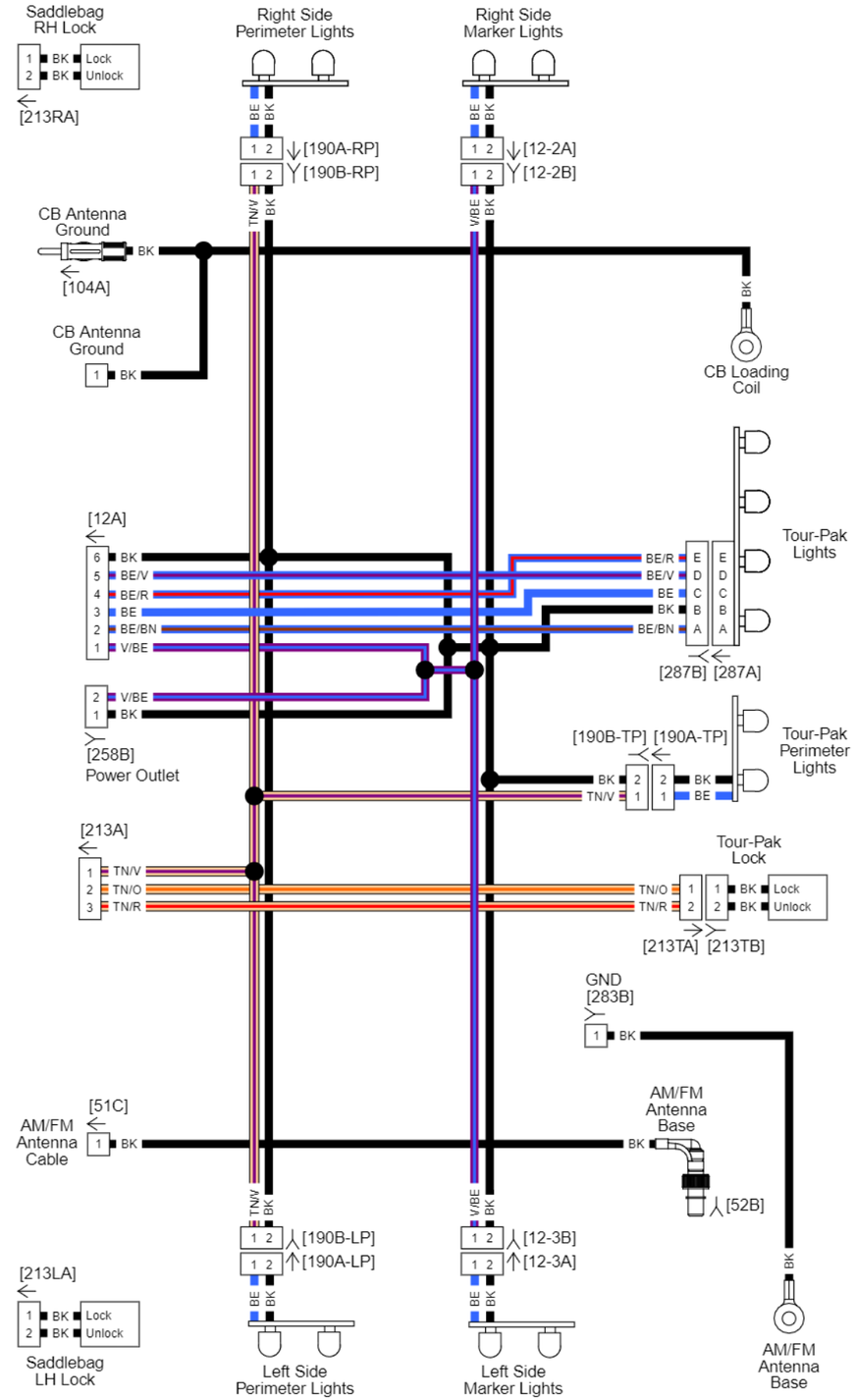
Main Harness (3 of 4): 2015 FLTRUSE



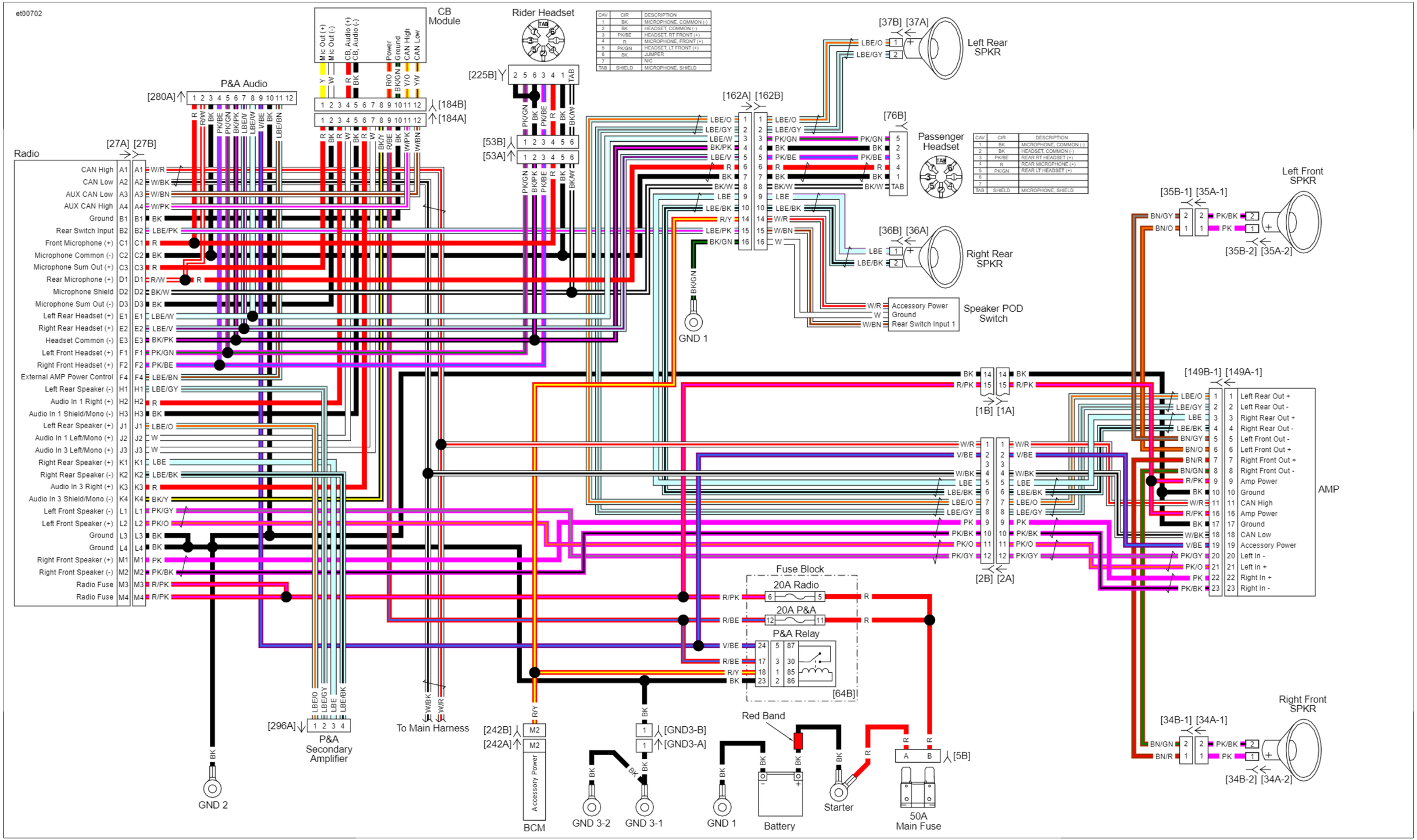
Main Harness (4 of 4): 2015 FLTRUSE

et00697



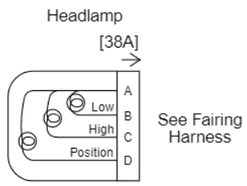


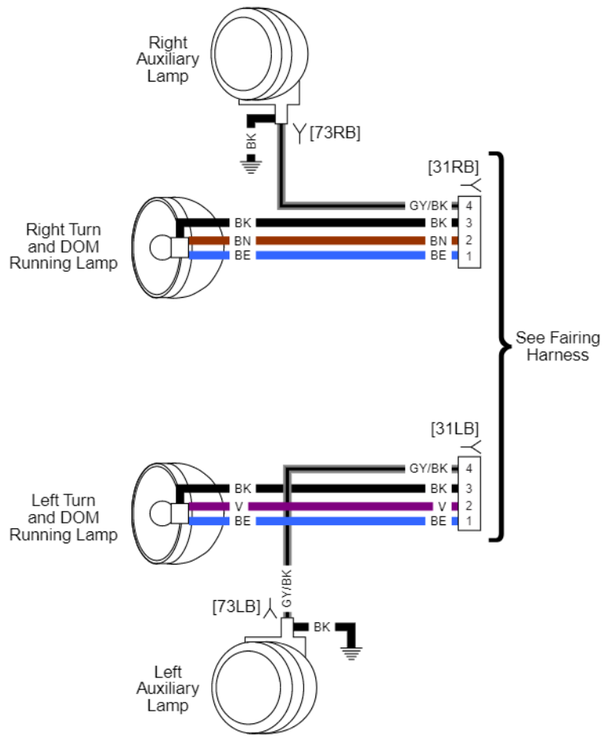
Rear Lighting: 2015 FLTRUSE

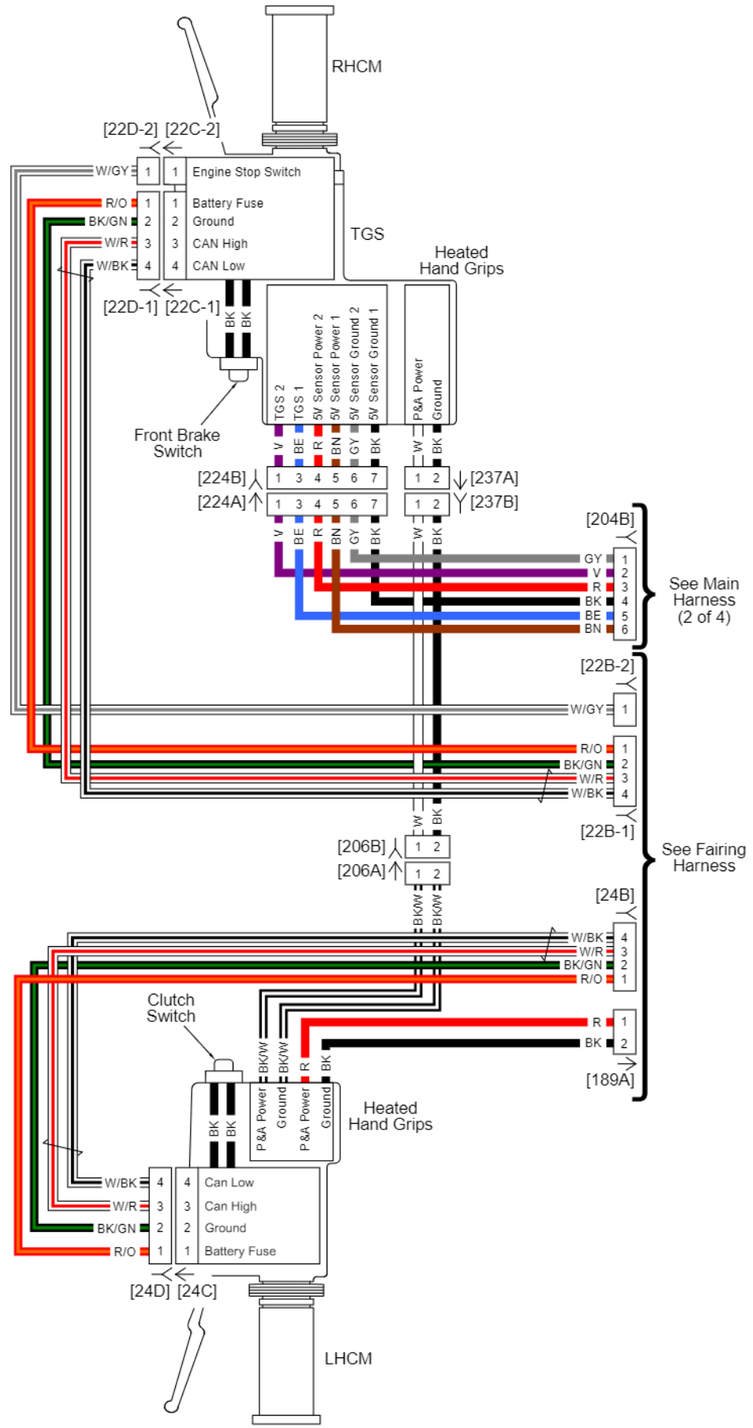


Radio: 2015 FLTRUSE

et00727

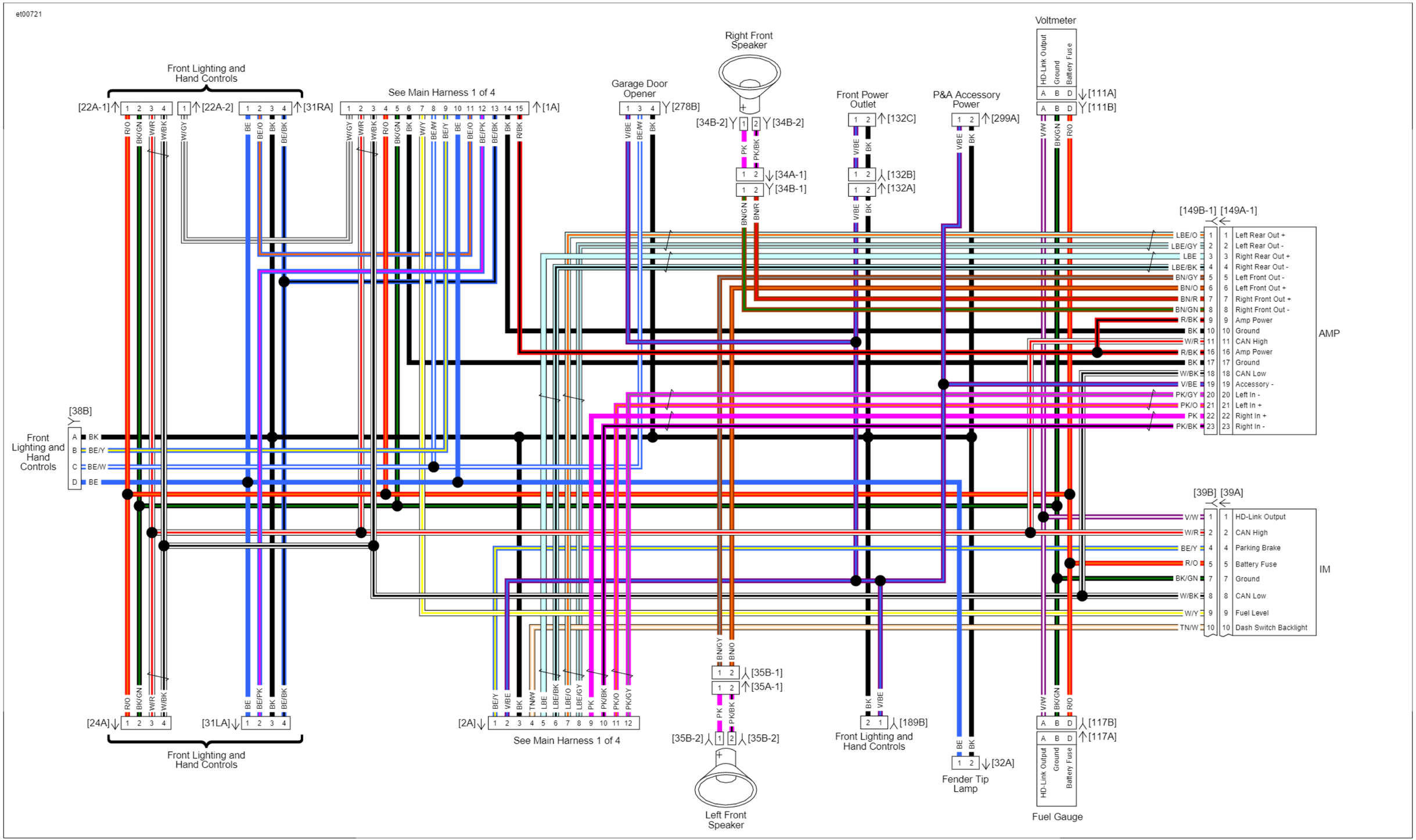




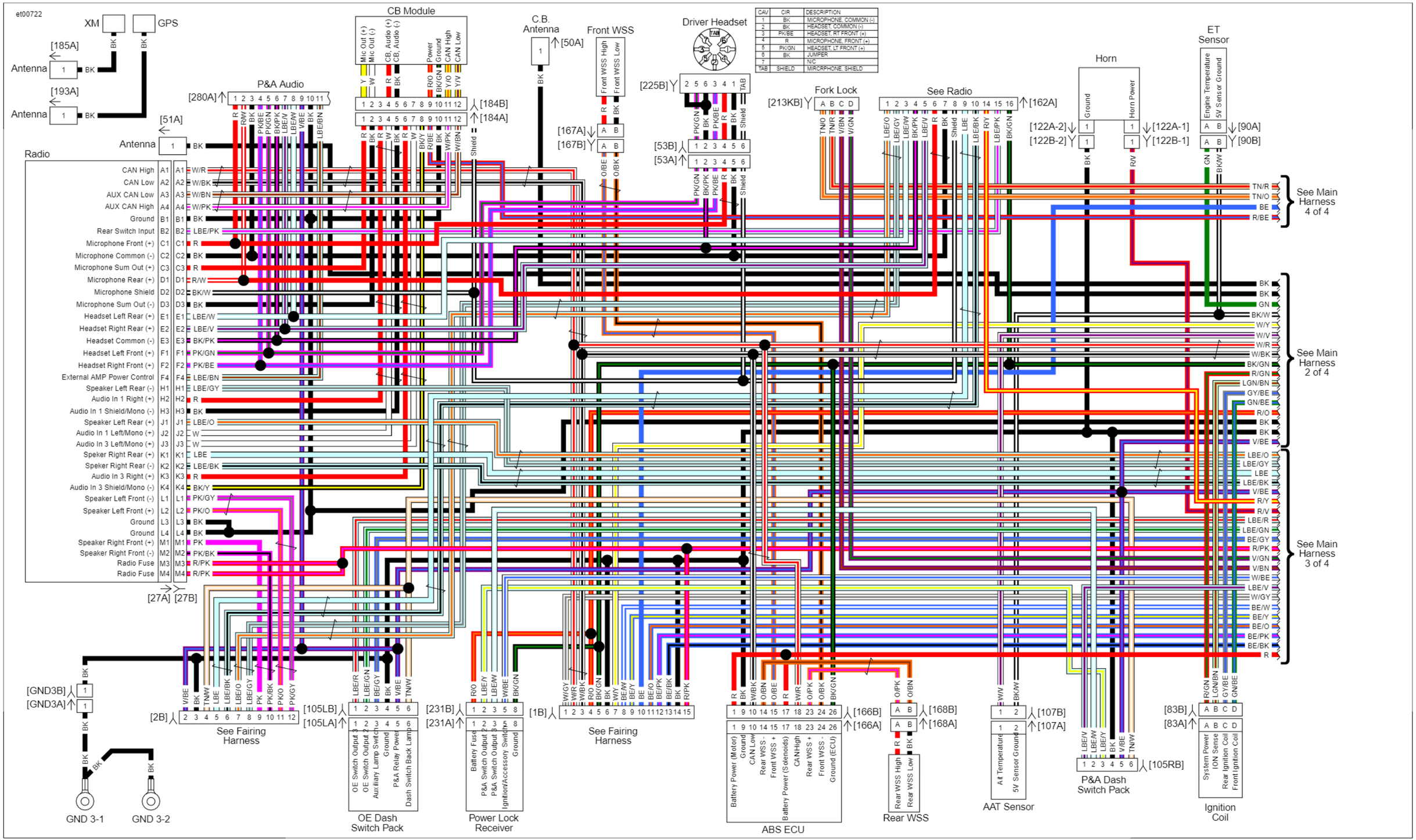


Front Lighting and Hand Controls: 2015 FLHTKSE

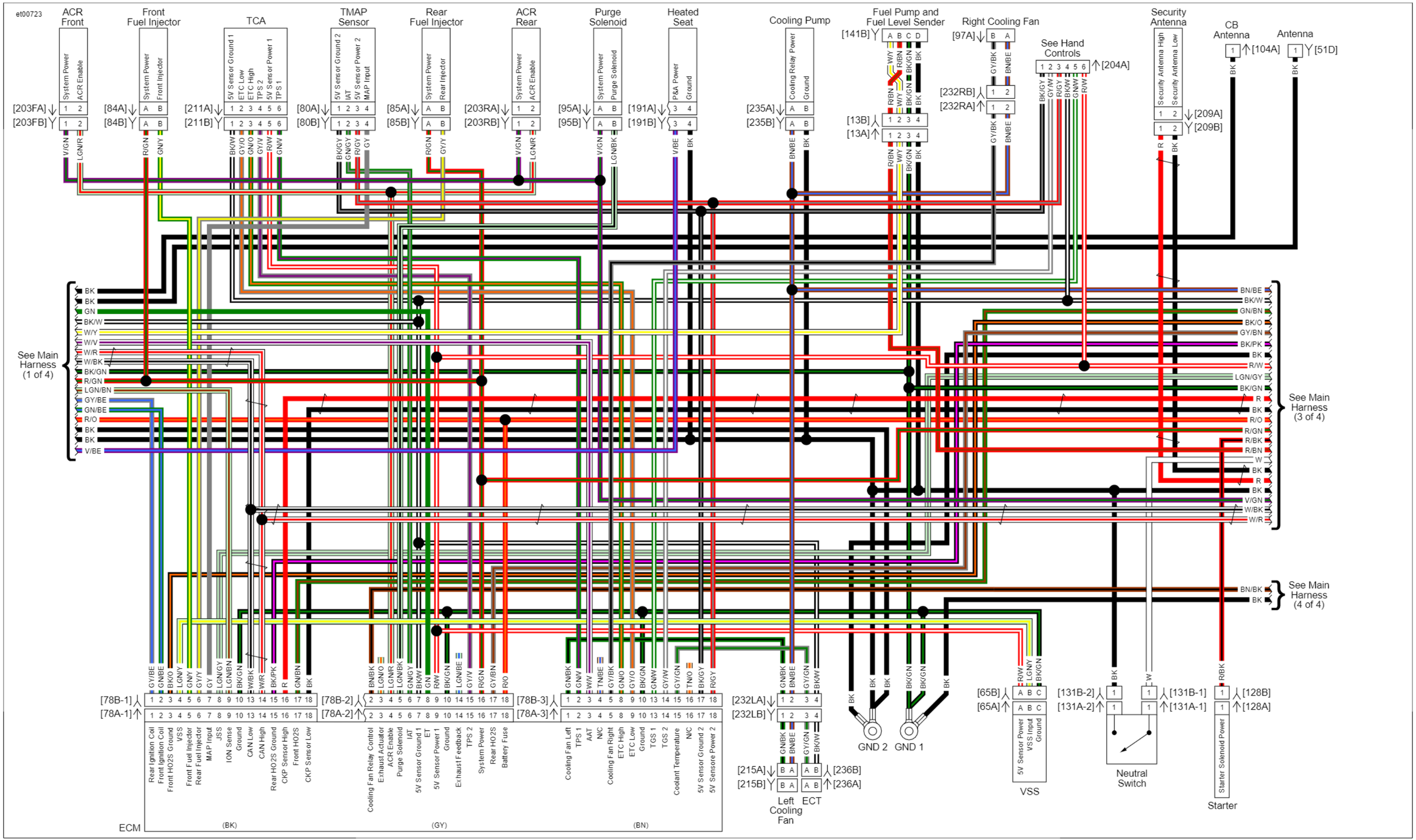
et00721



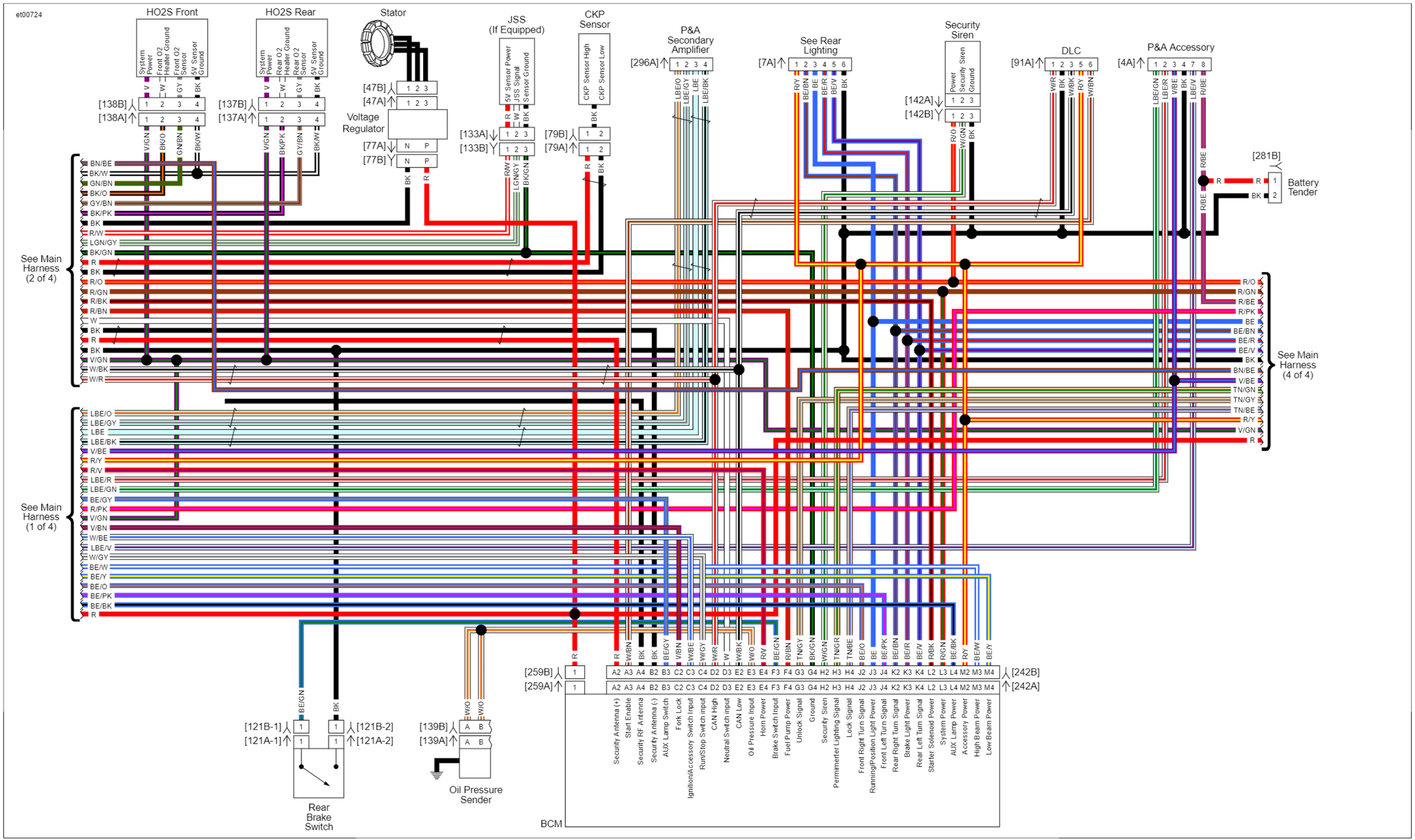
Fairing Harness: 2015 FLHTKSE



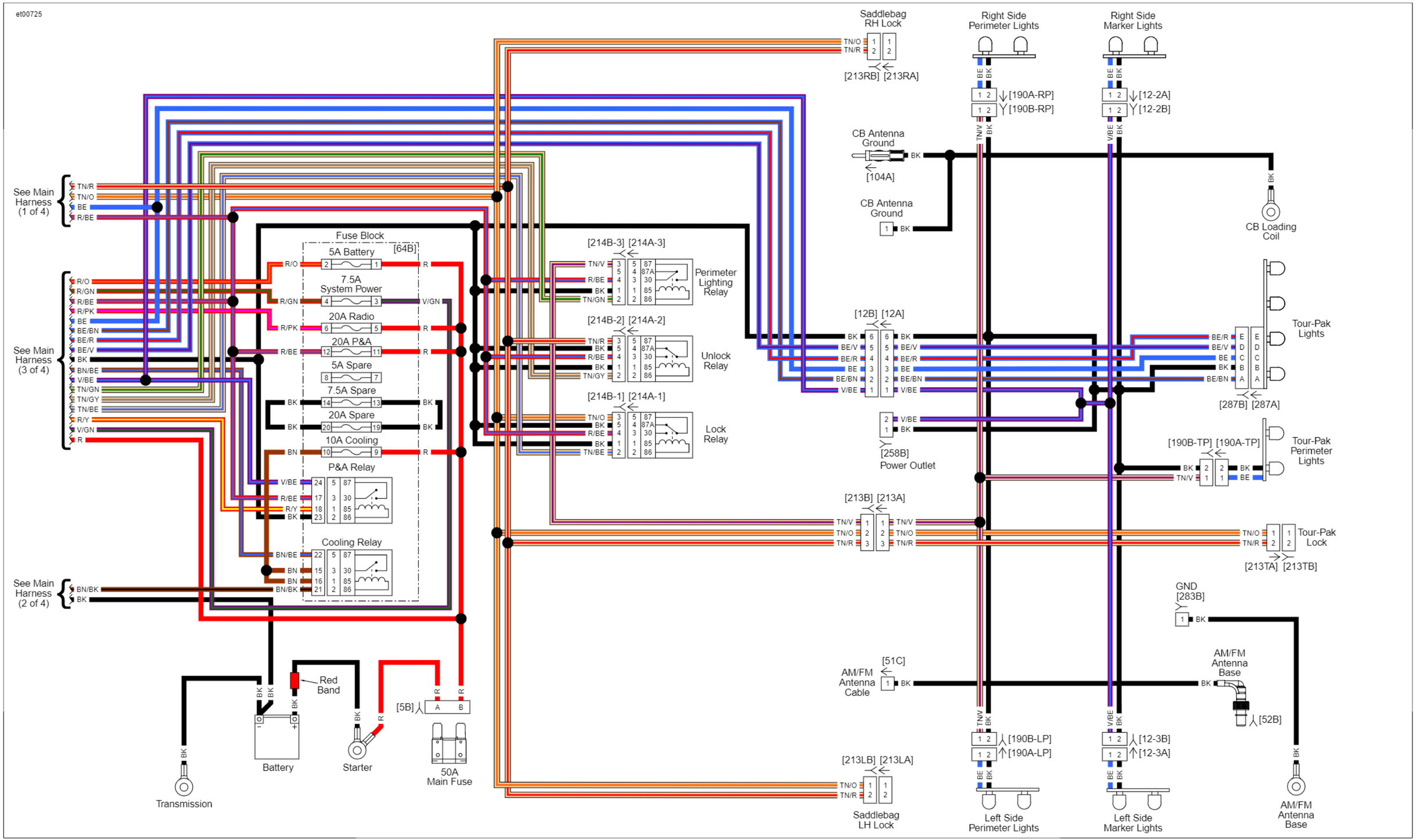
Main Harness (1 of 4): 2015 FLHTKSE



Main Harness (2 of 4): 2015 FLHTKSE

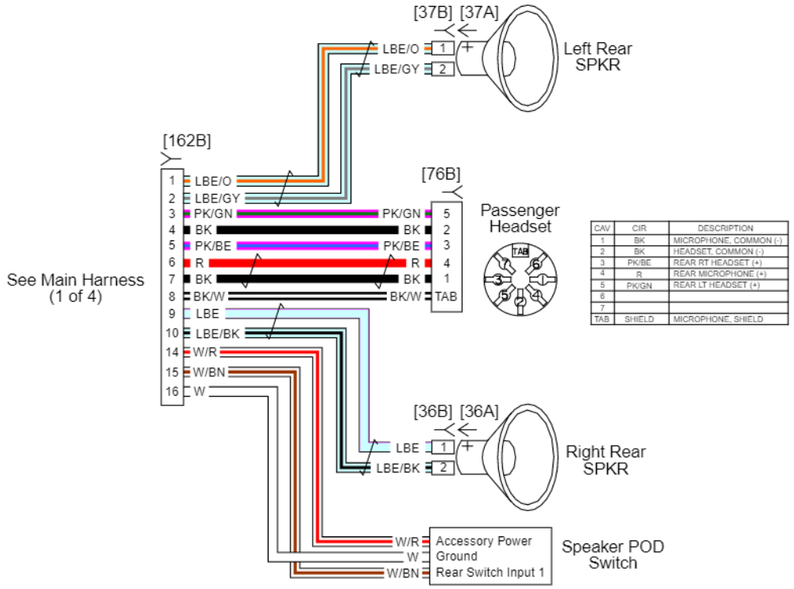


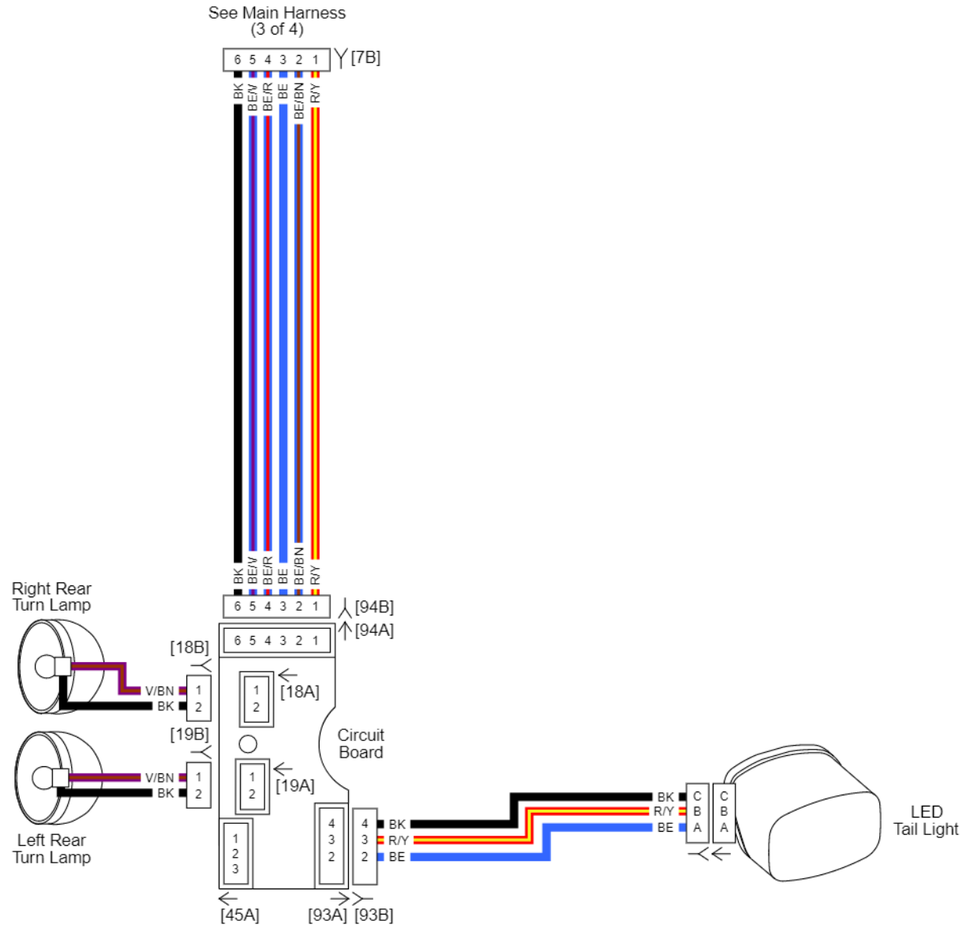
Main Harness (3 of 4): 2015 FLHTKSE



Main Harness (4 of 4): 2015 FLHTKSE

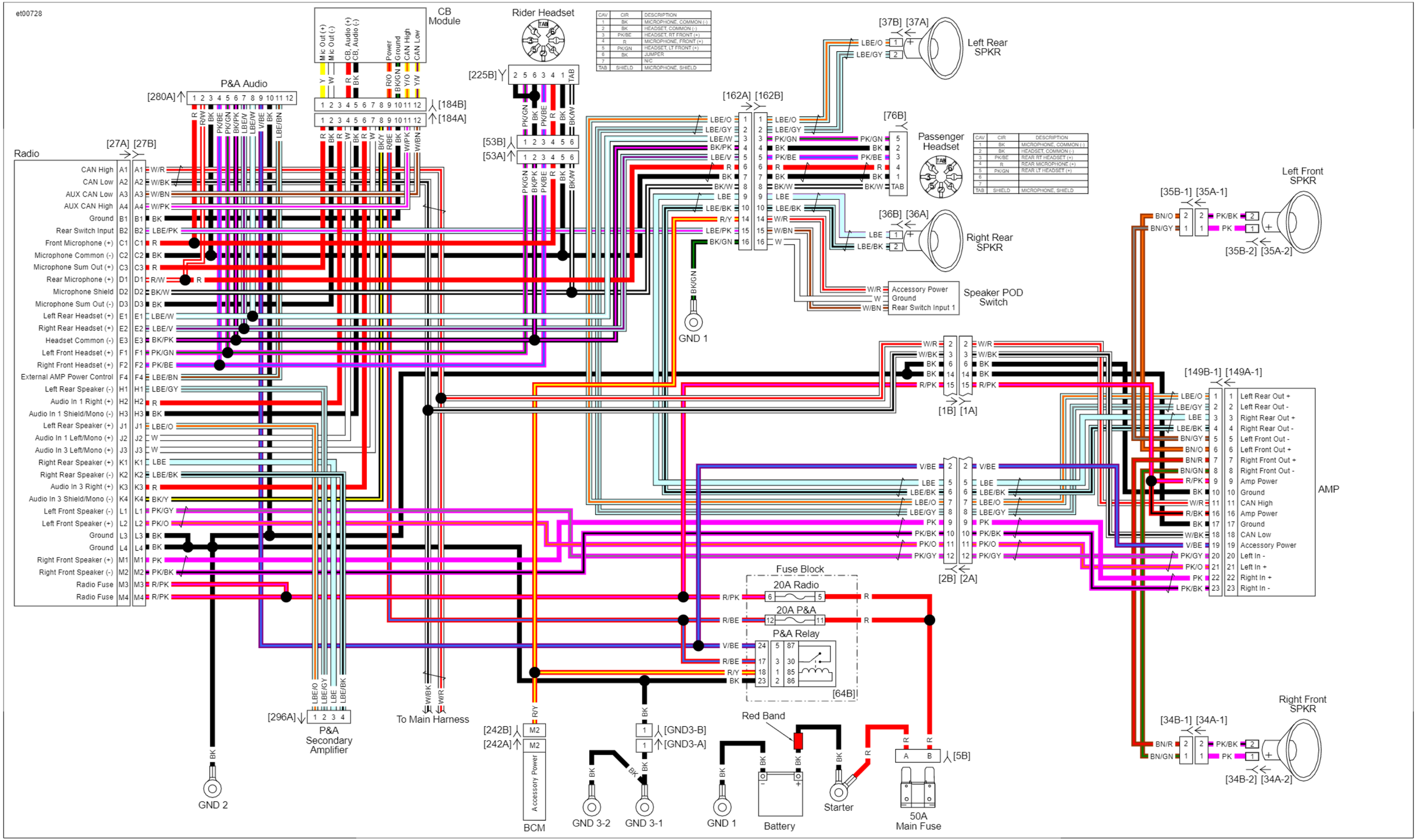
et00637





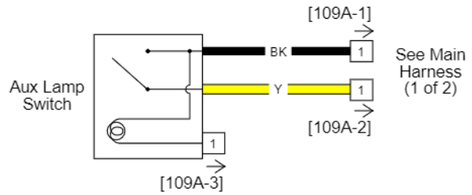
Rear Lighting: 2015 FLHTKSE

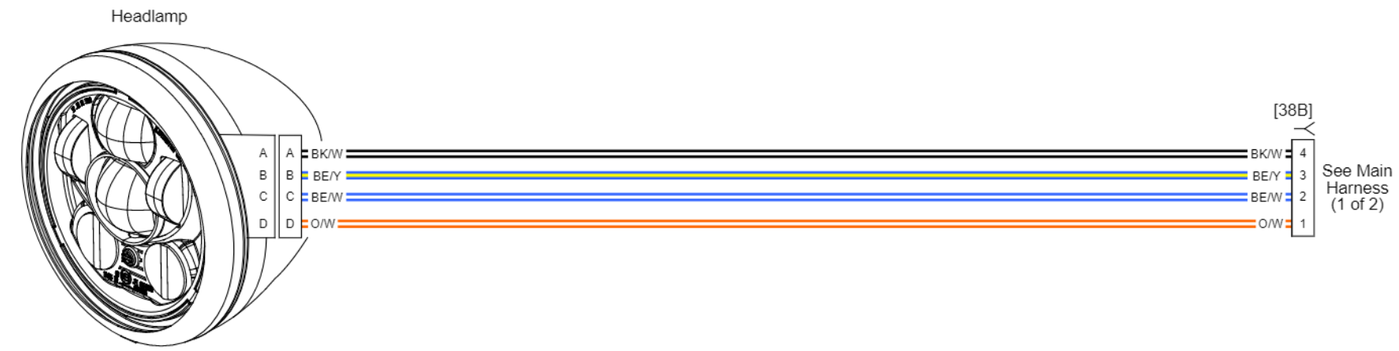
et00728

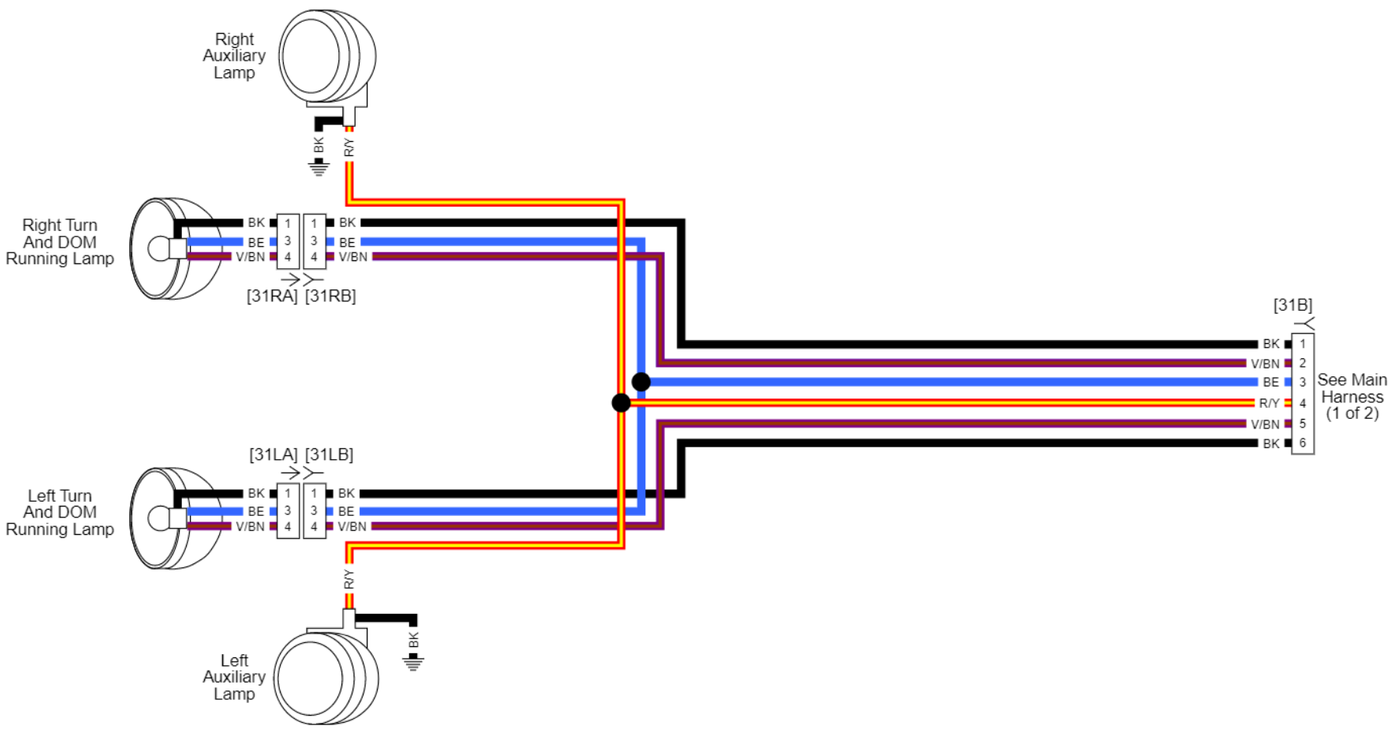


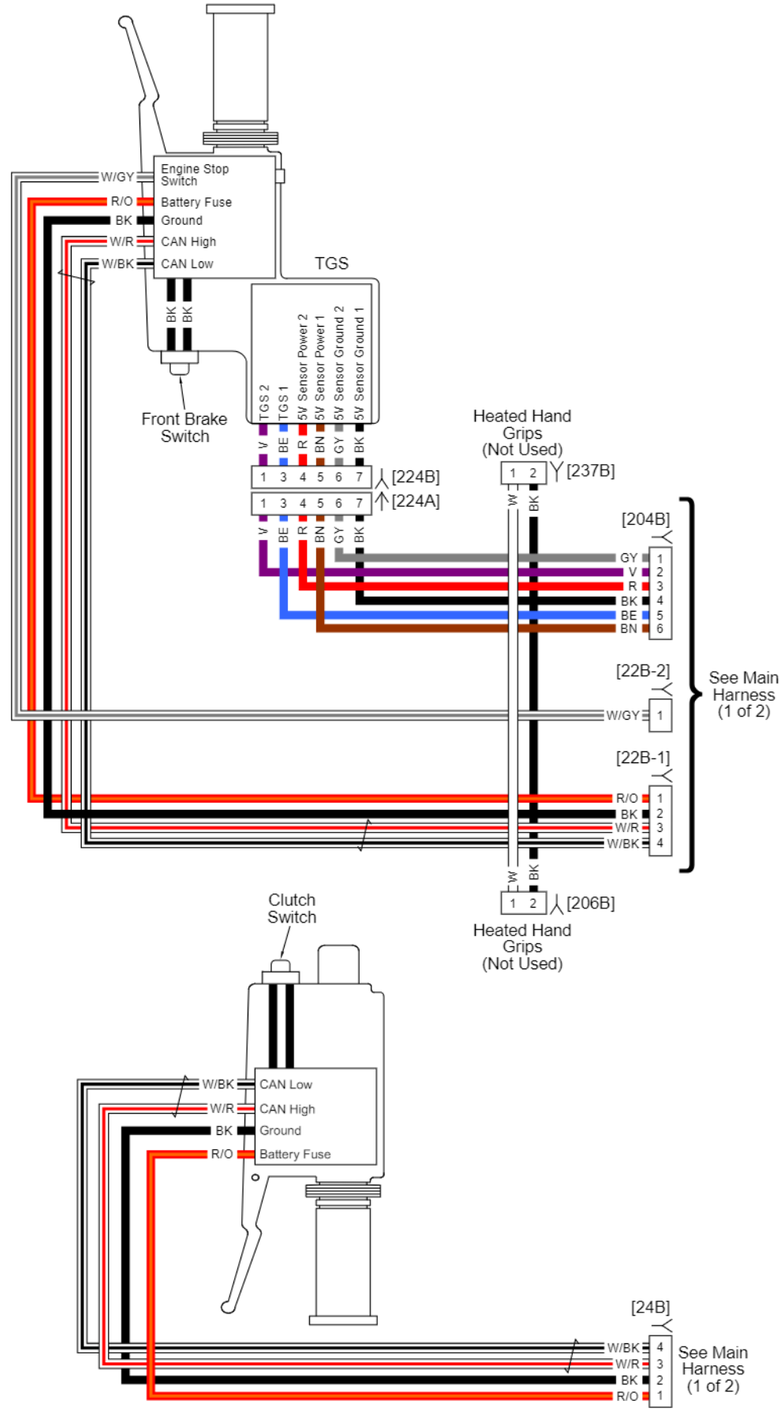
Radio: 2015 FLHTKSE

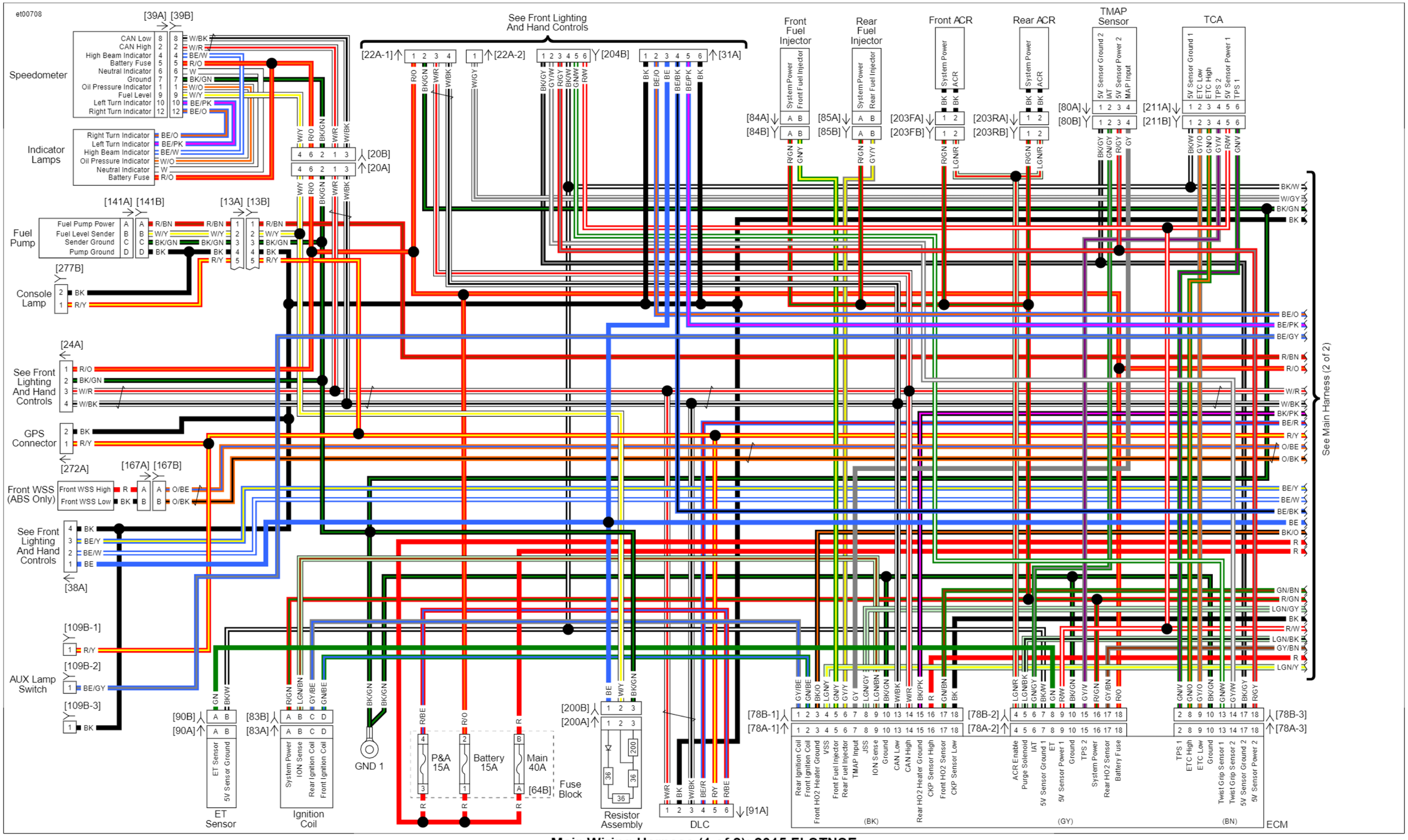
et00627


[109A-1]
Aux Lamp Switch
BK
Y
See Main Harness (1 of 2)
[109A-2]
[109A-3]

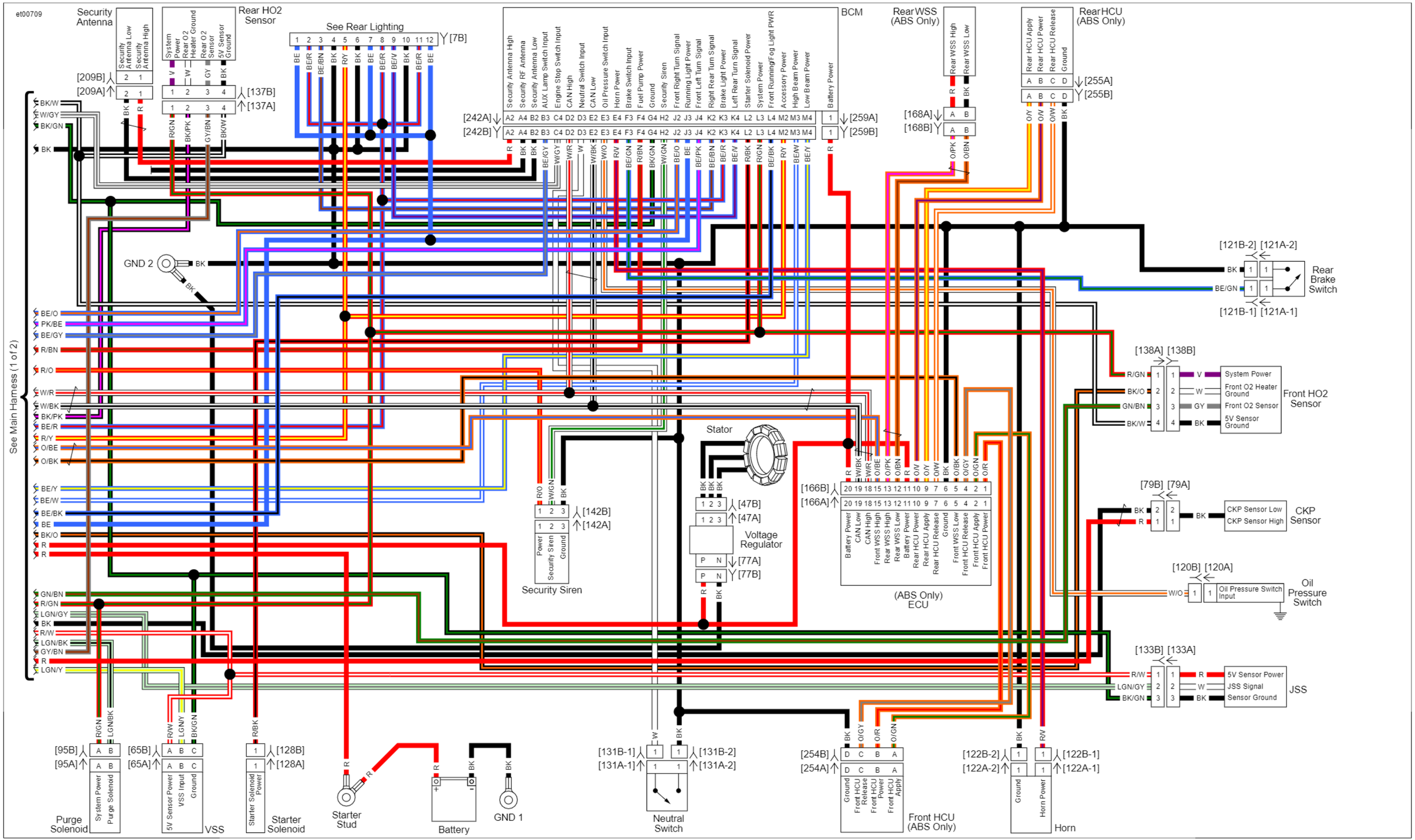

Headlamp
A
B
C
D
BK/W
BE/Y
BE/W
O/W
[38B]
See Main Harness (1 of 2)


Right Auxiliary Lamp
BK
R/Y
Right Turn And DOM Running Lamp
[31RA]
[31RB]
[31B]
See Main Harness (1 of 2)
[31LA]
[31LB]
Left Turn And DOM Running Lamp
Left Auxiliary Lamp


Engine Stop Switch
Battery Fuse
Ground
CAN High
CAN Low
W/GY
R/O
BK
W/R
W/BK
TGS
TGS 2
TGS 1
5V Sensor Power 2
5V Sensor Power 1
5V Sensor Ground 2
5V Sensor Ground 1
Front Brake Switch
Heated Hand Grips (Not Used)
[237B]
[224B]
[224A]
[204B]
[22B-2]
[22B-1]
See Main Harness (1 of 2)
[206B]
Clutch Switch
[24B]

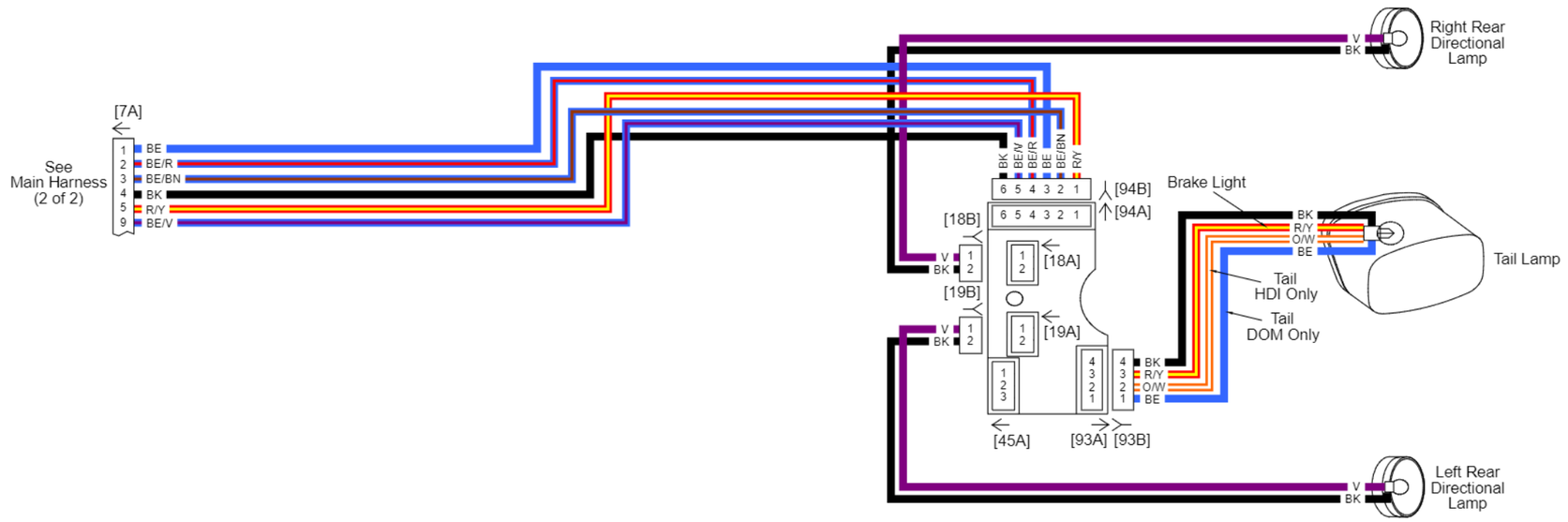


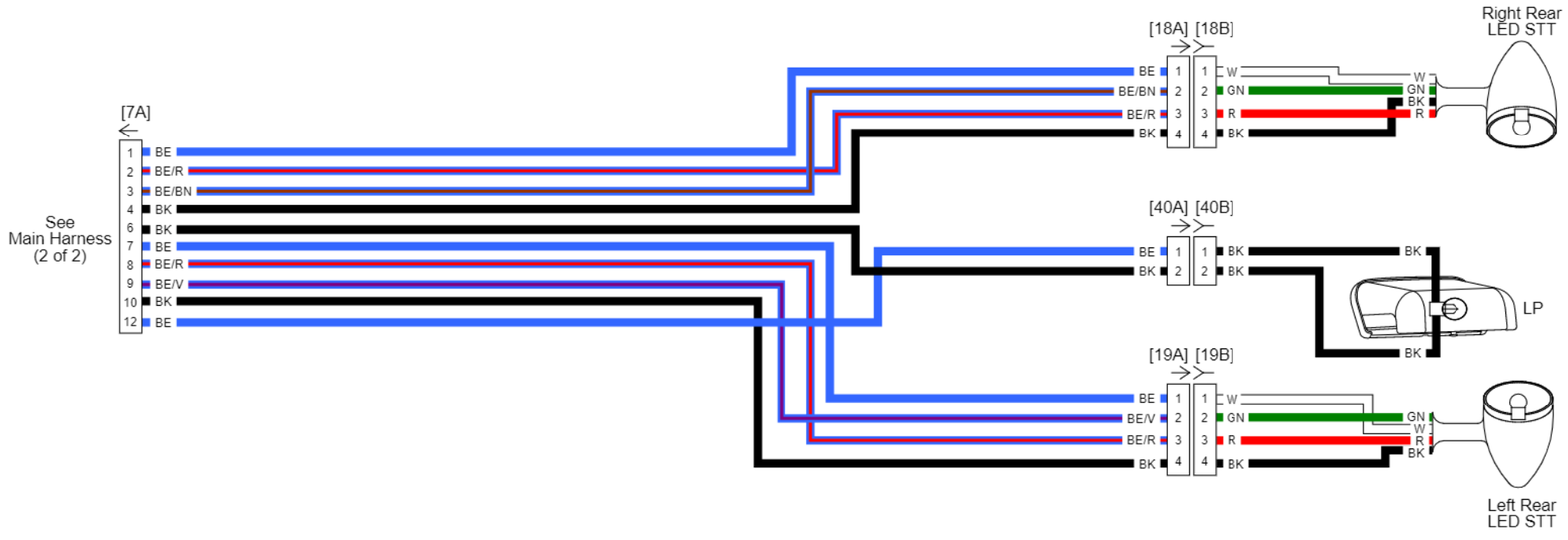
Main Wiring Harness (1 of 2): 2015 FLSTNSE



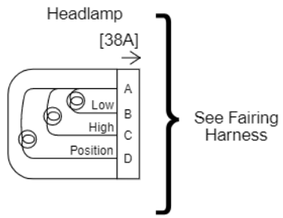
Main Wiring Harness (2 of 2): 2015 FLSTNSE

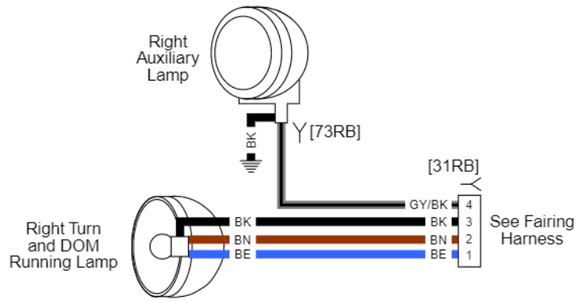
et00638

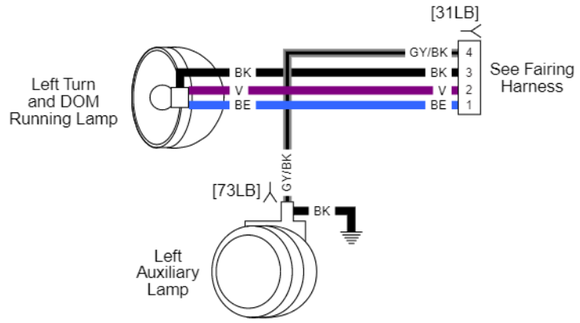


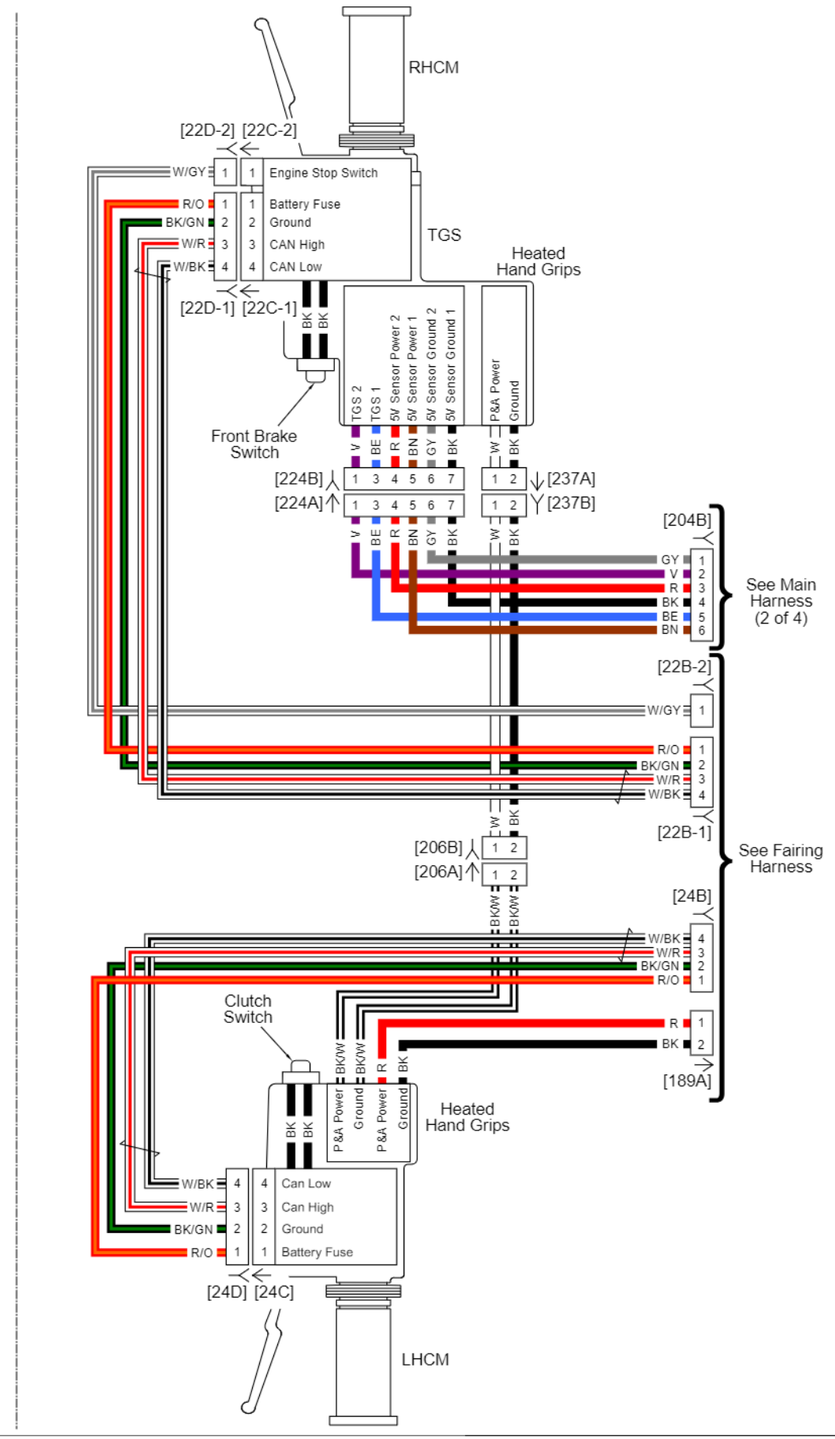


Rear Lighting: 2015 FLSTNSE



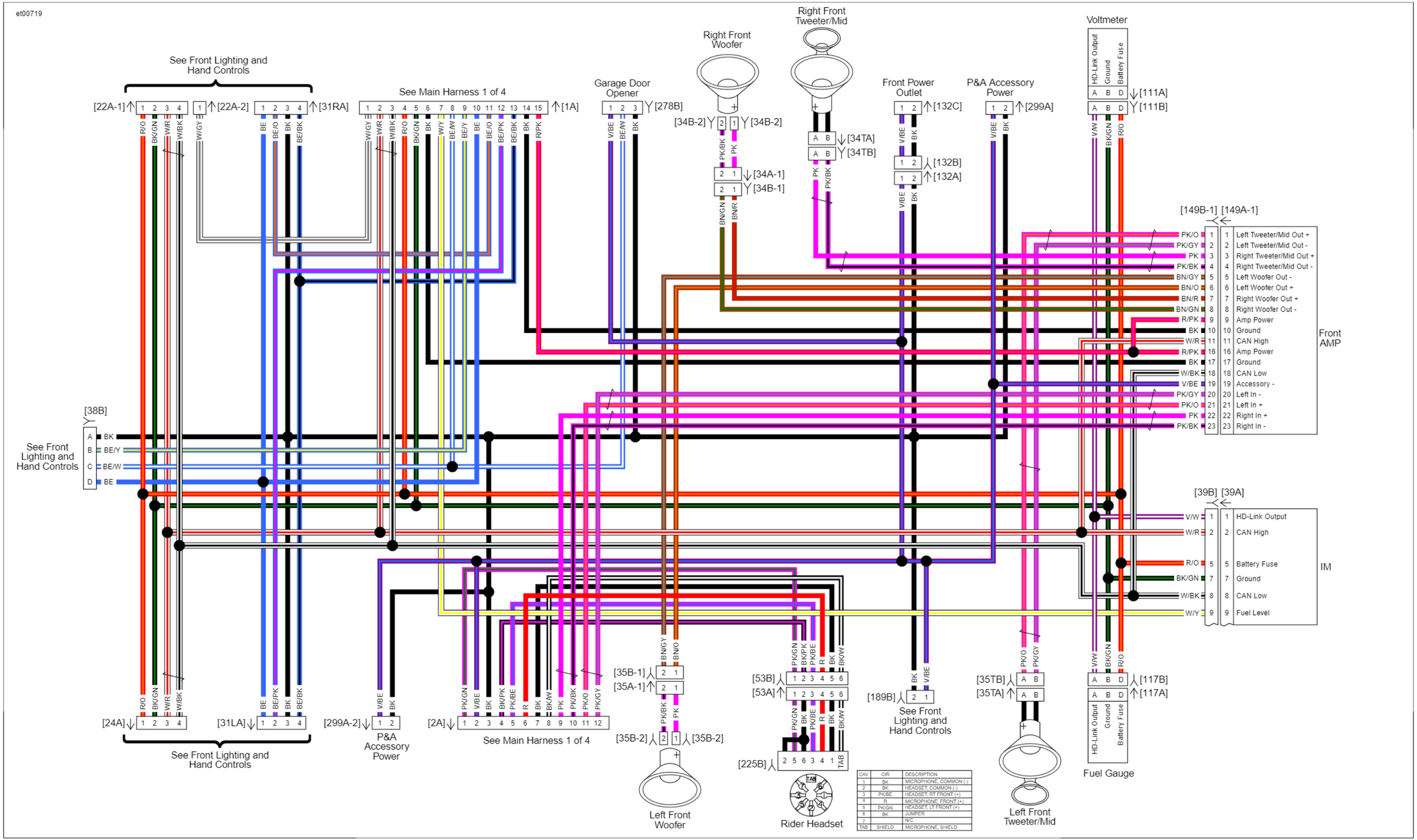




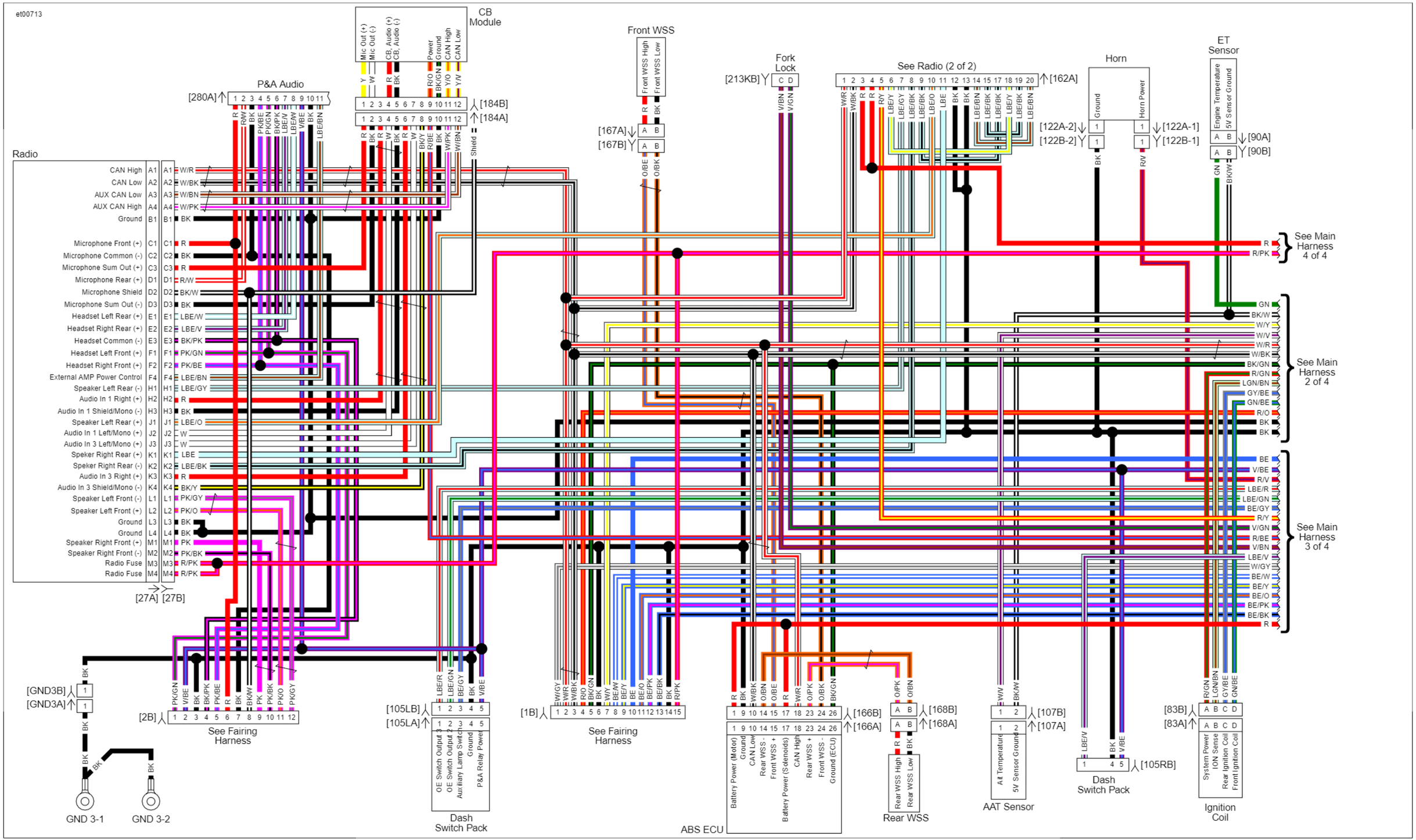


Front Lighting and Hand Controls: 2015 FLHXSE

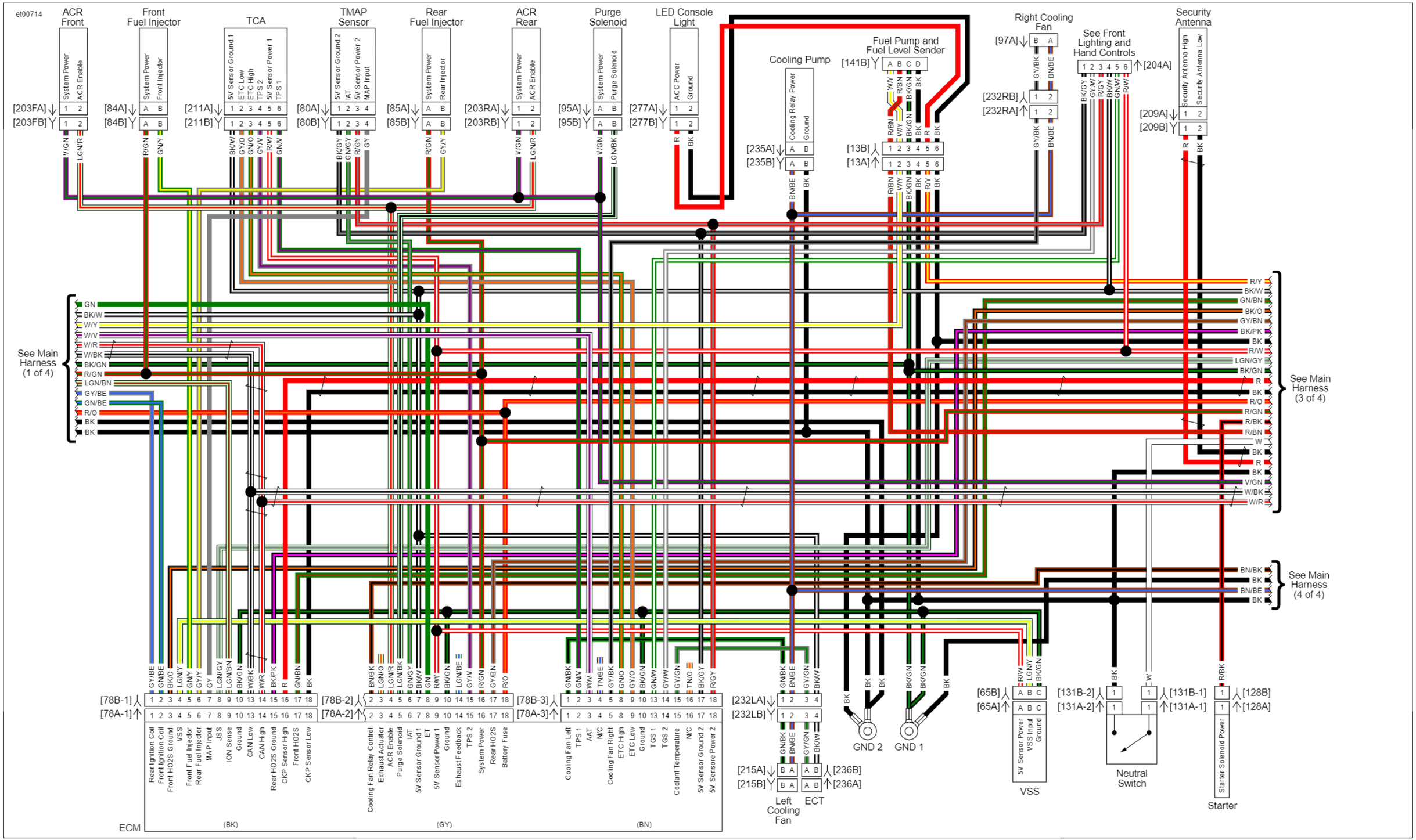
et00719



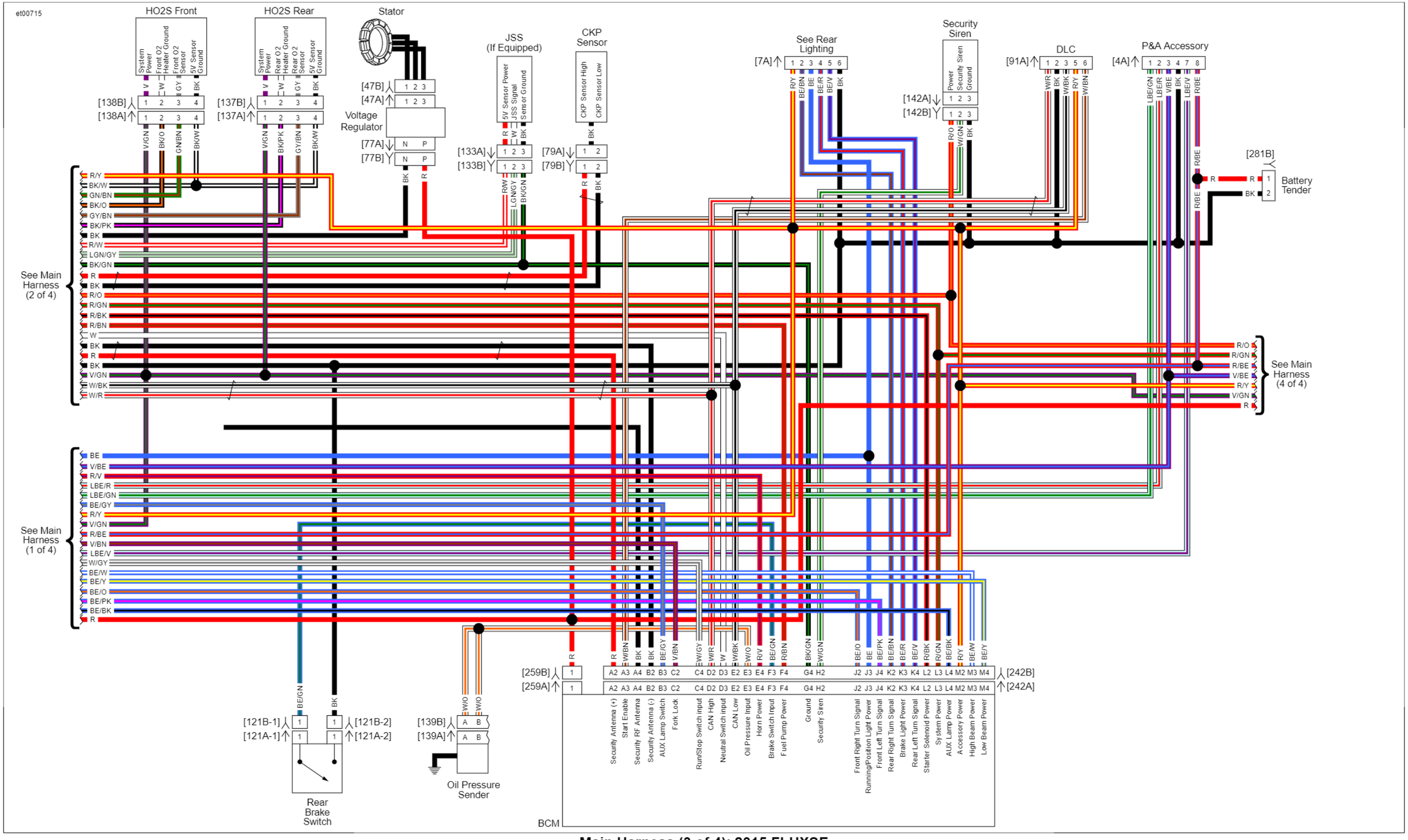
Fairing Harness: 2015 FLHXSE



Main Harness (1 of 4): 2015 FLHXSE

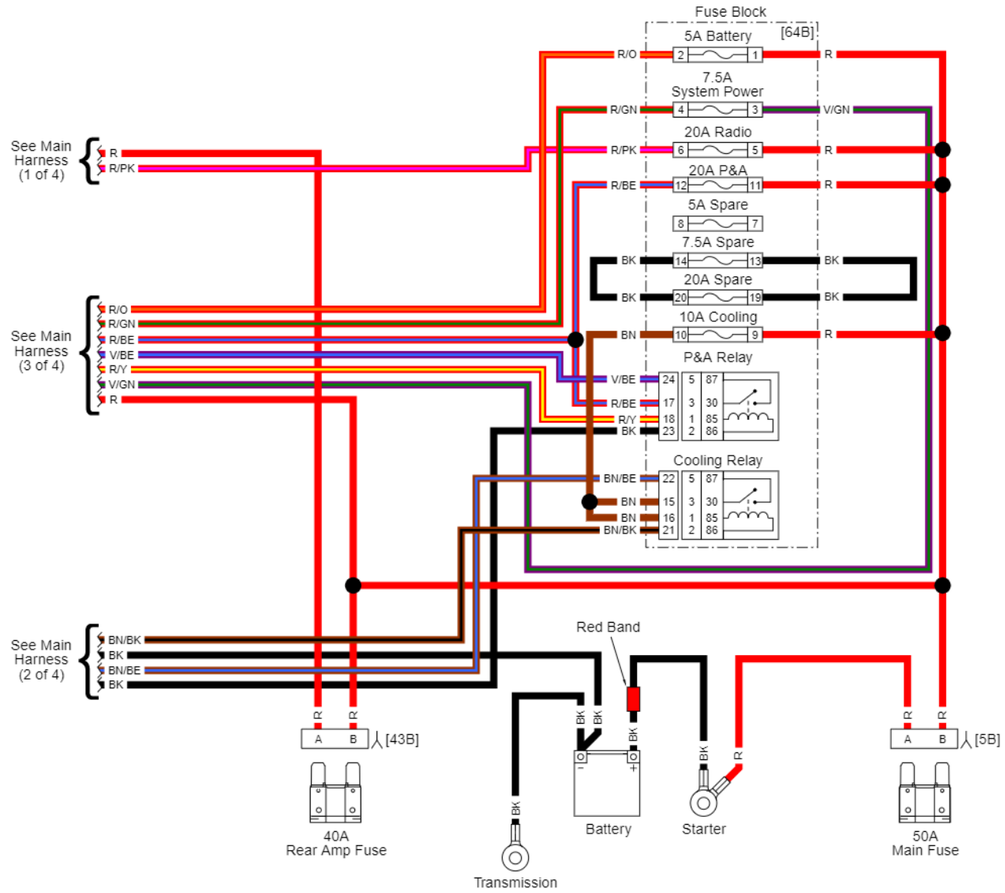


Main Harness (2 of 4): 2015 FLHXSE



Main Harness (3 of 4): 2015 FLHXSE

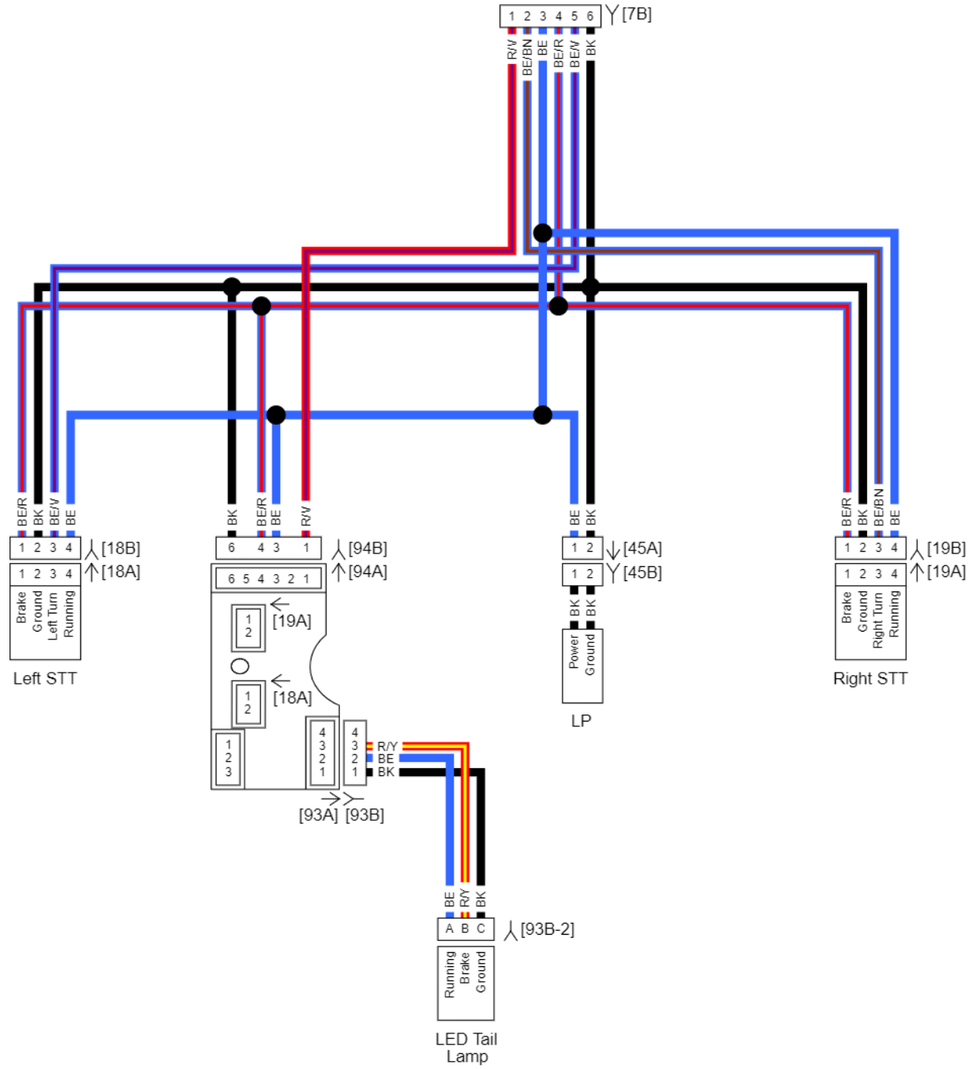
et00716



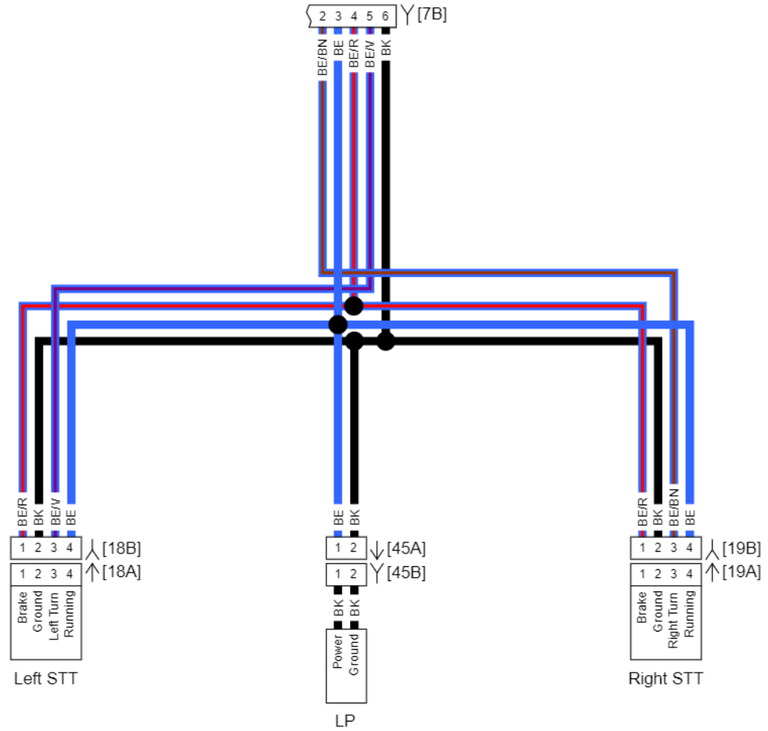
Main Harness (4 of 4): 2015 FLHXSE

et00730

Canada



DOM

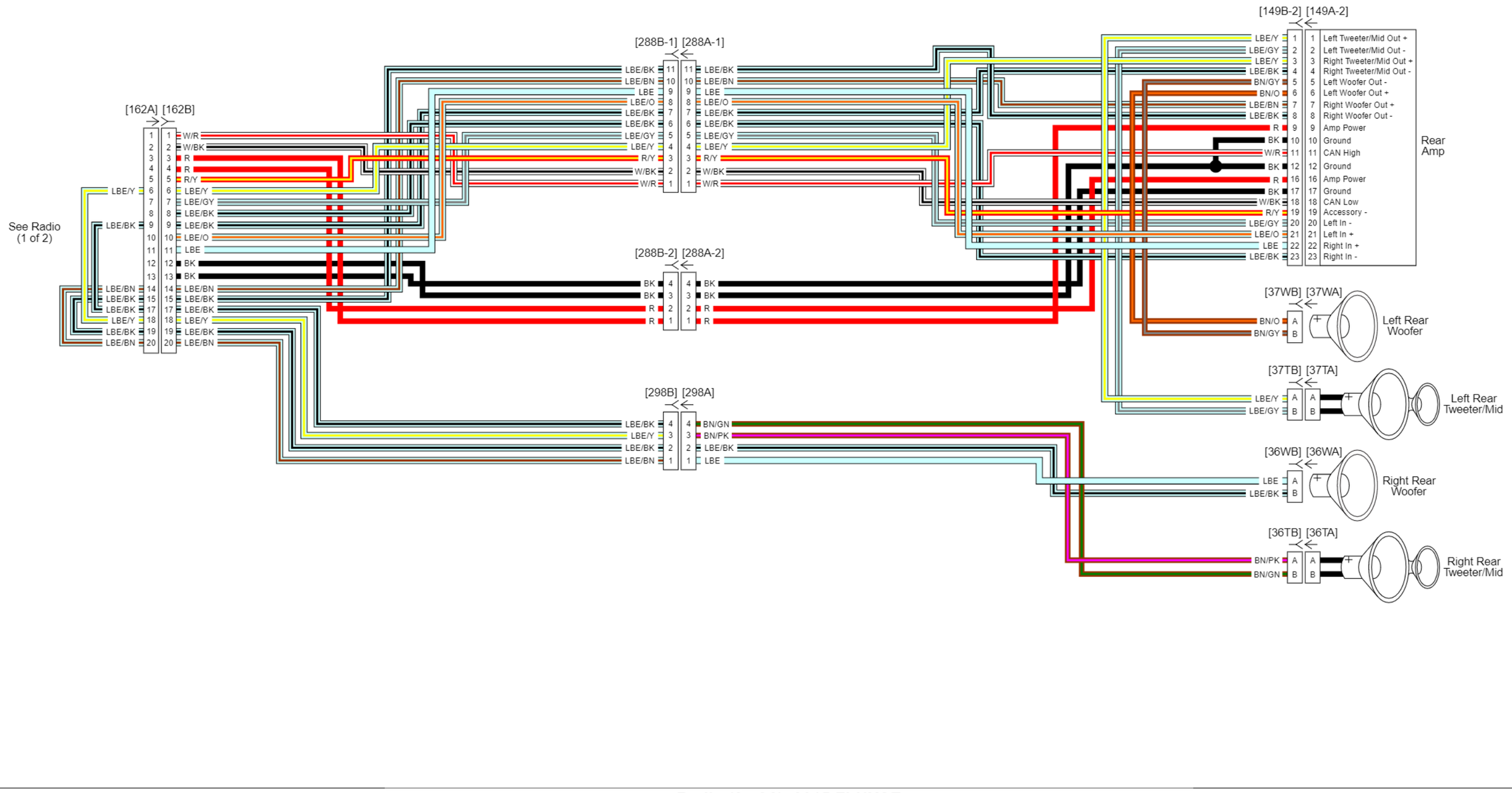


Rear Lighting: 2015 FLHXSE

et00729

Radio (1 of 2): 2015 FLHXSE

et00718



Radio (2 of 2): 2015 FLHXSE

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