

2016 Dodge or Ram Truck RAM 3500 10K SRW Ch Cab
4WD L6-6.7L DSL Turbo

Vehicle > Powertrain Management > Diagrams >
Electrical - Interactive Color (Non OE)

Engine Controls

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HI PRES FUEL PMP MTR DRV
HI PRES FUEL PMP MTR RTN

FUEL PUMP MOTOR
(LOWER LEFT
FRONT OF ENGINE)

INJ 1 CTRL 1
INJ 2 CTRL 2
INJ 3 CTRL 3
VGT 12 VLT SPLY 4
CLUTCH FAN 12 VLT SPLY 9
HI PRES FUEL PMP MTR RTN 10
HI PRES FUEL PMP MTR DRV 11
GEN FLD CTRL 14
TURBO CHRГ SPD SENS RTN 16
TURBO CHRГ SPD SENS SIG 17
CMP SIG 18
EGR POS SENS SIG 3 22
EGR CTRL 1 23
EGR CTRL 2 24
INJ CTRL 1 25
INJ CTRL 2 26
INJ CTRL 3 27
VGT RTN 28
CKP SIG 31
MAF SENS SIG 32
RAD FAN SIG RTN C 33
SENS GND 34
GEN SENS 35
EXHAUST PRESS SIG 36
FRP SENS SIG 2 42
AIR PRESS SENS SIG 44
BOOST PRESS SENS SIG 45
EGR POS SENS SIG 2 46
EGR POS SENS SIG 1 47
EGR CTRL 3 48
INJ CTRL 4 49
INJ CTRL 5 50
INJ CTRL 6 51
OIL PRESS SIG 52
SENS GND 54
CKP GND 55
SENS GND 56
SENS GND 57
SENS RTN 58
FRP SENS SIG 1 59
IAT SIG 60

POWERTRAIN CONTROL MODULE
(LOWER LEFT FRONT OF ENGINE COMPT)

2 DK BLU/LT GRN
1 BRN/WHT
IAT SIG
SENS GND

INTAKE AIR
TEMPERATURE
SENSOR
(LEFT REAR
OF ENGINE)

2 DK BLU/GRY
3 BRN/LT BLU
1 BRN/ORG
5 VLT SPLY
CKP GND
CKP SIG
5 VLT SPLY

CRANKSHAFT
POSITION SENSOR
(LOWER FRONT OF
ENGINE BLOCK)

3 DK BLU/GRY
1 PNK/YEL
2 BRN/ORG
CMP SIG
5 VLT SPLY
SENS GND

CAMSHAFT
POSITION SENSOR
(LEFT FRONT OF
CYLINDER HEAD)

5 BRN/YEL
2 DK BLU/PNK
1 BRN/GRY
3 BLK
FRP SENS SIG 1
SENS RTN
FRP SENS SIG 2
5 VLT SPLY

FUEL RAIL
PRESSURE
SENSOR
(LEFT REAR
OF ENGINE)

OIL
PRESS
SIG
OIL PRESSURE
SWITCH
(LOWER RIGHT
SIDE OF
ENGINE BLOCK)

VIO/GRY

PRESS SENS
SIG
PRESS SENS
SIG
SENS GND
5 VLT SPLY

BRN/DK GRN 3
BRN/ORG 2
PNK/YEL 1

MANIFOLD
EXHAUST
PRESSURE
SENSOR
(REAR OF
EXHAUST
MANIFOLD)

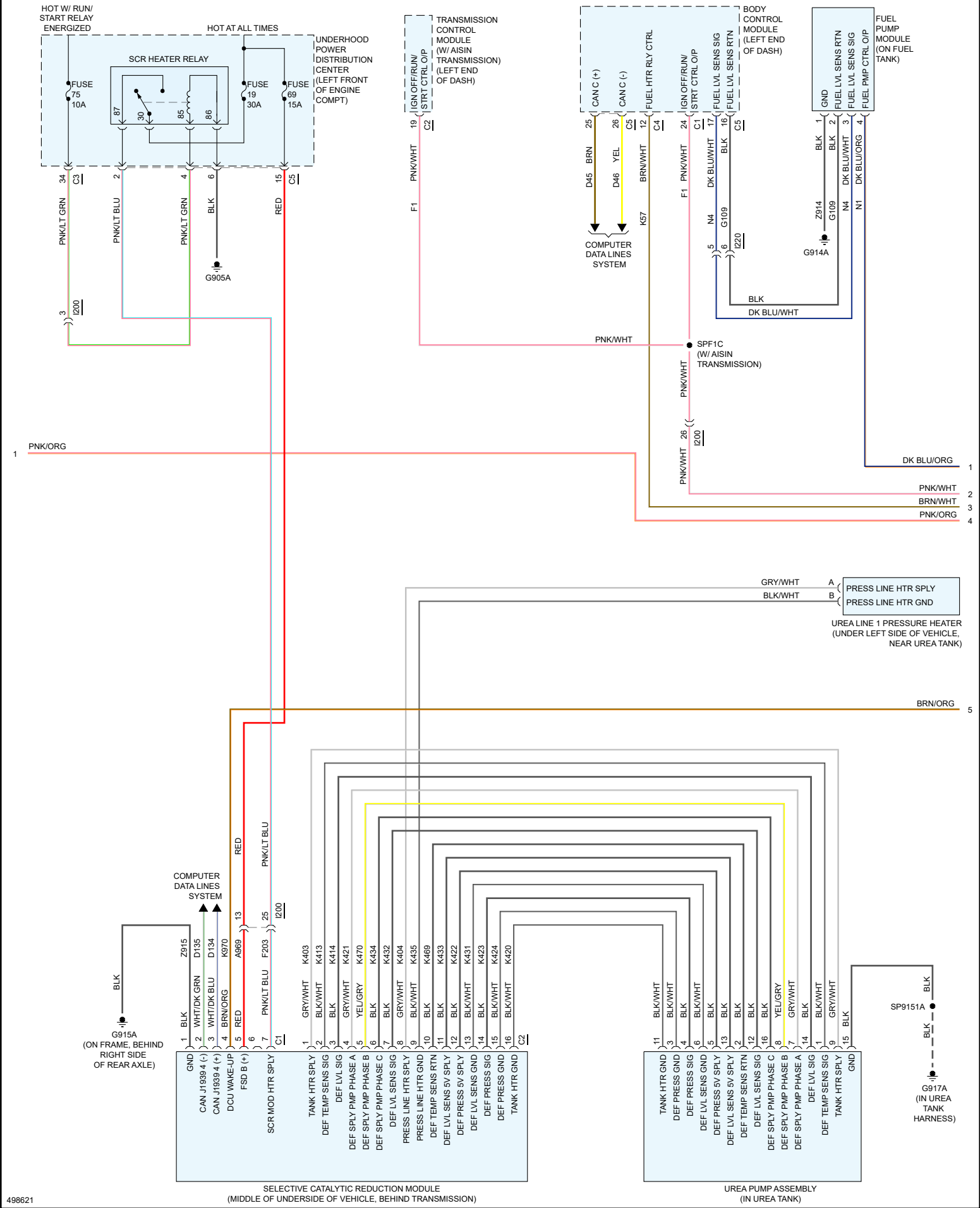
PRESS
SENS SIG
AIR TEMP
SENS SIG
SENS GND
5 VLT SPLY

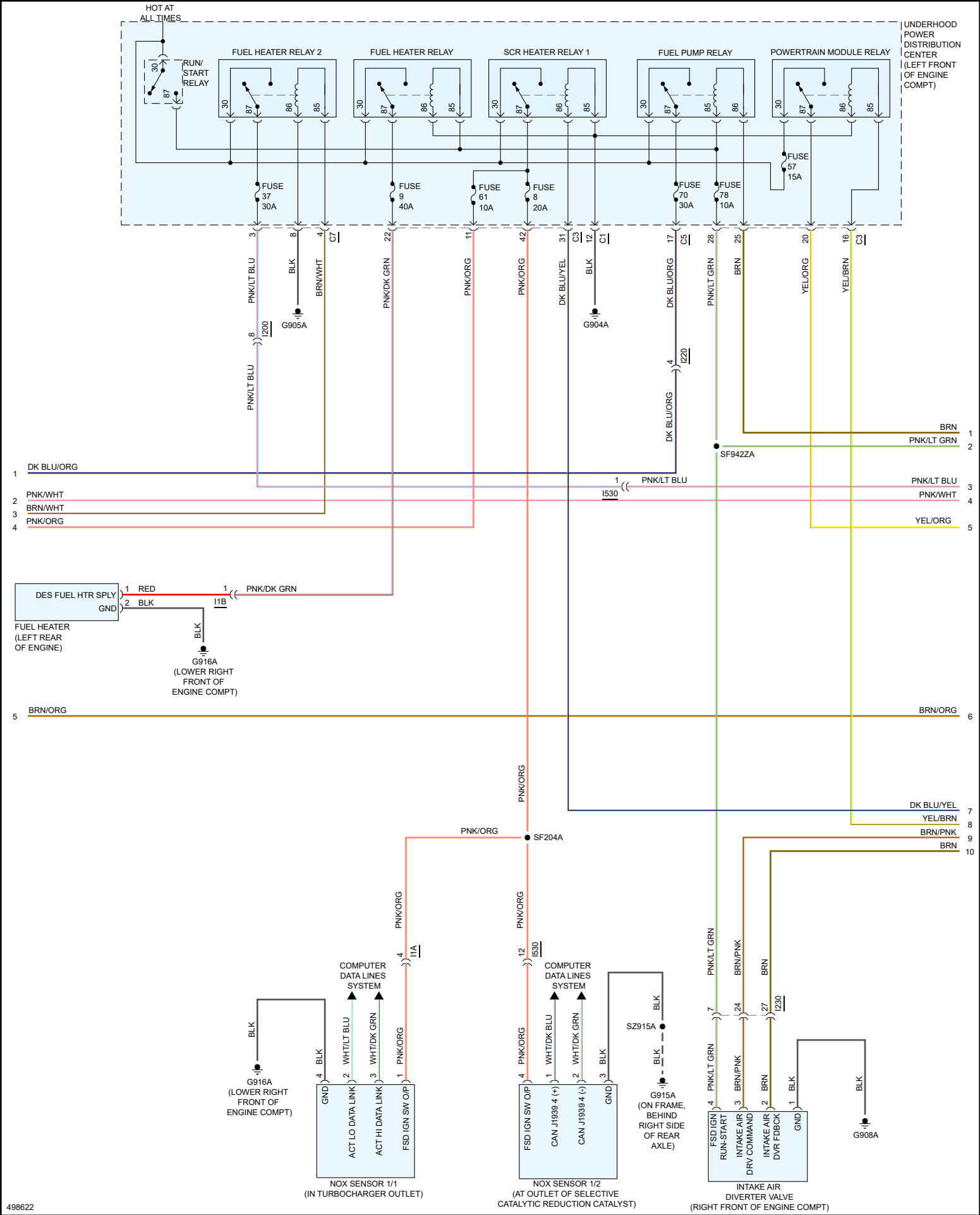
BRN/YEL 1
BRN/WHT 3
BRN/ORG 4
PNK/YEL 2

MAP TEMPERATURE/
PRESSURE SENSOR
(ON AIR INLET
DUCT ASSEMBLY)

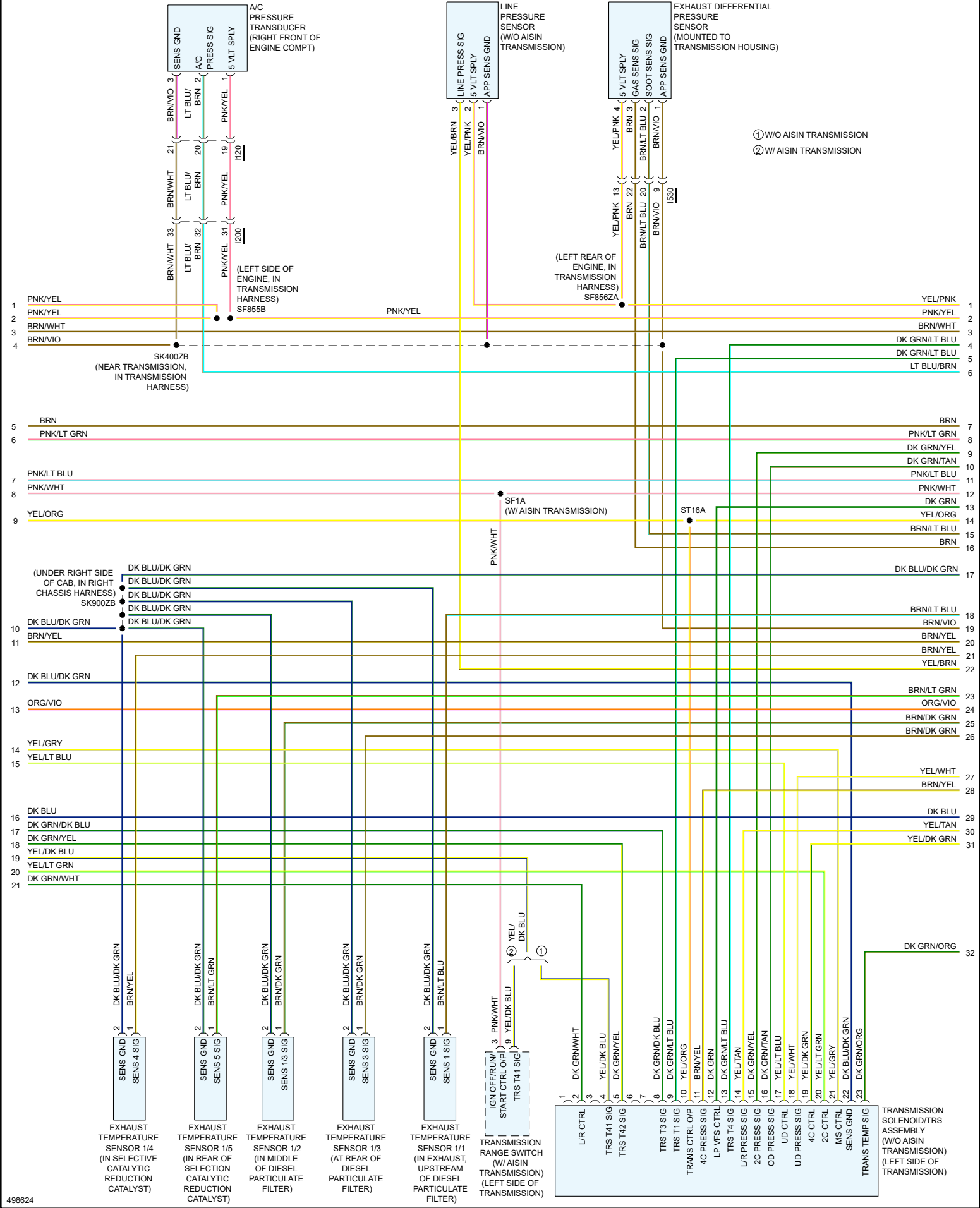
ORG/BRN 1
YEL/BRN 2
GRY/BRN 3
ORG/BLK 4
PNK/YEL 5
BRN/ORG 6
BRN/ORG 7
BRN/VIO 8
BRN/GRY 9
PNK/YEL 10
BRN/ORG 11
DK BLU/LT BLU 12
DK BLU/LT GRN 13
DK BLU/YEL 14
BRN/YEL 15
BRN/DK BLU 16
BRN/LT BLU 17
VIO/BLK 18
PNK/YEL 19
BRN/ORG 20
BRN/WHT 21
BRN/ORG 22
BRN/WHT 23
BRN/WHT 24
BRN/DK GRN 25
DK BLU/GRY 26
DK BLU 27
BLK 28
DK BLU/WHT 29
BRN/TAN 30
BRN/ORG 31
BRN/VIO 32
BRN/ORG 33
BRN/ORG 34
BLK 35

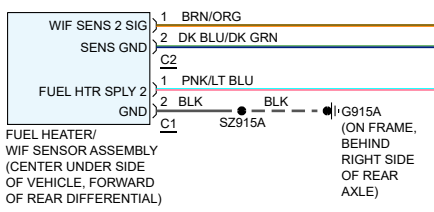
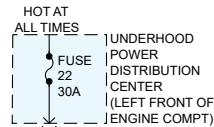




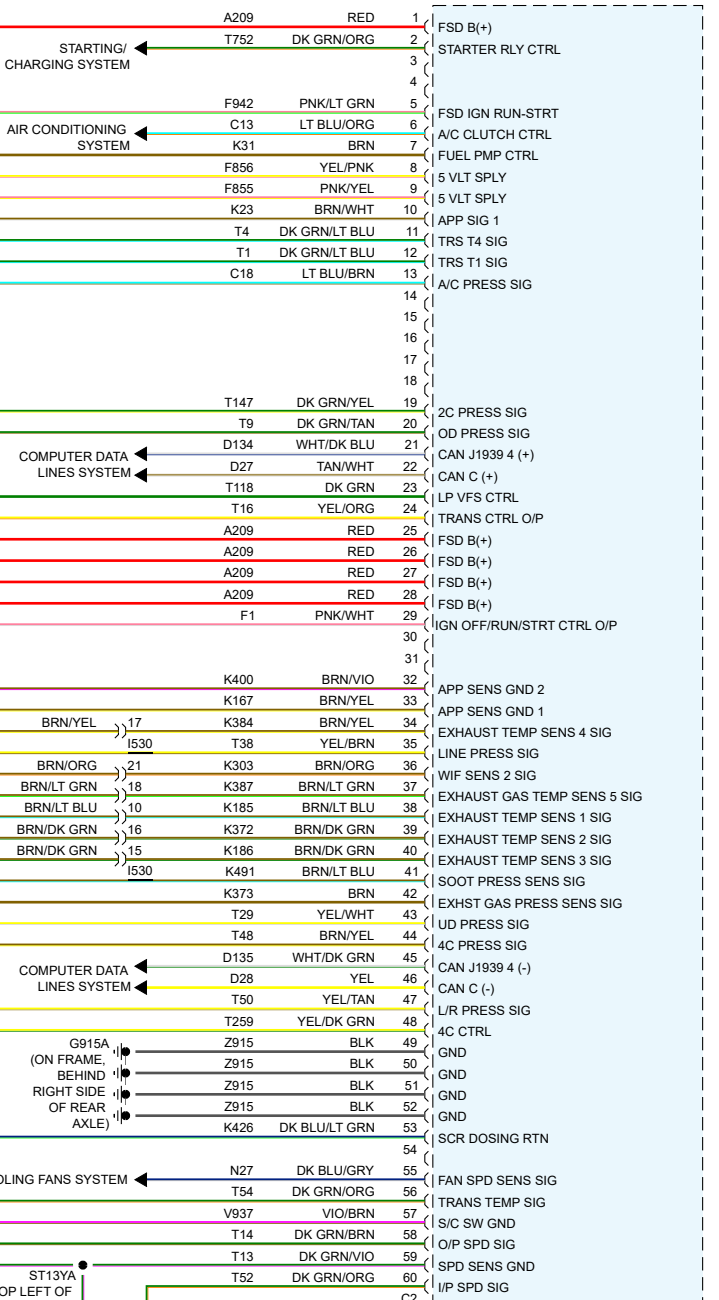
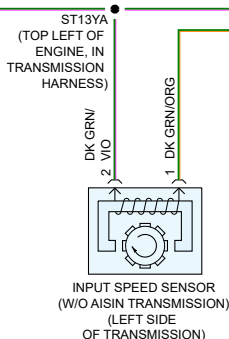
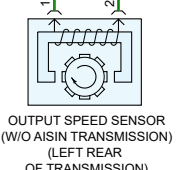
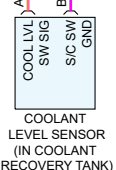
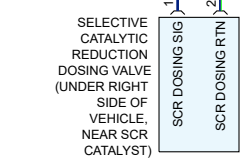








- 1 YEL/PNK
- 2 PNK/YEL
- 3 BRN/WHT
- 4 DK GRN/LT BLU
- 5 DK GRN/LT BLU
- 6 LT BLU/BRN
- 7 BRN
- 8 PNK/LT GRN
- 9 DK GRN/YEL
- 10 DK GRN/TAN
- 11 PNK/LT BLU
- 12 PNK/WHT
- 13 DK GRN
- 14 YEL/ORG
- 15 BRN/LT BLU
- 16 BRN
- 17 DK BLU/DK GRN
- 18 BRN/LT BLU
- 19 BRN/VIO
- 20 BRN/YEL
- 21 BRN/YEL
- 22 YEL/BRN
- 23 BRN/LT GRN
- 24 ORG/VIO
- 25 BRN/DK GRN
- 26 BRN/DK GRN
- 27 YEL/WHT
- 28 BRN/YEL
- 29 DK BLU
- 30 YEL/TAN
- 31 YEL/DK GRN



POWERTRAIN CONTROL MODULE (LOWER LEFT FRONT OF ENGINE COMPT)