

CONTINUED ON
SHEET 002

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001 of 117

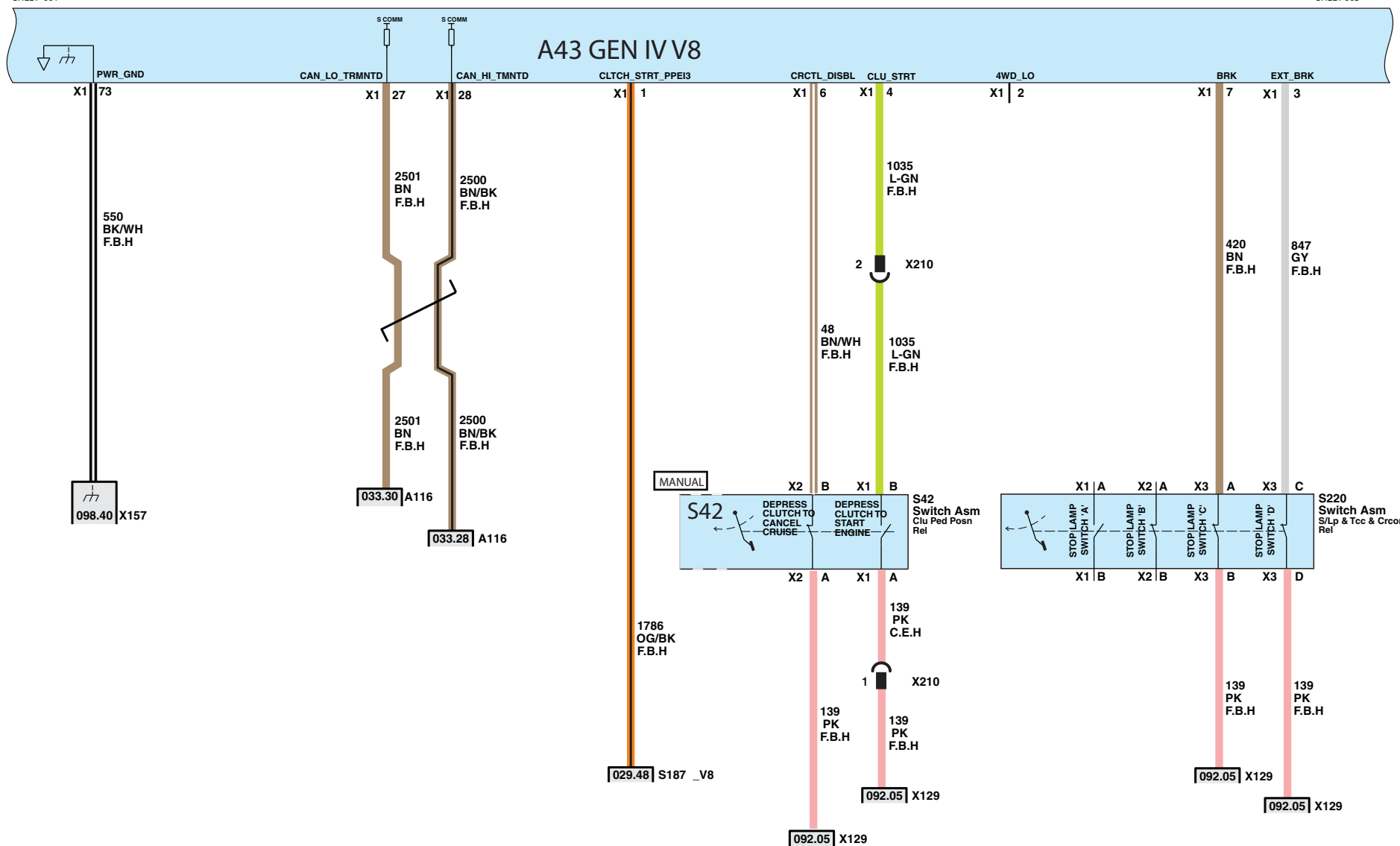
GEN IV Engine Inputs/Outputs Domestic Only

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT001

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SHEET 001

CONTINUED ON
SHEET 003



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002 of 117

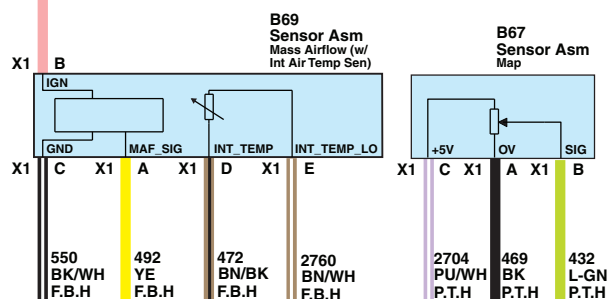
HOT IN RUN OR START

087.25 | X100



MAF439

439
PK
F.B.H



098.40 | X157

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SHEET 002

CONTINUED ON
SHEET 004

A43 GEN IV V8

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003 of 117

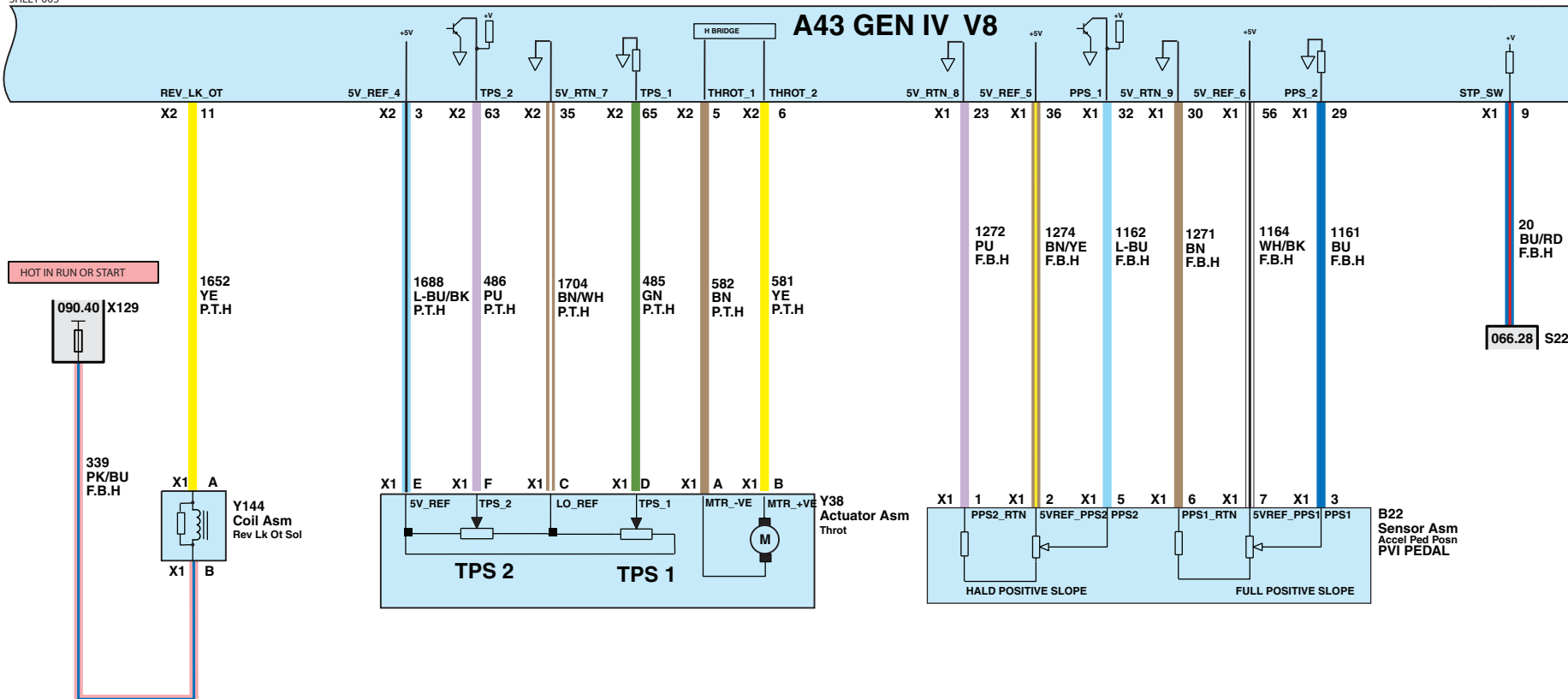
GEN IV Engine - Engine Sensors & Controls Domestic Only

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT003

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SHEET 003

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SHEET 005

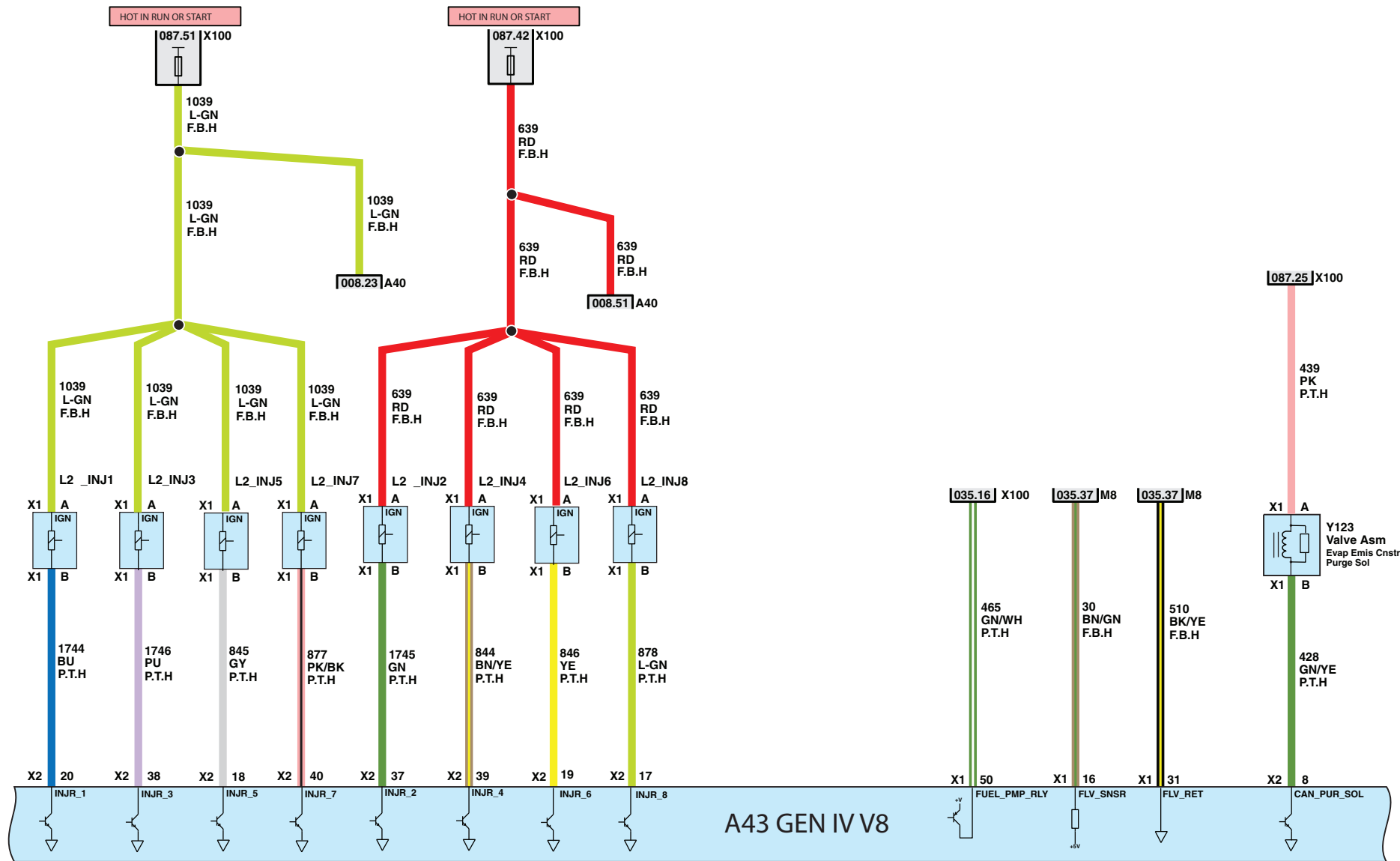


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004 of 117

GEN IV Engine - Throttle Actuator (Domestic Only)

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT004



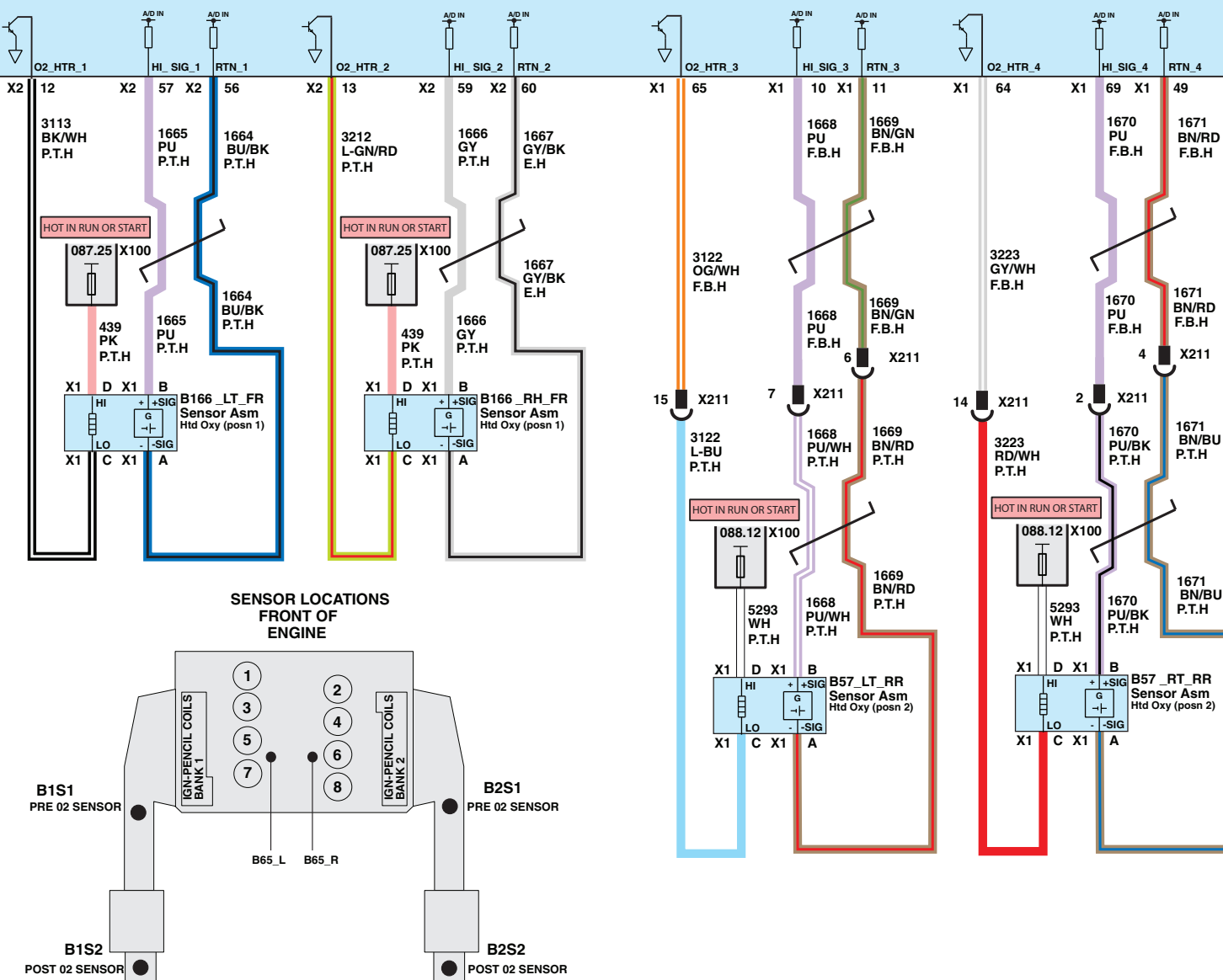
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GEN IV Engine - Fuel Injectors, Fuel Level & Fuel Control

MY2005 AND MY2006 VZ SEDAN AND WAGON

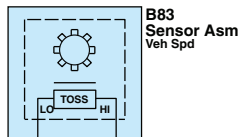
V06(AU)_VF_12PSHT005

A43 GEN IV V8



[073.50] P3

MANUAL



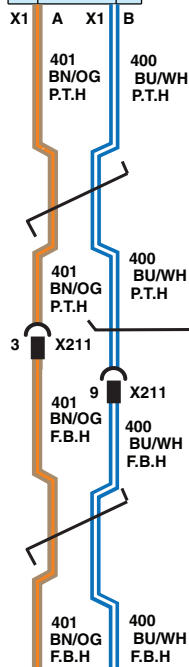
AUTO

[029.51] A112_4SPDV8

[073.46] P3

[088.37] X100

5197
PU/WH
F.B.H



381
BU
P.T.H

121
BN/RD
F.B.H

447
YE
F.B.H

X1 57
SPD_SIG

X1 72 X1 71
TOSS_LO TOSS_HI

X1 48
TACH

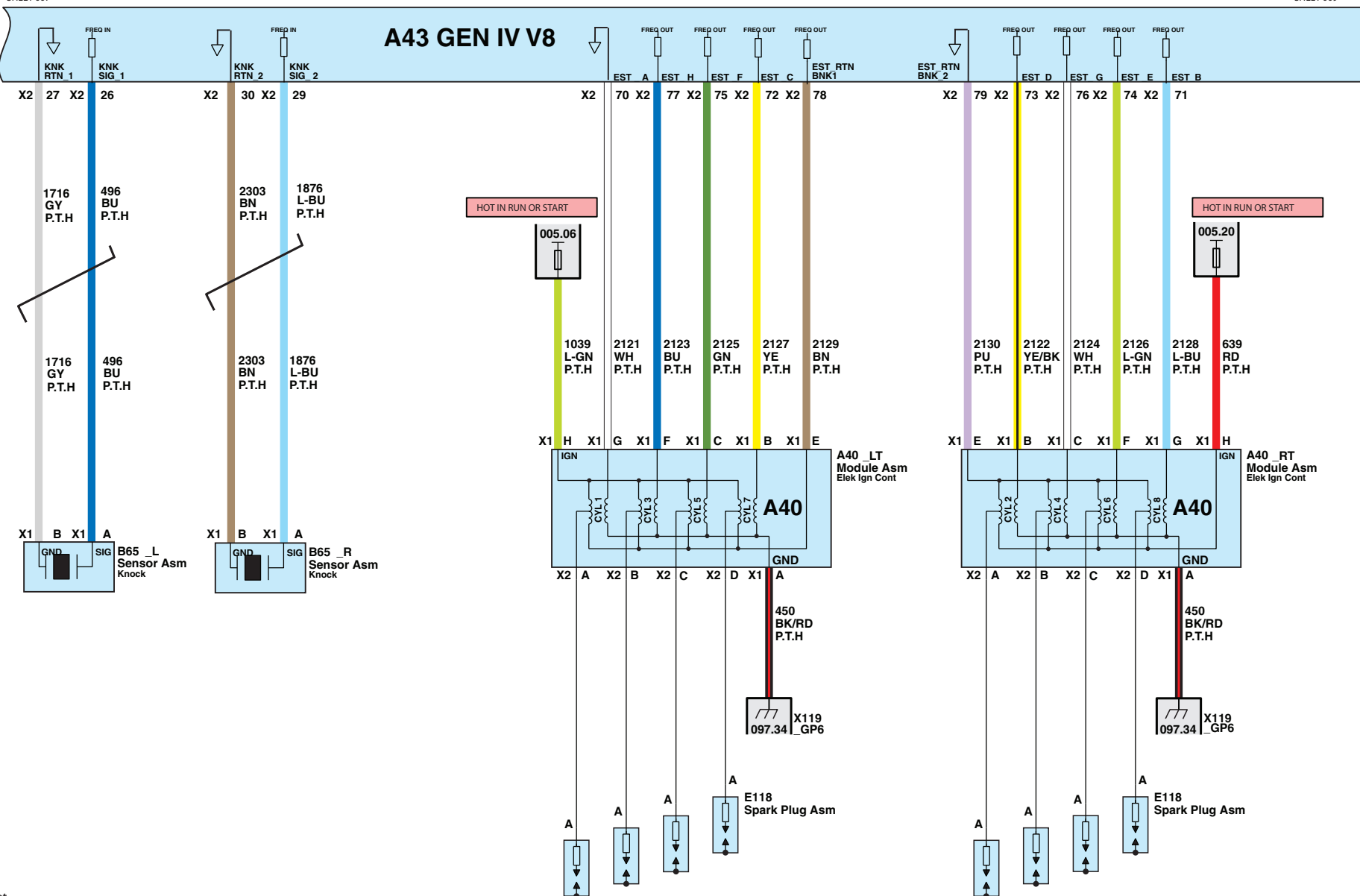
X1 67
STRT_CTL_RLY

A43 GEN IV V8

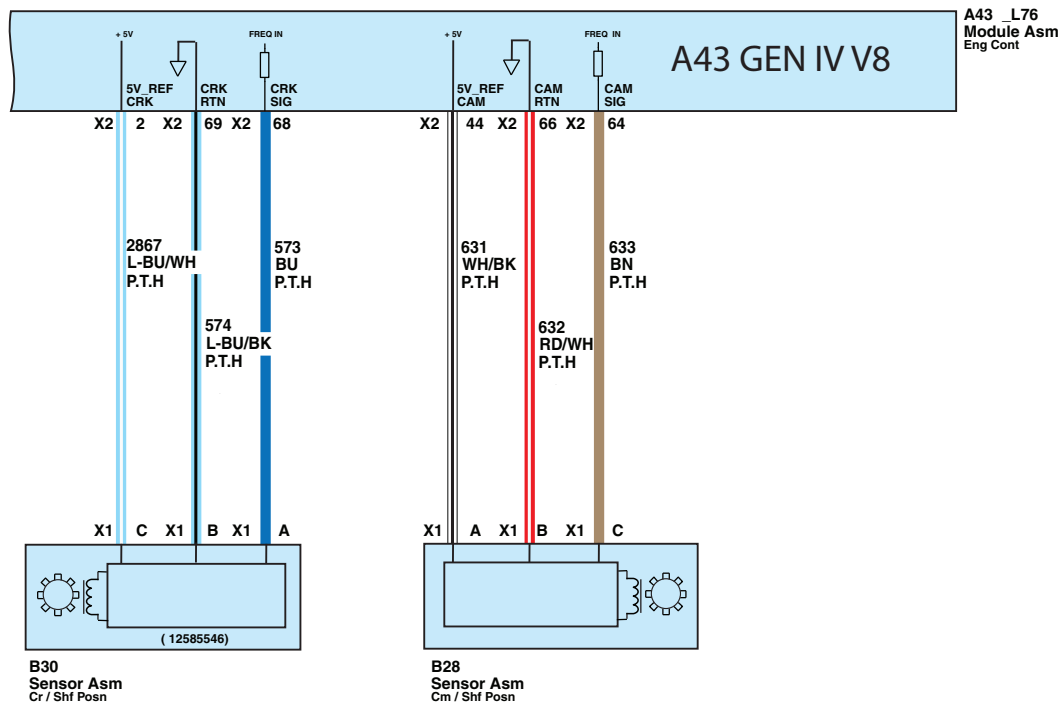
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SHEET 008

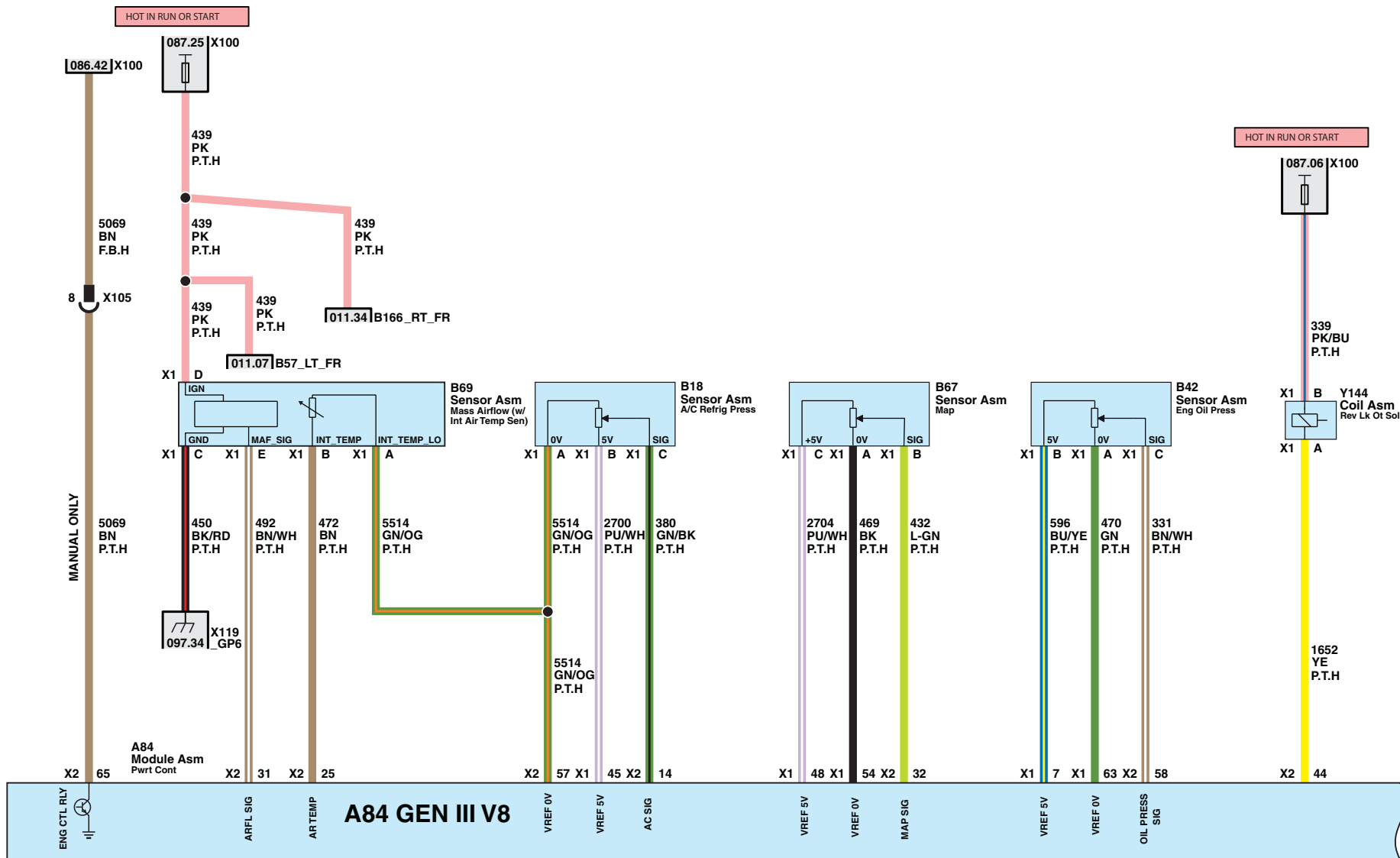
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SHEET 008



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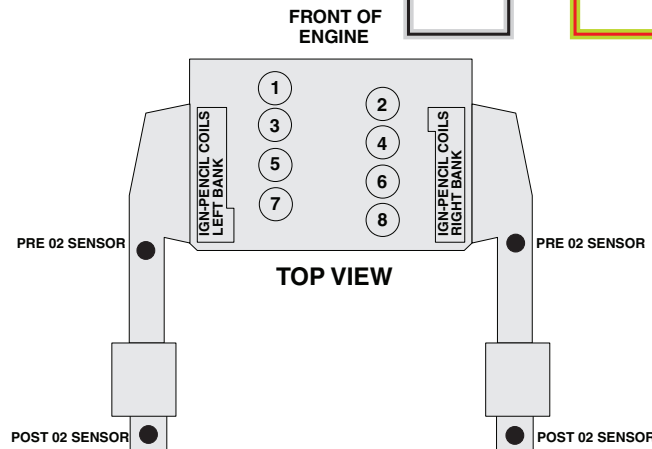
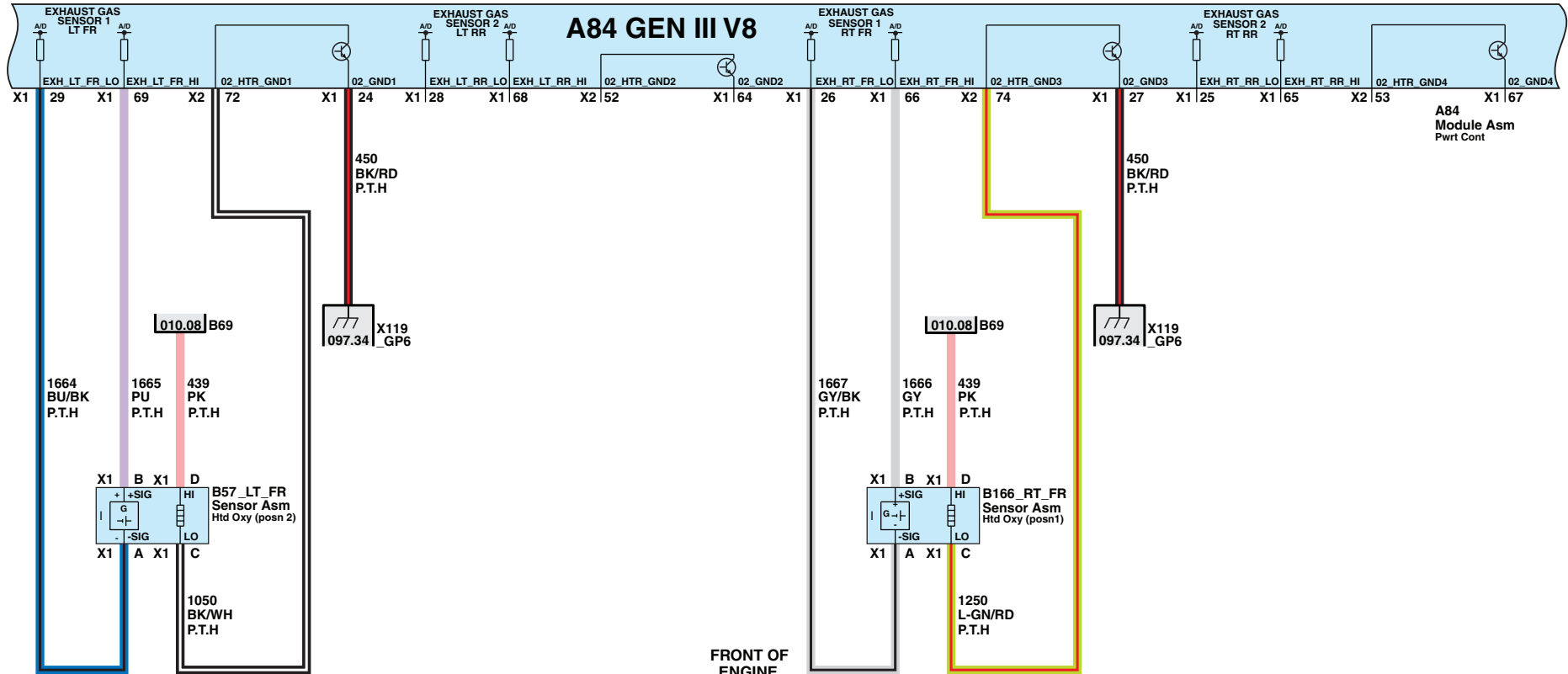


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010 of 117

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SHEET 012

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SHEET 010

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SHEET 012



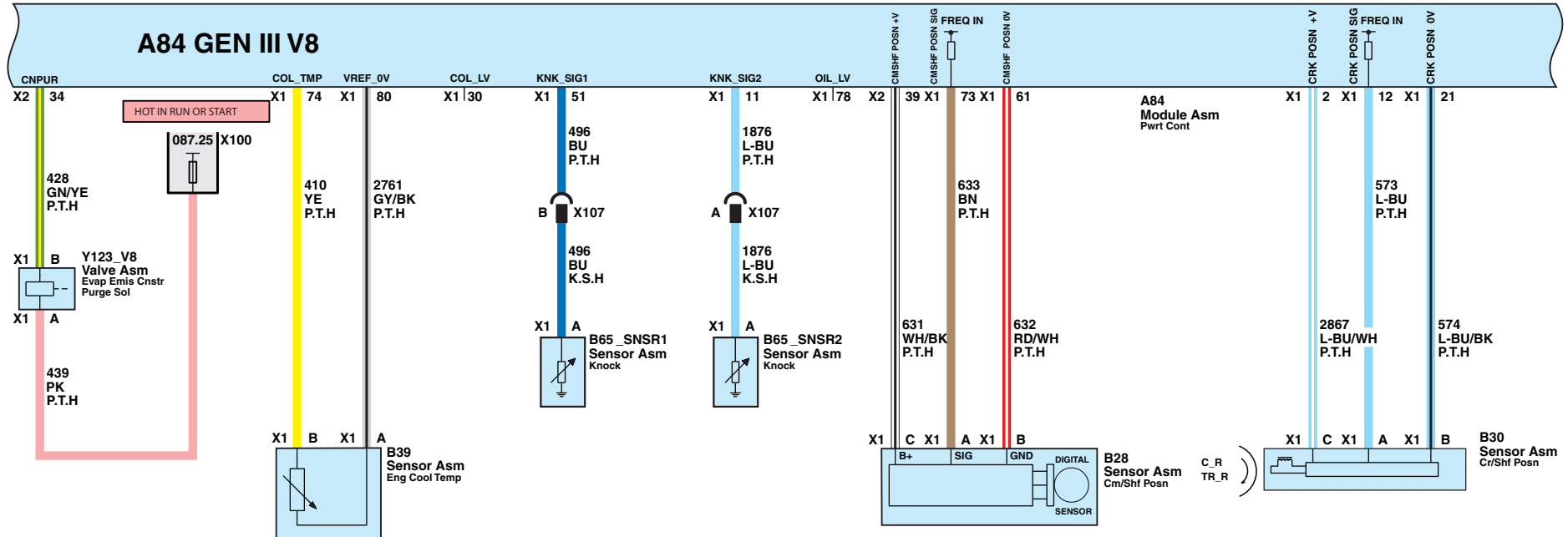
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011 of 117

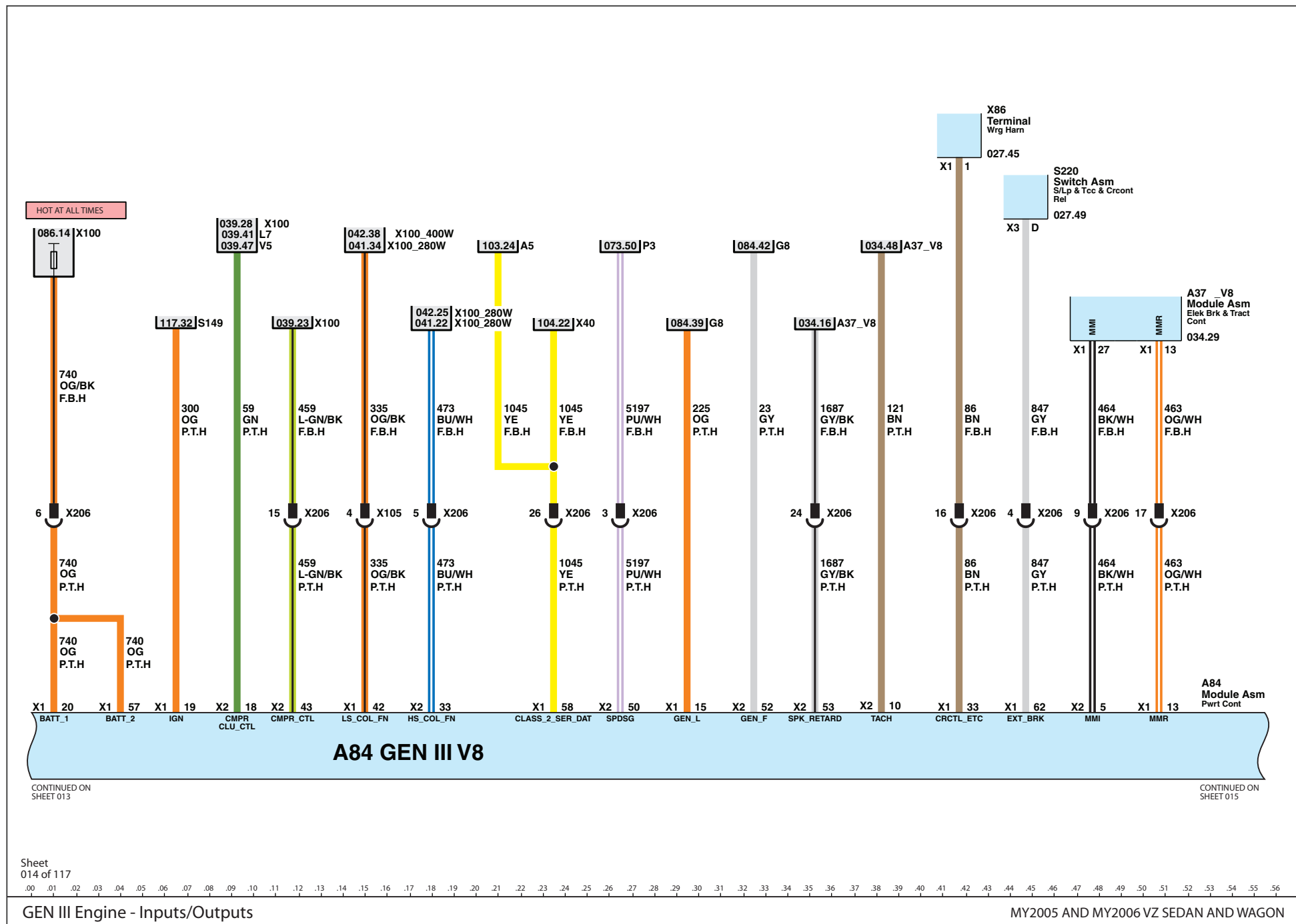
GEN III Engine - Emission Controls

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT011

A84 GEN III V8

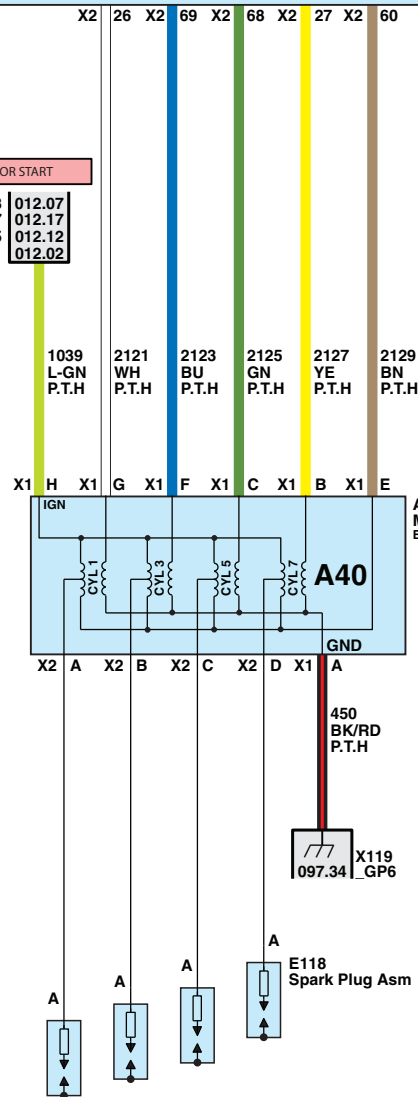




A84 GEN III V8

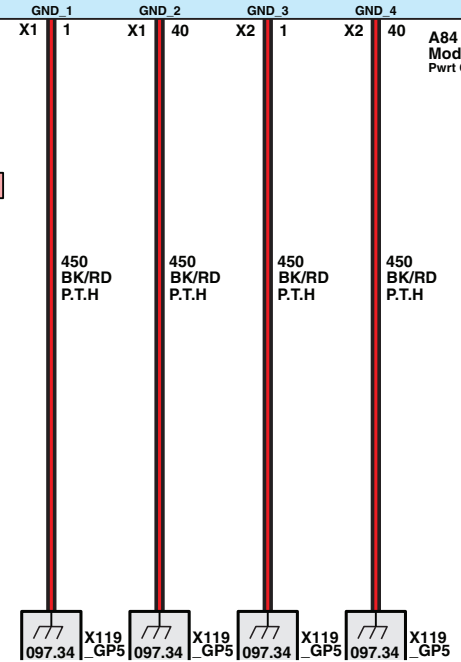
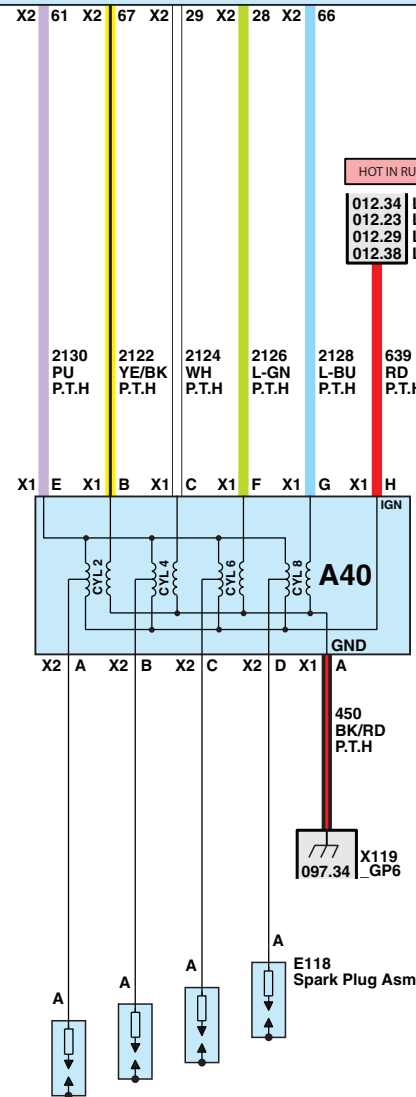
HOT IN RUN OR START

L2 _INJ3 012.07
L2 _INJ7 012.17
L2 _INJ5 012.12
L2 _INJ1 012.02

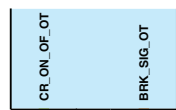
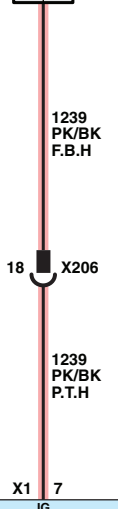


HOT IN RUN OR START

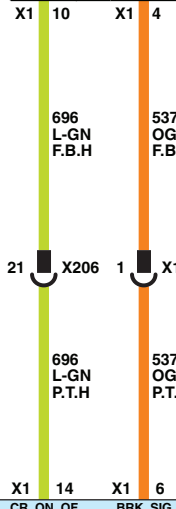
012.34 L2 _INJ6
012.23 L2 _INJ2
012.29 L2 _INJ4
012.38 L2 _INJ8



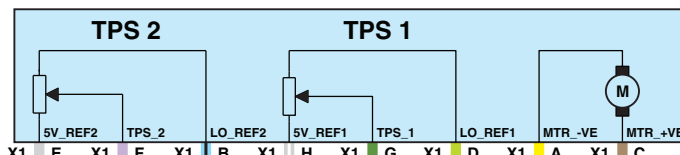
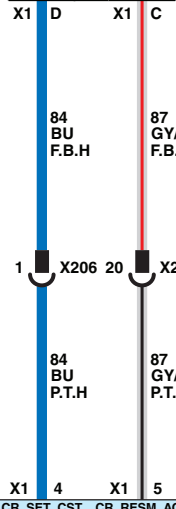
HOT IN RUN OR START



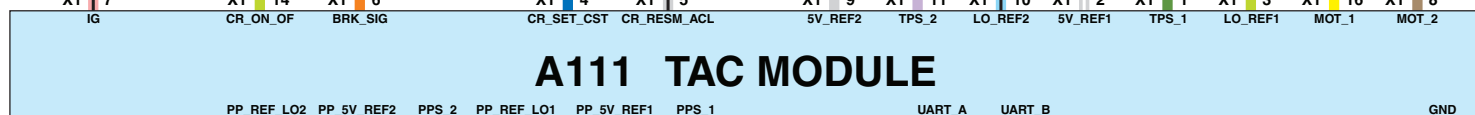
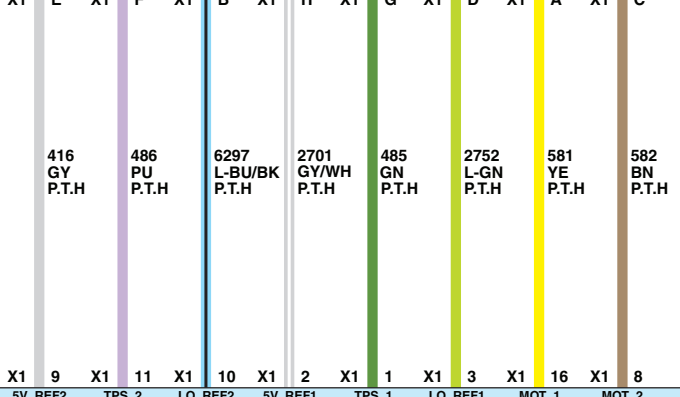
A5
Module Asm
Communication
Interface
103.13



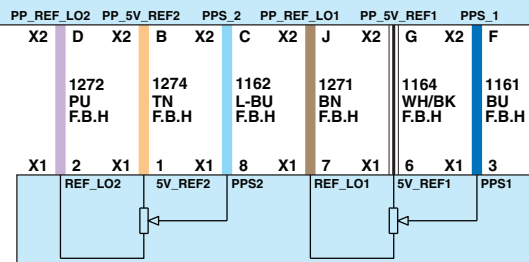
S43_V8
Switch Asm
Crcont
027.20



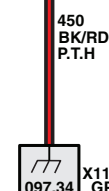
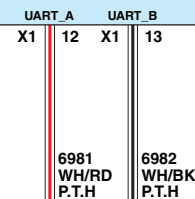
Y38
Actuator Asm
Throt



A111
Module Asm
Throt Actr Cont

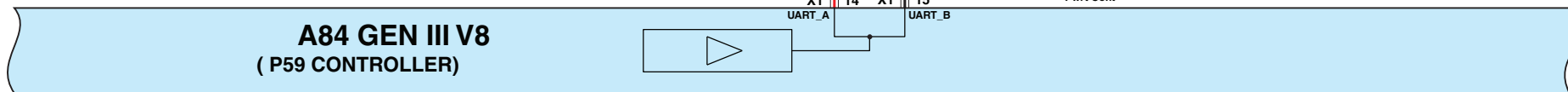


B22
Sensor Asm
Accel Ped Posn

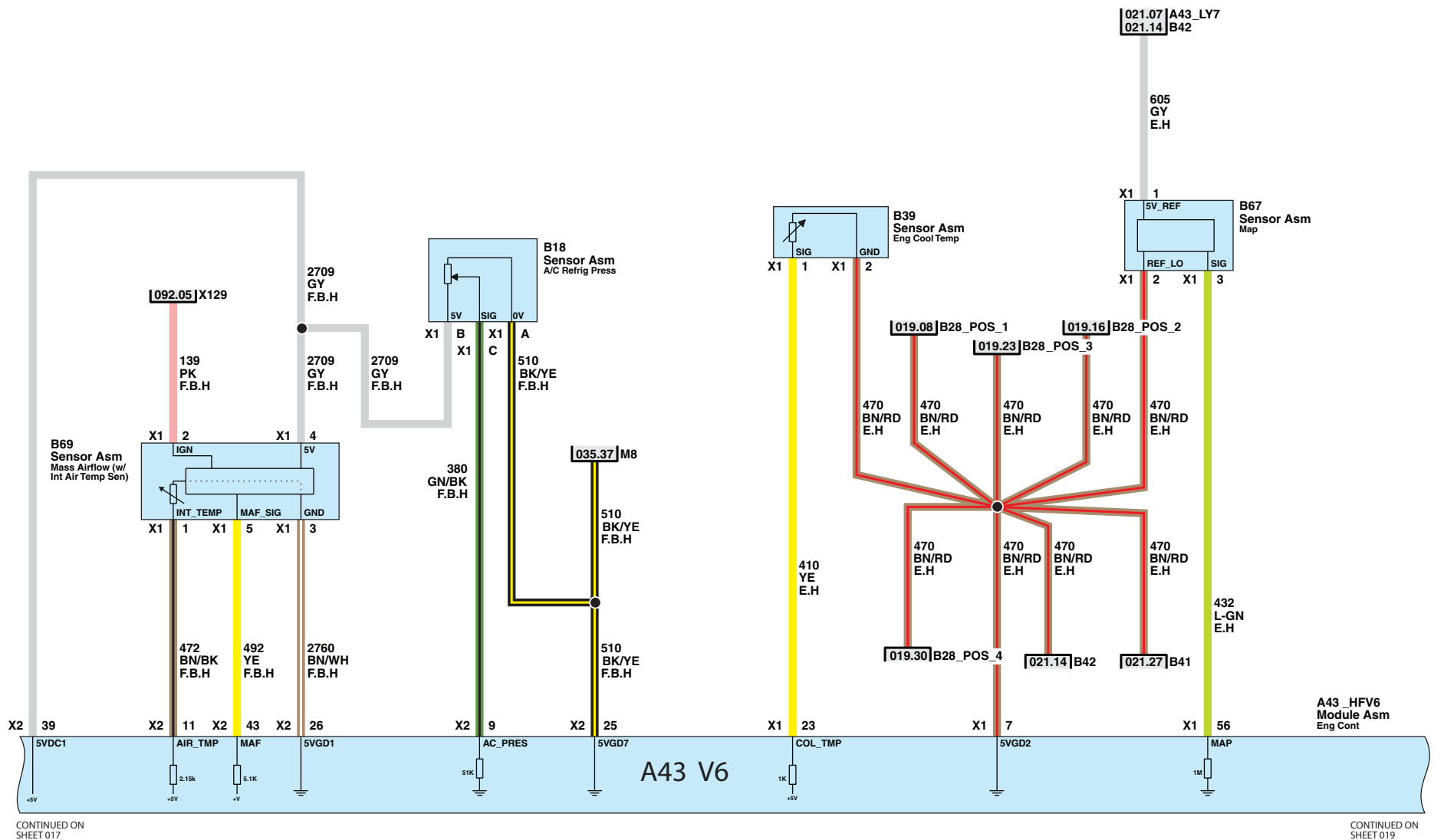


A84
Module Asm
Pwrt Cont

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SHEET 015



CONTINUED ON
SHEET 028

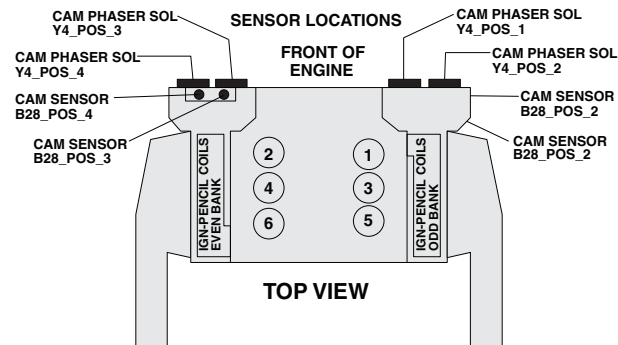


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3.6 Litre 60 Degree V6 Engine - Air Flow & Temp Sensors

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT018

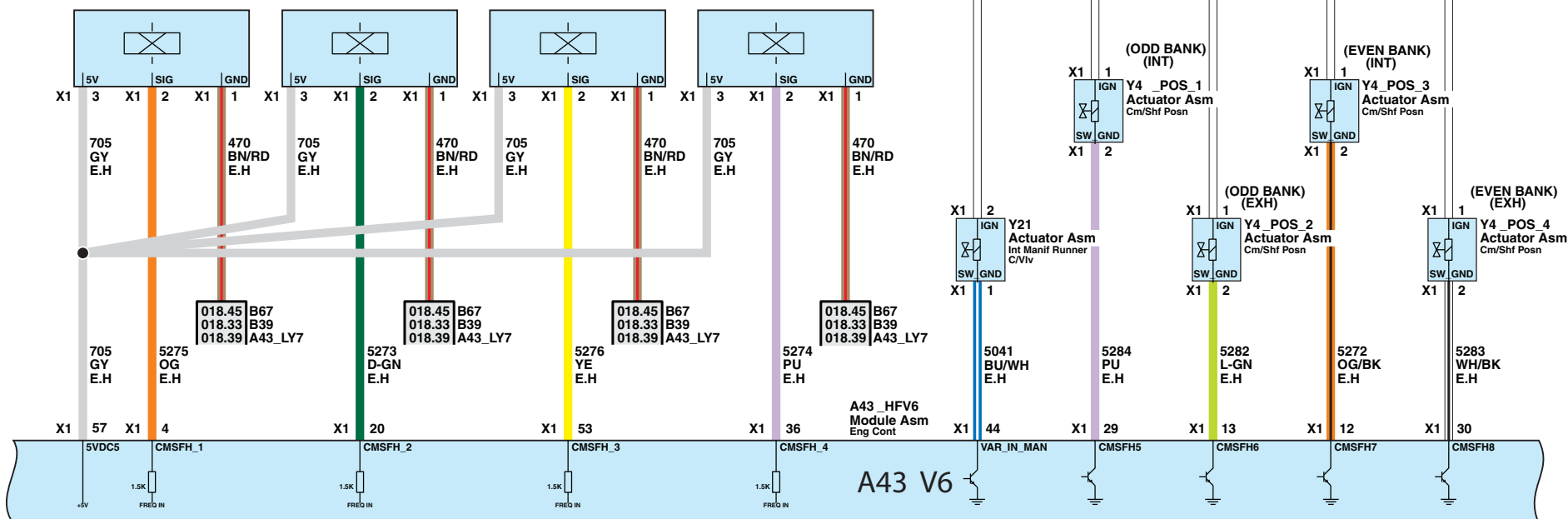


B28_POS_1
Sensor Asm
Cm/Shf Posn
(ODD BANK)
(INT)

B28_POS_2
Sensor Asm
Cm/Shf Posn
(ODD BANK)
(EXH)

B28_POS_3
Sensor Asm
Cm/Shf Posn
(EVEN BANK)
(INT)

B28_POS_4
Sensor Asm
Cm/Shf Posn
(EVEN BANK)
(EXH)



CONTINUED ON
SHEET 018

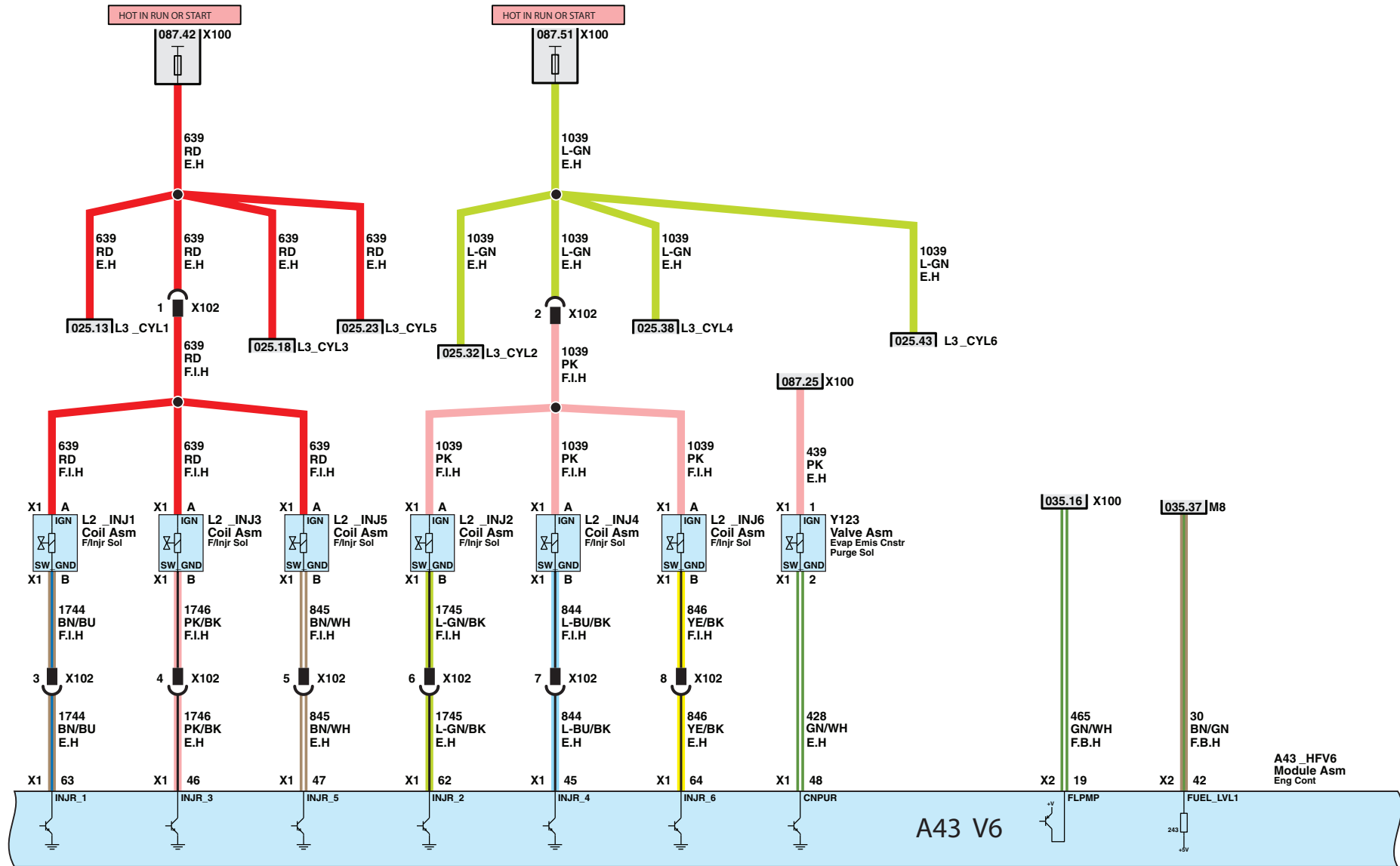
CONTINUED ON
SHEET 020

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019 of 117

3.6 Litre 60 Degree V6 Engine - Cam Sensors & Cam Phasors

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT019



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SHEET 019

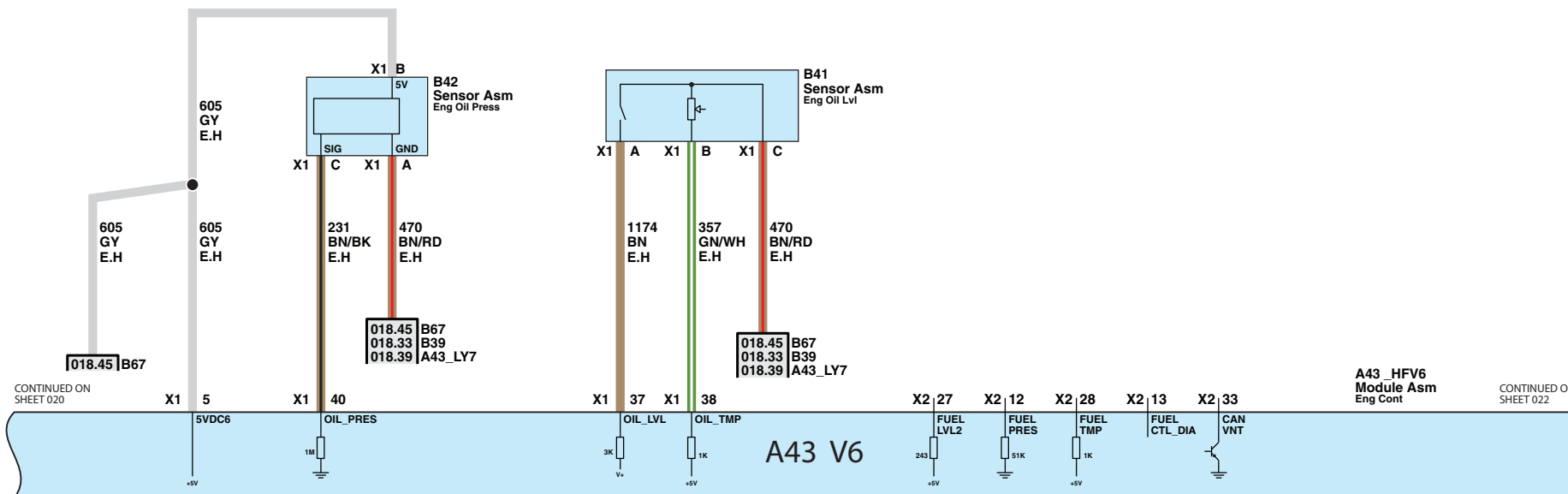
CONTINUED ON
SHEET 021

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3.6 Litre 60 Degree V6 Engine - Fuel Injectors, Fuel Level & Fuel Control

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT020



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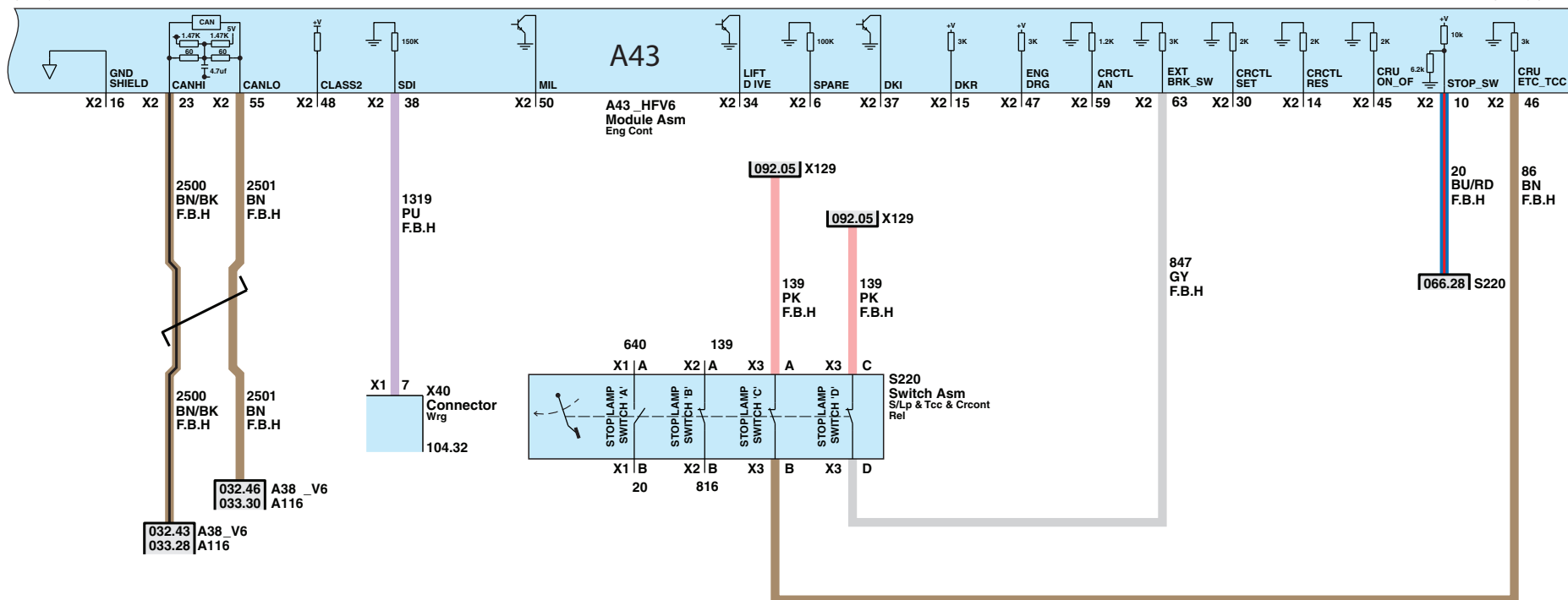
3.6 Litre 60 Degree V6 Engine - Engine Oil Sensors

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VZ_12PSHT021

CONTINUED ON
SHEET 021

CONTINUED ON
SHEET 023



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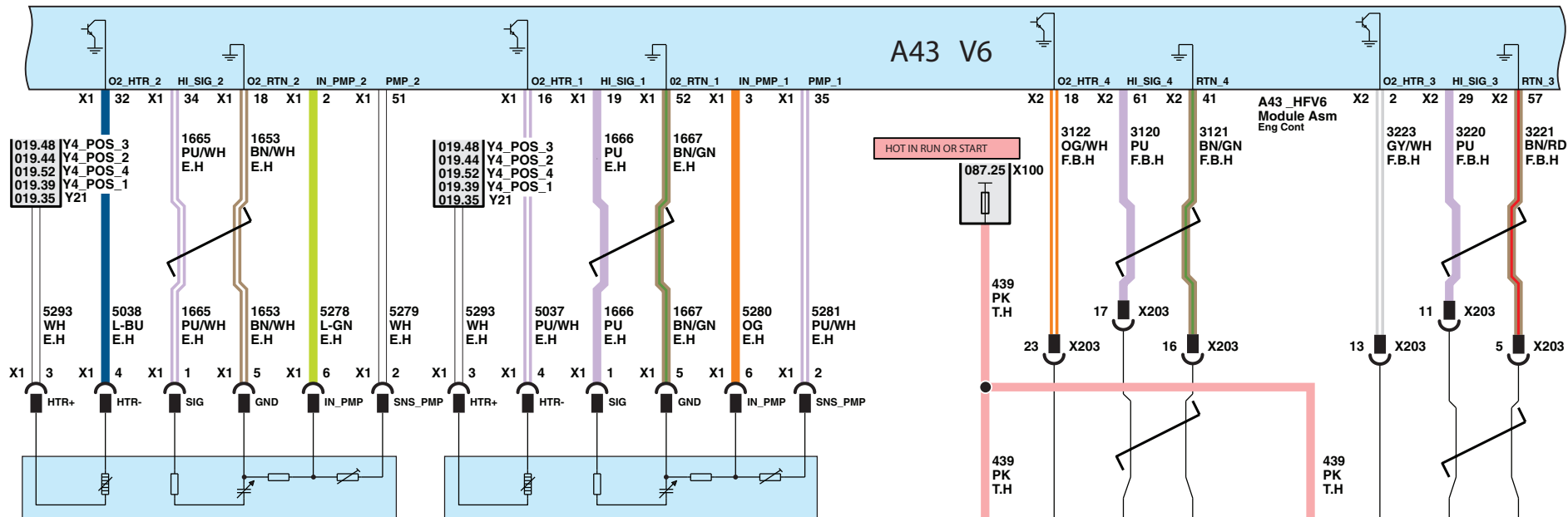
3.6 Litre 60 Degree V6 Engine - Communications & Cruise Control

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT022

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SHEET 024

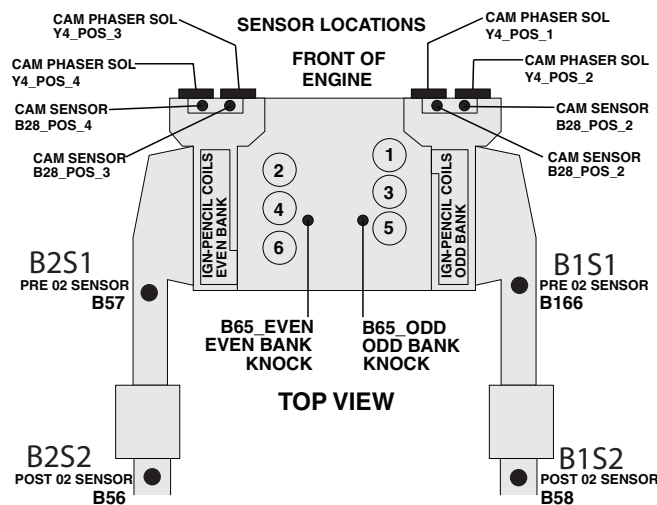




B57
Sensor Asm
Htd Oxy (posn 2)

NOTE :- B57 AND B166 OXYGEN SENSORS ARE NOT FITTED
TO MY2005 VEHICLES WITH A BASE V6 ENGINE

B166
Sensor Asm
Htd Oxy (posn1)

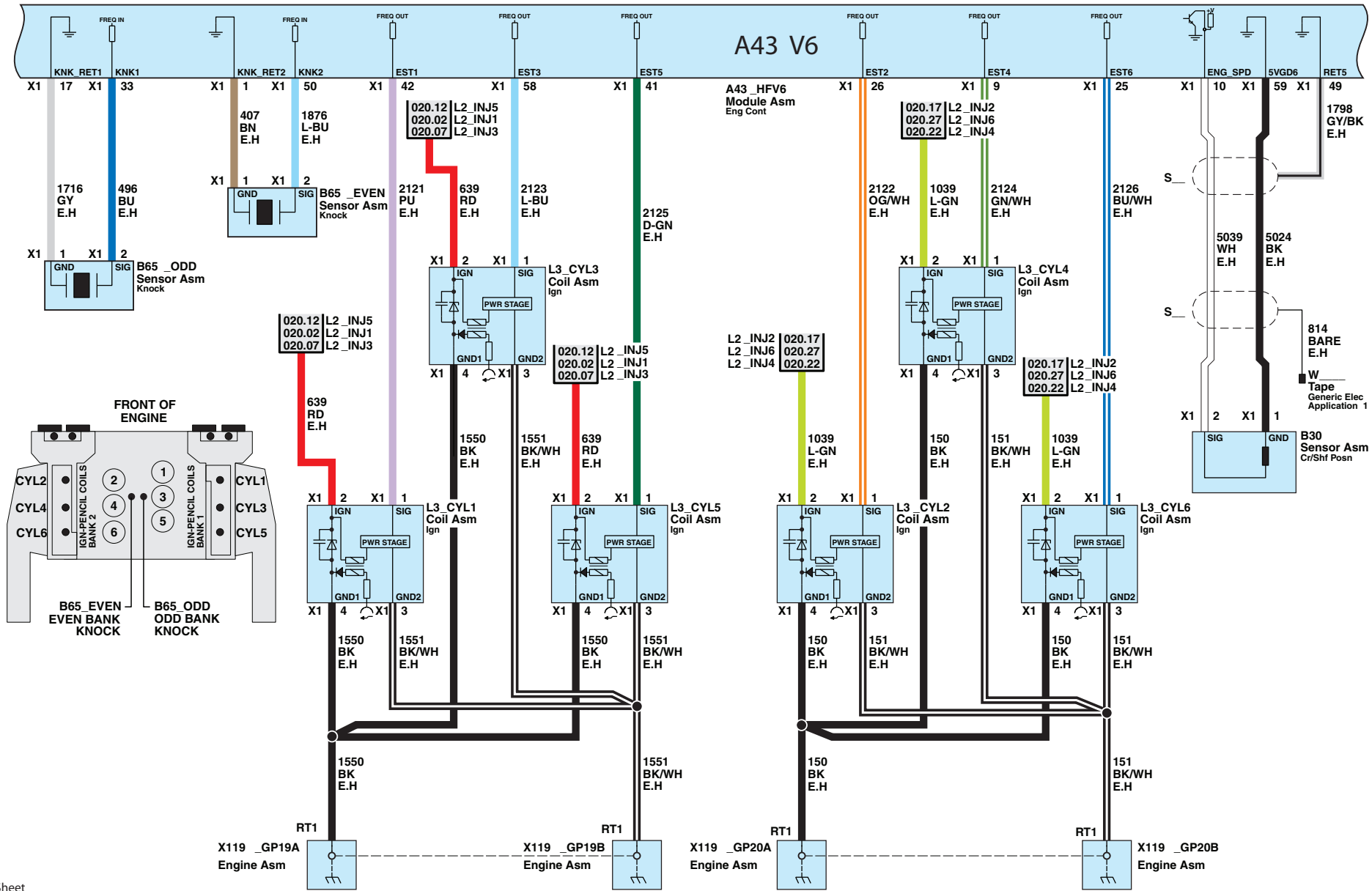


NOTE :- ALL EURO III PROGRAMS HAVE FOUR
OXYGEN SENSOR SETUP

B56
Sensor Asm
Htd Oxy

B58
Sensor Asm
Htd Oxy (posn 3)

NOTE:- PRE REFERS TO OXYGEN SENSORS BEFORE CATALYTIC CONVERTER
POST REFERS TO OXYGEN SENSORS AFTER CATALYTIC CONVERTER



A43 V6

A43_LY7
Module Asm
Eng Cont

CONTINUED ON
SHEET 025

HOT IN RUN OR START

090.41 X129

017.29 A43_LY7

381 OG F.B.H

1 X203

339 PK/BU T.H

381 OG T.H

X1 3 X1 1

IG OUT_HI

TOSS

GND

X1 2

451 BK/WH T.H

X119 026.32 GP17

B83
Sensor Asm
Veh Spd

X119_GP17
Engine Asm

RT1

451 BK E.H

039.28 L7

X119_GP18
Engine Asm

RT1

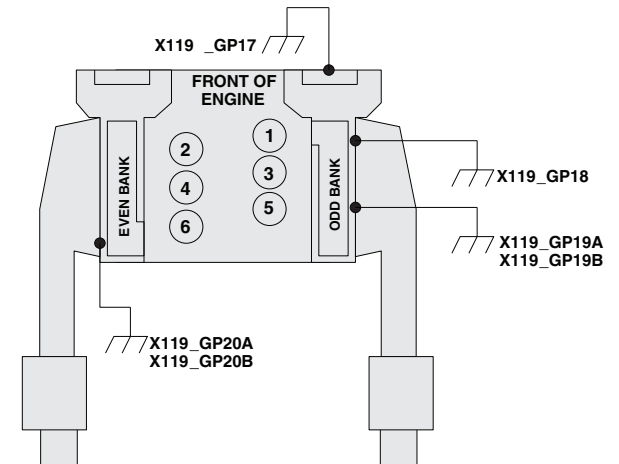
451 BK/WH E.H

1 X104

451 BK/WH T.H

026.05 B83
030.52 A112_5SPD
030.11 A121_5SPD
031.48 S187_V6
031.54 A112_4SPDV6
065.45 S32

PHFV6 & BHFV6 ENGINE GROUND LOCATIONS



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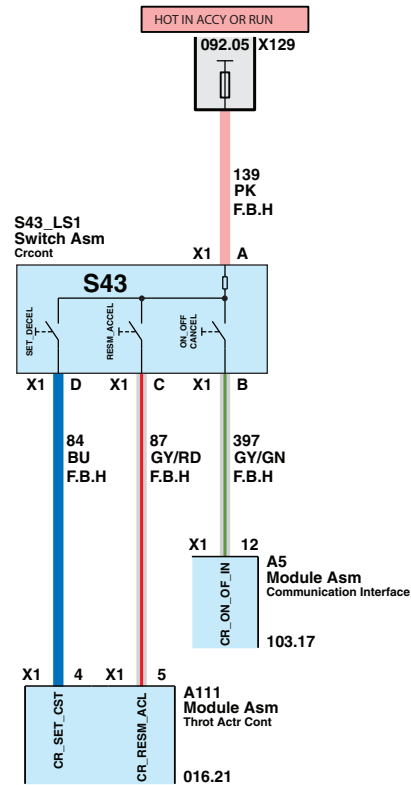
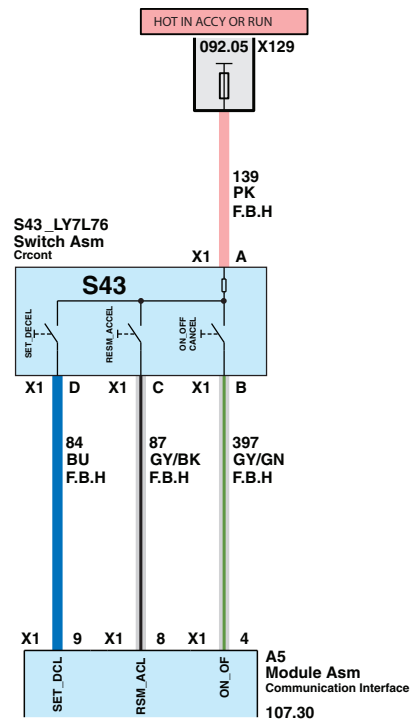
3.6 Litre Degree Engine - Manual Speed Sensor & Engine Earth Locations

MY2005 AND MY2006 VZ SEDAN AND WAGON

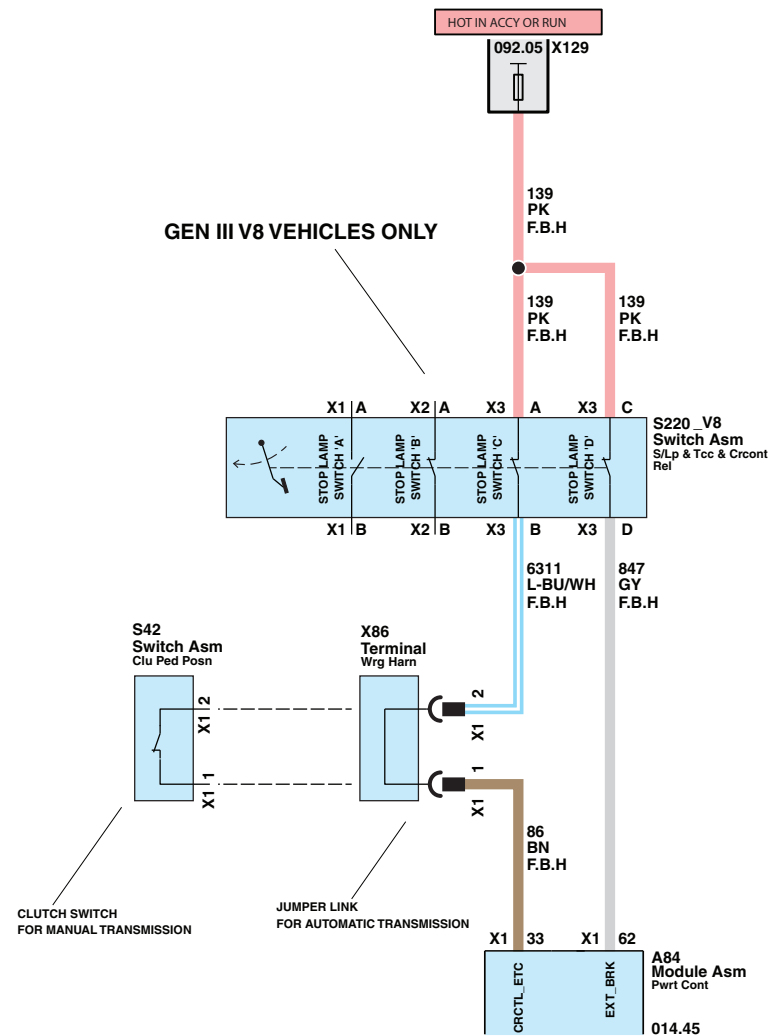
V06(AU)_VF_12PSHT026

V6, GEN III V8 Vehicles

GEN III V8 VEHICLES ONLY



GEN III V8 VEHICLES ONLY



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Engine - Electrical (Cruise Opt)

MY2005 AND MY2006 VZ SEDAN AND WAGON

V06(AU)_VF_12PSHT027