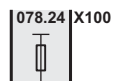


HOT IN RUN OR START



439
PK
P.T.H

439
PK
P.T.H

439
PK
P.T.H

439
PK
P.T.H

439
PK
P.T.H

002.34 B166_RT_FR

002.07 B57_LT_FR

X1

D

IGN

GND

X1

C

X1

E

X1

MAF SIG

X1

450

BK/RD

P.T.H

X1

090.34

X119

GP6

X1

492

BN/WH

P.T.H

X1

472

BN

P.T.H

X1

5514

GN/OG

P.T.H

X1

INT TEMP

X1

INT TEMP LO

X1

A

X1

B69

Sensor Asm

Mass Airflow (w/

Int Air Temp Sen)

X1

0V

X1

5V

X1

SIG

X1

5514

GN/OG

P.T.H

X1

2700

PU/WH

P.T.H

X1

380

GN/BK

P.T.H

X1

B18

Sensor Asm

A/C Refrig Press

X1

+5V

X1

0V

X1

SIG

X1

2704

PU/WH

P.T.H

X1

469

BK

P.T.H

X1

432

L-GN

P.T.H

X1

B67

Sensor Asm

Map

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

X1

B42

Sensor Asm

Eng Oil Press

X1

5V

X1

0V

X1

SIG

X1

596

BU/YE

P.T.H

X1

470

GN

P.T.H

X1

331

BN/WH

P.T.H

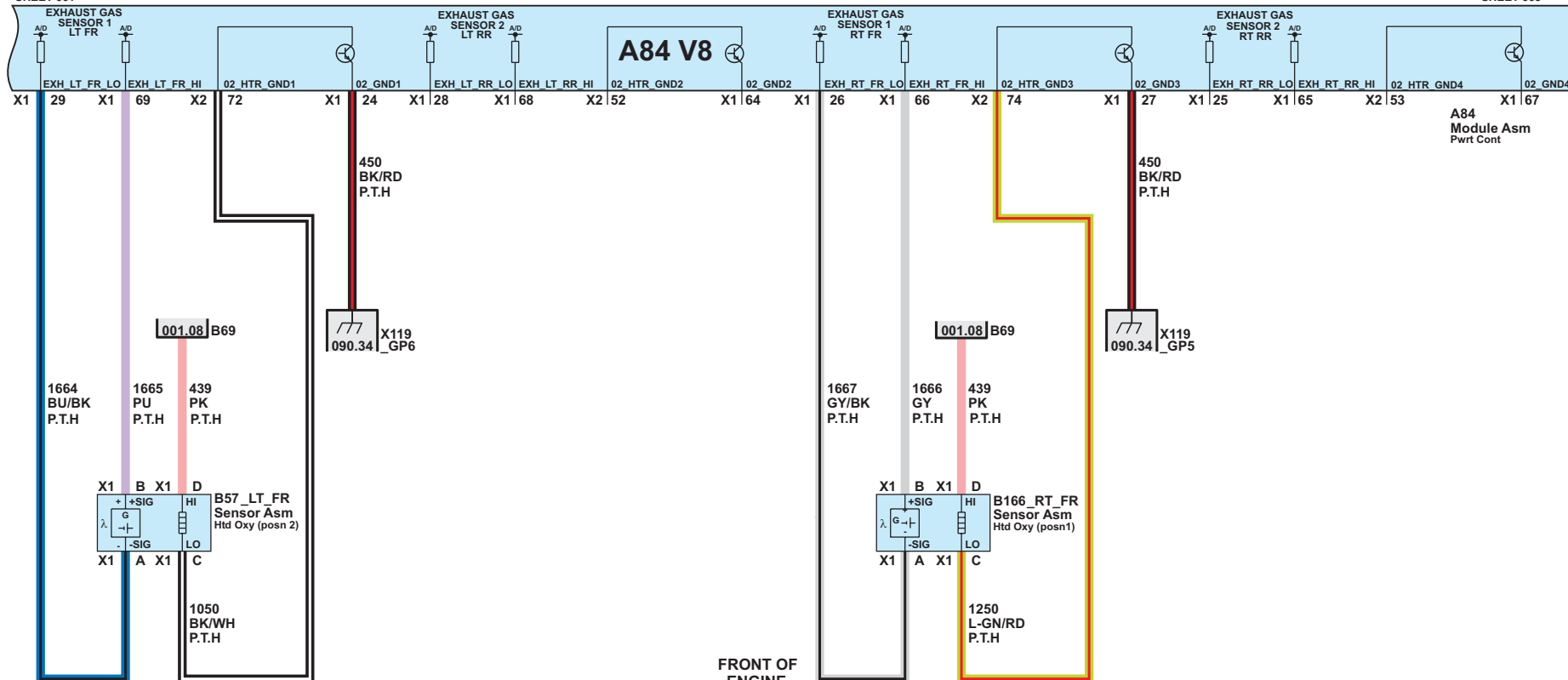
X1

B42

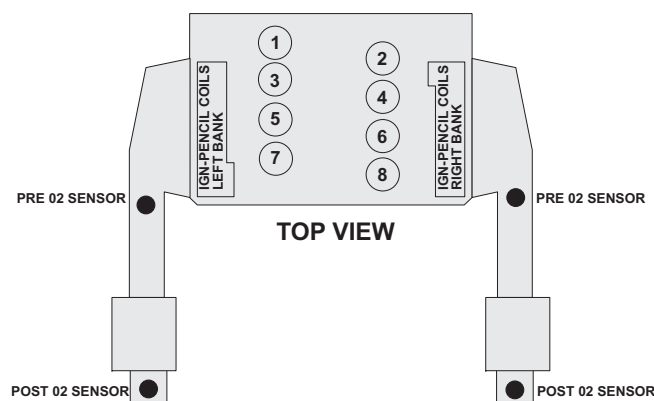
Sensor Asm

CONTINUED ON
SHEET 001

CONTINUED ON
SHEET 003



FRONT OF
ENGINE



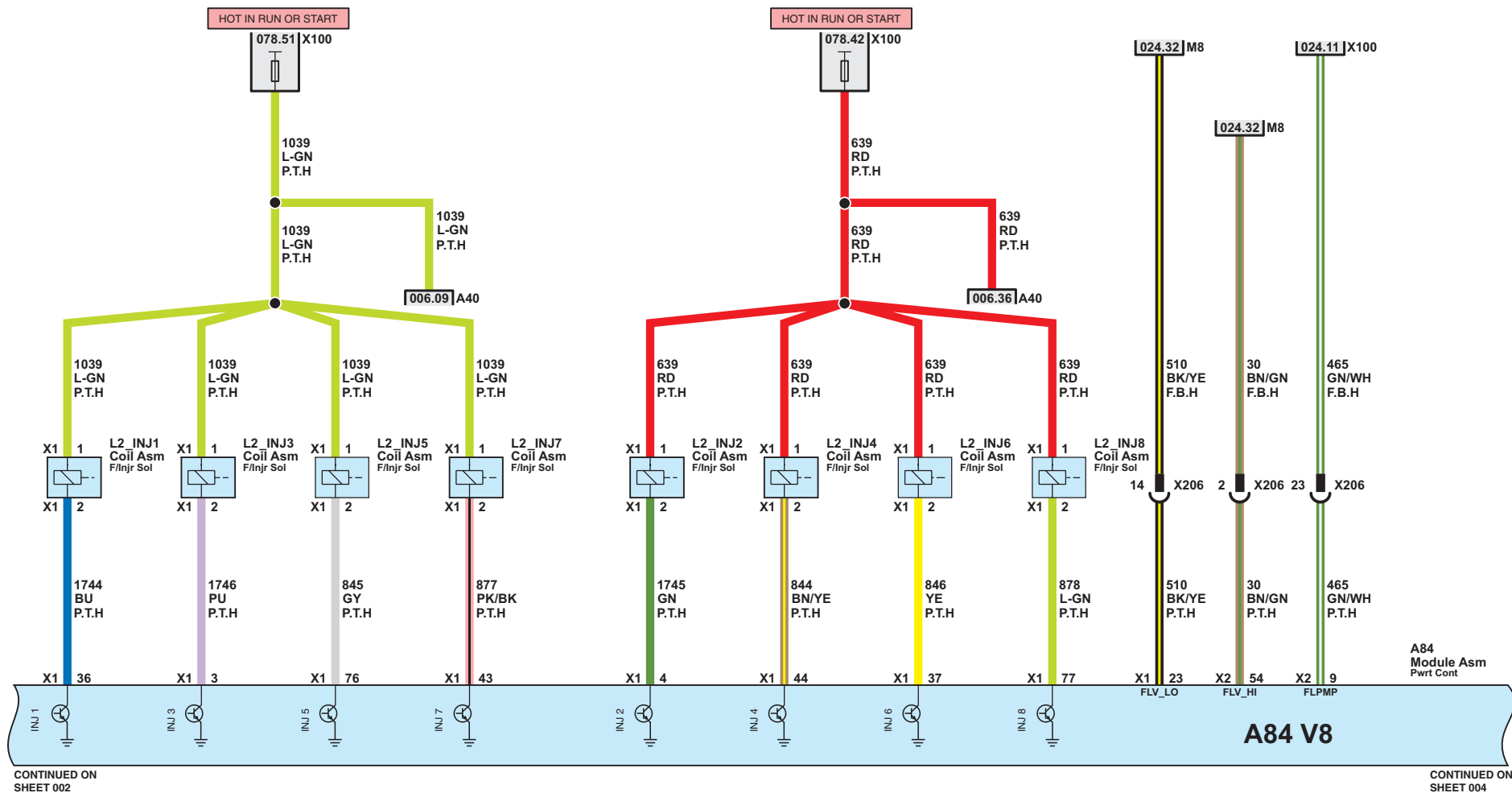
TOP VIEW

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Engine - Emission Controls

MY2005 VZ AWD WAGON

V05AW_12PSHT002



Sheet
003 of 108

Engine - Fuel Injectors, Fuel Level & Fuel Control

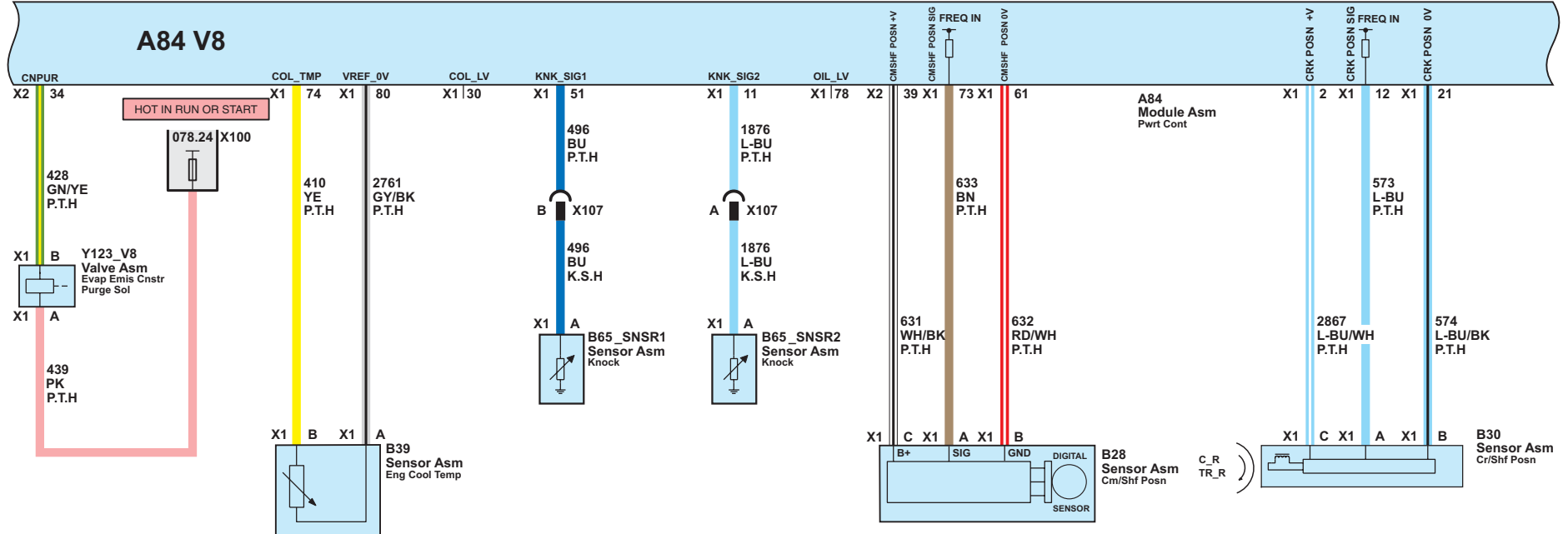
MY2005 VZ AWD WAGON

V05AW_12PSHT003

CONTINUED ON
SHEET 003

CONTINUED ON
SHEET 005

A84 V8

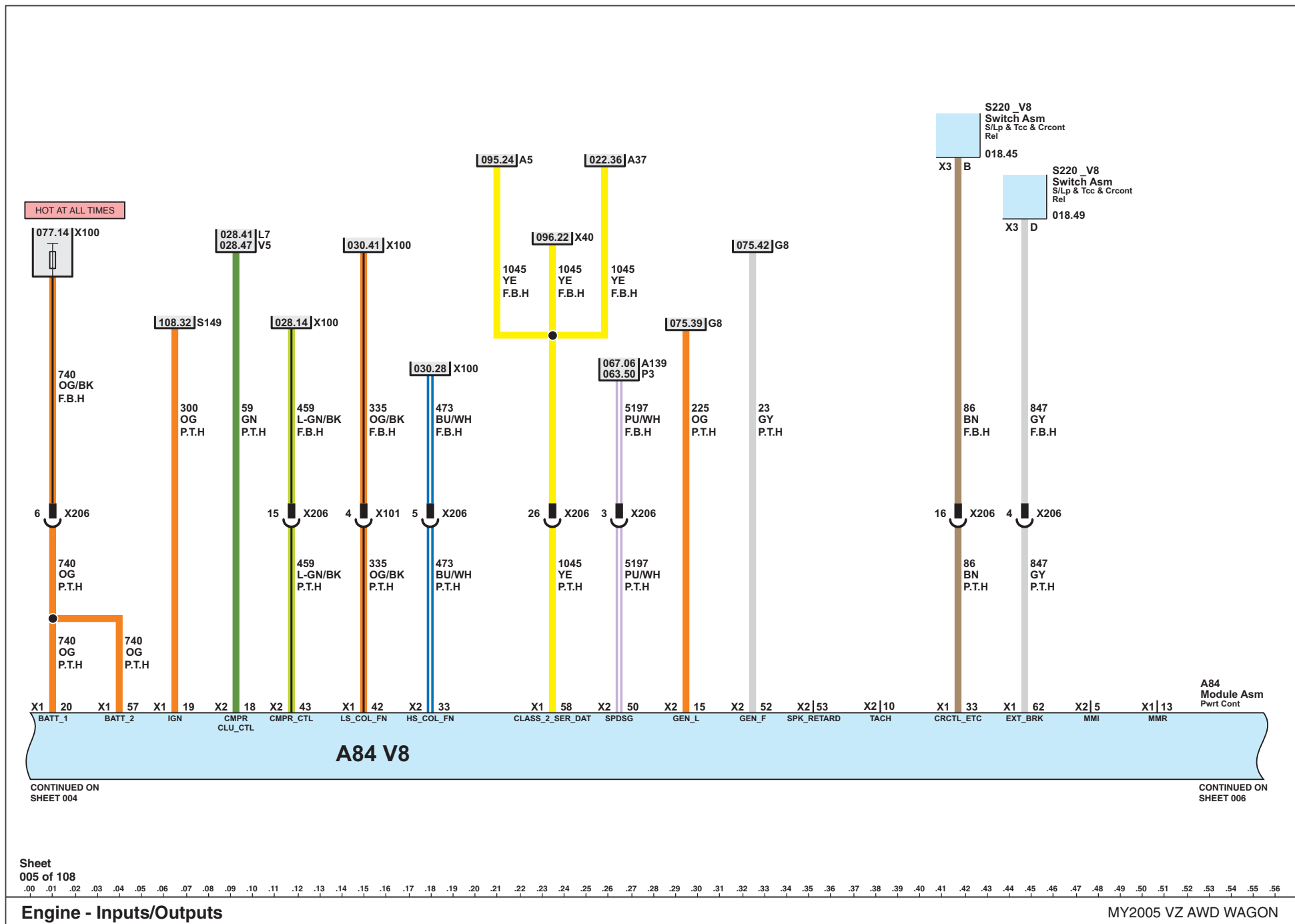


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004 of 108

Engine - Engine Sensors & Controls

MY2005 VZ AWD WAGON

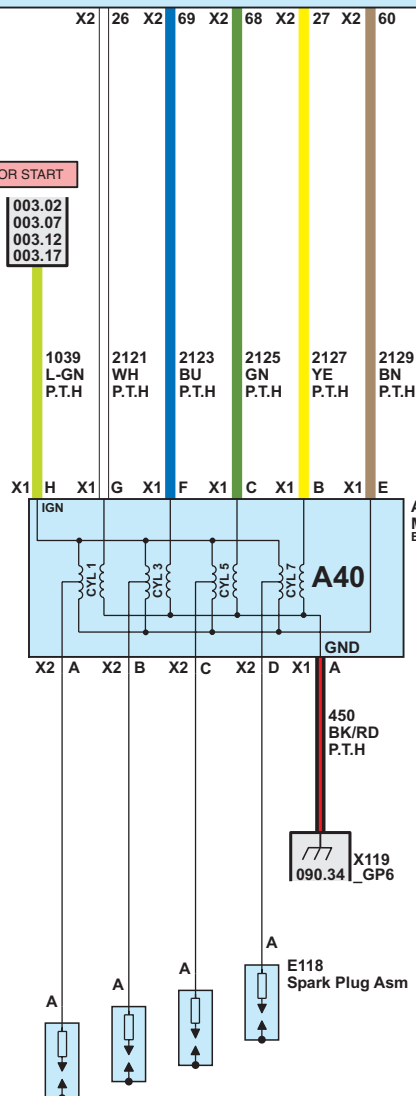
V05AW_12PSHT004



A84 V8

HOT IN RUN OR START

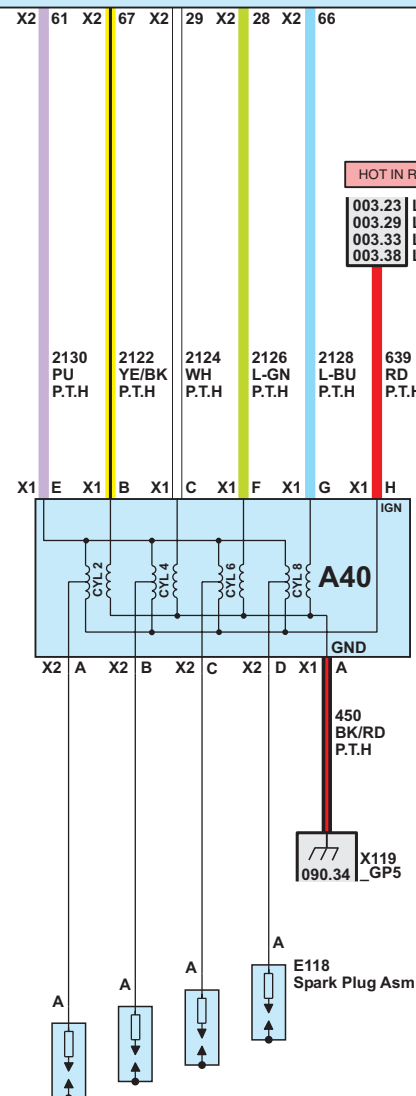
L2_INJ1 003.02
L2_INJ3 003.07
L2_INJ5 003.12
L2_INJ7 003.17



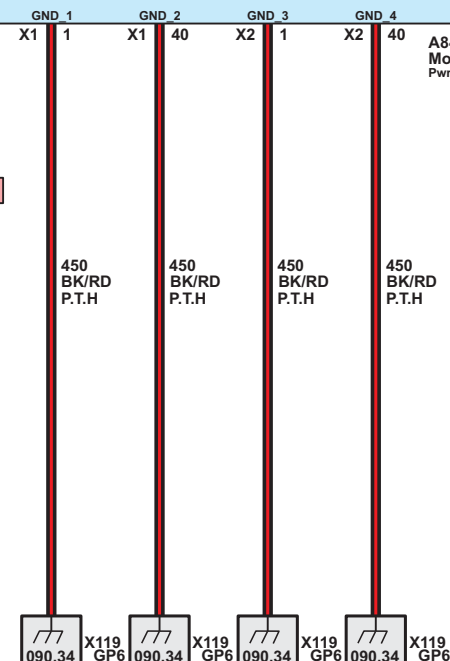
A40_LT
Module Asm
Elek Ign Cont

HOT IN RUN OR START

003.23 L2_INJ2
003.29 L2_INJ4
003.33 L2_INJ6
003.38 L2_INJ8

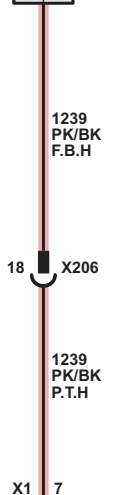
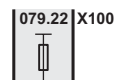


A40_RT
Module Asm
Elek Ign Cont

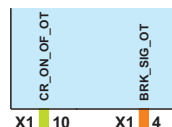


A84
Module Asm
Pwrt Cont

HOT IN RUN OR START

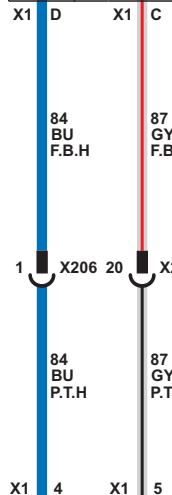
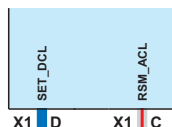


X1 7 IG



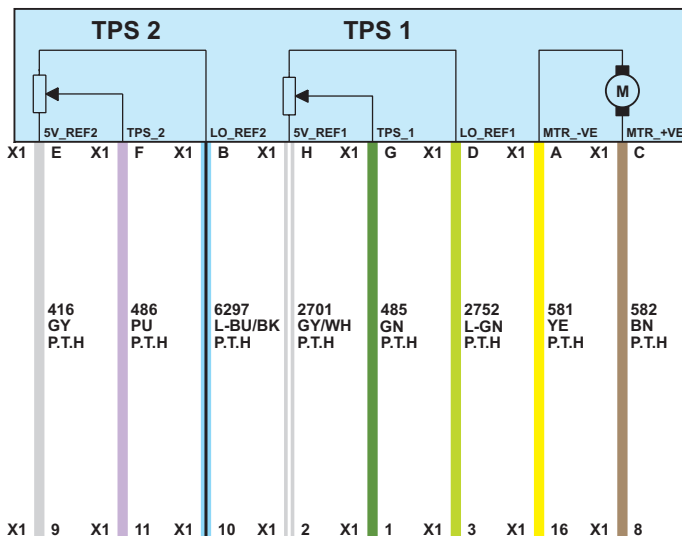
X1 10 CR_ON_OF
X1 4 BRK_SIG

A5
Module Asm
Communication
Interface
095.13



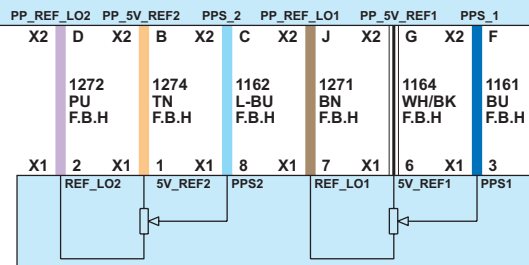
X1 D SET_DCL
X1 C RSM_ACL
X1 4 CR_SET_CST
X1 5 CR_RESM_ACL

S43_V8
Switch Asm
Crcont
018.20



Y38
Actuator Asm
Throt

A111 TAC MODULE



B22
Sensor Asm
Accel Ped Posn

UART_A
X1 12
X1 13
X1 14
X1 15



A111
Module Asm
Throt Actr Cont

CONTINUED ON
SHEET 006

CONTINUED ON
SHEET 019

A84 V8



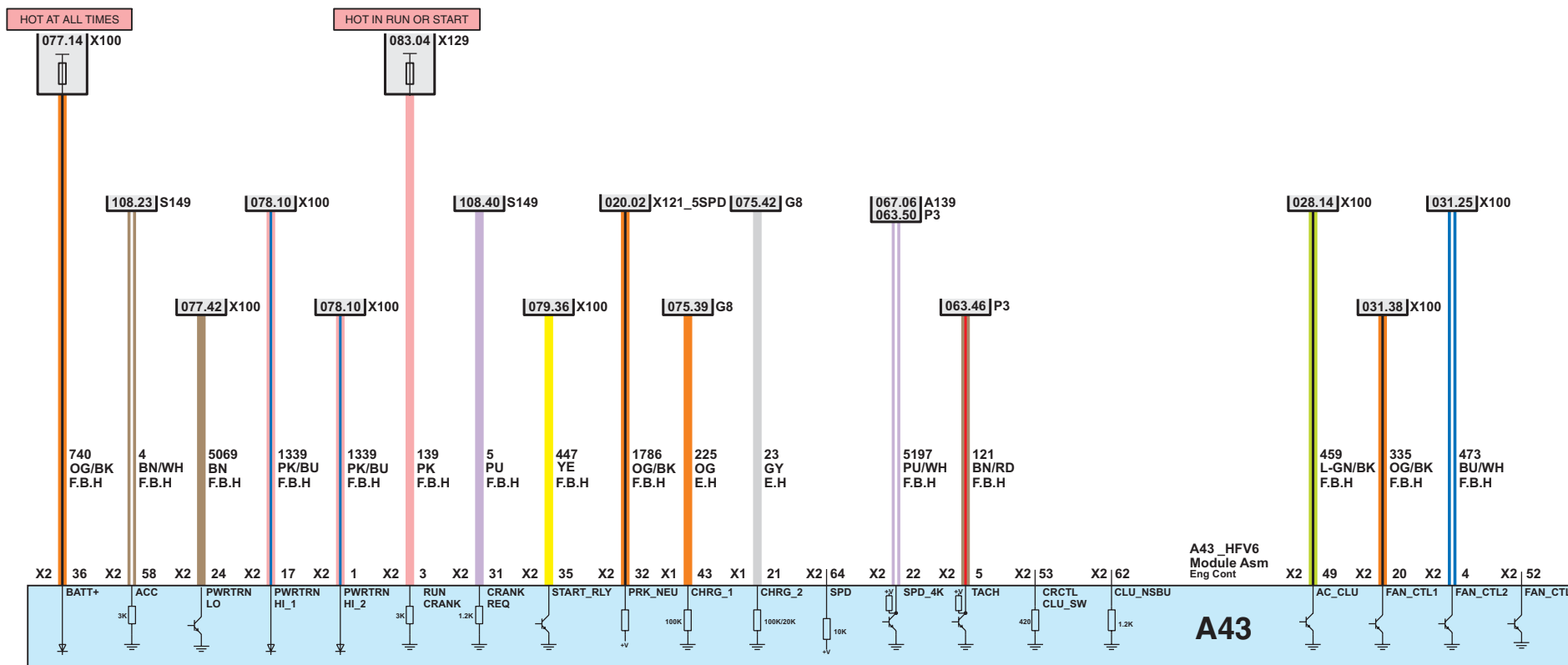
A84
Module Asm
Pwrt Cont

Sheet
007 of 108

Engine - Throttle Actuator

MY2005 VZ AWD WAGON

V05AW_12PSHT007

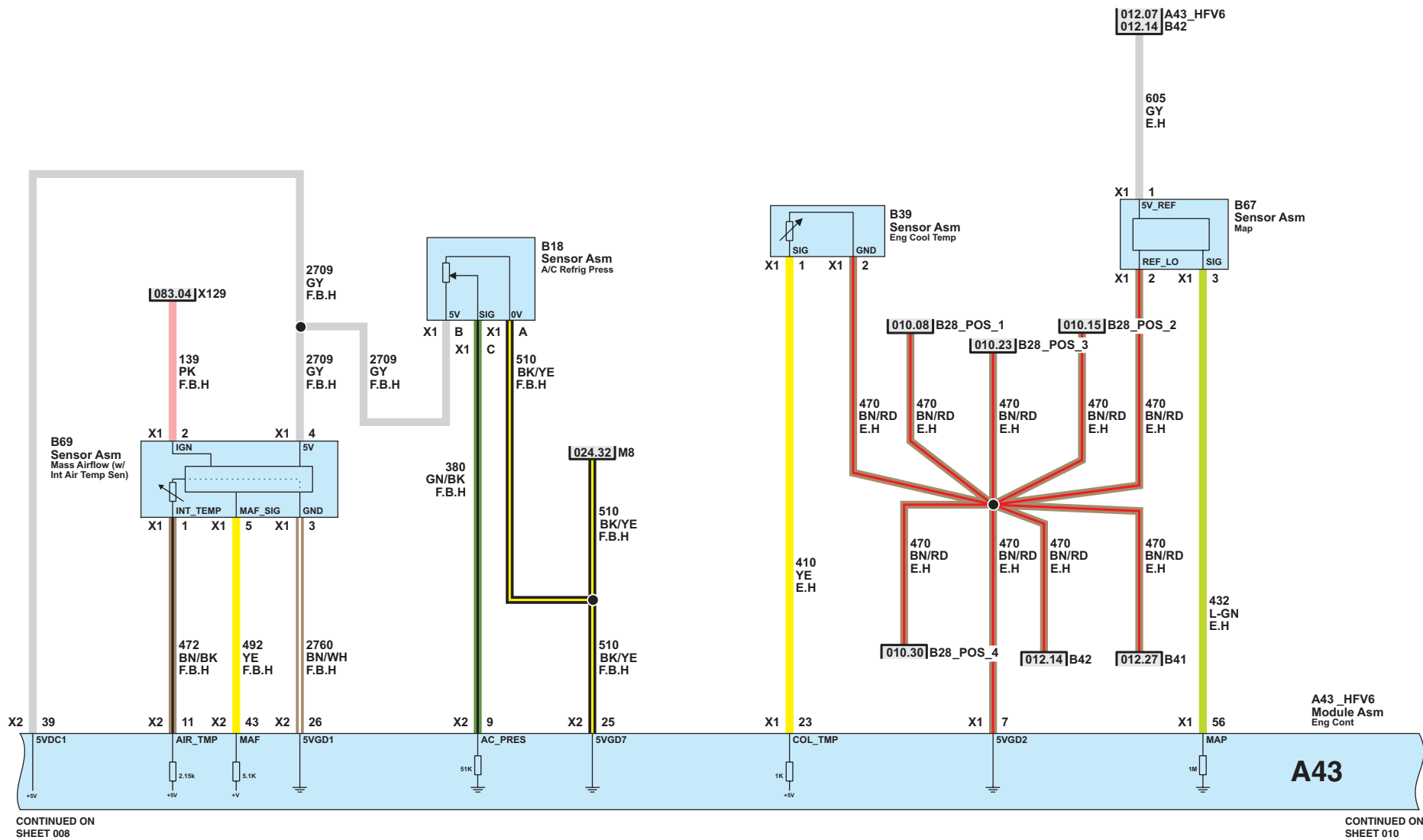


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3.6 Litre 60 Degree V6 Engine - ECM Inputs

MY2005 VZ AWD WAGON

V05AW_12PSHT008

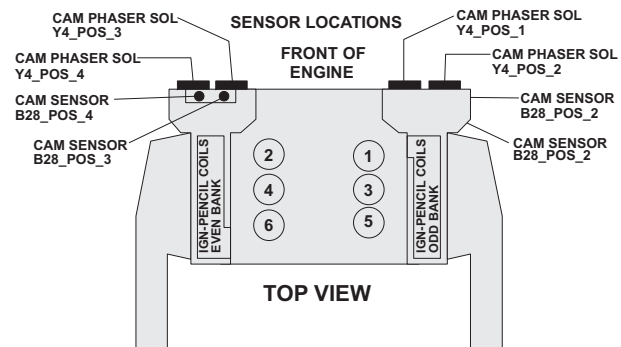


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3.6 Litre 60 Degree V6 Engine - Air Flow & Temp Sensors

MY2005 VZ AWD WAGON

V05AW_12PSHT009

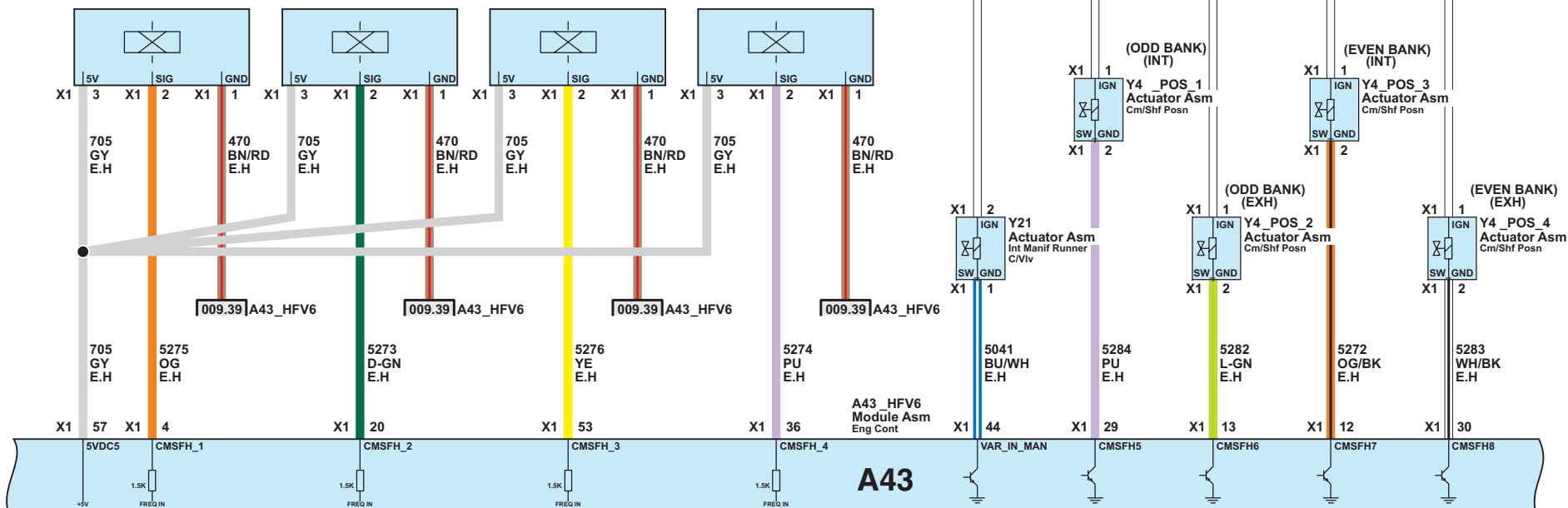


B28_POS_1
Sensor Asm
Cm/Shf Posn
(ODD BANK)
(INT)

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 009

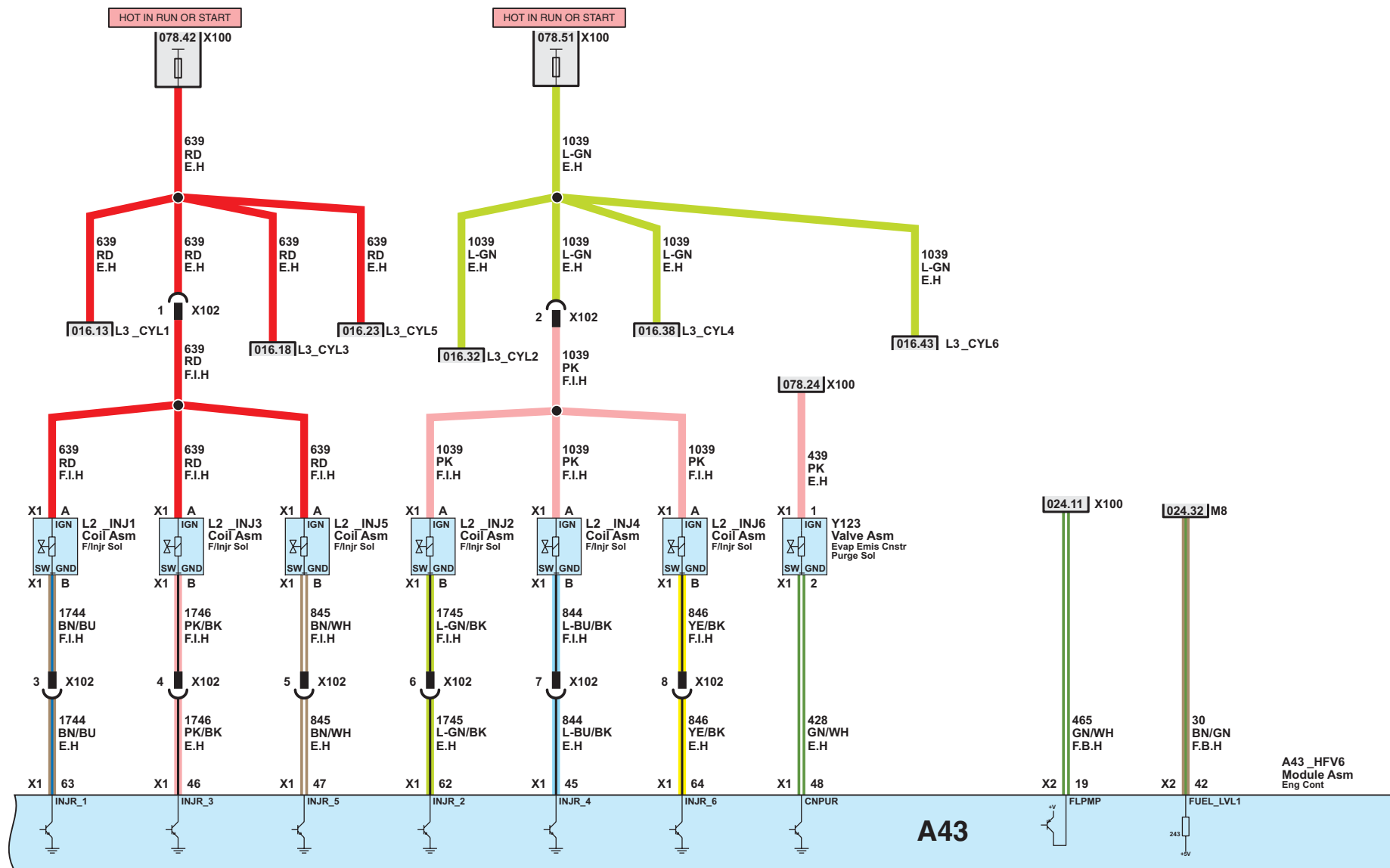
CONTINUED ON
SHEET 011

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010 of 108

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

MY2005 VZ AWD WAGON

V05AW_12PSHT010



CONTINUED ON
SHEET 010

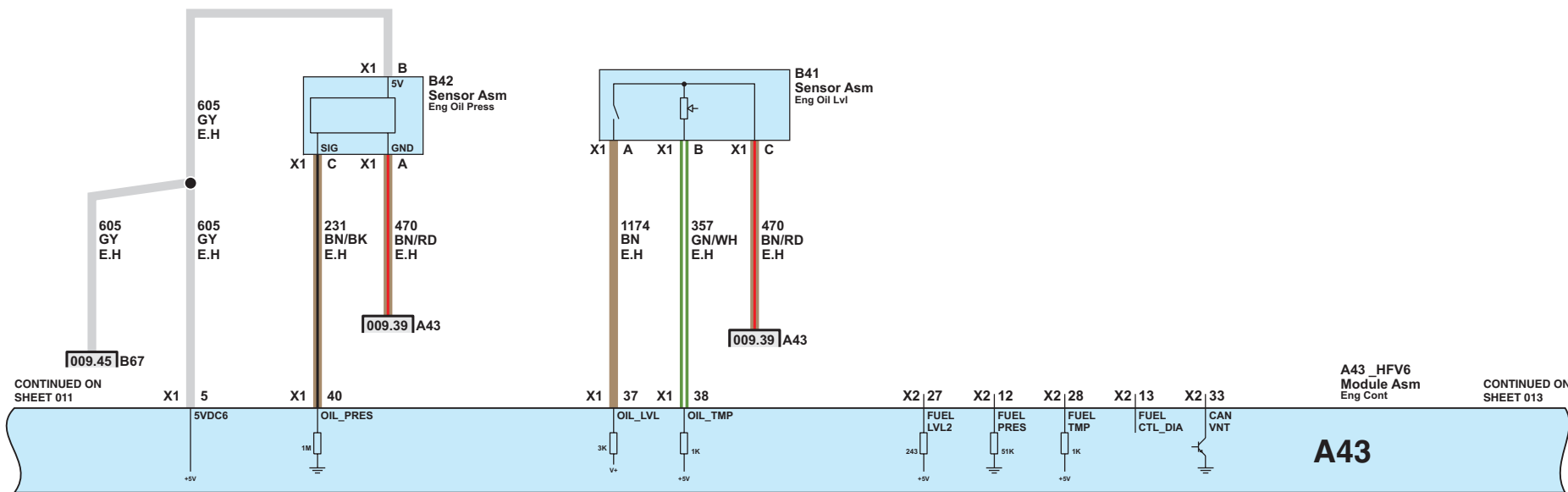
CONTINUED ON
SHEET 012

Sheet
011 of 108

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

MY2005 VZ AWD WAGON

V05AW_12PSHT011



Sheet
012 of 108

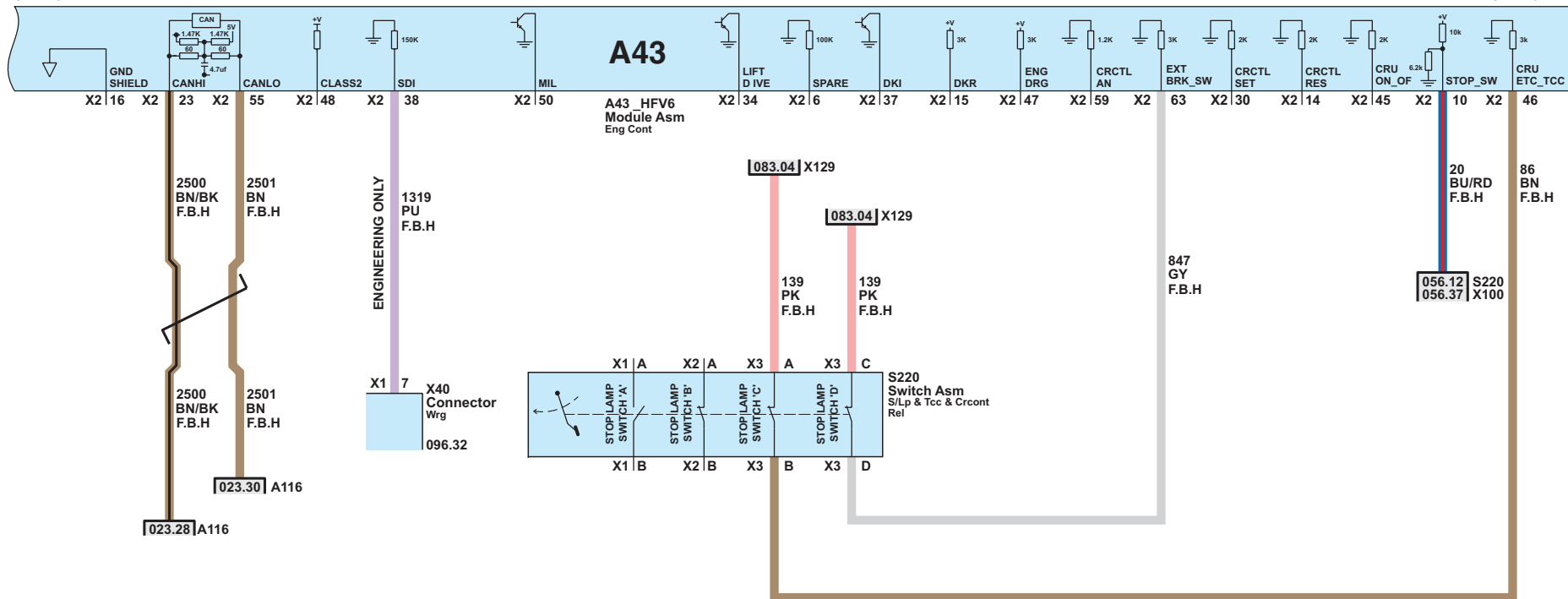
3.6 Litre 60 Degree V6 Engine - Engine Oil Sensors

MY2005 VZ AWD WAGON

V05AW_12PSHT012

CONTINUED ON
SHEET 012

CONTINUED ON
SHEET 014



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013 of 108

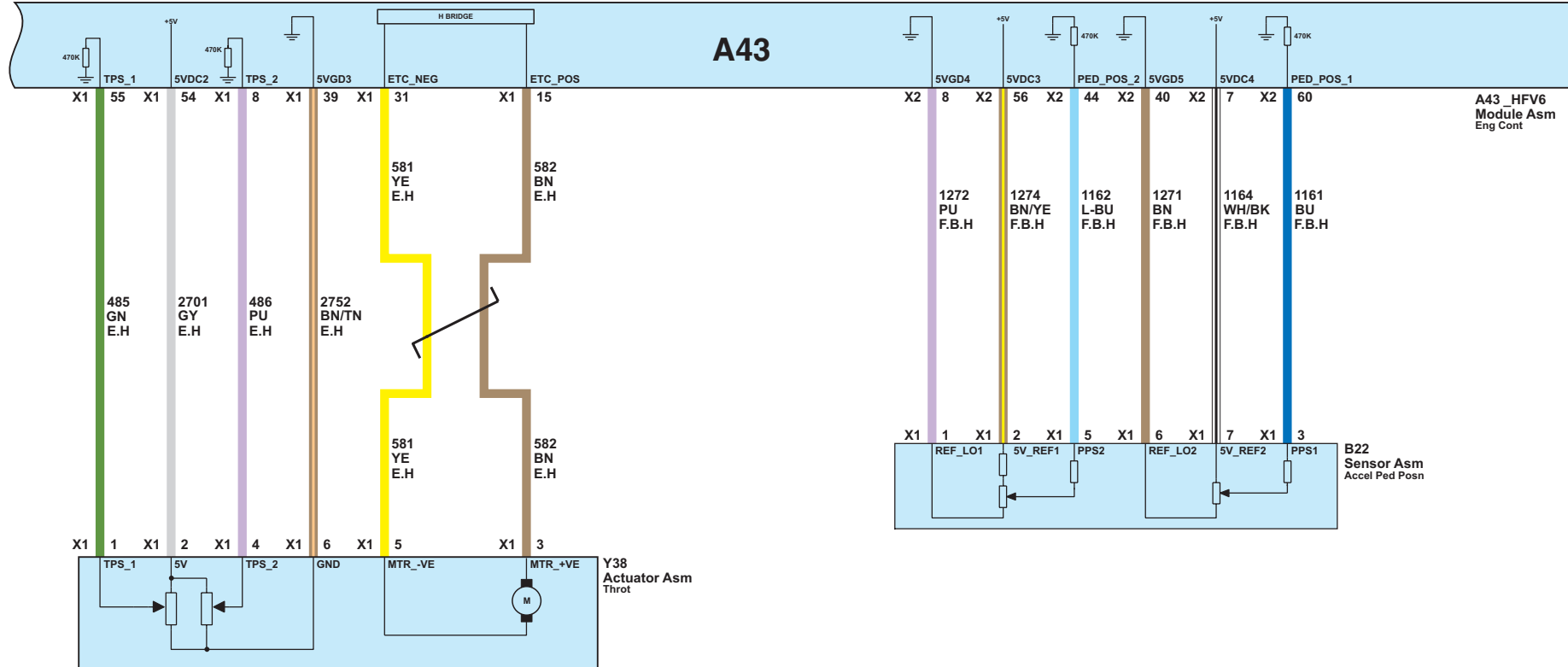
3.6 Litre 60 Degree V6 Engine - Communications & Cruise Control

MY2005 VZ AWD WAGON

V05AW_12PSHT013

CONTINUED ON
SHEET 013

CONTINUED ON
SHEET 015



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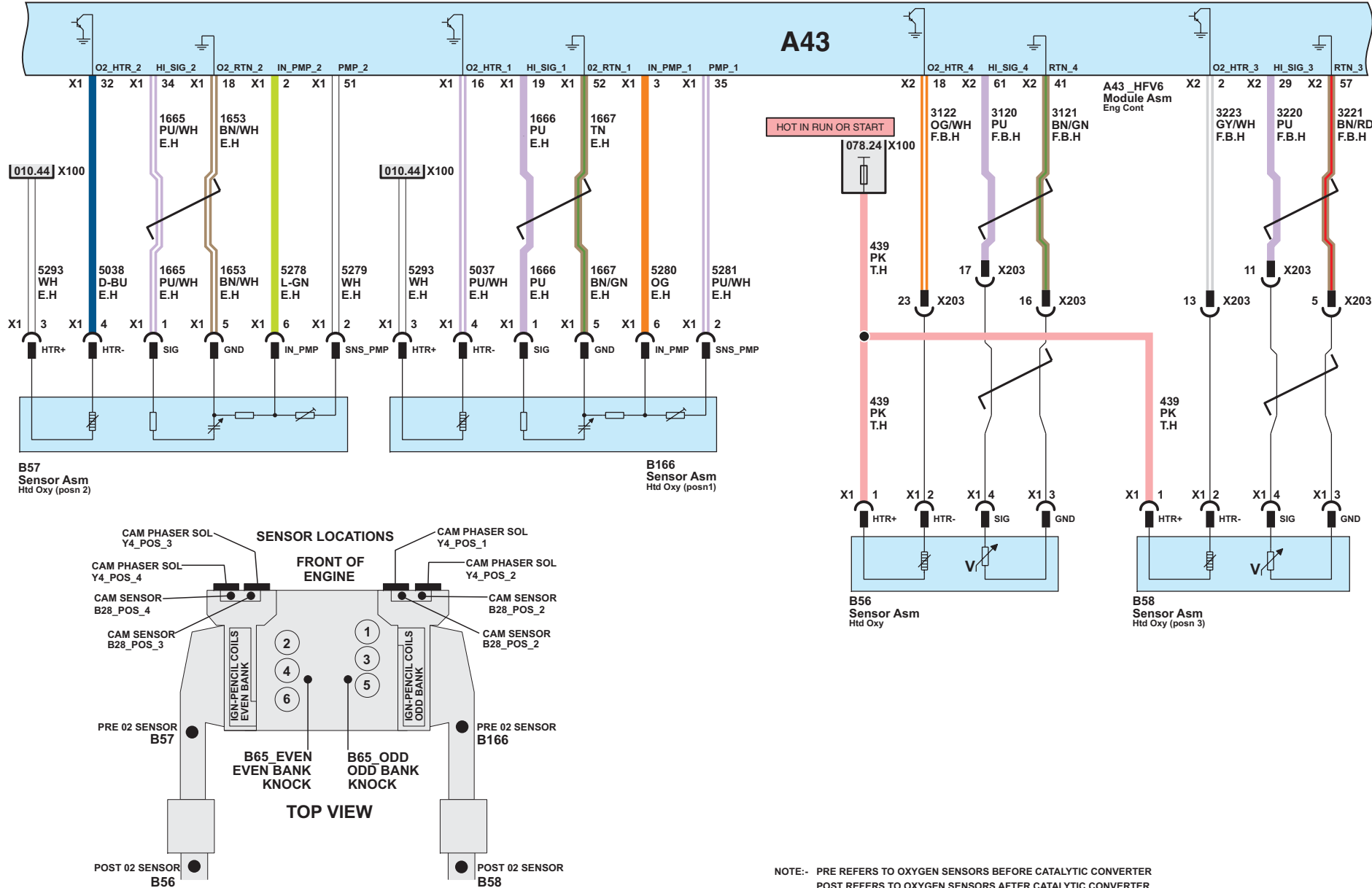
3.6 Litre 60 Degree V6 Engine - Throttle Actuator

MY2005 VZ AWD WAGON

V05AW_12PSHT014

CONTINUED ON
SHEET 014

CONTINUED ON
SHEET 016



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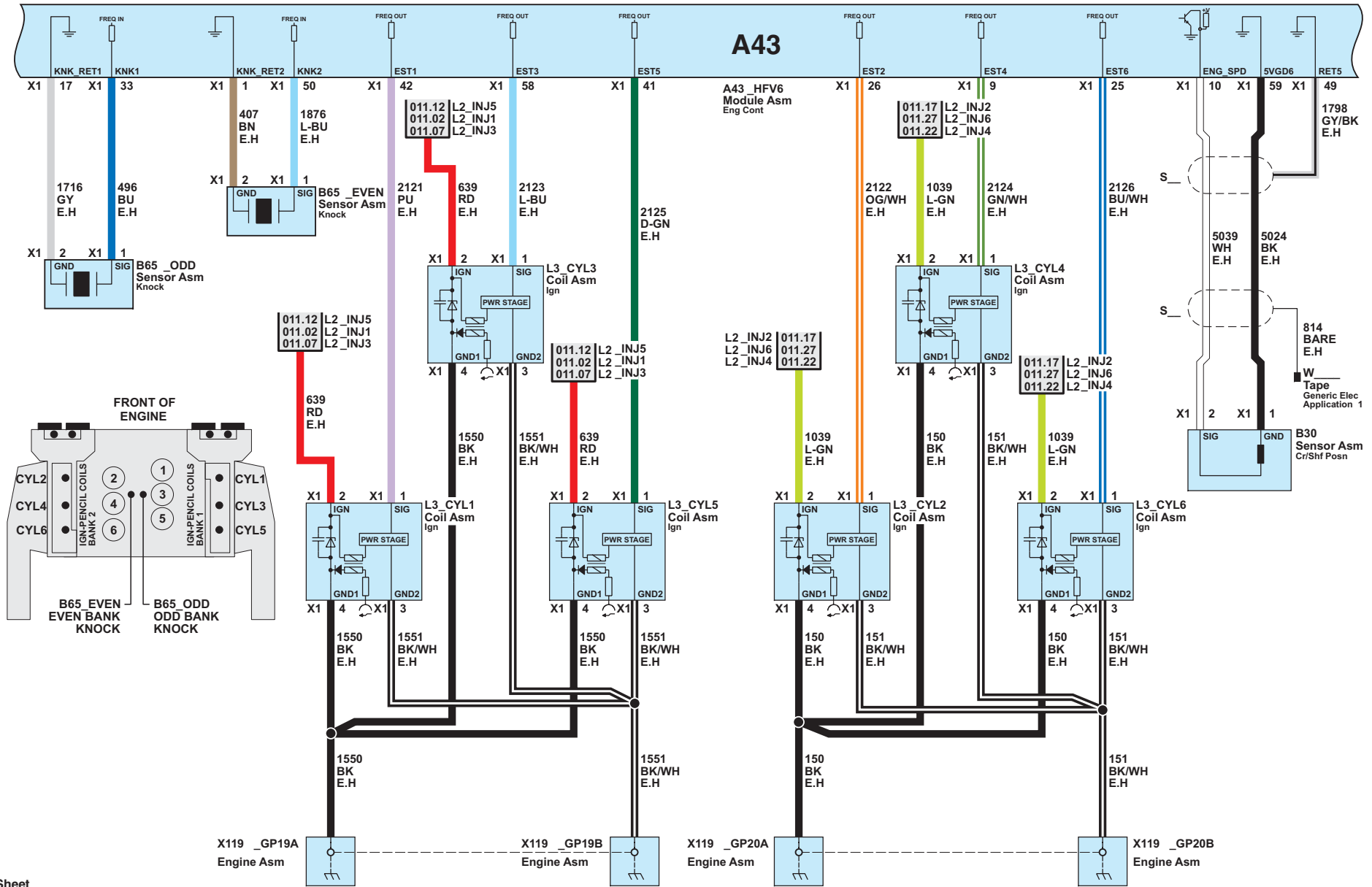
3.6 Litre 60 Degree V6 Engine - Exhaust Gas Sensors

MY2005 VZ AWD WAGON

V05AW_12PSHT015

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SHEET 015

CONTINUED ON
SHEET 017

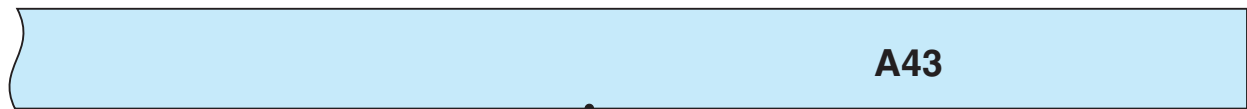


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3.6 Litre 60 Degree V6 Engine - Ignition Coil Modules & Knock Sensors

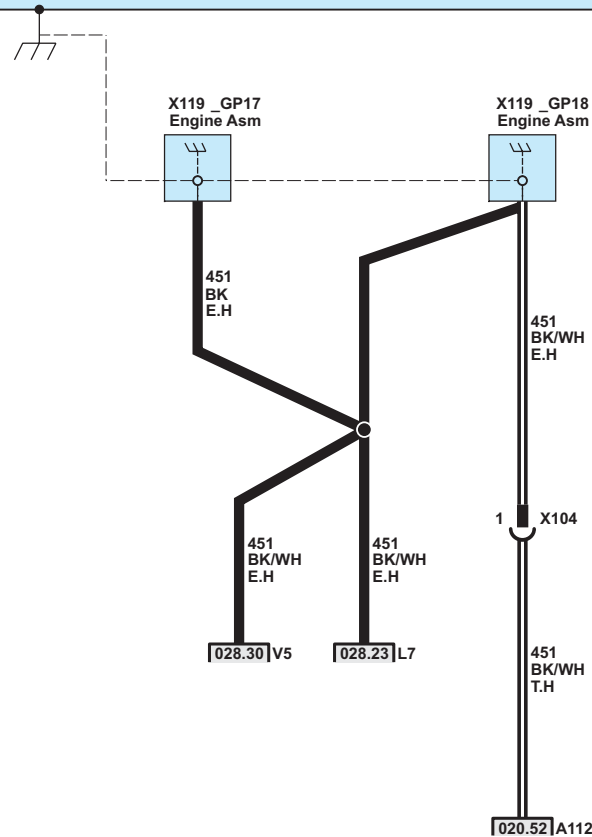
MY2005 VZ AWD WAGON

V05AW_12PSHT016

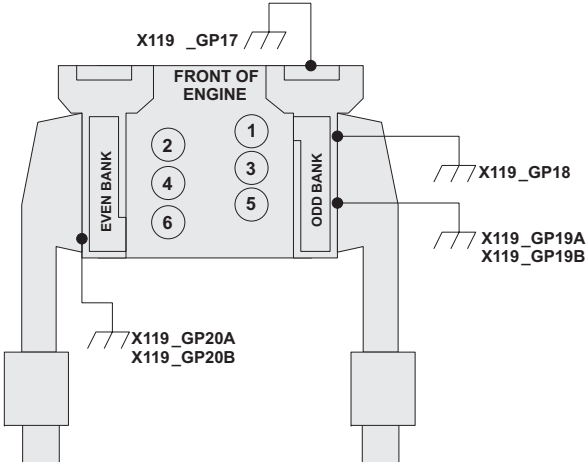


A43_HFV6
Module Asm
Eng Cont

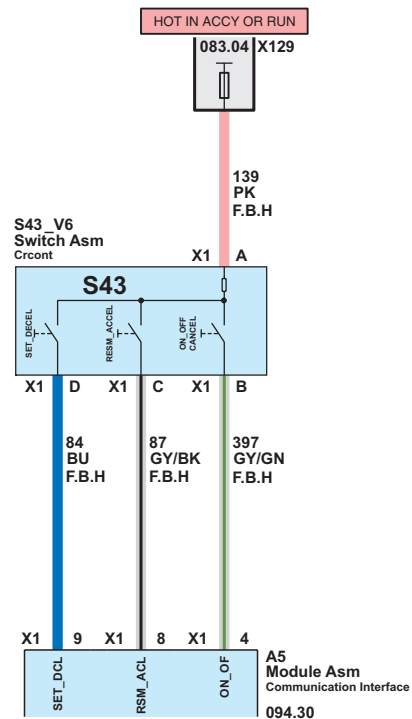
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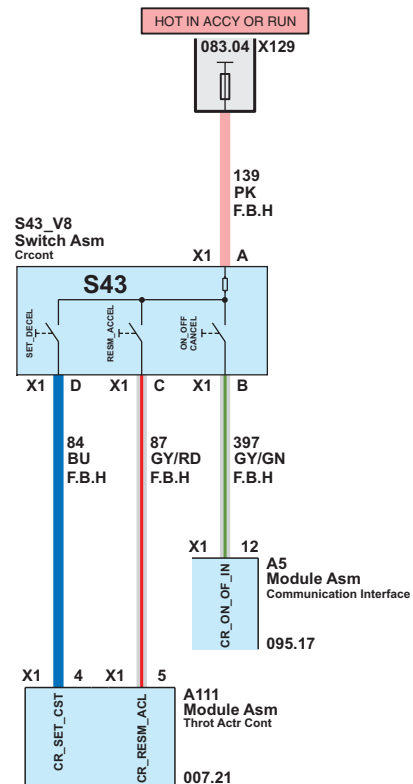
ENGINE GROUND LOCATIONS



V6 VEHICLES ONLY



V8 VEHICLES ONLY



V8 VEHICLES ONLY

