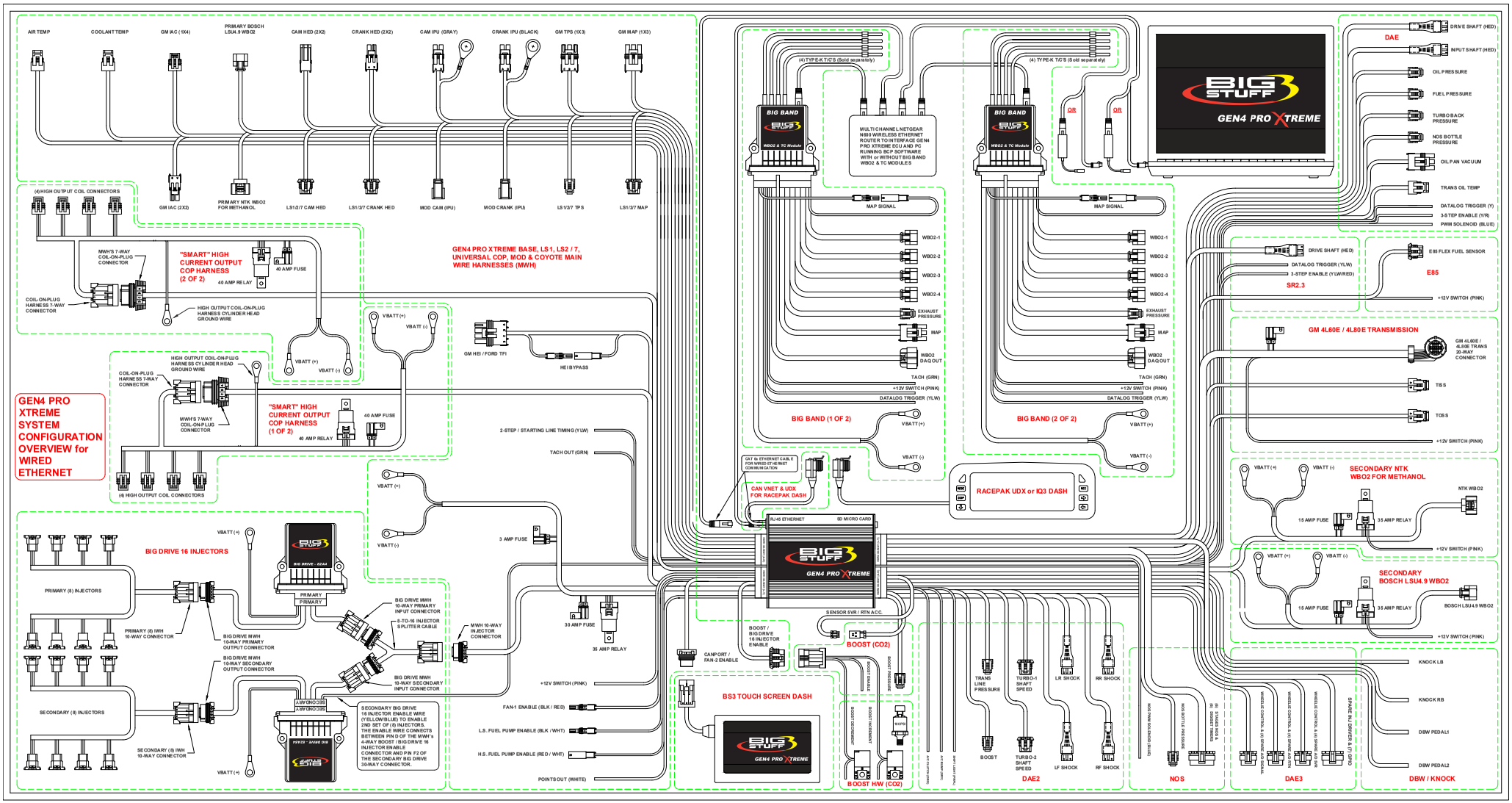
GEN4 PRO XTREME SYSTEM CONFIGURATION OVERVIEW for WIRED ETHERNET
AIR TEMP
COOLANT TEMP
GM IAC (1X4)
PRIMARY BOSCH LSU4.9 WBO2
CAM HED (2X2)
CRANK HED (2X2)
CAM IPU (GRAY)
CRANK IPU (BLACK)
GM TPS (1X3)
GM MAP (1X3)
GM IAC (2X2)
PRIMARY NTK WBO2 FOR METHANOL
LS1/27 CAM HED
LS1/27 CRANK HED
MOD CAM (IPU)
MOD CRANK (IPU)
LS 1/27 TPS
LS1/27 MAP
(4) HIGH OUTPUT COIL CONNECTORS
MWHS 7-WAY COIL-ON-PLUG CONNECTOR
COIL-ON-PLUG HARNESS 7-WAY CONNECTOR
"SMART" HIGH CURRENT OUTPUT COP HARNESS (2 OF 2)
40 AMP RELAY
40 AMP FUSE
HIGH OUTPUT COIL-ON-PLUG HARNESS CYLINDER HEAD GROUND WIRE
VBATT (+)
VBATT (-)
GM HEI / FORD TFI
HEI BYPASS
GEN4 PRO XTREME BASE, LS1, LS2 / 7, UNIVERSAL COP, MOD & COYOTE MAIN WIRE HARNESSES (MWH)
"SMART" HIGH CURRENT OUTPUT COP HARNESS (1 OF 2)
2-STEP / STARTING LINE TIMING (YLW)
TACH OUT (GRN)
3 AMP FUSE
BIG DRIVE 16 INJECTORS
PRIMARY (8) INJECTORS
SECONDARY (8) INJECTORS
PRIMARY (8) IWH 10-WAY CONNECTOR
SECONDARY (8) IWH 10-WAY CONNECTOR
BIG DRIVE MWH 10-WAY PRIMARY OUTPUT CONNECTOR
BIG DRIVE MWH 10-WAY SECONDARY OUTPUT CONNECTOR
BIG DRIVE MWH 10-WAY PRIMARY INPUT CONNECTOR
8-TO-16 INJECTOR SPLITTER CABLE
MWH 10-WAY INJECTOR CONNECTOR
BIG DRIVE MWH 10-WAY SECONDARY INPUT CONNECTOR
SECONDARY BIG DRIVE 16 INJECTOR ENABLE WIRE (YELLOW/BLUE) TO ENABLE 2ND SET OF (8) INJECTORS. THE ENABLE WIRE CONNECTS BETWEEN PIN D OF THE MWH's 4-WAY BOOST / BIG DRIVE 16 INJECTOR ENABLE CONNECTOR AND PIN F2 OF THE SECONDARY BIG DRIVE 34-WAY CONNECTOR.
30 AMP FUSE
35 AMP RELAY
+12V SWITCH (PINK)
FAN-1 ENABLE (BLK / RED)
L.S. FUEL PUMP ENABLE (BLK / WHT)
H.S. FUEL PUMP ENABLE (RED / WHT)
POINTS OUT (WHITE)
(4) TYPE-K T/C'S (Sold separately)
MULTI CHANNEL NETGEAR N900 WIRELESS ETHERNET ROUTER TO INTERFACE GEN4 PRO XTREME ECU AND PC RUNNING BCP SOFTWARE WITH or WITHOUT BIG BAND WBO2 & TC MODULES
OR
BIG BAND
WBO2 & TC Module
MAP SIGNAL
WBO2-1
WBO2-2
WBO2-3
WBO2-4
EXHAUST PRESSURE
MAP
WBO2 DAQ OUT
TACH (GRN)
+12V SWITCH (PINK)
DATALOG TRIGGER (YLW)
BIG BAND (1 OF 2)
BIG BAND (2 OF 2)
VBATT (+)
VBATT (-)
CAT 6e ETHERNET CABLE FOR WIRED ETHERNET COMMUNICATION
CAN VNET & UDX FOR RACEPAK DASH
RACEPAK UDX or IQ3 DASH
RJ-45 ETHERNET
SD MICRO CARD
GEN4 PRO XTREME
SENSOR 5VR / RTN ACC.
BOOST / BIG DRIVE 16 INJECTOR ENABLE
BOOST (CO2)
CANPORT / FAN-2 ENABLE
BS3 TOUCH SCREEN DASH
BOOST SOLENOID
BOOST PRESSURE
BOOST ENABLE
BOOST INCREMENT
BOOST DECREMENT
MAPSW
TOUCH CLOCK
TOUCH DATA
LIGHT DRIVE
LIGHT PWM
BOOST HW (CO2)
TRANS LINE PRESSURE
TURBO-1 SHAFT SPEED
LR SHOCK
RR SHOCK
BOOST
TURBO-2 SHAFT SPEED
LF SHOCK
RF SHOCK
DAE2
NOS RPM SOLENOID (BLUE)
NOS BOTTLE PRESSURE
NOS TRIGGER (6)
6 STAGES NOS
NOS
DAE
DRIVE SHAFT (HED)
INPUT SHAFT (HED)
OIL PRESSURE
FUEL PRESSURE
TURBO BACK PRESSURE
NOS BOTTLE PRESSURE
OIL PAN VACUUM
TRANS OIL TEMP
DATALOG TRIGGER (Y)
3-STEP ENABLE (Y/R)
PWM SOLENOID (BLUE)
SR2.3
DRIVE SHAFT (HED)
DATALOG TRIGGER (YLW)
3-STEP ENABLE (YLW/RED)
E85
E85 FLEX FUEL SENSOR
+12V SWITCH (PINK)
GM 4L60E / 4L80E TRANSMISSION
GM 4L60E / 4L80E TRANS 20-WAY CONNECTOR
TISS
TOSS
+12V SWITCH (PINK)
SECONDARY NTK WBO2 FOR METHANOL
NTK WBO2
15 AMP FUSE
35 AMP RELAY
+12V SWITCH (PINK)
SECONDARY BOSCH LSU4.9 WBO2
BOSCH LSU4.9 WBO2
+12V SWITCH (PINK)
KNOCK LB
KNOCK RB
DBW PEDAL1
DBW PEDAL2
SPARE PIN / REVERSE LIGHT CONTROL
WHEELIE CONTROL & 4-STEP SWITCH
WHEELIE CONTROL & 4-STEP SWITCH
WHEELIE CONTROL & 4-STEP SWITCH
WHEELIE CONTROL & 4-STEP SWITCH
DAE3
DBW / KNOCK