GEN4 PRO XTREME SYSTEM CONFIGURATION OVERVIEW for WIRELESS 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
LS1/2/7 CAM HED
LS1/2/7 CRANK HED
MOD CAM (IPU)
MOD CRANK (IPU)
LS1/2/7 TPS
LS1/2/7 MAP

GEN4 PRO XTREME BASE, LS1, LS2 / 7, UNIVERSAL COP, MOD & COYOTE MAIN WIRE HARNESSES (MWH)

(4) HIGH OUTPUT COIL CONNECTORS
MWH'S 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 (-)

HIGH OUTPUT COIL-ON-PLUG HARNESS CYLINDER HEAD GROUND WIRE
COIL-ON-PLUG HARNESS 7-WAY CONNECTOR
MWH'S 7-WAY COIL-ON-PLUG CONNECTOR
"SMART" HIGH CURRENT OUTPUT COP HARNESS (1 OF 2)
40 AMP RELAY
40 AMP FUSE
(4) HIGH OUTPUT COIL CONNECTORS

GM HEI / FORD TFI
HEI BYPASS
2-STEP / STARTING LINE TIMING (YLW)
TACH OUT (GRN)
VBATT (+)
VBATT (-)
3 AMP FUSE
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)

BIG DRIVE 16 INJECTORS
BIG DRIVE - 82A4
BIG DRIVE - 82A4A
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
BIG DRIVE MWH 10-WAY SECONDARY INPUT CONNECTOR
8-TO-16 INJECTOR SPLITTER CABLE
MWH 10-WAY INJECTOR 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 30-WAY CONNECTOR.

(4) TYPE-K T/C'S (Sold Separately)
MULTI CHANNEL NETGEAR N600 WIRELESS ETHERNET ROUTER TO INTERFACE GEN4 PRO XTREME ECU AND PC RUNNING BCP SOFTWARE WITH or WITHOUT BIG BAND WBO2 & TC MODULES
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)
VBATT (+)
VBATT (-)

(4) TYPE-K T/C'S (Sold separately)
BIG BAND (2 OF 2)

CAT 6a ETHERNET CABLE FOR WIRELESS ETHERNET COMMUNICATION
CAN VNET & UDX FOR RACEPAK DASH
RACEPAK UDX or IQ3 DASH
RJ45 ETHERNET
SD MICRO CARD
GEN4 PRO XTREME
SENSOR 5VR / RTN ACC.
CANPORT / FAN-2 ENABLE
BOOST / BIG DRIVE 16 INJECTOR ENABLE
BOOST (CO2)
BOOST ENABLE
BOOST PRESSURE
100 PSI
BOOST DECREMENT
BOOST INCREMENT
BOOST H/W (CO2)
BS3 TOUCH SCREEN DASH
A/C CLUTCH (ORG)
A/C ENERGY (GRY)
SHIFT LIGHT (PINK)
TRANS LINE PRESSURE
BOOST
TURBO-1 SHAFT SPEED
TURBO-2 SHAFT SPEED
LR SHOCK
LF SHOCK
RR SHOCK
RF SHOCK
DAE2
NOS PWM SOLENOID (BLUE)
NOS BOTTLE PRESSURE
(6) STAGES NOS & (6) DIGRET TIMERS
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)

DRIVE SHAFT (HED)
DATALOG TRIGGER (YLW)
3-STEP ENABLE (YLW/RED)
SR2.3
E85 FLEX FUEL SENSOR
E85
+12V SWITCH (PINK)

GM 4L60E / 4L80E TRANSMISSION
GM 4L60E / 4L80E TRANS 20-WAY CONNECTOR
TISS
TOSS
+12V SWITCH (PINK)

VBATT (+)
VBATT (-)
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

KNOCK LB
KNOCK RB
DBW PEDAL1
DBW PEDAL2
WHEELIE CONTROL & (4) SPARE A/D SIGNAL
WHEELIE CONTROL & (4) SPARE PWM PIN
WHEELIE CONTROL & (4) SPARE A/D SVR
SPARE INJ DRIVER & (7) GPIO
DAE3
DBW / KNOCK