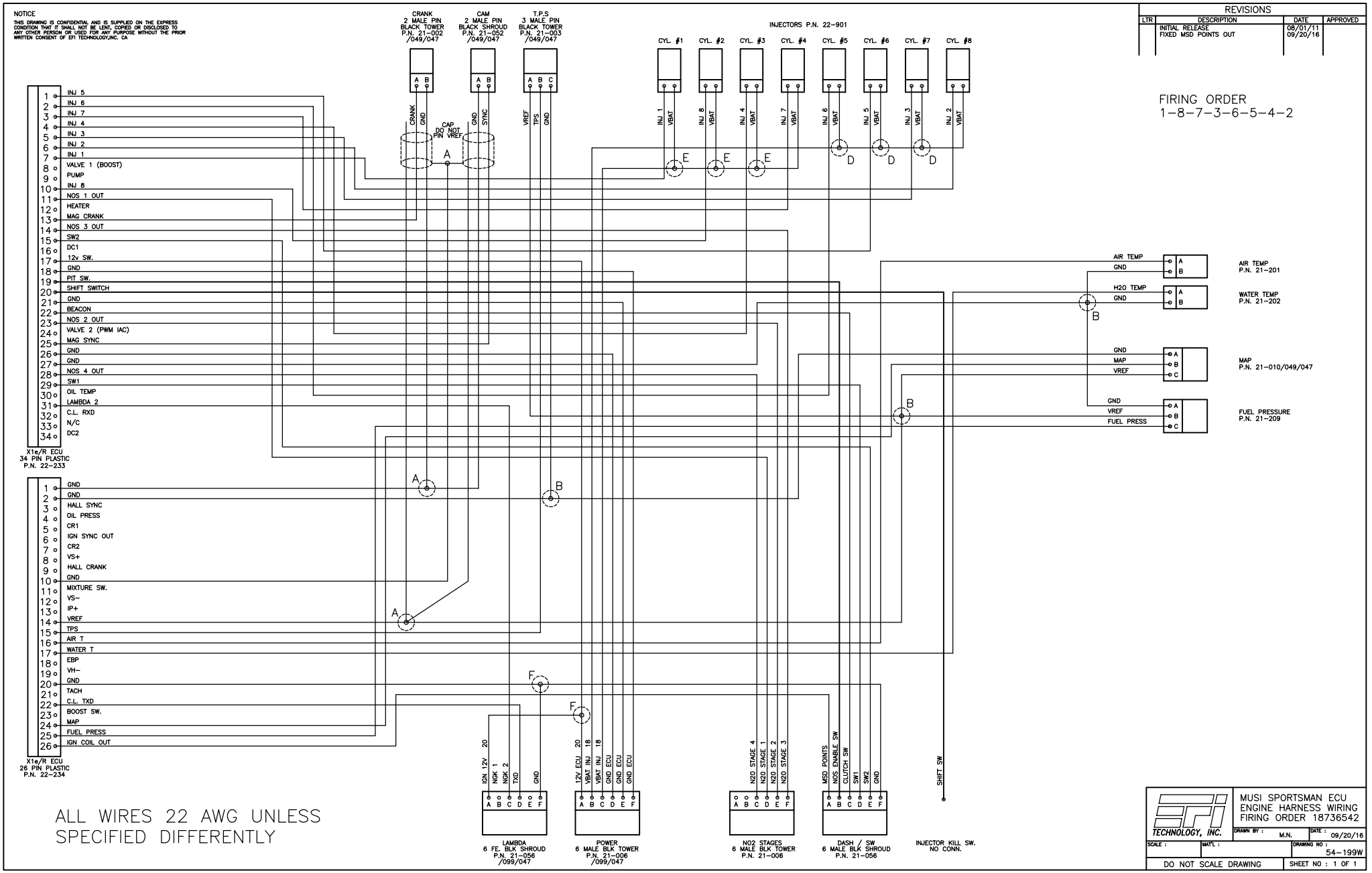
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REVISIONS
LTR DESCRIPTION DATE APPROVED
INITIAL RELEASE 08/01/11
FIXED MSD POINTS OUT 09/20/16
CRANK 2 MALE PIN BLACK TOWER P.N. 21-002 /049/047
CAM 2 MALE PIN BLACK SHROUD P.N. 21-052 /049/047
T.P.S 3 MALE PIN BLACK TOWER P.N. 21-003 /049/047
INJECTORS P.N. 22-901
CYL. #1
CYL. #2
CYL. #3
CYL. #4
CYL. #5
CYL. #6
CYL. #7
CYL. #8
FIRING ORDER
1-8-7-3-6-5-4-2
1 INJ 5
2 INJ 6
3 INJ 7
4 INJ 4
5 INJ 3
6 INJ 2
7 INJ 1
8 VALVE 1 (BOOST)
9 PUMP
10 INJ 8
11 NOS 1 OUT
12 HEATER
13 MAG CRANK
14 NOS 3 OUT
15 SW2
16 DC1
17 12v SW.
18 GND
19 PIT SW.
20 SHIFT SWITCH
21 GND
22 BEACON
23 NOS 2 OUT
24 VALVE 2 (PWM IAC)
25 MAG SYNC
26 GND
27 GND
28 NOS 4 OUT
29 SW1
30 OIL TEMP
31 LAMBDA 2
32 C.L. RXD
33 N/C
34 DC2
X1e/R ECU 34 PIN PLASTIC P.N. 22-233
1 GND
2 GND
3 HALL SYNC
4 OIL PRESS
5 CR1
6 IGN SYNC OUT
7 CR2
8 VS+
9 HALL CRANK
10 GND
11 MIXTURE SW.
12 VS-
13 IP+
14 VREF
15 TPS
16 AIR T
17 WATER T
18 EBP
19 VH-
20 GND
21 TACH
22 C.L. TXD
23 BOOST SW.
24 MAP
25 FUEL PRESS
26 IGN COIL OUT
X1e/R ECU 26 PIN PLASTIC P.N. 22-234
AIR TEMP
GND
AIR TEMP P.N. 21-201
H2O TEMP
GND
WATER TEMP P.N. 21-202
GND
MAP
VREF
MAP P.N. 21-010/049/047
GND
VREF
FUEL PRESS
FUEL PRESSURE P.N. 21-209
IGN 12V 20
NGK 1
NGK 2
TXD
GND
LAMBDA 6 FE. BLK SHROUD P.N. 21-056 /099/047
12V ECU 20
VBAT INJ 18
VBAT INJ 18
GND ECU
GND ECU
GND ECU
POWER 6 MALE BLK TOWER P.N. 21-006 /099/047
N2O STAGE 4
N2O STAGE 1
N2O STAGE 2
N2O STAGE 3
NO2 STAGES 6 MALE BLK TOWER P.N. 21-006
MSD POINTS
NOS ENABLE SW
CLUTCH SW
SW1
SW2
GND
DASH / SW 6 MALE BLK SHROUD P.N. 21-056
SHIFT SW
INJECTOR KILL SW. NO CONN.
ALL WIRES 22 AWG UNLESS SPECIFIED DIFFERENTLY
EFI TECHNOLOGY, INC.
MUSI SPORTSMAN ECU
ENGINE HARNESS WIRING
FIRING ORDER 18736542
DRAWN BY : M.N.
DATE : 09/20/16
SCALE :
MAT'L :
DRAWING NO : 54-199W
DO NOT SCALE DRAWING
SHEET NO : 1 OF 1