

MICROTECH DT CUSTOM RACE 13B/20B ENGINE MANAGEMENT SYSTEM

DEUTSCH 12 WAY GREY PLUG "A"

IGNITION OUTPUTS

REFER TO IGNITION
MANUFACTURERS HOOKUP
DIAGRAMS

- L1 L1
- L2 L2
- L3 L3
- L4 L4
- L5 L5
- L6 L6

IGN OUTPUT #1
IGN OUTPUT #2
IGN OUTPUT #3
IGN OUTPUT #4
IGN OUTPUT #5
IGN OUTPUT #6

12V TACH OUTPUT
FUEL PUMP RELAY (-VE OUT)
AUX#1 (PWM 1)
AUX#2 (PWM 2)
AUX#3 (PWM 3)
AUX#4 (PWM 4)
4 X 1 AMP (-VE OUT)

GREY 12 WAY PLUG

PIN1
PIN2
PIN3
PIN4
PIN5
PIN6
PIN12
PIN11
PIN10
PIN9
PIN8
PIN7

12V TACH OUTPUT
BLUE/WHITE

AUXILIARY OUTPUTS X4

WHITE
WHITE/RED
WHITE/BLK
WHITE/ORANGE

12V

IGNITION COIL AND MODULE LEADING #1
IGNITION COIL AND MODULE TRAILING #1
IGNITION COIL AND MODULE LEADING #2
IGNITION COIL AND MODULE TRAILING #2
IGNITION COIL AND MODULE LEADING #3
IGNITION COIL AND MODULE TRAILING #3

13B/20B IGN OUTPUTS

GREY/RED
GREY/BLK
GREY/GREEN
GREY/WHITE
GREY/BLUE
GREY

FUEL PUMP POWER FROM -RACE CAR IGNITION ON CIRCUIT
15A-20A FUSE

86 +
30 -
85
87

FUEL PUMP RELAY

EFI FUEL PUMP

+12V

INJECTORS/SOLENOID POWER FROM -RACE CAR IGNITION ON CIRCUIT
15A-20A FUSE

+12V RED
+12V

DECREASE
INCREASE

BOOST SOLENOIDS

ORANGE/BLUE
YELLOW/BLUE

SEC #1
SEC #2
SEC #3
SEC #4

ROTOR #1
ROTOR #2
ROTOR #3
ROTOR #4

PRI #1
PRI #2
PRI #3
PRI #4

YELLOW
ORANGE
YELLOW/RED
ORANGE/RED
YELLOW/BLK
ORANGE/BLK
YELLOW/WHITE
ORANGE/WHITE

GREEN
ORANGE

OPTIONAL HIGH CURRENT OUT#1
OPTIONAL HIGH CURRENT OUT#2

GREEN 12 WAY PLUG

PIN1
PIN2
PIN3
PIN4
PIN5
PIN6
PIN7
PIN8
PIN9
PIN10
PIN11
PIN12

INJECTOR DRIVE #1
INJECTOR DRIVE #2
INJECTOR DRIVE #3
INJECTOR DRIVE #4
INJECTOR DRIVE #5
INJECTOR DRIVE #6
INJECTOR DRIVE #7
INJECTOR DRIVE #8

PWM A OUTPUT #1
PWM B OUTPUT #2
HIGH CURRENT OUT#1
HIGH CURRENT OUT#2

(OPTION) TRANSBRAKE -VE
(OPTION) TRANSBRAKE GND

N.B. USE ONLY - PER INJECTOR BANK

STD CONFIG
1 X 1 OHM INJECTORS
2 X 2 OHM INJECTORS

UPGRADED CONFIG
2 X 1 OHM INJECTORS
4 X 2 OHM INJECTORS

DT CUSTOM MAZDA

Size Number
A3 MAZDA ROTOR
Date: 18-Feb-2018 FUEL / IGN DRAWING
File: C:\ADV\SECFDT\CUST1301

Revision 1.0
Sheet of 1
Drawn By: DOM

8

7

6

5

4

3

2

1

D

C

B

A