

IGNITION +12V

MICROTECH MT-12 20B SEQUENTIAL ENGINE MANAGEMENT SYSTEM

RED +12V

YELLOW

YELLOW/BLACK

YELLOW/RED

LEADING
COILPACK

RED +12V

ORANGE

ORANGE/BLACK

ORANGE/RED

TRAILING
COILPACK

TRAILING #1

TRAILING #2

TRAILING #3

CRANK
ANGLE
SENSOR

GREEN
RED
WHITE/BLACK
BLUE
4WAY PLUG

NOTE:

SET STATIC TIMING
6 DEGS ATDC

IGN SETUP -

CONFIG = 86 CYL/R
INPUT TRIG = +VE
OUTPUT TRIG = -VE
DWELL TYPE = TIME
DWELL = 3.25 MS
PUMP DWELL = 3.50 MS

MICROTECH MT-12 20B SEQUENTIAL

IGNITION OUTPUT

IGN OUTPUT #1 L1
IGN OUTPUT #2 L2
IGN OUTPUT #3 L3
IGN OUTPUT #4 T1
IGN OUTPUT #5 T2
IGN OUTPUT #6 T3
IGN GND
IGN GND

INJECTOR DRIVE #1 PRI_1 (PRIMARY FRONT)
INJECTOR DRIVE #2 PRI_2 (PRIMARY CENTRE)
INJECTOR DRIVE #3 PRI_3 (PRIMARY REAR)
INJECTOR DRIVE #4 SEC_1 (SECONDARY FRONT)
INJECTOR DRIVE #5 SEC_2 (SECONDARY CENTRE)
INJECTOR DRIVE #6 SEC_3 (SECONDARY REAR)

BATTERY +
GND
IGNITION ON +12V
FUEL PUMP RELAY

FUEL & SENSORS INPUT
SEE FUEL DRAWING

5 VOLT
T.P.S. INPUT
AIR TEMP SENSOR
WATER TEMP SENSOR
SPARE

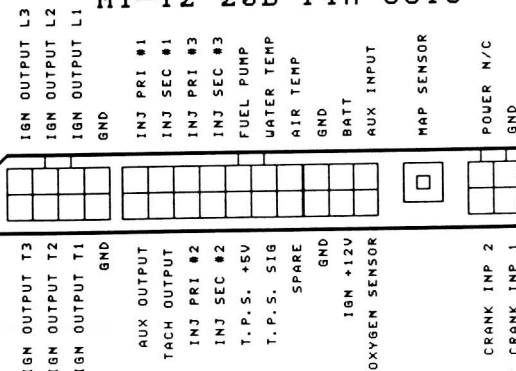
TACH OUTPUT
AUX OUTPUT
OXYGEN SENSOR INPUT
AUX INPUT

VAC/BOOST NIPPLE
FROM MANIFOLD

IGNITION INPUT

CRANK INPUT #1
CRANK INPUT #2
GND
POWER N/C

MT-12 20B PIN-OUTS



MT12 20B DIRECT FIRE

Size Number MAZDA 20B Revision
A3 IGNITION DRAWING 2.0
Date: 19-FEB-1998 Sheet 2 of 2
File: MT12 20B/2 Drawn By: DOM