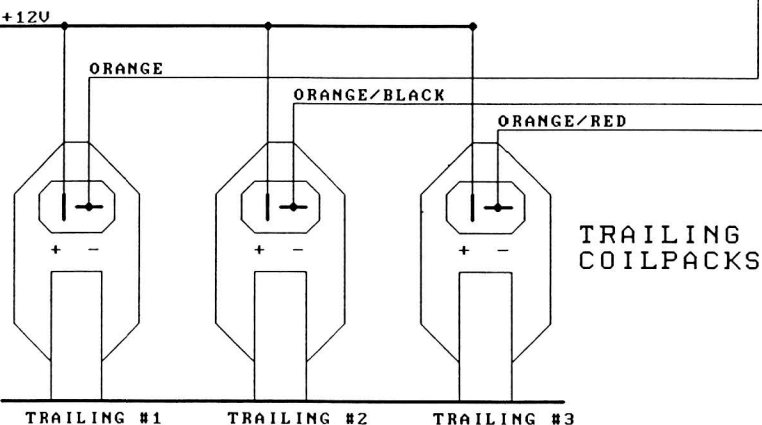
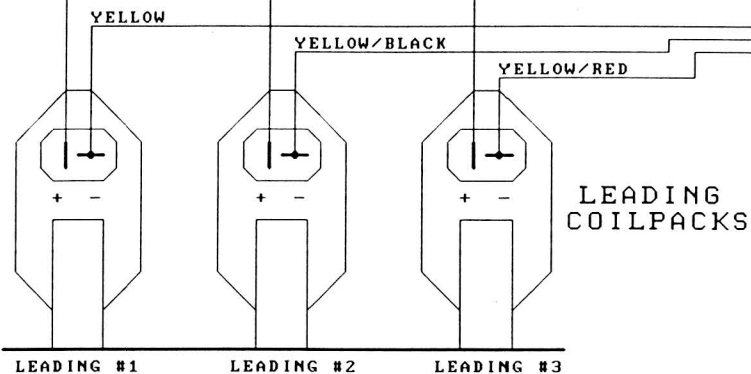


IGNITION +12V

MICROTECH LT-12 20B SEQUENTIAL ENGINE MANAGEMENT SYSTEM



GND
AT
ENGINE
BLOCK

YELLOW
YELLOW/BLACK
YELLOW/RED
ORANGE
ORANGE/BLACK
ORANGE/RED

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

**X6 IGBT
6 COIL SETUP**

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

MICROTECH LT-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
AUX #3
AUX #4

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

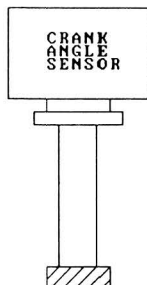
FUEL & SENSORS INPUT
SEE FUEL DRAWING

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

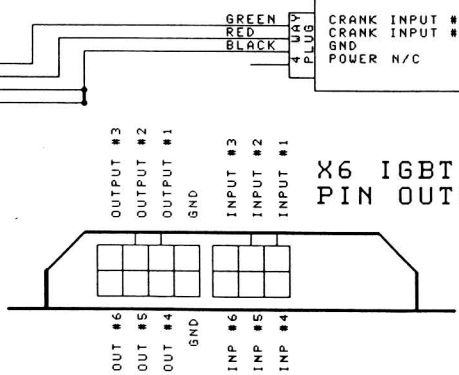


GREEN HOME
RED SPEED
WHITE GND
WHITE/BLACK GND
BLUE GND

NOTE:
SET STATIC TIMING
5 DEGS ATDC

IGN SETUP -

CONFIG = 06 CYL/R
INPUT TRIG = +VE
OUTPUT TRIG = -VE
DWELL TYPE = TIME
DWELL = 3.25 MS
PUMP DWELL = 3.50 MS



**X6 IGBT
PIN OUTS**

Title			
LT12 20B DIRECT FIRE			
Size	Number	MAZDA 20B	Revision
A3	IGNITION DRAWING		2.0
Date: 16-NOV-2005	Sheet	2 of 2	
File: LT12 20B/2	Drawn By:	DOM	