

MICROTECH LT-10+IGBT 13B SEQUENTIAL ENGINE MANAGEMENT SYSTEM

IGNITION +12V

RED +12V

YELLOW

YELLOW/BLACK

YELLOW/BLACK

ORANGE

ORANGE/BLACK

THICK BLACK

GREY/GREEN

GREY/WHITE

GREY/BLK

GREY/RED

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IGN OUTPUT #1 L1
IGN OUTPUT #2 L2
IGN OUTPUT #3 T1
IGN OUTPUT #4 T2
IGN GND
IGN GND

IGN INPUT #4 T2
IGN INPUT #3 T1
IGN INPUT #2 L1
IGN INPUT #1 L1

X4 IGBT

**MICROTECH LT-10
13B SEQUENTIAL**

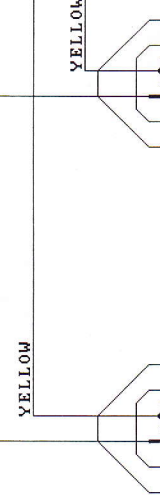
IGN OUTPUT #1 L1
IGN OUTPUT #2 L2
IGN OUTPUT #3 T1
IGN OUTPUT #4 T2
TACH OUTPUT (+12V)

INJECTOR DRIVE #1 PRI_1 (PRIMARY FRONT)
INJECTOR DRIVE #2 PRI_2 (PRIMARY REAR)
INJECTOR DRIVE #3 SEC_1 (SECONDARY FRONT)
INJECTOR DRIVE #4 SEC_2 (SECONDARY REAR)

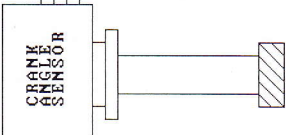
BATTERY +
IGNITION ON +12V
FUEL PUMP RELAY
5 VOLT INPUT
AF. TEMP. SENSOR
WATER TEMP. SENSOR
AUX OUTPUT #3
AUX OUTPUT #2
AUX OUTPUT #1
AUX INPUT #2
AUX INPUT #1

FUEL & SENSORS INPUT
SEE FUEL DRAWING

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



GND
ENGINE
BLOCK



GREEN
GREEN
WHITE
WHITE/BLACK
YELLOW
BLACK
BLUE
GND

HOME
SPEED

NOTE:
SET STATIC TIMING
5 DEGS ATDC

IGN SETUP -
CONFIG = 04 CYL/R
INPUT TRIG = +VE
OUTPUT TRIG = IGBT
DWEELL TYPE = TIME
DWEELL = 3.50 MS
PUMP DWEELL = 4.00 MS

**X4 IGBT
PIN OUTS**



Title		LT-10 13B + IGBT	
Size	Number	Mazda 13B	Revision
A3		IGNITION DRAWING	1.0
Date:	4-OCT-2004	Sheet	2 of 2
File:	LT10_13B72	Drawn By:	DCM

