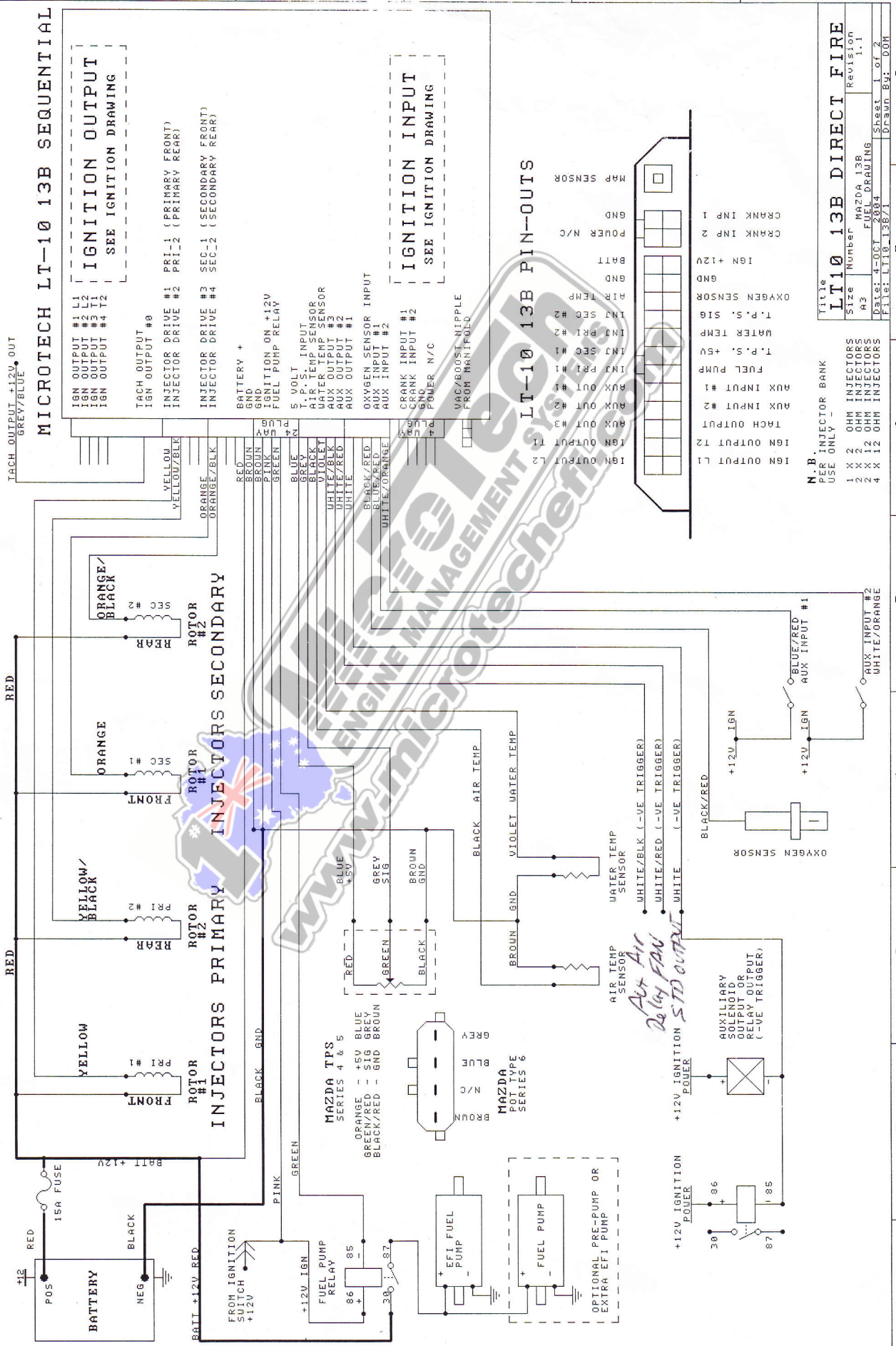


MICROTECH LT-10+ IGBT 13B SEQUENTIAL ENGINE MANAGEMENT SYSTEM



MICROTECH LT-10 13B SEQUENTIAL

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

TACH OUTPUT #0
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)

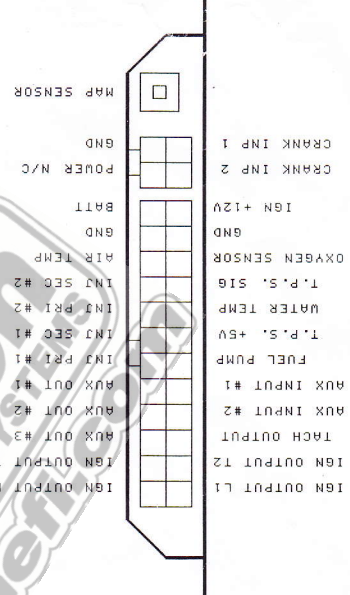
BATTERY +
GND
IGNITION ON +12V
FUEL PUMP RELAY
5 VOLT
T.P.S. INPUT
AIR TEMP SENSOR
WATER TEMP SENSOR
AUX OUTPUT #2
AUX OUTPUT #3
AUX OUTPUT #1

OXYGEN SENSOR INPUT
AUX INPUT #1
AUX INPUT #2
CRANK INPUT #1
CRANK INPUT #2
POWER N/C

VAC/BOOST-NIPPLE
FROM MANIFOLD

IGNITION INPUT
SEE IGNITION DRAWING

LT-10 13B PIN-OUTS



N.B. PER INJECTOR BANK USE ONLY -

1	X 2	OHM INJECTORS
2	X 1	OHM INJECTORS
4	X 12	OHM INJECTORS
4	X 12	OHM INJECTORS

LT10 13B DIRECT FIRE

Size	Number	MAZDA 13B	REVISION
A3	FUEL DRAWING		1.1
Date:	4-OCT 2004	Sheet	1 of 2
File:	LT10 13B/1	Drawn By:	DDH

MICROTECH LT-10+IGBT 13B SEQUENTIAL

ENGINE MANAGEMENT SYSTEM

IGNITION +12V

RED +12V

YELLOW

YELLOW/BLACK

LEADING COILPACKS

LEADING #1

LEADING #2

ORANGE

TRAILING COILPACKS

TRAILING #1

TRAILING #2

IGNITION ON PINK WIRE

RED +12V

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

X4 IGBT

IGN INPUT #4 T2
IGN INPUT #3 T1
IGN INPUT #2 L2
IGN INPUT #1 L1

YELLOW
YELLOW/BLACK

ORANGE
ORANGE/BLACK

THICK BLACK

GREY/BLACK

GREY/RED

GREY/BLK

GREY/WHITE

GREY/GREEN

GREY/BLK

GREY/WHITE

GREY/GREEN

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

MICROTECH LT-10
13B SEQUENTIAL

INJECTOR DRIVE #1 (PRIMARY FRONT)
INJECTOR DRIVE #2 (PRIMARY REAR)
INJECTOR DRIVE #3 (SECONDARY FRONT)
INJECTOR DRIVE #4 (SECONDARY REAR)

BATTERY +
IGNITION ON +12V
FUEL PUMP RELAY
5 VOLT INPUT
I.P.S. INPUT
AIR TEMP SENSOR
MAF OUTPUT #1
AUX OUTPUT #2
AUX OUTPUT #1
OXYGEN SENSOR INPUT
AUX INPUT #2

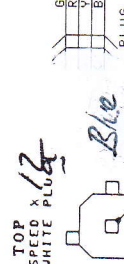
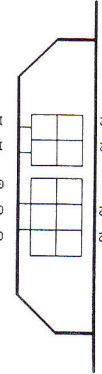
FUEL & SENSORS INPUT
SEE FUEL DRAWING

IGNITION INPUT

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

X4 IGBT
PIN OUTS

INPUT L1
INPUT L2
INPUT T1
INPUT T2
GND
OUTPUT L1
OUTPUT L2
OUTPUT T1
OUTPUT T2



IGN SETUP -
CONFIG = 04 CYL/R
INPUT TRIG = +VE
OUTPUT TRIG = IGBT
DWELL TYPE = TIME
DWELL = 350 MS
PUMP DWELL = 400 MS

Ser 6

Title		LT-10 13B + IGBT	
Size	Number	Revision	
A3	MAZDA 13B	1.0	
Date:	4-OCT-2004	Sheet	2 of 2
File:	LJ10_13B72	Drawn By:	DDM

NOT

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