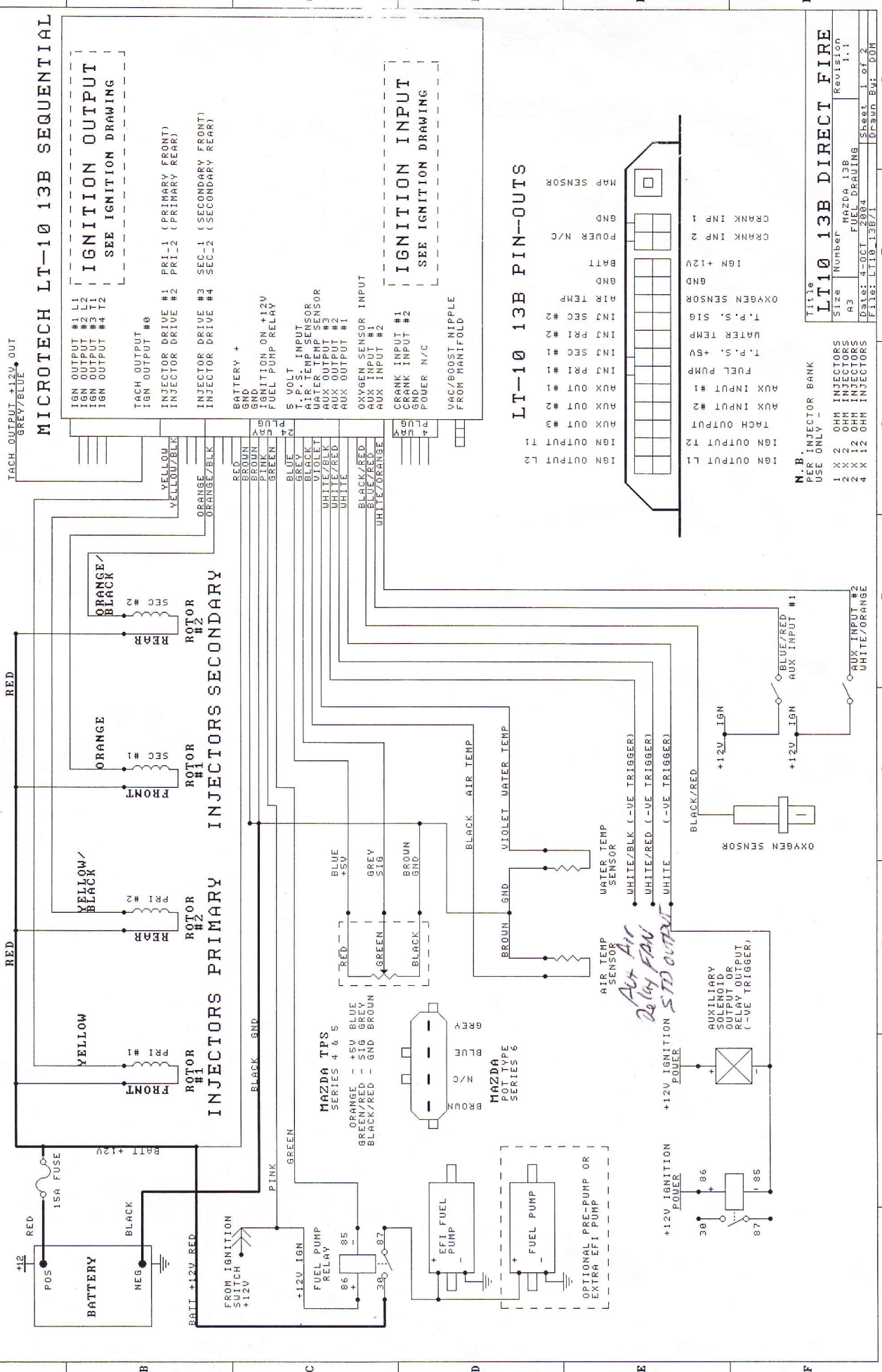
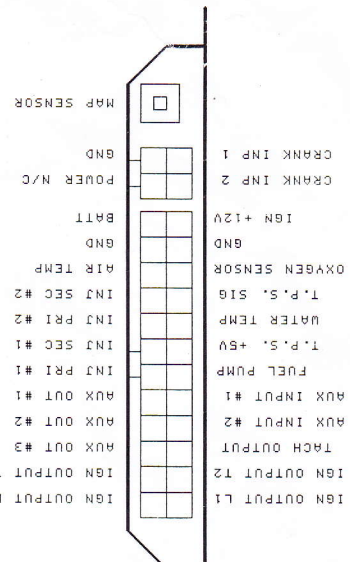


# MICROTECH LT-10+IGBT 13B SEQUENTIAL ENGINE MANAGEMENT SYSTEM



## LT-10 13B PIN-OUTS



**N.B. PER INJECTOR BANK USE ONLY -**

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

**File: LT10-13B/1**

**LT10 13B DIRECT FIRE**

Title	LT10 13B DIRECT FIRE
Size	Number MAZDA 13B
A3	FUEL DRAWING
Date:	4-OCT-2004
Sheet	1 of 2
Drawn By:	DOH

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

IGNITION +12V

RED +12V

YELLOW

YELLOW/BLACK

YELLOW/BLACK

ORANGE

ORANGE/BLACK

THICK BLACK

GREY/BLACK

GREY/WHITE

GREY/BLACK

GREY/BLACK

GREY/BLACK

GREY/BLACK

GREY/BLACK

GREY/BLACK

GREY/BLACK

GREY/BLACK

GREY/BLACK

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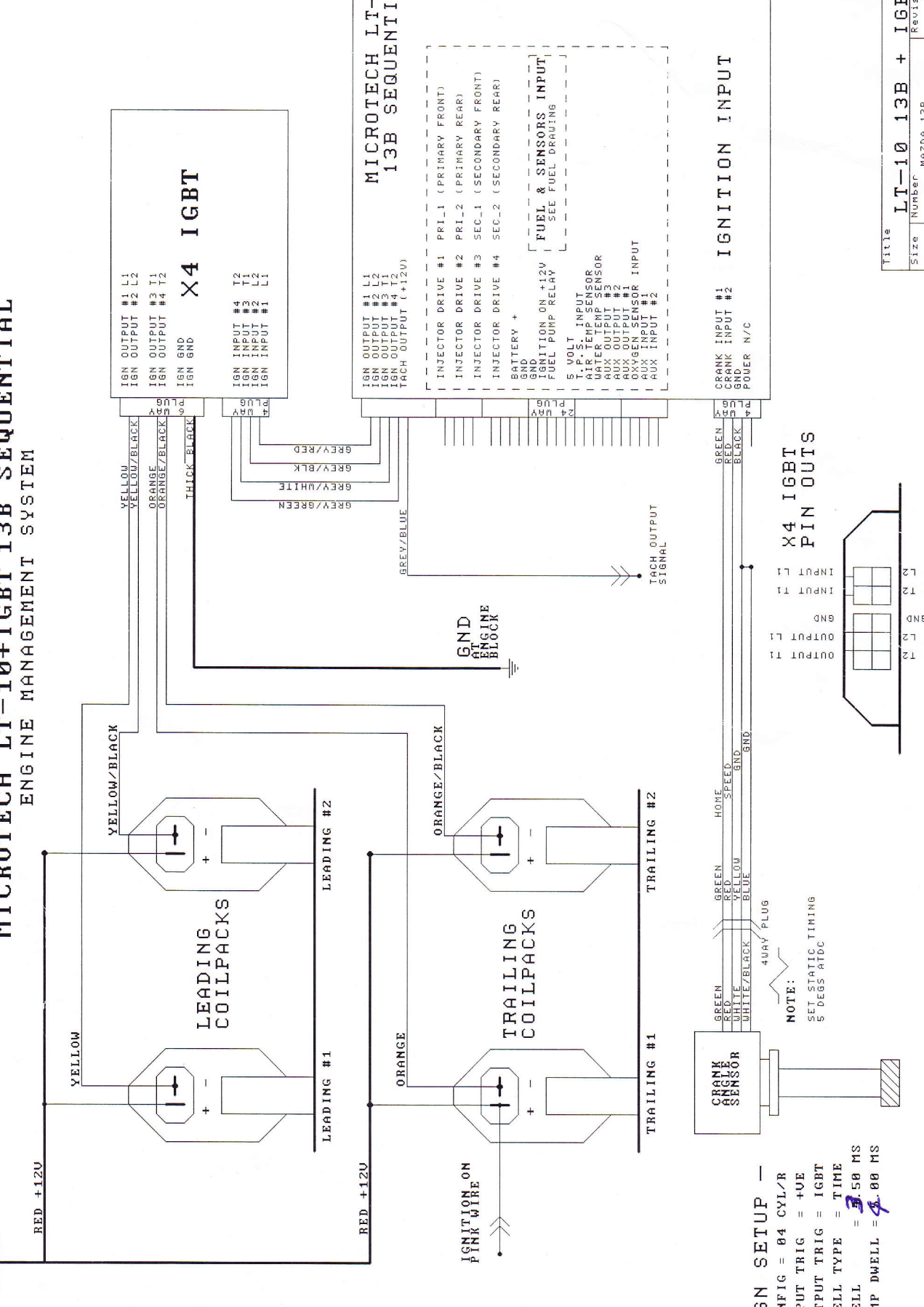
GREY/BLACK

GREY/BLACK

GREY/BLACK

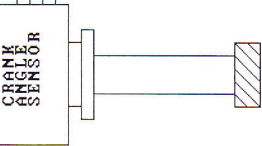
GREY/BLACK

GREY/BLACK

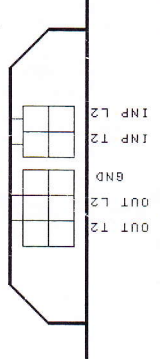


**IGN SETUP -**  
 CONFIG = 04 CYL/R  
 INPUT TRIG = +VE  
 OUTPUT TRIG = IGBT  
 DWELL TYPE = TIME  
 DWELL = 3.50 MS  
 PUMP DWELL = 4.00 MS

**NOTE:**  
 SET STATIC TIMING  
 5 DEGS AIDC



**X4 IGBT  
PIN OUTS**



**MICROTECH LT-10  
13B SEQUENTIAL**

**X4 IGBT**

- 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
- 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
- SEE FUEL DRAWING
- 5 VOLT INPUT
- WATER TEMP SENSOR
- AUX OUTPUT #3
- AUX OUTPUT #2
- AUX OUTPUT #1
- AUX INPUT #2
- AUX INPUT #1
- CRANK INPUT #1
- CRANK INPUT #2
- GND
- POWER N/C

Title		LT-10 13B + IGBT
Size	Number	Mazda 13B
A3	Revision	1.0
Date:	IGNITION DRAWING	4-OCT-2004
File:	LT10-13B/2	Sheet 2 of 2
	Drawn By:	DCM