

# MICROTECH MTX-8 13B SER-6 SEQUENTIAL ENGINE MANAGEMENT SYSTEM

IGNITION +12V

RED +12V

YELLOW

YELLOW/BLACK

YELLOW  
YELLOW/BLACK  
ORANGE  
ORANGE/BLACK  
BLUE/WHITE  
BROWN

GND  
AT  
ENGINE  
BLOCK

TACH OUTPUT  
SIGNAL

## MICROTECH MTX-8 13B SEQUENTIAL

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

### IGNITION OUTPUT

TACH OUTPUT (12V)  
IGN GND

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

### FUEL & SENSORS INPUT

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

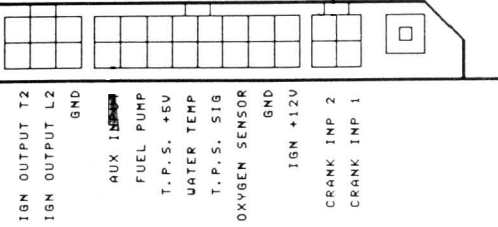
AUX OUTPUT  
OXYGEN SENSOR INPUT  
AUX INPUT

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

### IGNITION INPUT

## MTX-8 13B PIN-OUTS

IGN OUTPUT T1  
IGN OUTPUT L1  
TACH OUTPUT  
AUX OUTPUT  
INJ PRI #1  
INJ SEC #1  
INJ PRI #2  
INJ SEC #2  
AIR TEMP  
GND  
BATT  
POWER N/C  
GND  
MAP SENSOR

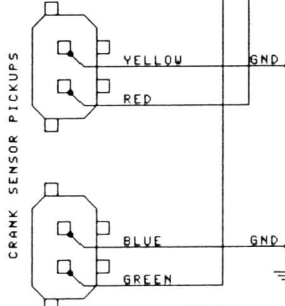


Title			
MTX8 13B DIRECT FIRE			
Size	Number	MAZDA 13B SER 6	Revision
A3	1599	IGNITION DRAWING	1.0
Date:	14-OCT-1999	Sheet	2 of 2
File:	MTX8 13B/5	Drawn By:	DOM

### IGN SETUP -

CONFIG = 04 CYL/R  
INPUT TRIG = +VE  
OUTPUT TRIG = -VE  
DWELL TYPE = TIME  
DWELL = 2.75 MS  
PUMP DWELL = 3.50 MS

TOP  
SPEED X 12  
WHITE PLUG



BOTTOM  
HOME X 1  
GREY PLUG

NOTE:  
MUST HAVE SERIES 6  
HT-B CRANK SOFTWARE