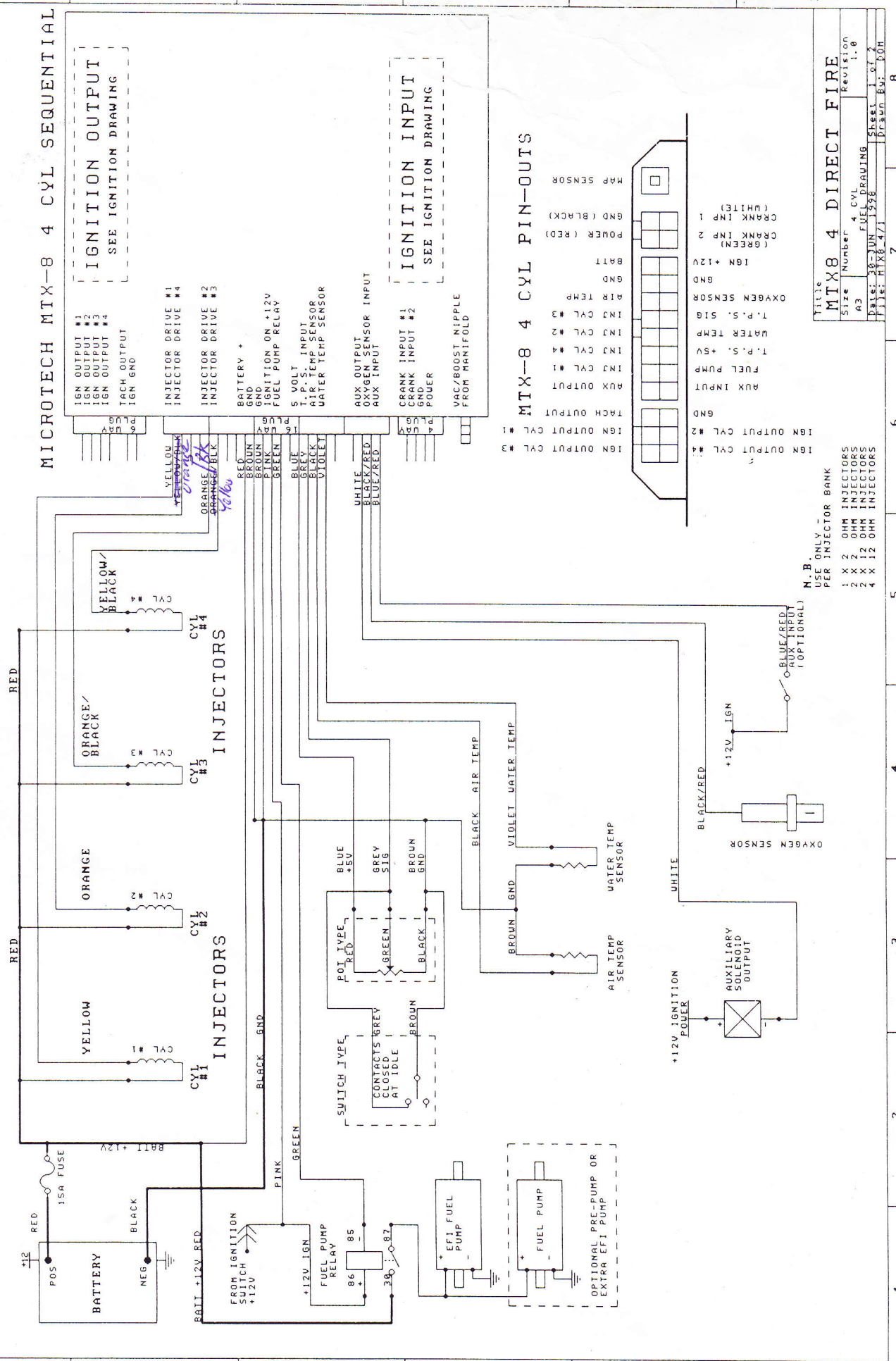


# MICROTECH MTX-8 4CYL SEQUENTIAL ENGINE MANAGEMENT SYSTEM



MICROTECH MTX-8 4 CYL SEQUENTIAL

IGN OUTPUT #1  
IGN OUTPUT #2  
IGN OUTPUT #3  
IGN OUTPUT #4  
TACH\_OUTPUT  
IGN GND

INJECTOR DRIVE #1  
INJECTOR DRIVE #2  
INJECTOR DRIVE #3

BATTERY +  
GND  
IGNITION ON +12V  
FUEL PUMP RELAY

5 VOLT INPUT  
AIR TEMP SENSOR  
WATER TEMP SENSOR

AUX OUTPUT  
OXYGEN SENSOR INPUT  
AUX INPUT

CRANK INPUT #1  
CRANK INPUT #2  
GND  
POWER

VAC/BOOST NIPPLE  
FROM MANIFOLD

MTX-8 4 CYL PIN-OUTS

MAP SENSOR	IGN +12V
GND (BLACK)	GND
POWER (RED)	OXYGEN SENSOR
BATT	T.P. 5. SIG
GND	WATER TEMP
AIR TEMP	T.P. 5. +5V
IN3 CYL #3	FUEL PUMP
IN1 CYL #2	AUX INPUT
IN2 CYL #4	GND
IN1 CYL #1	IGN OUTPUT CYL #1
AUX OUTPUT	IGN OUTPUT CYL #2
TACH OUTPUT	IGN OUTPUT CYL #4
IGN OUTPUT CYL #1	

IGNITION OUTPUT  
SEE IGNITION DRAWING

IGNITION INPUT  
SEE IGNITION DRAWING

TITLE	
MTX8 4 DIRECT FIRE	
Size	Number
A3	4 CYL
Date: 30-JUN-1992	Revision
File: MTX8 4/1	1.0
Sheet 1 of 2	Drawn By: JOM

N.B. ONLY PER INJECTOR BANK  
1 X 2 OHM INJECTORS  
2 X 2 OHM INJECTORS  
4 X 12 OHM INJECTORS

# MICROTECH MTX-8 4CYL SEQUENTIAL ENGINE MANAGEMENT SYSTEM

*Ax Carl Soko*

IGNITION +12V

RED +12V

YELLOW

*orange*  
YELLOW/BLACK

COILS  
1 & 4

CYL #4

RED +12V

*orange*  
YELLOW/BLK

COILS  
2 & 3

CYL #3

IGNITION ON  
PINK WIRE

ORANGE/BLACK

MICROTECH MTX-8 4 CYL SEQUENTIAL

IGNITION OUTPUT

IGN OUTPUT CYL #1  
IGN OUTPUT CYL #2  
IGN OUTPUT CYL #3  
TACH OUTPUT (12V)  
IGN GND

INJECTOR DRIVE #1  
INJECTOR DRIVE #2  
INJECTOR DRIVE #3  
INJECTOR DRIVE #4

BATTERY +  
IGNITION ON +12V  
FUEL PUMP RELAY  
5 VOLT INPUT  
AIR TEMP SENSOR  
WATER TEMP SENSOR  
SPARE

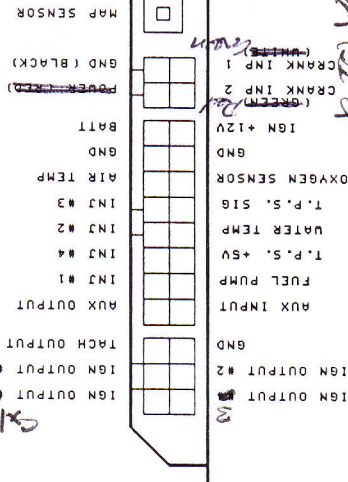
FUEL & SENSORS INPUT  
SEE FUEL DRAWING

AUX OUTPUT  
OXYGEN SENSOR INPUT  
AUX INPUT

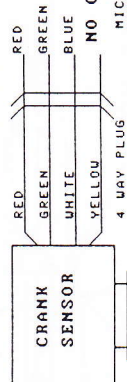
IGNITION INPUT

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

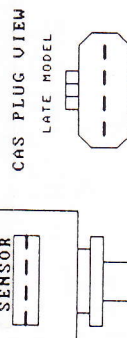
MTX-8 4 CYL PIN-OUTS



PINOUT TYPE #1



PINOUT TYPE #2



NOTE:  
10 DEGS BTDC  
SET STATIC TIMING  
YELLOW WIRE  
NOT CONNECTED

NOTE:  
10 DEGS BTDC  
SET STATIC TIMING  
YELLOW WIRE  
NOT CONNECTED

CRANK ANGLE SENSORS (C.A.S.)

IGN SETUP -  
CONFIG = 04 CYL/R  
INPUT TRIG = +VE  
OUTPUT TRIG = -VE

IGN SETUP -  
CONFIG = 04 CYL/R  
INPUT TRIG = +VE  
OUTPUT TRIG = -VE

FILE	MTX8 4 DIRECT FIRE
Size	Number 4
A3	Revision 1.0
DATE	30-JUN-1998
FILE	MTX8 4/2
	Sheet 2 of 2
	Drawn BY: DOH

*\*TO YOTA\**