

IGNITION +12V
RED +12V

MICROTECH MTX-8 4 CYL SEQUENTIAL ENGINE MANAGEMENT SYSTEM

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 +
- GND
- IGNITION ON +12V
- FUEL PUMP RELAY
- 5 VOLT INPUT
- AIR TEMP SENSOR
- WATER TEMP SENSOR
- SPARE
- AUX OUTPUT
- OXYGEN SENSOR INPUT
- AUX INPUT

FUEL & SENSORS INPUT
SEE FUEL DRAWING

TACH OUTPUT
SIGNAL

GND
ENGINE
BLOCK

- YELLOW
- YELLOW/BLACK
- ORANGE/BLACK
- BLUE/WHITE
- RED

RED +12V

YELLOW/BLACK

ORANGE/BLACK

YELLOW

COILS
1 & 4

CYL #1

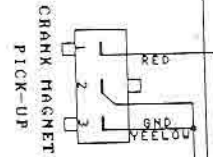
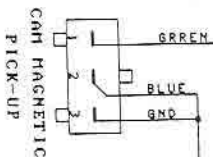
CYL #4

COILS
2 & 3

CYL #2

CYL #3

MAGNETIC SENSORS



NOTE:
CRANK MUST HAVE 4 X
TEETH LOCATED ABOUT
18 DEGS B18C

IGN SETUP -

- CONFIG = 84 CYL/R
- INPUT TRIG = +VE
- OUTPUT TRIG = -VE
- DWELL TYPE = TIME
- DWELL = 3.00 MS
- PUMP DWELL = 3.50 MS

MTX-8 4 CYL PIN-OUTS

- IGN OUTPUT #1
- IGN OUTPUT #2
- TACH OUTPUT
- AUX OUTPUT
- INJ #1
- INJ #2
- INJ #3
- AIR TEMP
- GND
- BATT
- POWER (RED)
- GND (BLACK)
- MAP SENSOR
- IGN OUTPUT #3
- IGN OUTPUT #4
- GND
- AUX INPUT
- FUEL PUMP
- T.P.S. +5V
- WATER TEMP
- T.P.S. SIG
- OXYGEN SENSOR
- GND
- IGN +12V
- (GREEN) CRANK IMP 2
- CRANK IMP 1 (WHITE)

REV	DATE	DESCRIPTION
1	29-01-98	ISSUE FOR PRODUCTION
2	07-02-98	REVISION 1.0
3	07-02-98	REVISION 1.0
4	07-02-98	REVISION 1.0
5	07-02-98	REVISION 1.0
6	07-02-98	REVISION 1.0
7	07-02-98	REVISION 1.0
8	07-02-98	REVISION 1.0

MTX-8 4 DIRECT FIRE
MAGNETIC PICKUP
IGNITION DRAWING
REV. NO. 8