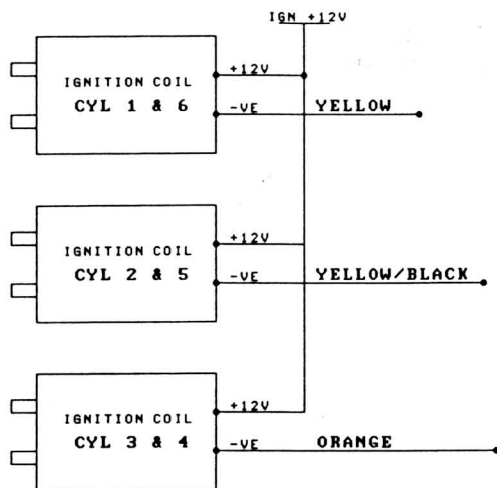


MICROTECH MTX-8 SEQUENTIAL ENGINE MANAGEMENT SYSTEM

IGNITION DRAWING

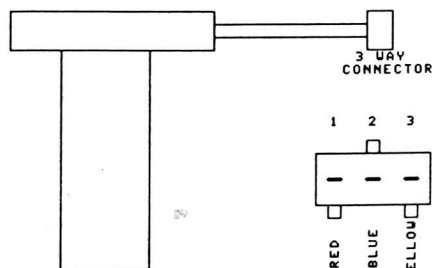
6 CYL TWIN COILS



IGN SETUP - 6 CYL

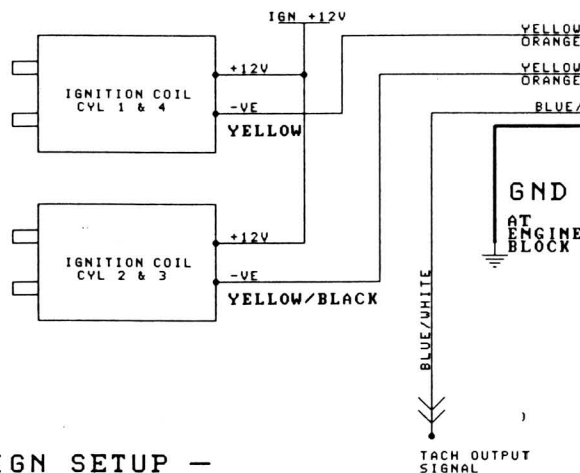
CONFIG = 86 CYL/R
TEETH CAS = 20
TDC REF CAS = 10 * SEE NOTE
DWELL TYPE = TIME
DWELL = 2.75 MS
PUMP DWELL = 3.50 MS

BOSCH MAGNETIC SENSOR
(CRANK PICKUP)



3 WAY CONNECTOR
HOOK UP

4 CYL COIL PACKS



IGN SETUP -

CONFIG = 84 CYL/R
TEETH CAS = 30 (HALF FLYWHEEL TEETH)
TDC REF CAS = 10 * SEE NOTE
DWELL TYPE = TIME
DWELL = 2.75 MS
PUMP DWELL = 3.50 MS

* NOTE

YOU MAY HAVE TO
ADJUST TDC REF CAS
TO GET STATIC 10 DEG (APPROX)
WITH TIMING CHECK ON

TO - SENSOR

RED SPEED
BLUE GND
YELLOW GND

IGNITION OUTPUT

IGN OUTPUT #1
IGN OUTPUT #4
IGN OUTPUT #2
IGN OUTPUT #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

FUEL & SENSORS INPUT

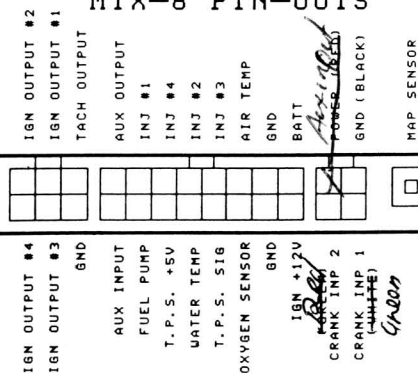
5 VOLT
T.P.S. INPUT
AIR TEMP SENSOR
WATER TEMP SENSOR
SPARE

AUX OUTPUT
OXYGEN SENSOR INPUT
AUX INPUT

CRANK INPUT #1 (HOME)
CRANK INPUT #2 (SPEED)
GND
GND

IGNITION INPUT

MTX-8 PIN-OUTS



Title			
MTX8 4&6 DIRECT FIRE			
Size	Number	Revision	
A3	BOSCH MAGNETIC FLYWHEEL PICKUP	2.0	
Date: 9-JUN-2000	File: MTX8 4/6		Sheet 2 of 2 Drawn By: DOM

MICROTECH MTX-8
4&6 CYL SEQUENTIAL