

MICROTECH LT-8 +IGBT 4 CYL SEQUENTIAL ENGINE MANAGEMENT SYSTEM

IGNITION +12V

RED +12V

YELLOW

YELLOW/BLACK

YELLOW
YELLOW/BLACK
ORANGE/BLACK
ORANGE

IGN OUTPUT #1
IGN OUTPUT #2
IGN OUTPUT #3
IGN OUTPUT #4

IGN GND
IGN GND

X4 IGBT

COILPACKS

CYL #1

CYL #3

RED +12V

ORANGE/BLACK

ORANGE

IGNITION ON PINK WIRE

COILPACKS

CYL #4

CYL #2

IGN SETUP -

CONFIG = 04 CYL/R

OUTPUT TRIG = -VE
DUELL TYPE = TIME
DUELL = 4.50 MS
PUMP DUELL = 5.00 MS

4 COIL SETUP

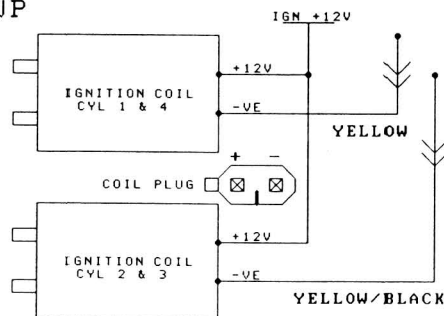
TWIN OUTLET SETUP

IGN SETUP -

CONFIG = 04 CYL/R

OUTPUT TRIG = TWIN
DUELL TYPE = TIME
DUELL = 4.00 MS
PUMP DUELL = 4.50 MS

NOTE- SOFTWARE MAY
NEED UPGRADE
FOR TWIN COILS



GND
AT
ENGINE
BLOCK

TACH OUTPUT
SIGNAL

MICROTECH LT-8
SEQUENTIAL

IGN OUTPUT #1
IGN OUTPUT #2
IGN OUTPUT #3
IGN OUTPUT #4
TACH OUTPUT (+12V)
AUX OUTPUT #2

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
SEE FUEL DRAWING

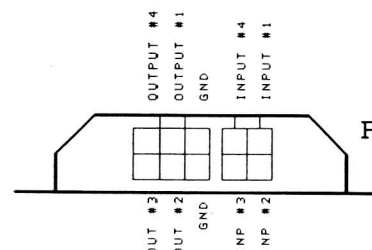
5 VOLT
T.P.S. INPUT
AIR TEMP SENSOR
WATER TEMP SENSOR
SPARE

AUX OUTPUT
OXYGEN SENSOR INPUT
AUX INPUT

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

IGNITION INPUT

X4 IGBT
PIN OUTS



Title			
LT-8 X4 DIRECT FIRE			
Size	Number	4 CYL X4 IGBT	Revision
A3	IGNITION DRAWING		1.0
Date: 4-OCT 2004	Sheet	2 of 2	
File: LTX8 4/2	Drawn By:	DOM	