

(1,3,2,4)

MICROTECH LT-10+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

IGN INPUT #4
IGN INPUT #3
IGN INPUT #2
IGN INPUT #1

COILPACKS

CYL #1

CYL #3

RED +12V

ORANGE ~~BLK~~

ORANGE

IGNITION ON
PINK WIRE

COILPACKS

CYL #4

CYL #2

GND
AT
ENGINE
BLOCK

GREY/BLUE

TACH OUTPUT
SIGNAL

MICROTECH LT-10 SEQUENTIAL

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

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
AUX OUTPUT #3
AUX OUTPUT #2
AUX OUTPUT #1
OXYGEN SENSOR INPUT
AUX INPUT #1
AUX INPUT #2

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

IGNITION INPUT

IGN SETUP -

CONFIG = 04 CYL/R
OUTPUT TRIG = -VE
DUELL TYPE = TIME
DUELL = 3.50 MS
PUMP DUELL = 3.00 MS

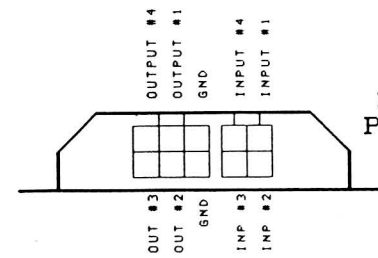
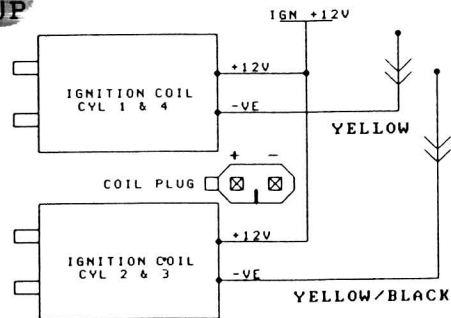
IGNITE SETUP

TWIN OUTLET SETUP

IGN SETUP -

CONFIG = 04 CYL/R
OUTPUT TRIG = TWIN
DUELL TYPE = TIME
DUELL = 3.00 MS
PUMP DUELL = 3.50 MS

NOTE- SOFTWARE MAY
NEED UPGRADE
FOR TWIN COILS



X4 IGBT
PIN OUTS

Title LT-10 X4 DIRECT FIRE		
Size A3	Number 4 CYL X4 IGBT IGNITION DRAWING	Revision 1.0
Date: 4-OCT-2004	File: LT10.4/2	Sheet 2 of 2 Drawn By: DOM

EJ-20V