

MICROTECH LT-10+IGBT 4 CYL SEQUENTIAL ENGINE MANAGEMENT SYSTEM

IGNITION +12V

RED +12V

YELLOW

YELLOW/BLACK

COILPACKS

CYL #1

CYL #3

RED +12V

ORANGE/BLACK

ORANGE

COILPACKS

CYL #4

CYL #2

IGNITION ON
PINK WIRE

IGN SETUP -

CONFIG = 04 CYL/R
OUTPUT TRIG = -VE
DUELL TYPE = TIME
DUELL = 4.50 MS
PUMP DUELL = 5.00 MS

4 COIL SETUP

IGNITION COIL

IGN +12V

IGNITION COIL
CYL 1 & 4

+12V

-VE

YELLOW

COIL PLUG

+12V

-VE

YELLOW/BLACK

IGNITION COIL
CYL 2 & 3

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

YELLOW
YELLOW/BLACK
ORANGE/BLACK
ORANGE

THICK BLACK

GREY/WHITE
GREY/GREEN
GREY/BLK
GREY/RED

GREY/BLUE

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

IGN GND
IGN GND

X4 IGBT

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

MICROTECH LT-10
SEQUENTIAL

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

X4 IGBT
PIN OUTS

OUTPUT #4
OUTPUT #1
GND
INPUT #4
INPUT #1

OUT #3
OUT #2
GND
INP #3
INP #2

Title		
LT-10 X4 DIRECT FIRE		
Size	Number	Revision
A3	4 CYL X4 IGBT IGNITION DRAWING	1.0
Date: 4-OCT 2004	Sheet 2 of 2	Drawn By: DOM
File: LT10_4/2		