

MICROTECH LT-10+IGBT 8 CYL SEQUENTIAL ENGINE MANAGEMENT SYSTEM

IGNITION +12V

RED +12V

YELLOW

YELLOW/BLACK

YELLOW
YELLOW/BLACK
ORANGE/BLACK
ORANGE

THICK BLACK

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

Fire #1

Hook up
FIRPS
Order

Fire #2

CYL #1 & ?
Group A

CYL #3
Group B

RED +12V

ORANGE/BLACK

ORANGE

IGNITION ON
PINK WIRE

COILPACKS

Fire #4

Fire #3

IGN SETUP -

CONFIG = 84 CYL/R

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

TWIN
4 COIL SETUP

Group D

Group C

TWIN OUTLET SETUP

IGN +12V

IGNITION COIL
CYL 1 & 4

+12V

-VE

YELLOW

COIL PLUG

+12V

-VE

YELLOW/BLACK

IGNITION COIL
CYL 2 & 3

IGN SETUP -

CONFIG = 84 CYL/R

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

NOTE- SOFTWARE MAY
NEED UPGRADE
FOR TWIN COILS

GND
AT
ENGINE
BLOCK

GREY/BLUE

TACH OUTPUT
SIGNAL

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

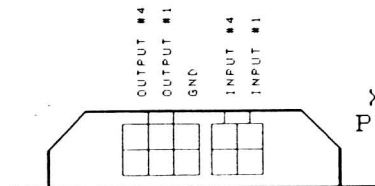
FUEL & SENSORS INPUT
SEE FUEL DRAWING

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



S/F
Missing tooth

Title			
LT-10 X4 DIRECT FIRE			
Size	Number	Revision	
43	8	1.0	
IGNITION DRAWING			
Date: 4-001	2004	Sheet 2 of 2	
File: LT10_472		Drawn By: BOM	