

# MICROTECH MTX-8 4CYL SEQUENTIAL ENGINE MANAGEMENT SYSTEM

**MICROTECH MTX-8 4 CYL SEQUENTIAL**

**IGNITION OUTPUT - SEE IGNITION DRAWING**

IGN OUTPUT #1  
IGN OUTPUT #2  
IGN OUTPUT #3  
IGN OUTPUT #4  
TACH OUTPUT  
IGN GND

INJECTOR DRIVE #1  
INJECTOR DRIVE #2  
INJECTOR DRIVE #3  
INJECTOR DRIVE #4

BATTERY +  
GND  
IGNITION ON +12V  
FUEL PUMP RELAY  
5 VOLT INPUT  
1.8 SCMP SENSOR  
WATER TEMP SENSOR

AUX OUTPUT  
OXYGEN SENSOR INPUT  
AUX INPUT

CRANK INPUT #1  
CRANK INPUT #2  
GND  
POWER

VAC/BOOST NIPPLE FROM MANIFOLD

**MTX-8 4 CYL PIN-OUTS**

IGN OUTPUT CYL #1  
IGN OUTPUT CYL #2  
IGN OUTPUT CYL #3  
IGN OUTPUT CYL #4  
TACH OUTPUT  
AUX OUTPUT  
FUEL PUMP  
WATER TEMP  
OXYGEN SENSOR  
IGN +12V  
GND  
POWER (RED)  
GND (BLACK)  
MAP SENSOR

**INJECTORS**

CYL #1  
CYL #2  
CYL #3  
CYL #4

YELLOW  
ORANGE  
ORANGE/BLACK  
YELLOW/BLACK

**SENSORS**

AIR TEMP SENSOR  
WATER TEMP SENSOR  
OXYGEN SENSOR

**WIRING**

BATTERY +12V  
15A FUSE  
IGNITION SWITCH  
FUEL PUMP RELAY  
EFI FUEL PUMP  
FUEL PUMP  
OPTIONAL PRE-PUMP OR EXTRA EFI PUMP  
AUXILIARY SOLENOID OUTPUT  
+12V IGNITION POWER

MTX-8 4 DIRECT FIRE			
Size	Number	4 CYL	Revision
A3	1	FULL DRAWING	1.0
DATE	30 JUN 1978	SHEET	1 OF 2
FILE	MTX8 4/1	DRAWN BY	DOH

IGNITION OUTPUT  
SEE IGNITION DRAWING

IGNITION INPUT  
SEE IGNITION DRAWING

MTX-8 4 CYL PIN-OUTS

MTX8 4 DIRECT FIRE

Size	Number	Revision
	4 CYL	1.0

H3	FUEL DRAWING	
Date: 30-JUN-1998	Sheet	1 of 2

U.S. AIR FORCE	7	8
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