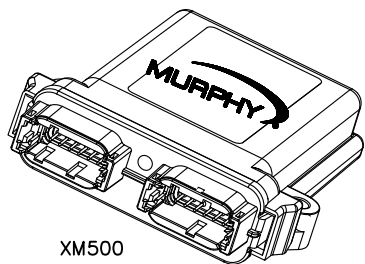
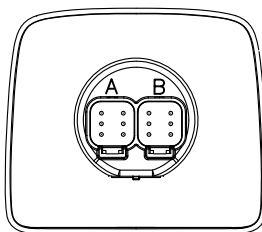
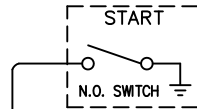


TYPICAL APPLICATION DRAWING FOR 78-70-0420 XM500

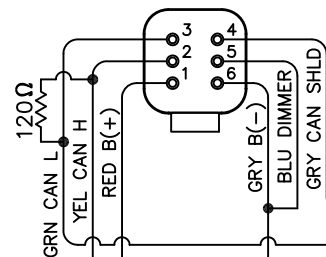
(SEE DWG 78-27-2830 FOR ADDITIONAL INFORMATION)



LOW HYDRAULIC OIL PRESSURE. N.O.



PV101
PLUG A



TRANSMISSION OIL TEMPERATURE
MURPHY ES2T-250/300

FUEL LEVEL SENDER
MURPHY ES2F

AUXILIARY TEMPERATURE SENDER
MURPHY ES2T-250/300

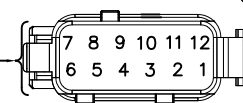
TRANSMISSION OIL PRESSURE SENDER
MURPHY ES2PMK-400

ENGINE OIL PRESSURE SENDER
MURPHY ES2P-100

DESCRIPTION	PIN
DI2	1
DI3	2
AI6+	3
AI4+	4
AI2+	5
TC1-	6
TC1+	7
AI1+	8
AI3+	9
AI5+	10
AI7+	11
DI1	12

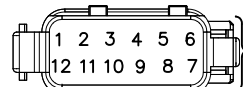
DEUTSCH PIN 0462-201-20141

XM500 HARNESS CONNECTOR
DEUTSCH DTM06-12SA (GREY)



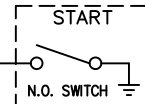
WIRE INSERTION VIEW

XM500 HARNESS CONNECTOR
DEUTSCH DTM06-12SB (BLACK)



PIN	DESCRIPTION
1	DO1
2	485-
3	485+
4	CANH
5	CANL
6	BAT+
7	BAT-
8	BTLDR
9	NC
10	DI4
11	DO2
12	MPU+

LOW ENGINE COOLANT
LEVEL N.O.



ENGINE COOLANT SENDER
MURPHY ES2T-250/300

AUXILIARY PRESSURE SENDER
MURPHY ES2PMK-400

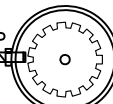
BATTERY

ALARM/LAMP



ALARM N.O. RELAY

151 PULSES/REV
MAGNETIC PICKUP



RING GEAR

NOTES:

1. TWISTED WIRES OR SHIELDED CABLE. APPROXIMATELY ONE TWIST PER INCH.
2. ALL SENDERS MUST BE GROUNDED TO A COMMON BATTERY GROUND.
3. SENDERS CAN BE RESISTIVE, 4-20mA, 0-5V.

REV.	CHANGES MADE		
	MURPHY		
DRAWN BY:	AU	E.R.NO.	IPD
DATE:	3/16/12	CHKD. BY:	AU APPD. BY: AU
MODEL:	TYPICAL APPLICATION		
DRAWING NO.	DRAWING F/78-70-0420 XM500		
00-02-0821	SIZE	C	REV. A