External Wiring Harnesses Continuity Test Reports

Meyer Tool & Mfg., Inc.
4601 SOUTHWEST HWY., OAK LAWN, ILLINOIS 60453
708 / 425-9080
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CONTINUITY TESTING
MTM-MP-1020

Function Designator, Tag or Description		Resistance ohms	Assembly Step	By Date	
LBX CERAMASEAL	MBX2		AFTER POTTING	WJ GK	8-4-04
M-1	EE 111	.6			
M-2	EE 131	.6			
M-3	EE 151	.6			
M-4	EH 831 *	.6			
M-5	EE 112	.6			
M-6	EE 132	.6			
M-7	EE 152	.7			
N-1	EH831 -	.7			
N-2	EH 832 +	.7			
N-3	EH832 -	.7			
N-4	YT 111 +	.7			
N-5	YT 111 -	.3			
N-6	YT 112 +	.4			
N-7	YT112 -	.4			

Multimeter Make and MTM Serial Number: FLUKE 85
47900002

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Function Designator, Tag or Description			Resistance ohms	Assembly Step	By Date
LBX 19PIN CONNECTOR		MBX2		AFTER POTTING	
1	BLACK	TT831 V+	1.3		
2	RED	TT831 V-	1.3		
3	GOLD	TT831 I+	1.3		
4	GREEN	TT831 I-	1.3		
5	BLACK	TT832 V+	1.3		
6	RED	TT832 V-	1.3		
7	GOLD	TT832 I+	1.3		
8	GREEN	TT832 I-	1.3		

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CONTINUITY TESTING
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"BOX G" MAIN MAGNET VOLTAGE TAPS EXTERNAL WIRING

Function Designator, Tag or Description		Resistance ohms	Assembly Step	By Date
EXTERNAL WIRING OF MAIN MAGNET VOLTAGE TAPS			AFTER PLUGING WIRING IN CONNECTOR	AN DJC 12/3/04
P40 HARTING 10 PIN CONNECTOR	SPARK PLUG WIRE END			
1 TO	A-3	.2Ω		
2 TO	A-4	.2Ω		
3 TO	B-6	.2Ω		
4 TO	C-6	.2Ω		
5 TO	D-3	.2Ω		
6 TO	D-4	.2Ω		
HARTING 18 PIN CONNECTOR D40	SPARK PLUG WIRE ENDS			
1	A-1	.3Ω		
2	A-2	.3Ω		
3	A-5	.3Ω		
4	B-4	.3Ω		

Multimeter Make and MTM Serial Number: FLUKE 85 MULTIMETER 479 00002

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BOX "G" MAIN MAGNET VOLTAGE TAPS EXTERNAL WIRING

Function Designator, Tag or Description		Resistance ohms	Assembly Step	By Date
HARTING 18 PIN CONNECTOR D-40	SPARK PLUG WIRE ENDS		AFTER PLUGING WIRING IN CONNECTOR	G.H. D.J.C 12/30/
5	B-3	.3Ω		
6	B-2	.2Ω		
7	B-1	.2Ω		
8	A-6	.2Ω		
9	B-5	.1Ω		
10	D-1	.1Ω		
11	D-2	.1Ω		
12	C-3	.1Ω		
13	C-2	.1Ω		
14	C-1	.1Ω		
15	C-5	.2Ω		
16	C-4	.1Ω		
17	D-5	.1Ω		
18	D-6	.1Ω		

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CONTINUITY TESTING
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WIRING

BOX "G" CORRECTOR MAGNET VOLTAGE TAPS EXTERNAL

Function Designator, Tag or Description		Resistance ohms	Assembly Step	By Date
HARTING 18PIN (D41) CONNECTOR	SPARK PLUG WIRE ENDS		AFTER PLUGING WIRING IN CONNECTOR	DJC 12/30/0
1	E-2	.2Ω		
2	E-1	.2Ω		
3	E-4	.3Ω		
4	E-3	.2Ω		
5	E-6	.1Ω		
6	E-5	.1Ω		
7	F-1	.1Ω		
8	F-3	.1Ω		
9	F-2	.1Ω		
10	F-5	.1Ω		
11	F-4	.2Ω		
12	F-6	.1Ω		

Multimeter Make and MTM Serial Number: FLUKE 85 MULTIMETER 47900002

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CONTINUITY TESTING
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BOX "G" WARM-UP HEATERS EXTERNAL WIRING

Function Designator, Tag or Description			Resistance ohms	Assembly Step	By Date
BURNDY CERN		SPARK		AFTER PLUGING WIRING IN	
16 PIN (C41)		PLUG WIRE		CONNECTOR	
CONNTECOR		ENDS			
1	TO	I-5	.3Ω		G.K.D JC 12/30/00
2	TO	I-6	.2Ω		
3	TO	J-1	.3Ω		
4	TO	J-2	.3Ω		
5	TO	J-3	.3Ω		
6	TO	J-4	.3Ω		
7	TO	J-5	.2Ω		
8	TO	J-6	.3Ω		
9	TO	K-1	.2Ω		
10	TO	K-2	.2Ω		
11	TO	K-3	.2Ω		
12	TO	K-4	.2Ω		
13	TO	K-5	.2Ω		

Multimeter Make and MTM Serial Number: FLUKE 85 MULTIMETER MTM 47900002

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BOX "G" WARM UP HEATERS EXTERNAL WIRING

Function Designator, Tag or Description		Resistance ohms	Assembly Step	By Date
BURNOY CERN 16 PIN CONNECTOR	SPARK PLUG WIRE ENDS		AFTER PLUGING WIRING IN CONNECTOR	D.J. D.K. 12/30/04
14	K-6	.2Ω		
15	L-1	.2Ω		
16	L-2	.2Ω		

Multimeter Make and MTM Serial Number: FLUKE 85 4790002

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BOX "G" LBX LINE EXTERNAL WIRING

Function Designator, Tag or Description		Resistance ohms	Assembly Step	By Date
P30 CONNECTOR	SPARK PLUG WIRE END			DAC 12/30/04
WIRE END				
P30 #1	TO m-2	.5 Ω		
P30 #2	TO m-6	.5 Ω		
D35 CONNECTOR	SPARK PLUG			
WIRE END	WIRE END			
D35 #1	TO m-1	.4 Ω		
D35 #2	TO m-3	.4 Ω		
D35 #3	TO m-5	.4 Ω		
D35 #5	TO m-7	.4 Ω		
C31 WIRE	SPARK PLUG			
END	WIRE END			
C31 #1	m-4	.4 Ω		
C31 #2	N-1	.5 Ω		
C31 #3	N-2	.3 Ω		
C31 #4	N-3	.38 Ω		

Multimeter Make and MTM Serial Number: FLUKE 85
MTM 4790002

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BOX "G" LBX LINE EXTERNAL WIRING

Function Designator, Tag or Description		Resistance ohms	Assembly Step	By Date
P31 WIRE END	SPARK PLUG WIRE END			M.K 12.29.04
P31 #1	TO N-4	.4 Ω		M.K 12/29/04
P31 #2	TO N-5	.3 Ω		M.K 12/29/04
P31 #3	TO N-6	.4 Ω		M.K 12/29/04
P31 #4	TO N-7	.3 Ω		M.K 12/29/04

Multimeter Make and MTM Serial Number: FLUKE 85
MTM # 47900002

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BOX "G" EXTERNAL WIRING OF QUENCH HEATERS

Function Designator, Tag or Description	Resistance ohms	Assembly Step	By Date
EXTERNAL WIRING QUENCH PROTECTION HEATER LINES		AFTER PLUGING THEM IN AT CONNECTOR	DM DJC 12/30/04
P41 SPARK PLUG WIRE END			
1 TO G-1	.3Ω		
2 TO G-2	.3Ω		
3 TO G-3	.2Ω		
4 TO G-4	.2Ω		
P42 SPARK PLUG WIRE END			
1 TO G-5	.3Ω		
2 TO G-6	.2Ω		
3 TO H-1	.2Ω		
4 TO H-2	.2Ω		
P43 SPARK PLUG WIRE END			
1 TO H-3	.2Ω		
2 TO H-4	.2Ω		
3 TO H-5	.2Ω		

Multimeter Make and MTM Serial Number: FLUKE 85
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BOX "G" EXTERNAL WIRING OF QUENCH HEATERS

Function Designator, Tag or Description	Resistance ohms	Assembly Step	By Date
P43		AFTER PLUGGING THEM.	D.K. DJC 12/30/04
4 TO H-6	.2Ω		
P44			
1 TO I1	.2Ω		
2 TO I2	.2Ω		
3 TO I3	.2Ω		
4 TO I4	.2Ω		

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