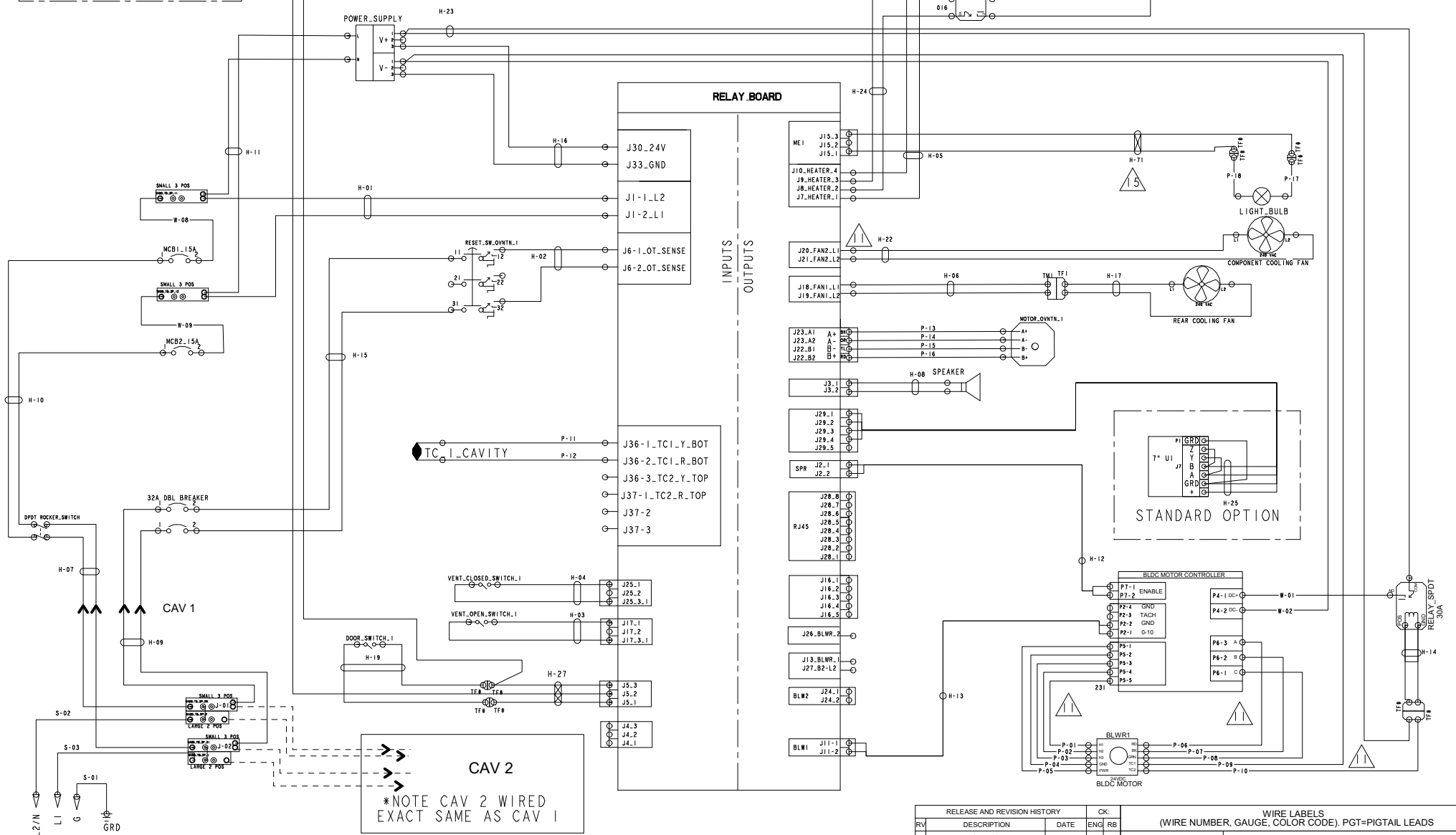


CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY CORD LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL
J	TERMINAL BLOCK JUMPER



MODEL DESIGNATION & ELECTRICAL RATINGS						
MODEL	VOLTS	AMPERES	HZ	PHASE	APPROVAL	PLUG
MIL02-16	208-240	44/49	60	1	UL	NEMA 5-50
MIL02-16	230	47	50	1	TBD	IEC 60320-22-PF6 63A

RELEASE AND REVISION HISTORY				CK:				WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS			
RV	DESCRIPTION	DATE	ENG	RB	UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES	HATCO CORP., MILWAUKEE, WI				DESCRIPTION	
1	RELEASED ECO.#02803	5-16-17	NJM	WJM		OVENTION SCHEMATIC, MIL02-16-G2		PART NUMBER		DRAWING NUMBER	
11	REMOVED BLOWER EXT. ECO.#410119	7-8-21	TJD	WJS		10-01-1365		REV		16	
12	BREAKER WAS GFCI, 1149 WAS 6550699	-	-	-		SCALE: N/A		PROJ: 737702		SHEET 1 OF 2	
-	FIX HEATER WIRES, REM (2) 016, ECO.#41183	9-16-21	TJD	WJS		THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.		Released			
13	FIX MISC ISSUES, ECO.#41790	11-30-21	NJM	WJS							
14	ADD IOT, ECO#44985	3-13-23	TJD	WJM							
15	REMOVE LIGHT RELAY, ECO.#49024	9-30-23	AJG	WJM							
16	CHANGE H-08 ECO.#50697	1-19-24	AJG	WJM							

CODE	DESCRIPTION
H	CABLE/HARNESS ASSEMBLY - MULTIPLE CONDUCTORS PRE FABRICATED
W	SINGLE WIRE - PRE FABRICATED
S	SUPPLY (CORD) LEAD
M	SINGLE WIRE - MANUALLY CUT/STRIPPED/TERMINATED
P	PIGTAIL
J	TERMINAL BLOCK JUMPER

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
H-01-1	BLACK	18	WAGO_TB_3P_12	3	RELAY_BOARD	J1-2_L1
H-01-2	WHITE	18	WAGO_TB_3P_11	3	RELAY_BOARD	J1-1_L2
H-02-1	BLACK	14	RESET_SW_OVNTN_1	32	RELAY_BOARD	J6-2_OT_SENSE
H-02-2	BLUE	14	RESET_SW_OVNTN_1	12	RELAY_BOARD	J6-1_OT_SENSE
H-03-1	YELLOW	22	VENT_OPEN_SWITCH_1	Port_1_1	RELAY_BOARD	J17_3_1
H-03-2	WHITE	22	VENT_OPEN_SWITCH_1	Port_1_1	RELAY_BOARD	J25_1
H-04-1	ORANGE	22	VENT_CLOSED_SWITCH_1	Port_1_1	RELAY_BOARD	J25_3_1
H-04-2	WHITE	22	VENT_CLOSED_SWITCH_1	Port_1_1	RELAY_BOARD	J25_3_1
H-05-1	BLACK	14	RELAY_BOARD	J10_HEATER_4	RELAY_DPST_5	2
H-05-2	BLUE	14	RELAY_BOARD	J7_HEATER_1	RELAY_DPST_5	2
H-06-1	BLACK	22	RELAY_BOARD	J18_FAN1_L1	INLINE_CONNECTORS_1	Port_1_1
H-06-2	WHITE	22	RELAY_BOARD	J19_FAN1_L2	INLINE_CONNECTORS_1	2/2M
H-07-1	WHITE	18	WAGO_TB_3P_20	1	ROCKER_SWITCH_1	Port_1_1
H-07-2	BLACK	18	WAGO_TB_3P_21	1	ROCKER_SWITCH_1	Port_1_1
H-08-1	BLUE	22	RELAY_BOARD	J3_1	SPEAKER	2
H-08-2	BROWN	22	RELAY_BOARD	J3_2	SPEAKER	1
H-09-1	BLACK	14	WAGO_TB_3P_21	2	MCB2_15A_2	1
H-09-2	BLUE	14	WAGO_TB_3P_20	2	MCB2_15A_1	1
H-10-1	WHITE	18	ROCKER_SWITCH_1	Port_1_2	MCB1_15A	1
H-10-2	BLACK	18	ROCKER_SWITCH_1	Port_1_3	MCB2_15A	1
H-11-1	BLACK	18	WAGO_TB_3P_12	2	CONVERTER_1	L
H-11-2	WHITE	18	WAGO_TB_3P_11	2	CONVERTER_1	N
H-12-1	RED	22	RELAY_BOARD	J2_2	BLDC_CTRL_1	P7-2 BLDC CONT
H-12-2	BLACK	22	RELAY_BOARD	J2_1	BLDC_CTRL_1	P7-1 BLDC CONT
H-13-1	BLUE	22	RELAY_BOARD	J11-1	BLDC_CTRL_1	P2-1 BLDC CONT
H-13-2	VIOLET	22	RELAY_BOARD	J11-2	BLDC_CTRL_1	P2-2 BLDC CONT
H-14-1	RED	22	RELAY_SPDT_2	POS	INLINE_CONNECTORS_10	Port_1_2
H-14-2	BLACK	22	RELAY_SPDT_2	GND	INLINE_CONNECTORS_10	Port_1_3
H-14-3	WHITE	22	RELAY_SPDT_2	POS	RELAY_SPDT_2	GND
H-15-1	BLACK	14	MCB2_15A_2	2	RESET_SW_OVNTN_1	31
H-15-2	BLUE	14	MCB2_15A_1	2	RESET_SW_OVNTN_1	11
H-16-1	RED	22	CONVERTER_1	V+_3	RELAY_BOARD	J36_24V
H-16-2	BLACK	22	CONVERTER_1	V+_3	RELAY_BOARD	J35_GND
H-17-1	BLACK	22	INLINE_CONNECTORS_2	1/2F	FRONT_FAN	L1
H-17-2	WHITE	22	INLINE_CONNECTORS_2	2/2F	FRONT_FAN	L2
H-18-1	RED	22	RELAY_DPST_5	POS	INLINE_CONNECTORS_8	1/2F
H-18-2	BLACK	22	RELAY_DPST_5	GND	INLINE_CONNECTORS_8	2/2F
H-18-3	WHITE	22	RELAY_DPST_5	POS	RELAY_DPST_5	GND
H-19-1	BLUE	22	INLINE_CONNECTORS_13	1/1M	DOOR_SWITCH_1	Port_1_1
H-19-2	WHITE	22	DOOR_SWITCH_1	Port_1_1	INLINE_CONNECTORS_29	1/1M
H-22-1	BLACK	22	RELAY_BOARD	J20_FAN2_L1	REAR_FAN_LH	L1
H-22-2	WHITE	22	RELAY_BOARD	J21_FAN2_L2	REAR_FAN_LH	L2
H-23-1	RED	22	CONVERTER_1	V+_1	RELAY_SPDT_2	COM
H-23-2	RED	22	CONVERTER_1	V+_1	INLINE_CONNECTORS_14	Port_1_3
H-24-1	BLACK	14	RELAY_BOARD	J9_HEATER_3	RELAY_DPST_4	1A
H-24-2	BLUE	14	RELAY_BOARD	J8_HEATER_2	RELAY_DPST_4	2A
H-25-1	GRAY	22	RELAY_BOARD	J29_1	INTERFACE_0700_5005_1	J7_1
H-25-2	BROWN	22	RELAY_BOARD	J29_2	INTERFACE_0700_5005_1	J7_2
H-25-3	ORANGE	22	RELAY_BOARD	J29_4	INTERFACE_0700_5005_1	J7_4
H-25-4	YELLOW	22	RELAY_BOARD	J29_3	INTERFACE_0700_5005_1	J7_3
H-25-5	ORANGE	22	INTERFACE_0700_5005_1	J7_4	INTERFACE_0700_5005_1	J7_6
H-25-6	YELLOW	22	INTERFACE_0700_5005_1	J7_3	INTERFACE_0700_5005_1	J7_5
H-25-7	BLACK	22	INTERFACE_0700_5005_1	J7_2	INTERFACE_0700_5005_1	P1
H-27-1	WHITE	22	INLINE_CONNECTORS_28	1/1M	RELAY_BOARD	J5_1
H-27-2	RED	22	INLINE_CONNECTORS_38	Port_1_3	RELAY_BOARD	J5_2
H-27-3	BLUE	22	INLINE_CONNECTORS_12	1/1M	RELAY_BOARD	J5_3
H-27-4	WHITE	22	INLINE_CONNECTORS_38	Port_1_2	INLINE_CONNECTORS_12	1/1M
H-27-5	WHITE	22	INLINE_CONNECTORS_38	Port_1_2	RELAY_DPST_4	GND
H-27-6	RED	22	INLINE_CONNECTORS_38	Port_1_3	RELAY_DPST_4	POS
H-28-1	RED	22	NC		INTERFACE_0700_5005_3	J2_1
H-28-2	BLACK	22	NC		INTERFACE_0700_5005_3	J2_2
H-28-3	YELLOW	22	NC		INTERFACE_0700_5005_2	J7_4
H-28-4	BLUE	22	NC		INTERFACE_0700_5005_2	J7_3
H-28-5	YELLOW	22	INTERFACE_0700_5005_2	J7_6	INTERFACE_0700_5005_2	J7_4
H-28-6	BLUE	22	INTERFACE_0700_5005_2	J7_3	INTERFACE_0700_5005_2	J7_5
H-28-7	BLACK	22	INTERFACE_0700_5005_3	J2_2	INTERFACE_0700_5005_3	COM P1
H-71-1	BLACK	22	RELAY_BOARD	J15_3	INLINE_CONNECTORS_35	Port_1_5
H-71-2	RED	22	RELAY_BOARD	J15_1	INLINE_CONNECTORS_32	Port_1_5
J-01	GRAY	JUMPER	WAGO_TB_3P_20	4	WAGO_TB_2P_2	3
J-02	GRAY	JUMPER	WAGO_TB_3P_21	4	WAGO_TB_2P_1	3
P-01	BROWN	PGT	BLOWER_1	H1 BLDC MOTOR	BLDC_CTRL_1	P5-5 BLDC CONT
P-02	BLUE	PGT	BLOWER_1	H2 BLDC MOTOR	BLDC_CTRL_1	P5-4 BLDC CONT
P-03	ORANGE	PGT	BLOWER_1	H3 BLDC MOTOR	BLDC_CTRL_1	P5-3 BLDC CONT
P-04	GRAY	PGT	BLOWER_1	GND BLDC MOTOR	BLDC_CTRL_1	P5-2 BLDC CONT
P-05	YELLOW	PGT	BLOWER_1	PWR BLDC MOTOR	BLDC_CTRL_1	P5-1 BLDC CONT
P-06	RED	PGT	BLOWER_1	RD BLDC MOTOR	BLDC_CTRL_1	P6-3 BLDC CONT
P-07	BLACK	PGT	BLOWER_1	BK BLDC MOTOR	BLDC_CTRL_1	P6-2 BLDC CONT
P-08	VIOLET	PGT	BLOWER_1	GRN BLDC MOTOR	BLDC_CTRL_1	P6-1 BLDC CONT
P-09	WHITE	PGT	CONVERTER_1	V+_1	BLOWER_1	TC1 BLDC MOTOR
P-10	WHITE	PGT	INLINE_CONNECTORS_14	Port_1_2	BLOWER_1	TC2 BLDC MOTOR
P-11	YELLOW	PGT	TC_1_CAVITY	1	RELAY_BOARD	J36-1_TC1_Y_BOT
P-12	RED	PGT	TC_1_CAVITY	2	RELAY_BOARD	J36-2_TC1_R_BOT
P-13	BLACK	PGT	RELAY_BOARD	J23_A1	MOTOR_OVNTN_1	A1
P-14	ORANGE	PGT	RELAY_BOARD	J23_A2	MOTOR_OVNTN_1	A2
P-15	YELLOW	PGT	RELAY_BOARD	J22_B1	MOTOR_OVNTN_1	B1
P-16	RED	PGT	RELAY_BOARD	J22_B2	MOTOR_OVNTN_1	B2
P-17	WHITE	PGT	LIGHT_BULB_1	L2	INLINE_CONNECTORS_34	Port_1_5
P-18	WHITE	PGT	LIGHT_BULB_1	L1	INLINE_CONNECTORS_33	Port_1_5

ITEM	COLOR	AWG	FROM COMPONENT	FROM PORT	TO COMPONENT	TO PORT
S-01	GREEN	PGT	G		GROUND_1	GRD
S-02	WHITE	PGT	L2/N		WAGO_TB_2P_2	1
S-03	BLACK	PGT	L1		WAGO_TB_2P_1	1
W-01	RED	22	BLDC_CTRL_1	P4-1 BLDC CONT	RELAY_SPDT_2	NO
W-02	BLACK	22	CONVERTER_1	V+_1	BLDC_CTRL_1	P4-2 BLDC CONT
W-04	WHITE	14	HEATER-TOP	1	RELAY_DPST_4	1
W-05	WHITE	14	HEATER-BOTTOM	2	RELAY_DPST_4	2
W-06	BLACK	14	RELAY_DPST_5	1A	HEATER-TOP	1
W-07	BLACK	14	RELAY_DPST_5	2A	HEATER-BOTTOM	2
W-08	WHITE	12	MCB1_15A	2	WAGO_TB_3P_11	1
W-09	BLACK	12	MCB2_15A	2	WAGO_TB_3P_12	1
W-10	BLACK	26	INTERFACE_0700_5005_3	RJ45	NC	

NOTE: TOTAL BOM COUNT WILL BE DOUBLED
TO ACCOUNT FOR SECOND CAVITY

BILL OF MATERIALS

ITEM NUMBER	QTY
02.15.073.00	2
02.18.629.00	1
02.18.654.00	1
02.18.669.00	1
02.18.670.00	1
02.18.813.00	2
02.18.814.00	1
02.18.857.00	2
02.18.910.00	1
02.18.944.00	2
02.18.952.00	2
02.18.953.00	2
02.18.954.00	1
02.18.955.00	1
02.18.956.00	1
02.18.957.00	1
02.18.960.00	1
02.18.961.00	1
02.18.962.00	1
02.18.963.00	1
02.18.969.00	1
02.18.971.00	1
02.18.973.00	1
02.18.995.00	1
02.18.996.00	1
02.18.1149.00	1
02.18.1241.00	1
02.18.1305.00	2
02.18.1442.00	1
02.18.1482.00	1
CORD G	1
CORD L1	1
CORD L2	1

DIAGRAM KEY

CODE	ITEM NUMBER
H-01	02.18.971.00
H-02	02.18.857.00
H-03	02.18.955.00
H-04	02.18.956.00
H-05	02.18.1149.00
H-06	02.18.629.00
H-07	02.18.1305.00
H-08	02.18.814.00
H-09	02.18.813.00
H-10	02.18.1305.00
H-11	02.18.654.00
H-12	02.18.962.00
H-13	02.18.963.00
H-14	02.18.944.00
H-15	02.18.813.00
H-16	02.18.957.00
H-17	02.18.961.00
H-18	02.18.944.00
H-19	02.18.954.00
H-22	02.18.960.00
H-23	02.18.996.00
H-24	02.18.857.00
H-25	02.18.1241.00
H-27	02.18.973.00
H-28	02.18.1442.00
H-71	02.18.1482.00

DIAGRAM KEY

CODE	ITEM NUMBER
J-01	02.15.073.00
J-02	02.15.073.00
W-01	02.18.969.00
W-02	02.18.995.00
W-04	02.18.952.00
W-05	02.18.952.00
W-06	02.18.953.00
W-07	02.18.953.00
W-08	02.18.670.00
W-09	02.18.669.00
W-10	02.18.910.00

RELEASE AND REVISION HISTORY				CK:		WIRE LABELS (WIRE NUMBER, GAUGE, COLOR CODE). PGT=PIGTAIL LEADS				
REV	DESCRIPTION	DATE	ENG	RB		HATCO CORP., MILWAUKEE, WI				
1	RELEASED ECO #28293	5-16-17	NJM	WEM	UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES	HATCO CORP., MILWAUKEE, WI				
11	REMOVED BLOWER EXT. ECO #41019	7-8-21	TJD	WJS						
12	BREAKER WAS GFCI, 1149 WAS 665069					DESCRIPTION OVENTION SCHEMATIC, MILO2-16-G2				
	FIX HEATER WIRES, REM (2) 916, ECO #41183	9-16-21	TJD	WJS						
13	FIX MISC ISSUES, ECO #41790	11-30-21	NJM	WJS	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.	PART NUMBER N/A		DRAWING NUMBER 10-01-1365		REV 16
14	ADD IOT, ECO #44085	3-13-23	TJD	WEM						
15	REMOVE LIGHT RELAY, ECO #48924	9-20-23	AJG	WEM						
16	CHANGE H-06 ECO #50057	1-19-24	AJG	WEM						
Released						SCALE: N/A	PROJ: 737702		SHEET 2 OF 2	