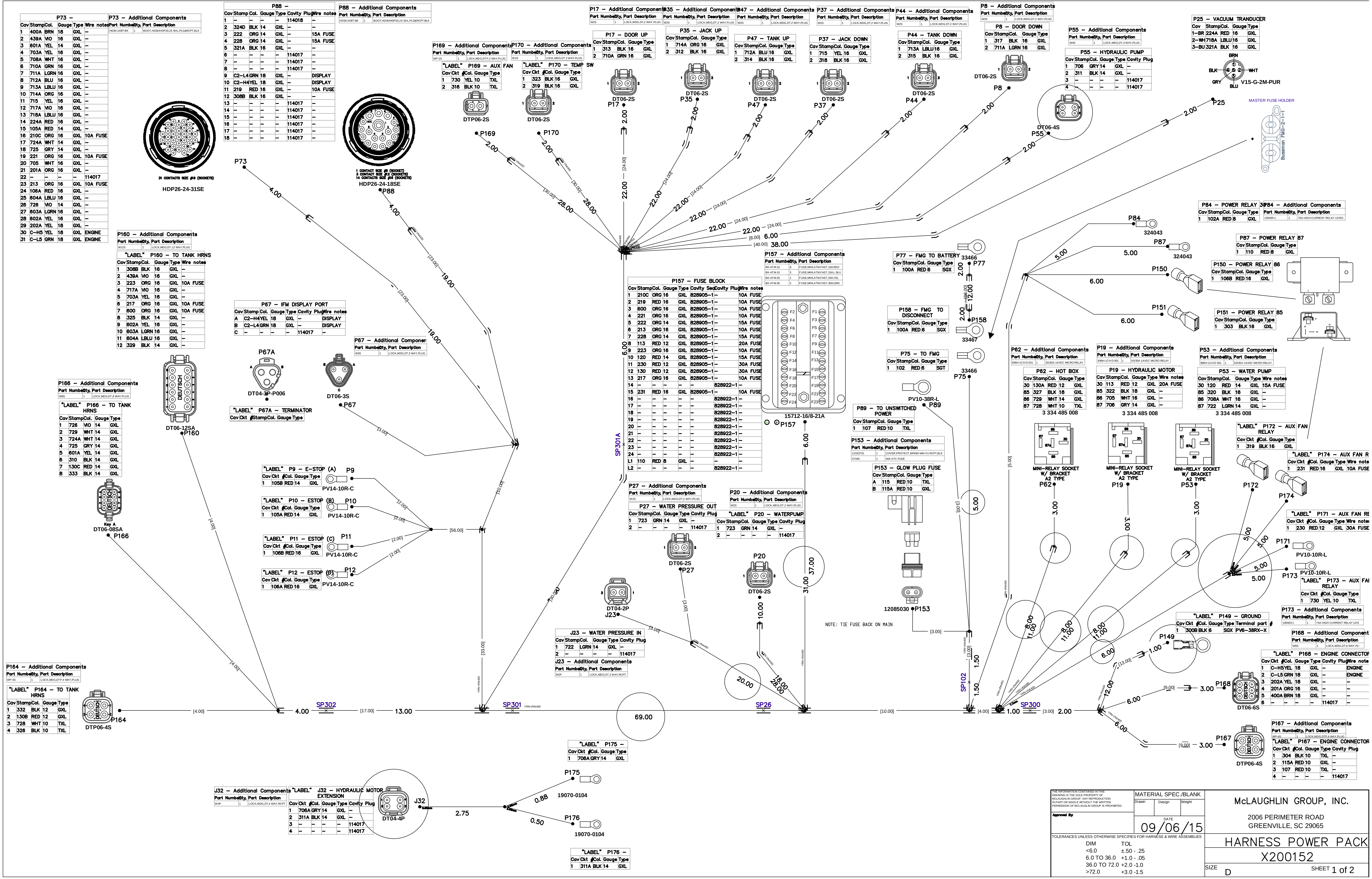

P73 –

Cav	StampCol.		Gauge	Type	Wire notes
1	400A	BRN	18	GXL	–
2	439A	VIO	16	GXL	–
3	601A	YEL	14	GXL	–
4	703A	YEL	16	GXL	–
5	708A	WHT	16	GXL	–
6	710A	GRN	16	GXL	–
7	711A	LGRN	16	GXL	–
8	712A	BLU	16	GXL	–
9	713A	LBLU	16	GXL	–
10	714A	ORG	16	GXL	–
11	715	YEL	16	GXL	–
12	717A	VIO	16	GXL	–
13	718A	LBLU	16	GXL	–
14	224A	RED	16	GXL	–
15	105A	RED	14	GXL	–
16	210C	ORG	16	GXL	10A FUSE
17	724A	WHT	14	GXL	–
18	725	GRY	14	GXL	–
19	221	ORG	16	GXL	10A FUSE
20	705	WHT	16	GXL	–
21	201A	ORG	16	GXL	–
22	–	–	–	–	114017
23	213	ORG	16	GXL	10A FUSE
24	106A	RED	16	GXL	–
25	604A	LBLU	16	GXL	–
26	726	VIO	14	GXL	–
27	603A	LGRN	16	GXL	–
28	602A	YEL	16	GXL	–
29	202A	YEL	18	GXL	–
30	C–H5	YEL	18	GXL	ENGINE
31	C–L5	GRN	18	GXL	ENGINE

P73 – Additional Components

Part Number	Qty.	Part Description
HD30-24BT-BK	1	BOOT,HD30/HDP20,24 SHL,PLG&RCPT,BLK

P88 –

Cav	Stamp	Col.	Gauge	Type	Cavity Plug	Wire notes
1	–	–	–	–	114018	–
2	324D	BLK	14	GXL	–	–
3	222	ORG	14	GXL	–	15A FUSE
4	228	ORG	14	GXL	–	15A FUSE
5	321A	BLK	16	GXL	–	–
6	–	–	–	–	114017	–
7	–	–	–	–	114017	–
8	–	–	–	–	114017	–
9	C2–L4	GRN	18	GXL	–	DISPLAY
10	C2–H4	YEL	18	GXL	–	DISPLAY
11	219	RED	16	GXL	–	10A FUSE
12	308B	BLK	16	GXL	–	–
13	–	–	–	–	114017	–
14	–	–	–	–	114017	–
15	–	–	–	–	114017	–
16	–	–	–	–	114017	–
17	–	–	–	–	114017	–
18	–	–	–	–	114017	–

P88 – Additional Components

Part Number	Qty.	Part Description
HD30-24BT-BK	1	BOOT,HD30/HDP20,24 SHL,PLG&RCPT,BLK

P160 – Additional Components

Part Number	Qty.	Part Description
W12S	1	LOCK,WDG,DT,12 WAY,PLUG

"LABEL" P160 – TO TANK HRNS

Cav	StampCol.		Gauge	Type	Wire notes
1	308B	BLK	16	GXL	–
2	439A	VIO	16	GXL	–
3	223	ORG	16	GXL	10A FUSE
4	717A	VIO	16	GXL	–
5	703A	YEL	16	GXL	–
6	217	ORG	16	GXL	10A FUSE
7	600	ORG	16	GXL	10A FUSE
8	325	BLK	14	GXL	–
9	602A	YEL	16	GXL	–
10	603A	LGRN	16	GXL	–
11	604A	LBLU	16	GXL	–
12	329	BLK	14	GXL	–

P67 – IFM DISPLAY PORT

Cav	Stamp	Col.	Gauge	Type	Cavity Plug	Wire notes
A	C2–H4	YEL	18	GXL	–	DISPLAY
B	C2–L4	GRN	18	GXL	–	DISPLAY
C	–	–	–	–	114017	–

P67 – Additional Components

Part Number	Qty.	Part Description
W3S	1	LOCK,WDG,DT,3 WAY,PLUG

"LABEL" P67A – TERMINATOR

Cav	Ckt #	StampCol.	Gauge	Type

P166 – Additional Components

Part Number	Qty.	Part Description
W8S	1	LOCK,WDG,DT,8 WAY,PLUG

"LABEL" P166 – TO TANK HRNS

Cav	StampCol.		Gauge	Type
1	726	VIO	14	GXL
2	729	WHT	14	GXL
3	724A	WHT	14	GXL
4	725	GRY	14	GXL
5	601A	YEL	14	GXL
6	310	BLK	14	GXL
7	130C	RED	14	GXL
8	333	BLK	14	GXL

P164 – Additional Components

Part Number	Qty.	Part Description
WP-4S	1	LOCK,WDG,DTP,4 WAY,PLUG

"LABEL" P164 – TO TANK HRNS

Cav	StampCol.		Gauge	Type
1	332	BLK	12	GXL
2	130B	RED	12	GXL
3	728	WHT	10	TXL
4	326	BLK	10	TXL

"LABEL" P9 – E-STOP (A)

Cav	Ckt #	Col.	Gauge	Type
1	105B	RED	14	GXL

"LABEL" P10 – ESTOP (B)

Cav	Ckt #	Col.	Gauge	Type
1	105A	RED	14	GXL

"LABEL" P11 – ESTOP (C)

Cav	Ckt #	Col.	Gauge	Type
1	106B	RED	16	GXL

"LABEL" P12 – ESTOP (D)

Cav	Ckt #	Col.	Gauge	Type
1	106A	RED	16	GXL

J32 – Additional Components

Part Number	Qty.	Part Description
W4P	1	LOCK,WDG,DT,4 WAY,RCPT

"LABEL" J32 – HYDRAULIC MOTOR EXTENSION

Cav	Ckt #	Col.	Gauge	Type	Cavity Plug
1	706A	GRY	14	GXL	–
2	311A	BLK	14	GXL	–
3	–	–	–	–	114017
4	–	–	–	–	114017

"LABEL" P175 –

Cav	Ckt #	Col.	Gauge	Type
1	706A	GRY	14	GXL

"LABEL" P176 –

Cav	Ckt #	Col.	Gauge	Type
1	311A	BLK	14	GXL

J23 – WATER PRESSURE IN

Cav	StampCol.		Gauge	Type	Cavity Plug
1	722	LGRN	14	GXL	–
2	–	–	–	–	114017

J23 – Additional Components

Part Number	Qty.	Part Description
W2P	1	LOCK,WDG,DT,2 WAY,RCPT

P27 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

P27 – WATER PRESSURE OUT

Cav	StampCol.		Gauge	Type	Cavity Plug
1	723	GRN	14	GXL	–
2	–	–	–	–	114017

P20 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

"LABEL" P20 – WATERPUMP

Cav	StampCol.		Gauge	Type	Cavity Plug
1	723	GRN	14	GXL	–
2	–	–	–	–	114017

P157 – FUSE BLOCK

Cav	StampCol.		Gauge	Type	Cavity Seal	Cavity Plug	Wire notes
1	210C	ORG	16	GXL	828905–1	–	10A FUSE
2	219	RED	16	GXL	828905–1	–	10A FUSE
3	600	ORG	16	GXL	828905–1	–	10A FUSE
4	221	ORG	16	GXL	828905–1	–	10A FUSE
5	222	ORG	14	GXL	828905–1	–	15A FUSE
6	213	ORG	16	GXL	828905–1	–	10A FUSE
7	228	ORG	14	GXL	828905–1	–	15A FUSE
8	113	RED	12	GXL	828905–1	–	20A FUSE
9	223	ORG	16	GXL	828905–1	–	10A FUSE
10	120	RED	14	GXL	828905–1	–	15A FUSE
11	230	RED	12	GXL	828905–1	–	30A FUSE
12	130	RED	12	GXL	828905–1	–	30A FUSE
13	217	ORG	16	GXL	828905–1	–	10A FUSE
14	–	–	–	–	–	828922–1	–
15	231	RED	16	GXL	828905–1	–	10A FUSE
16	–	–	–	–	–	828922–1	–
17	–	–	–	–	–	828922–1	–
18	–	–	–	–	–	828922–1	–
19	–	–	–	–	–	828922–1	–
20	–	–	–	–	–	828922–1	–
21	–	–	–	–	–	828922–1	–
22	–	–	–	–	–	828922–1	–
23	–	–	–	–	–	828922–1	–
24	–	–	–	–	–	828922–1	–
L1	110	RED	8	GXL	–	–	–
L2	–	–	–	–	–	828922–1	–

P157 – Additional Components

Part Number	Qty.	Part Description
BK-ATM-10	8	FUSE,MINI,ATM,FAST,10A,RED
BK-ATM-15	3	FUSE,MINI,ATM,FAST,15A,L BLU
BK-ATM-20	1	FUSE,MINI,ATM,FAST,20A,YEL
BK-ATM-30	2	FUSE,MINI,ATM,FAST,30A,GRN

P89 – TO UNSWITCHED POWER

Cav	StampCol.		Gauge	Type
1	107	RED	10	TXL

P153 – Additional Components

Part Number	Qty.	Part Description
12033731	1	COVER,PROTECT,MP680 MIN FU RCPT,BLK
47040	1	40A ATC FUSE

P153 – GLOW PLUG FUSE

Cav	StampCol.		Gauge	Type
A	115	RED	10	TXL
B	115A	RED	10	GXL

P75 – TO FMG

Cav	StampCol.		Gauge	Type
1	102	RED	6	SGT

P158 – FMG TO DISCONNECT

Cav	StampCol.		Gauge	Type
1	100A	RED	6	SGX

P77 – FMG TO BATTERY

Cav	StampCol.		Gauge	Type
1	100A	RED	6	SGX

P169 – Additional Components

Part Number	Qty.	Part Description
WP-2S	1	LOCK,WDG,DTP,2 WAY,PLUG

"LABEL" P169 – AUX FAN

Cav	Ckt #	Col.	Gauge	Type
1	730	YEL	10	TXL
2	316	BLK	10	TXL

P170 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

"LABEL" P170 – TEMP SW

Cav	Ckt #	Col.	Gauge	Type
1	323	BLK	16	GXL
2	319	BLK	16	GXL

P17 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

P17 – DOOR UP

Cav	StampCol.		Gauge	Type
1	313	BLK	16	GXL
2	710A	GRN	16	GXL

P35 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

P35 – JACK UP

Cav	StampCol.		Gauge	Type
1	714A	ORG	16	GXL
2	312	BLK	16	GXL

P47 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

P47 – TANK UP

Cav	StampCol.		Gauge	Type
1	712A	BLU	16	GXL
2	314	BLK	16	GXL

P37 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

P37 – JACK DOWN

Cav	StampCol.		Gauge	Type
1	715	YEL	16	GXL
2	318	BLK	16	GXL

P44 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

P44 – TANK DOWN

Cav	StampCol.		Gauge	Type
1	713A	LBLU	16	GXL
2	315	BLK	16	GXL

P8 – Additional Components

Part Number	Qty.	Part Description
W2S	1	LOCK,WDG,DT,2 WAY,PLUG

P8 – DOOR DOWN

Cav	StampCol.		Gauge	Type
1	317	BLK	16	GXL
2	711A	LGRN	16	GXL

P55 – Additional Components

Part Number	Qty.	Part Description
W4S	1	LOCK,WDG,DT,4 WAY,PLUG

P55 – HYDRAULIC PUMP

Cav	StampCol.		Gauge	Type	Cavity Plug
1	706	GRY	14	GXL	–
2	311	BLK	14	GXL	–
3	–	–	–	–	114017
4	–	–	–	–	114017

P25 – VACUUM TRANDUCER

Cav	StampCol.		Gauge	Type
1–BR	224A	RED	16	GXL
2–WH	718A	LBLU	16	GXL
3–BU	321A	BLK	16	GXL

P84 – POWER RELAY 30

Cav	StampCol.		Gauge	Type
1	102A	RED	8	GXL

P84 – Additional Components

Part Number	Qty.	Part Description
190400-1	1	75A HIGH CURRENT RELAY 12VDC

P87 – POWER RELAY 87

Cav	StampCol.		Gauge	Type
1	110	RED	8	GXL

P150 – POWER RELAY 86

Cav	StampCol.		Gauge	Type
1	106B	RED	16	GXL

P151 – POWER RELAY 85

Cav	StampCol.		Gauge	Type
1	303	BLK	16	GXL

P62 – Additional Components

Part Number	Qty.	Part Description
896H-1CH-D 001	1	50/30A 14VDC MICRO RELAY

P62 – HOT BOX

Cav	StampCol.		Gauge	Type
30	130A	RED	12	GXL
85	327	BLK	18	GXL
86	729	WHT	14	GXL
87	728	WHT	10	TXL

3 334 485 008

P19 – Additional Components

Part Number	Qty.	Part Description
896H-1CH-D 001	1	50/30A 14VDC MICRO RELAY

P19 – HYDRAULIC MOTOR

Cav	StampCol.		Gauge	Type	Wire notes
30	113	RED	12	GXL	20A FUSE
85	322	BLK	18	GXL	–
86	705	WHT	16	GXL	–
87	706	GRY	14	GXL	–

3 334 485 008

P53 – Additional Components

Part Number	Qty.	Part Description
896H-1CH-D 001	1	50/30A 14VDC MICRO RELAY

P53 – WATER PUMP

Cav	StampCol.		Gauge	Type	Wire notes
30	120	RED	14	GXL	15A FUSE
85	320	BLK	16	GXL	–
86	708A	WHT	16	GXL	–
87	722	LGRN	14	GXL	–

3 334 485 008

"LABEL" P172 – AUX FAN RELAY

Cav	Ckt #	Col.	Gauge	Type
1	319	BLK	16	GXL

"LABEL" P174 – AUX FAN R

Cav	Ckt #	Col.	Gauge	Type	Wire note
1	231	RED	16	GXL	10A FUSE

"LABEL" P171 – AUX FAN RE

Cav	Ckt #	Col.	Gauge	Type	Wire notes
1	230	RED	12	GXL	30A FUSE

"LABEL" P173 – AUX FAN RELAY

Cav	Ckt #	Col.	Gauge	Type
1	730	YEL	10	TXL

P173 – Additional Components

Part Number	Qty.	Part Description
190400-1	1	75A HIGH CURRENT RELAY 12VDC

"LABEL" P149 – GROUND

Cav	Ckt #	Col.	Gauge	Type	Terminal part #
1	300B	BLK	6	SGX	PV6–38RX–X

P168 – Additional Component

Part Number	Qty.	Part Description
W6S	1	LOCK,WDG,DT,6 WAY,PL

"LABEL" P168 – ENGINE CONNECTOR

Cav	Ckt #	Col.	Gauge	Type	Cavity Plug	Wire note
1	C–H5	YEL	18	GXL	–	ENGINE
2	C–L5	GRN	18	GXL	–	ENGINE
3	202A	YEL	18	GXL	–	–
4	201A	ORG	16	GXL	–	–
5	400A	BRN	18	GXL	–	–
6	–	–	–	–	114017	–

P167 – Additional Components

Part Number	Qty.	Part Description
WP-4S	1	LOCK,WDG,DTP,4 WAY,PLUG

"LABEL" P167 – ENGINE CONNECTOR

Cav	Ckt #	Col.	Gauge	Type	Cavity Plug
1	304	BLK	10	TXL	–
2	115A	RED	10	GXL	–
3	107	RED	10	TXL	–
4	–	–	–	–	114017

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Approved By:

MATERIAL SPEC./BLANK

Drawn | Design | Weight

DATE 09/06/15

TOLERANCES UNLESS OTHERWISE SPECIFIES FOR HARNESS & WIRE ASSEMBLIES

DIM	TOL
<6.0	±.50 - .25
6.0 TO 36.0	+1.0 - .05
36.0 TO 72.0	+2.0 -1.0
>72.0	+3.0 -1.5

McLAUGHLIN GROUP, INC.
2006 PERIMETER ROAD
GREENVILLE, SC 29065

HARNESS POWER PACK

X200152

SIZE D

SHEET 1 of 2