RLY A					
Pos	CKT	GA	COL	Type	Term
1	48	8	ORG	GXL	2300755

RLY B					
Pos	CKT	GA	COL	Type	Term
1	49	8	BLU	GXL	2300755

RLY C					
Pos	CKT	GA	COL	Type	Term
1	53	18	BLK	GXL	2302100

RLY D					
Pos	CKT	GA	COL	Type	Term
1	38	18	ORG/GRN	GXL	2302100

RLY E					
Pos	CKT	GA	COL	Type	Term
1	45	18	RED/BLK	GXL	2302050

TEMP SIGNAL					
Pos	CKT	GA	COL	Type	Term
1	50	16	GRY	GXL	2310078

CNTRL					
Pos	CKT	GA	COL	Type	Term
1	12	18	ORG/GRN	GXL	2310039
2	13	18	GRN	GXL	2310039
3	14	16	RED/BLK	GXL	2310078
5	15	16	BLK/RED	GXL	2310078
6	16	18	TAN/RED	GXL	2310039
7	24	16	RED/BLU	GXL	2310078
8	4	16	RED	GXL	2310078
9	25	16	ORG/BLK	GXL	2310078
10	26	16	ORG/BLK	GXL	2310078
11	28	16	BLK/ORG	GXL	2310078
12	7	16	BLK	GXL	2310078
13	31	18	RED/BLK	GXL	2310039
14	32	18	YEL/BLK	GXL	2310039
18	23	18	TAN/GRN	GXL	2310039
19	22	18	TAN/YEL	GXL	2310039
20	5	16	RED	GXL	2310078
21	21	18	TAN/ORG	GXL	2310039
22	11	18	BLK	GXL	2310039
23	29	16	BLK/ORG	GXL	2310078
24	8	16	BLK	GXL	2310078

BLUNT CUT					
Pos	CKT	GA	COL	Type	Term
NONE-1	83	18	PNK	GXL	NO TERM

AUX POS					
Pos	CKT	GA	COL	Type	Term
1	3	14	BLU	GXL	2155214

AUX GND					
Pos	CKT	GA	COL	Type	Term
1	9	14	BLK	GXL	2155214

IGN 12V FUSE					
Pos	CKT	GA	COL	Type	Term
1	33	14	RED	GXL	2180007
2	51	14	ORG/GRN	GXL	2180007

FAN FUSE					
Pos	CKT	GA	COL	Type	Term
1	37	14	RED	GXL	2180007
2	36	14	RED	GXL	2180007

AUX FUSE					
Pos	CKT	GA	COL	Type	Term
1	3	14	BLU	GXL	2180007
2	1	14	RED	GXL	2180007

CNTLR FUSE					
Pos	CKT	GA	COL	Type	Term
1	4	16	RED	GXL	LF 10-12
1	5	16	RED	GXL	-
2	2	10	RED	GXL	LF 10-12

IGN 12V RLY					
Pos	CKT	GA	COL	Type	Term
30	51	14	ORG/GRN	GXL	2302100
85	54	18	BLK	GXL	2302100
86	12	18	ORG/GRN	GXL	2302100
87	52	14	ORG/GRN	GXL	2302100

FAN RLY					
Pos	CKT	GA	COL	Type	Term
30	37	14	RED	GXL	2302100
85	43	18	PUR/YEL	GXL	2302100
86	39	18	ORG/GRN	GXL	2302100
87	44	14	PUR	GXL	2302100

FUSE HOLDER					
Pos	CKT	GA	COL	Type	Term
A	62	16	ORG/GRN	GXL	2066614
B	63	16	ORG/PUR	GXL	2066614

RLY A
2300755
SHNK 3210500 X 1.25
.375
QDF

RLY B
2300755
SHNK 3210500 X 1.25
.375
QDF

RLY C
2302100
SHNK 3210250 X 1.0
.250
QDF

RLY D
2302100
SHNK 3210250 X 1.0
.250
QDF

RLY E
2302050
SHNK 3210187 X 1.0
.110
QDF

TEMP SIGNAL
2310078

CNTRL
3112245

BLUNT CUT
NONE
NONE

AUX POS
2155214

AUX GND
2155214
BLUE
.250
QDF

ATTACH FUSES
AFTER INSPECTION

IGN 12V FUSE
4211201
FUSE 4203015

FAN FUSE
4211201
FUSE 4203025

AUX FUSE
4211201
FUSE 4203010

CNTLR FUSE
4211200
FUSE 4203025

IGN 12V RLY
3130002
Relay
RLY 4411216

ATTACH RELAYS
AFTER INSPECTION

FAN RLY
3130002
Relay
RLY 4411216

ATTACH AFTER
INSPECTION

FUSE HOLDER
3033769
CRMT 2034364
DCAP 3033731
FUSE 4203010
10A
REMOVE GRN SEAL
AND REPLACE WITH
GRY SEAL

10.00
10.00
10.00
10.00
10.00
8.00
8.00
10.00
10.00
10.00
8.00
8.00
4.00

SEAT SWITCH					
Pos	CKT	GA	COL	Type	Term
1	21	18	TAN/ORG	GXL	2062573
2	17	18	TAN/RED	GXL	2062573

SEAT SWITCH
3145117
2.00
31.00
28.00

NEUT SW 2					
Pos	CKT	GA	COL	Type	Term
A	18	18	TAN/RED	GXL	2062573
B	20	18	TAN/RED	GXL	2062573

NEUT SW 2
3073872
1.00
12.50

NEUT SW					
Pos	CKT	GA	COL	Type	Term
A	22	18	TAN/YEL	GXL	2062573
B	20	18	TAN/RED	GXL	2062573

NEUT SW
3073872
1.00
12.50

CLUTCH					
Pos	CKT	GA	COL	Type	Term
A	27	16	ORG/BLK	GXL	2062573
B	30	16	BLK/ORG	GXL	2062573

CLUTCH
3011979
2.00

SPL-6			
Pos	CKT	GA	COL
L	14	16	RED/BLK
R	34	14	RED/BLK

SPL-6
4.00

SPL-7			
Pos	CKT	GA	COL
L	15	16	BLK/RED
R	35	14	BLK/RED

SPL-7
12.00

SPL-2			
Pos	CKT	GA	COL
L	16	18	TAN/RED
L	17	18	TAN/RED
L	18	18	TAN/RED
R	19	18	TAN/RED

SPL-2
22.00

SPL-4			
Pos	CKT	GA	COL
L	28	16	BLK/ORG
L	29	16	BLK/ORG
R	30	16	BLK/ORG

SPL-4
10.00

SPL-1			
Pos	CKT	GA	COL
L	9	14	BLK
L	7	16	BLK
L	8	16	BLK
L	11	18	BLK
L	53	18	BLK
L	54	18	BLK
R	6	8	BLK
R	57	14	BLK
R	10	16	BLK
R	56	16	BLK
R	58	16	BLK
R	55	18	BLK
R	59	18	BLK

SPL-1

SPL-3			
Pos	CKT	GA	COL
L	25	16	ORG/BLK
L	26	16	ORG/BLK
R	27	16	ORG/BLK

SPL-3

SPL-11			
Pos	CKT	GA	COL
L	63	16	ORG/PUR
R	64	16	ORG/PUR
R	65	16	ORG/PUR

SPL-11

SPL-12			
Pos	CKT	GA	COL
L	67	16	BLK
L	68	16	BLK
L	69	16	BLK
R	66	16	BLK

SPL-12

J1							
Pos	CKT	CBL	GA	COL	Type	CavPlug	Term
A1	64		16	ORG/PUR	GXL	-	2333000
A2	71	ENG TWIST 1	18	WHT/RED	GXL	-	2333000
A3	70	ENG TWIST 1	18	WHT/BLK	GXL	-	2333000
B1	65		16	ORG/PUR	GXL	-	2333000
B2	67		16	BLK	GXL	-	2333000
B3	68		16	BLK	GXL	-	2333000
C1	69		16	BLK	GXL	-	2333000
C2	-	-	-	-	-	2333011	-
C3	-	-	-	-	-	2333011	-
D1	-	-	-	-	-	2333011	-
D2	-	-	-	-	-	2333011	-
D3	83		18	PNK	GXL	-	2333000
E1	-	-	-	-	-	2333011	-
E2	-	-	-	-	-	2333011	-
E3	-	-	-	-	-	2333011	-
F1	-	-	-	-	-	2333011	-
F2	-	-	-	-	-	2333011	-
F3	-	-	-	-	-	2333011	-

J1
3141309

J2								
Pos	CKT	CBL	GA	COL	Type	LBL	CavPlug	Term
A1	79	CABLE 1	18	CLR	1007		-	2333000
A2	78	CABLE 1	18	BLK	1007		-	2333000
A3	85		18	BLK	GXL		-	2333000
B1	72	ENG TWIST 2	18	WHT/BLU	GXL	POS	-	2333000
B2	73	ENG TWIST 2	18	WHT	GXL	POS	-	2333000
B3	74	ENG TWIST 2	18	WHT/BLK	GXL	POS	-	2333000
C1	-	-	-	-	-	-	2333011	-
C2	-	-	-	-	-	-	2333011	-
C3	-	-	-	-	-	-	2333011	-
D1	-	-	-	-	-	-	2333011	-
D2	-	-	-	-	-	-	2333011	-
D3	-	-	-	-	-	-	2333011	-
E1	-	-	-	-	-	-	2333011	-
E2	82		18	YEL/BLK	GXL		-	2333000
E3	-	-	-	-	-	-	2333011	-
F1	-	-	-	-	-	-	2333011	-
F2	-	-	-	-	-	-	2333011	-
F3	-	-	-	-	-	-	2333011	-
G1	-	-	-	-	-	-	2333011	-
G2	-	-	-	-	-	-	2333011	-
G3	-	-	-	-	-	-	2333011	-
H1	75	ENG TWIST 3	18	WHT/BLU	GXL	PRESS	-	2333000
H2	77	ENG TWIST 3	18	WHT/BLK	GXL	PRESS	-	2333000
H3	76	ENG TWIST 3	18	WHT	GXL	PRESS	-	2333000
J1	-	-	-	-	-	-	2333011	-
J2	-	-	-	-	-	-	2333011	-
J3	-	-	-	-	-	-	2333011	-
K1	-	-	-	-	-	-	2333011	-
K2	-	-	-	-	-	-	2333011	-
K3	-	-	-	-	-	-	2333011	-

J2
3141304

SPL-15				
Pos	CKT	CBL	GA	COL
L	80	CABLE 1	20	DRN
R	85		18	BLK

SPL-15

10.00

SPL-12

NOTES:
- Harness covering is braid.
- Harness dimensions are to back of connector or terminal.
- Connectors shown from wire entry end, unless noted.
- See circuit diagrams for details.
- Label circuits continuously every 2 inches

Electrex
ELECTRICAL SYSTEM SOLUTIONS

Customer: Intimidator Inc.
Cust. P/N: Diesel Mwr Hrns Rev:3
DWG Title:Diesel Mwr Hrns
Our P/N:9369029 Pg:1 Of:2
Date:Saturday, August 19, 2017 10:05:36 AM
Modified By:JP VCN:003

Length Tolerances
-Unless Otherwise Specified-
< 6.0" +0.50 -0.25"
6.0" to 36.0" +1.00 -0.50"
36.0" to 72.0" +2.00 -1.00"
> 72.0" +3.0% -1.5%

OIL PRESS SW						
Pos	CKT	GA	COL		Type	Term
1	55	18	BLK		GXL	2334762
2	61	18	YEL/BLK	GXL	2334762	

OIL PRESS SW
3146064
RET 3146065

BLK

2.00

.250

BRAKE SW						
Pos	CKT	GA	COL		Type	Term
A	23	18	TAN/GRN	GXL	2062573	
B	19	18	TAN/RED	GXL	2062573	

BRAKE SW
3073872

2.00

.250

18.00

TEMP SW GND						
Pos	CKT	GA	COL		Type	Term
1	59	18	BLK	GXL	2155216	

TEMP SW						
Pos	CKT	GA	COL		Type	Term
1	43	18	PUR/YEL	GXL	2155216	

OVER TEMP						
Pos	CKT	GA	COL		Type	Term
1	58	16	BLK	GXL	2334762	
2	50	16	GRY	GXL	2334762	

TEMP SW GND
2155216

TEMP SW
2155216

OVER TEMP
3146064
RET 3146065

BLK

RED
.250
QDF

3.00

3.00

2.00

.250

12.00

10.00

.250

24.00

LIGHT OPT ...	
Pos	CavPlug
A	2010300
B	2010300

LIGHT OPT CAP
3010973

ATTACH CAPS AFTER INSPECTION

SPL-13			
Pos	CKT	GA	COL
L	32	18	YEL/BLK
L	82	18	YEL/BLK
R	81	18	YEL/BLK

SPL-13

ACTUATOR CNTL						
Pos	CKT	CBL		GA	COL	Type	Term
1	70	ENG TWIST 1		18	WHT/BLK	GXL	2334762
2	71	ENG TWIST 1		18	WHT/RED	GXL	2334762

ACTUATOR CNTL
3146064
RET 3146065

BLK

ECM CLEAN GND						
Pos	CKT	GA	COL		Type	Term
1	66	16	BLK	GXL	2104014	

ECM CLEAN GND
2104014

1/4
RING

GLOW PLUGS						
Pos	CKT	GA	COL		Type	Term
1	49	8	BLU	GXL	2101008	

GLOW PLUGS
2101008
SHNK 3212375 X 0.75

6
RING

22.00

MAIN FUSE						
Pos	CKT	GA	COL		Type	Term
1	9000	6	RED	TXM	2105006	

MAIN FUSE
2105006
SHNK 3213500 X 1.25

5/16
RING

2.00

4211019

AMP
60

50A

FUSE 4203150

2.00

GLOW PLUG FUSE						
Pos	CKT	GA	COL		Type	Term
1	9001	6	RED	TXM	2105006	

GLOW PLUG FUSE
2105006
SHNK 3213500 X 1.25

5/16
RING

2.00

4211019

AMP
60

60A

FUSE 4203160

2.00

ATTACH FUSES DURING BUILD

IGN 12V ALT						
Pos	CKT	GA	COL		Type	Term
1	42	18	ORG/GRN	GXL	2155214	

IGN 12V ALT
2155214

BLUE
.250
QDF

18.00

ALT						
Pos	CKT	GA	COL		Type	Term
1	47	10	BLU	GXL	2104010	

ALT
2104010
SHNK 3212250 X 0.75

1/4
RING

13.00

LIGHT OPT							
Pos	CKT	GA	COL		Type	Term	Seal
A	10	16	BLK	GXL	2010182	2015323	
B	24	16	RED/BLU	GXL	2010182	2015323	

LIGHT OPT
3015792

DECK LIFT ...	
Pos	CavPlug
A	2010300
B	2010300
C	2010300

DECK LIFT OPT CAP
3010717

DECK LIFT OPT								
Pos	CKT	GA	COL		Type	CavPlug	Term	Seal
A	34	14	RED/BLK	GXL	-		2010182	2010293
B	35	14	BLK/RED	GXL	-		2010182	2010293
C	-	-	-	-	-	2010300	-	-

DECK LIFT OPT
3015793

FUEL SOLENOID						
Pos	CKT	GA	COL		Type	Term
1	56	16	BLK	GXL	2334762	
2	40	16	ORG/GRN	GXL	2334762	

FUEL SOLENOID
3146064
RET 3146065

BLK

2.00

.250

ACTUATOR SENS								
Pos	CKT	CBL		GA	COL	Type	LBL	Term
1	72	ENG TWIST 2		18	WHT/BLU	GXL	POS	2334794
2	73	ENG TWIST 2		18	WHT	GXL	POS	2334794
3	74	ENG TWIST 2		18	WHT/BLK	GXL	POS	2334794

ACTUATOR SENS
3146208
RET 3146209

BAR PRESS SENS								
Pos	CKT	CBL		GA	COL	Type	LBL	Term
1	75	ENG TWIST 3		18	WHT/BLU	GXL	PRESS	2304921
2	76	ENG TWIST 3		18	WHT	GXL	PRESS	2304921
3	77	ENG TWIST 3		18	WHT/BLK	GXL	PRESS	2304921

BAR PRESS SENS
3106432

BATT 12V ALT						
Pos	CKT	GA	COL		Type	Term
1	47	10	BLU	GXL	2105110	

BATT 12V ALT
2105110

YEL
5/16
RING

ENG SPEED SENS						
Pos	CKT	CBL		GA	COL	Type	Term
1	78	CABLE 1		18	BLK	1007	2334762
2	84			18	WHT	GXL	2334762

ENG SPEED SENS
3146064
RET 3146065

BLK

2.00

.250

SPL-5			
Pos	CKT	GA	COL
L	2	10	RED
L	1	14	RED
L	33	14	RED
L	36	14	RED
R	9000	6	RED

SPL-5

LABEL - 7210921
ID
LABEL

SPL-10			
Pos	CKT	GA	COL
L	68	8	ORG
R	9001	6	RED

SPL-10

.500

7.75

5.75

SPL-14					
Pos	CKT	CBL		GA	COL
L	13			18	GRN
L	79	CABLE 1		18	CLR
R	84			18	WHT

SPL-14

.500

22.00

.250

SPL-8			
Pos	CKT	GA	COL
L	52	14	ORG/GRN
L	62	16	ORG/GRN
L	38	18	ORG/GRN
L	39	18	ORG/GRN
R	40	16	ORG/GRN
R	41	18	ORG/GRN
R	42	18	ORG/GRN

SPL-8

SPL-9			
Pos	CKT	GA	COL
L	31	18	RED/BLK
L	45	18	RED/BLK
R	46	18	RED/BLK

SPL-9

8.00

4.00

1.000

4.00

4.00

ZIP TIE WIRES AFTER BRAID

3220007

3220007

FAN						
Pos	CKT	GA	COL		Type	Term
1	57	14	BLK	GXL	2334758	
2	44	14	PUR	GXL	2334758	

18.00

.250

2.00

FAN

BLK

3146064
RET 3146065

IGN 12V SPARE						
Pos	CKT	GA	COL		Type	Term
1	41	18	ORG/GRN	GXL	2155216	

18.00

.250

2.00

RED
.250
QDF

IGN 12V SPARE
2155216

START						
Pos	CKT	GA	COL		Type	Term
1	46	18	RED/BLK	GXL	2155216	

42.00

.250

2.00

RED
.250
QDF

START
2155216

APPROX. MIDPOINT

START SOL						
Pos	CKT	GA	COL		Type	Term
1	60	8	RED	GXL	2106008	

44.00

START SOL
2106008
SHNK 3212375 X 0.75

3220006

GND						
Pos	CKT	GA	COL		Type	Term
1	6	8	BLK	GXL	2106008	

10.00

GND
2106008
SHNK 3212375 X 0.75

3/8
RING
(3)

APPROX. MIDPOINT

GND2						
Pos	CKT	GA	COL		Type	Term
1	61	8	BLK	GXL	2106008	

10.00

GND2
2106008
SHNK 3212375 X 0.75

3220006

4.00

4.00

20.00

16.00

1/4
RING

1/4
RING

BATT 12V 2
2104008
SHNK 3212375 X 0.75

GND3
2104008
SHNK 3212375 X 0.75

BATT 12V 2						
Pos	CKT	GA	COL		Type	Term
1	60	8	RED	GXL	2104008	

GND3						
Pos	CKT	GA	COL		Type	Term
1	61	8	BLK	GXL	2104008	

13.00

13.00

15.00

15.00

15.00

22.00

16.00

4.00

.250

.250

.250

.250

.350

.250

20.00

.250

.250

Electrex
ELECTRICAL SYSTEM SOLUTIONS

Customer: Intimidator Inc.

Cust. P/N: Diesel Mwr Hrns | Rev:3

DWG Title:Diesel Mwr Hrns

Our P/N:9369029 | Pg:2 Of:2

Date:Saturday, August 19, 2017 10:05:36 AM

Modified By:JP | VCN003

Length Tolerances
-Unless Otherwise Specified-
< 6.0"+0.50 -0.25"
6.0" to 36.0"+1.00 -0.50"
36.0" to 72.0"+2.00 -1.00"
> 72.0"+3.0% -1.5%