### TABLE OF CONTENTS

- Tail Light Harness Schematic (Old Version) (107266) ................................................................. (1.1)
- Front Marker Lights Schematic (107268) ......................................................................................... (1.2)
- Rear Marker Lights Schematic (107493) .......................................................................................... (1.3)
- Tail Light Harness Schematic (New Version) (112266) ............................................................... (1.4)
- 6/4 50/60Hz 6/8kW Generator Cord Schematic (105269) .............................................................. (1.5)
- 10/4 50/60Hz 6/8kW Generator Cord Schematic (108909) ............................................................ (1.6)
- NLV SLS Relay Schematic (113468) ................................................................................................. (1.7)
- NLV LSC 2.1 Transformer Schematic (113437) ............................................................................. (1.8)
- Mitsubishi L3E Engine Harness Schematic (108042) ................................................................. (1.9)
- Kubota D1005 Engine Harness Schematic (108044) .................................................................... (1.10)
- CAT/Perkins 1.1L Engine Harness Schematic (110112) ............................................................... (1.11)
- SLS / Key Start Schematic (110123) ............................................................................................... (1.12)
- LSC / SLS Schematic (113652) ..................................................................................................... (1.13)
- Fuel/Hour Gauge Schematic (113659) ........................................................................................... (1.14)
- 1-GFCI, 1-4 Prong Twistlock NLV Outlet Panel Schematic (112037) .......................................... (1.15)
- 1-GFCI, 1-30A RV, 1-3 Prong Twistlock NLV Outlet Schematic (113472) ...................................... (1.16)
- 1-GFCI, 1-30A RV, 1-4 Prong Twistlock NLV Outlet Schematic (113473) ...................................... (1.17)
- 2-GFCI NLV Outlet Schematic (113860) ......................................................................................... (1.18)
- 2-Schuko NLV Outlet Schematic (113475) ..................................................................................... (1.19)
- Main Breaker to Light Switches Schematic (112035) ................................................................. (1.20)
- 4-Light 4-725 Relay NLV Schematic (Old Version) (112034) ....................................................... (1.21)
- 4-Light 4-725 Relay NLV Schematic (New Version) (113505) ..................................................... (1.22)
- 4-Light 4-Zettler Relay NLV Schematic (113583) ....................................................................... (1.23)
- 4-Light 4-LED Relay NLV Schematic (113805) .......................................................................... (1.24)
- Ballast Cord NLV Schematic (113474) .......................................................................................... (1.25)
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>schematic</th>
<th>page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000W 60Hz 120V Ballast Schematic (105287)</td>
<td>1.26</td>
</tr>
<tr>
<td>1000W 50Hz 120V Ballast Schematic (105288)</td>
<td>1.27</td>
</tr>
<tr>
<td>1250W 60Hz 120V Ballast Schematic (105286)</td>
<td>1.28</td>
</tr>
<tr>
<td>LED Drivers NLV Schematic (113621)</td>
<td>1.29</td>
</tr>
<tr>
<td>4-Metal Halide Lamps Light Bar Schematic (112039)</td>
<td>1.30</td>
</tr>
<tr>
<td>4-LED Lamps Light Bar Schematic (113750)</td>
<td>1.31</td>
</tr>
<tr>
<td>C1000 Electric Winch NLV Schematic (Old Version) (110117)</td>
<td>1.32</td>
</tr>
<tr>
<td>C1000 Electric Winch NLV Schematic (New Version) (117147)</td>
<td>1.32</td>
</tr>
<tr>
<td>SH 1000 Electric Winch NLV Schematic (117537)</td>
<td>1.32</td>
</tr>
</tbody>
</table>
# WIRE SCHEMATIC PAGE CONNECTION TABLE

<table>
<thead>
<tr>
<th>Schematic Page</th>
<th>1st Connection Page(s)</th>
<th>2nd Connection Page(s)</th>
<th>3rd Connection Page(s)</th>
<th>4th Connection Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tail Light Harness Schematic (Old Version) (1.1)</td>
<td>(1.3)</td>
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<td>Rear Marker Lights Schematic (1.3)</td>
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<td>6/4 50/60Hz 6/8kW Generator Cord Schematic (1.5)</td>
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<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>10/4 50/60Hz 6/8kW Generator Cord Schematic (1.6)</td>
<td>(1.7) or (1.8)</td>
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<td>n/a</td>
</tr>
<tr>
<td>NLV SLS Relay Schematic (1.7)</td>
<td>(1.5) or (1.6)</td>
<td>(1.15), (1.16), (1.17), (1.18), (1.19), or (1.20)</td>
<td>(1.12)</td>
<td>(1.12)</td>
</tr>
<tr>
<td>NLV LSC 2.1 Transformer Schematic (1.8)</td>
<td>(1.5) or (1.6)</td>
<td>(1.15), (1.16), (1.17), (1.18), (1.19), or (1.20)</td>
<td>(1.13)</td>
<td>n/a</td>
</tr>
<tr>
<td>Mitsubishi L3E Engine Harness Schematic (1.9)</td>
<td>(1.12) or (1.13)</td>
<td>(1.12) or (1.13)</td>
<td>(1.12) or (1.13)</td>
<td>(1.13)</td>
</tr>
<tr>
<td>Kubota D1005 Engine Harness Schematic (1.10)</td>
<td>(1.12) or (1.13)</td>
<td>(1.12) or (1.13)</td>
<td>(1.12) or (1.13)</td>
<td>(1.13)</td>
</tr>
<tr>
<td>CAT/Perkins 1.1L Harness Schematic (1.11)</td>
<td>(1.12) or (1.13)</td>
<td>(1.12) or (1.13)</td>
<td>(1.12) or (1.13)</td>
<td>(1.13)</td>
</tr>
</tbody>
</table>
### WIRE SCHEMATIC PAGE CONNECTION TABLE

<table>
<thead>
<tr>
<th>Schematic Page</th>
<th>1st Connection Page(s)</th>
<th>2nd Connection Page(s)</th>
<th>3rd Connection Page(s)</th>
<th>4th Connection Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLS / Key Start Schematic (1.12)</td>
<td>(1.9), (1.10), or (1.11)</td>
<td>(1.9), (1.10), or (1.11)</td>
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<thead>
<tr>
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<th>5th Connection Page(s)</th>
<th>6th Connection Page(s)</th>
<th>7th Connection Page(s)</th>
<th>8th Connection Page(s)</th>
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</thead>
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<tr>
<td>SLS / Key Start Schematic (1.12)</td>
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<th>Schematic Page</th>
<th>1st Connection Page(s)</th>
<th>2nd Connection Page(s)</th>
<th>3rd Connection Page(s)</th>
<th>4th Connection Page(s)</th>
</tr>
</thead>
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<tr>
<td>Fuel / Hour Gauge Schematic (1.14)</td>
<td>(1.12)</td>
<td>(1.12)</td>
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<td>1-GFCI, 1-4 Prong Twistlock NLV Outlet Panel Schematic (1.15)</td>
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<td>n/a</td>
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<td>1-GFCI, 1-30A RV, 1-4 Prong Twistlock NLV Outlet Schematic (1.17)</td>
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<td>1st Connection Page(s)</td>
<td>2nd Connection Page(s)</td>
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<td>2-GFCI NLV Outlet Schematic (1.18)</td>
<td>(1.7) or (1.8)</td>
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<td>2-Schuko NLV Outlet Schematic (1.19)</td>
<td>(1.7) or (1.8)</td>
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<td>Main Breaker to Light Switches Schematic (1.20)</td>
<td>(1.7) or (1.8)</td>
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<td>4-Light 4-72S Relay NLV Schematic (Old Version) (1.21)</td>
<td>(1.12) or (1.13)</td>
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<td>4-Light 4-72S Relay NLV Schematic (New Version) (1.22)</td>
<td>(1.12) or (1.13)</td>
<td>(1.20)</td>
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<tr>
<td>4-Light 4-Zettler Relay NLV Schematic (1.23)</td>
<td>(1.12) or (1.13)</td>
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<td>4-Light 4-LED Relay NLV Schematic (1.24)</td>
<td>(1.12) or (1.13)</td>
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<tr>
<td>Ballast Cord NLV Schematic (1.25)</td>
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<td>1000W 50Hz 120V Schematic (1.27)</td>
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## Wire Schematic Page Connection Table

<table>
<thead>
<tr>
<th>Schematic Page</th>
<th>1st Connection Page(s)</th>
<th>2nd Connection Page(s)</th>
<th>3rd Connection Page(s)</th>
<th>4th Connection Page(s)</th>
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<tr>
<td>LED Drivers NLV Schematic (1.29)</td>
<td>(1.24)</td>
<td>(1.31)</td>
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<td>4-Metal Halide Lamps Light Bar Schematic (1.30)</td>
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<td>4-LED Lamps Light Bar Schematic (1.31)</td>
<td>(1.29)</td>
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<td>C1000 Electric Winch NLV Schematic (Old Version)</td>
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<td>C1000 Electric Winch NLV Schematic (New Version)</td>
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1.1 - Tail Light Harness Schematic (Old Version)

1st Connection (TO 1.3)

LEFT TAIL LIGHT
- WHITE
- RED
- BLACK

LICENSE PLATE LIGHT
- BROWN
- WHITE

MARKER LIGHTS
- BROWN
- WHITE

RIGHT TAIL LIGHT
- WHITE
- RED
- BLACK

FOUR PIN CONNECTOR
- WHITE
- BROWN
- YELLOW
- GREEN

FLAT CONNECTOR
1.2 - Front Marker Lights Schematic

Front Marker Light

White
Brown

Front Marker Light

White
Brown

To Rear Marker Lights

1st Connection (To 1.3)

107268
1.3 - Rear Marker Lights Schematic

2nd Connection (TO 1.2)

TO FRONT MARKER LIGHTS

WHITE
BROWN

1st Connection (TO 1.1)

TO TAILIGHT HARNESS

White
Brown

REAR MARKER LIGHT

REAR MARKER LIGHT

Not For Reproduction
1.4 - Tail Light Harness Schematic (New Version)

No Connections
1.5 - 6/4 50/60Hz 6/8kW Generator Cord Schematic

**GENERATOR TERMINAL BLOCK CONNECTIONS**

<table>
<thead>
<tr>
<th>6/4 CORD WIRE</th>
<th>MARATHON 50/60 Hz</th>
<th>ATHLON 50/60 Hz</th>
<th>COLISEUM 60 Hz</th>
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<tr>
<td>RED</td>
<td>3</td>
<td>L1</td>
<td>11</td>
<td>11</td>
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<tr>
<td>WHITE</td>
<td>2</td>
<td>L2</td>
<td>33</td>
<td>33</td>
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<tr>
<td>BLACK</td>
<td>1</td>
<td>L3</td>
<td>44</td>
<td>66</td>
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<tr>
<td>GREEN</td>
<td>GROUND STUD</td>
<td>GROUND STUD</td>
<td>22</td>
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</table>
1.6 - 10/4 50/60Hz 6/8kW Generator Cord Schematic

**GENERATOR TERMINAL BLOCK CONNECTIONS**

<table>
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<tr>
<th>10/4 CORD WIRE</th>
<th>MARATHON 50/60 Hz</th>
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<td>GROUND STUD</td>
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1.7 - NLV SLS Relay Schematic

1st Connection (TO 1.5 or 1.6)

FROM 240V GENERATOR

2 PORT LEVER LOCK

BLACK 16 AWG

MAIN BREAKER

TO CIRCUIT BREAKERS FOR LIGHTS AND OUTLETS

2nd Connection (TO 1.15, 1.16, 1.17, 1.18, 1.19, or 1.20)

120 VOLT RELAY

12 PORT LEVER LOCK

NORMALLY OPEN

RED 16 AWG

GREEN 16 AWG

MAIN BREAKER

AC GROUND

3rd Connection (TO 1.12)

12 PIN PLUG SLS MODULE

4th Connection (TO 1.12)

6 PIN PLUG KEY SWITCH

Not For Reproduction
1.8 - NLV LSC 2.1 Transformer Schematic

1st Connection
(TO 1.5 or 1.6)

FROM 240V GENERATOR

MAIN BREAKER

TO CIRCUIT BREAKERS
FOR LIGHTS AND OUTLETS

2nd Connection
(TO 1.15, 1.16, 1.17, 1.18, 1.19, or 1.20)

18 PIN
LSC CONNECTOR

3rd Connection
(TO 1.13)
1.9 - Mitsubishi L3E Engine Harness Schematic

1st Connection
(TO 1.12 or 1.13)

3rd Connection
(TO 1.12 or 1.13)

2nd Connection
(TO 1.12 or 1.13)

4th Connection
(TO 1.13)
1.10 - Kubota D1005 Engine Harness Schematic

1st Connection
(TO 1.12 or 1.13)

2nd Connection
(TO 1.12 or 1.13)

3rd Connection
(TO 1.12 or 1.13)

4th Connection
(TO 1.13)

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1.15 - 1-GFCI, 1-4 Prong Twistlock NLV Outlet Panel Schematic

1st Connection (TO 1.7 or 1.8)

- DPST MAIN BREAKER
- 20 AMP POP OUT BREAKER
- 30 AMP DPST BREAKER
- 20 AMP GFCI
- 30 AMP 250 VOLT 4 PRONG TWISTLOCK

Wiring Diagram:
- RED - 12 AWG
- RED - 10 AWG
- BLACK - 10 AWG
- BLACK
- WHITE
- GREEN
- WHITE

Allmand®
1.17 - 1-GFCI, 1-30A RV, 1-4 Prong Twistlock NLV Outlet Schematic

1st Connection (TO 1.7 or 1.8)

- DPST MAIN BREAKER
- 30 AMP SPST BREAKER
- 20 AMP POP OUT BREAKER
- 30 AMP DPST BREAKER
- 30 AMP DPST BREAKER
- 30 AMP RV
- 30 AMP 250 VOLT 4 PRONG TWISTLOCK
- AC GROUND
- NEUTRAL ISOLATOR
- RED - 12 AWG
- BLACK - 10 AWG
- RED - 10 AWG
- BLACK - 10 AWG
- GREEN - 12 AWG
- GREEN - 10 AWG
- WHITE - 12 AWG
- WHITE - 10 AWG
- WHITE - 10 AWG
- RED - 12 AWG
- RED - 10 AWG
- GREEN - 12 AWG
- GREEN - 10 AWG
- BLACK - 10 AWG

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1st Connection (TO 1.7 or 1.8)

- DPST MAIN BREAKER
- RED - 12 AWG
- BLACK - 12 AWG
- GREEN - 12 AWG
- WHITE - 12 AWG
- NEUTRAL ISOLATOR
- AC GROUND
- 20 AMP POP OUT BREAKER
- 20 AMP GFCI

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Not For Reproduction
1.19 - 2-Schuko NLV Outlet Schematic

1st Connection (TO 1.7 or 1.8)

- DPST MAIN BREAKER
- BLACK - 12 AWG
- RED - 12 AWG

15 AMP DPST BREAKER
- BLACK - 12 AWG
- RED - 12 AWG
- GREEN - 12 AWG

16 AMP 250 VOLT SCHUKO

+ AC GROUND
- BLACK - 12 AWG
- RED - 12 AWG
- GREEN - 12 AWG
1.20 - Main Breaker to Light Switches Schematic

1st Connection (TO 1.7 or 1.8)

DPST MAIN BREAKER

RED - 10 AWG

15A SPST BREAKER 1

TO LIGHT RELAY 1

2nd Connection (TO 1.21, 1.22, 1.23, or 1.24)

15A SPST BREAKER 2

TO LIGHT RELAY 2

15A SPST BREAKER 3

TO LIGHT RELAY 3

15A SPST BREAKER 4

TO LIGHT RELAY 4

BLACK - 10 AWG
1.21 - 4-Light 4-725 Relay NLV Schematic (Old Version)
Night-Lite V-Series

1.22 - 4-Light 4-725 Relay NLV Schematic (New Version)

1st Connection
(TO 1.12 or 1.13)

2nd Connection
(TO 1.20)

3rd Connection
(TO 1.25)

DC GROUND

TO LIGHT BREAKER 1
RED 10 AWG
BLACK 12 AWG

TO LIGHT BREAKER 2
BLACK 16 AWG

TO LIGHT BREAKER 3
BLACK 16 AWG
TAN 16 AWG

TO LIGHT BREAKER 4
BLACK 10 AWG

TO LIGHT RELAY 1
RED 10 AWG
BLACK 12 AWG
GRAY 16 AWG

TO LIGHT RELAY 2
GRAY 16 AWG

TO LIGHT RELAY 3
BLACK 12 AWG
TAN 16 AWG

TO LIGHT RELAY 4
BLACK 12 AWG
GRAY 16 AWG

TO SLS MODULE

TO LIGHT BALLASTS

TERMINAL BLOCK
1.24 - 4-Light 4-LED Relay NLV Schematic
1.26 - 1000W 60Hz 120V Ballast Schematic

1st Connection

(JUNCTION/CONTROL BOX
(TO 1.25)

#1 14/4 CORD
#2 14/4 CORD

#1 BLACK
#2 BLACK

#1 RED
#2 RED

#1 GREEN
#2 GREEN

#1 WHITE
#2 WHITE

2 PORT LEVER LOCK

2 PORT LEVER LOCK

2 PORT LEVER LOCK

1000W METAL HALIDE LAMP TRANSFORMER BALLAST

28μF ±3% 480V CAPACITOR

120V TAP

COM

1000W METAL HALIDE LAMP TRANSFORMER BALLAST

28μF ±3% 480V CAPACITOR

120V TAP

CAP

COM
1.29 - LED Drivers NLV Schematic
1.31 - 4-LED Lamps Light Bar Schematic
Night-Lite V-Series

1.32 - C1000 Electric Winch NLV Schematic (Old Version)

1st Connection
(TO 1.12 or 1.13)
1.34 - SH 1000 Electric Winch NLV Schematic

1st Connection (TO 1.12 or 1.13)
Night-Lite V-Series

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Holdrege, NE 68949
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