The following instructions are intended to assist the user with the installation of the Light Kit for use on a Multiquip Ride-On Trowel model LD6. Please read all assembly instructions before installing the kit.

**REQUIRED TOOLS**
- 10 mm wrench or socket
- 13 mm wrench or socket

**PARTS**
Verify that all parts are accounted for. See Figure 1 and Table 1.

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>45606</td>
<td>Light Kit, LD6</td>
<td>1</td>
<td>Includes items 2–8</td>
</tr>
<tr>
<td>2</td>
<td>45573</td>
<td>Work Light, 4” Sq. LED 100°</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>42179-001</td>
<td>Actuator, Carling Contura V-Series</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>42178-002</td>
<td>Switch Base, 10 Term, On-Off</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>45381</td>
<td>Harness, LD6 Light Kit</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>42344</td>
<td>Nut, Nyloc, M8-1.25, Class 8.8</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>946703</td>
<td>Screw, HHC M8-1.25 x 25 mm Gr 10.9</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>45716</td>
<td>Instructions, Light Kit, LD6</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>N/A</td>
<td>Tie, Cable</td>
<td>5</td>
<td>Source locally</td>
</tr>
</tbody>
</table>

Figure 1. LD6 Light Kit
WORK SAFELY!

Only a **qualified service technician** with proper training should perform this installation. Follow all shop safety rules while performing this installation.

PREPARATION

1. Make sure the trowel is turned **OFF** and the engine is cool.
2. Disconnect the negative (BLACK) battery cable from the negative (–) terminal on the battery.

INSTALLATION OF WORKLIGHTS

Secure the six LED worklights (P/N 45573) to the trowel frame using six hex head screws (P/N 946703) and six nyloc nuts (P/N 42344). See Figure 2 and Figure 3 for the worklight mounting locations.

**NOTICE**

The left- and right-side control panels will need to be removed for installation of the side lights. See Figure 2 and Figure 3.

WIRING HARNESS INSTALLATION

1. Tilt the operator's seat forward to access the electrical panel (Figure 4).

   ![Figure 4. Access Electrical Panel](image)

   OPERATOR'S SEAT
   ELECTRICAL PANEL

2. Remove the cap from the accessory power jack on the electrical panel and set it aside (Figure 5).

   ![Figure 5. Remove Accessory Power Jack Cap](image)

   ACCESSORY POWER JACK
   REMOVE CAP
   REMOVE CAP
   EXISTING HARNESS

LD6 RIDE-ON TROWEL — LIGHT KIT INSTALLATION INSTRUCTIONS P/N 45716 — REV. #0 (02/26/20) — PAGE 2
3. Plug connector P1 from the light kit wiring harness (P/N 45381) into the accessory power jack. See Figure 6.

4. Install connector J1 from the light kit wiring harness (P/N 45381) onto the next open mounting clip on the electrical panel. This will be the new accessory power jack for any future kit installations. See Figure 7.

5. Install the cap that was removed during Step #3 onto the new accessory power jack (Figure 8).

6. From the electrical panel, run the light kit wiring harness (P/N 45381) straight back to the cross seat brace, along the cross seat brace to the other side of the machine, then forward to the left-side control panel. Use cable ties to secure the harness to the cross seat brace. See Figure 9.

**Figure 6. Connect Light Kit Harness to Accessory Power Jack**

**Figure 7. Install New Accessory Power Jack**

**Figure 8. Install New Accessory Power Jack Cap**

**Figure 9. Install Wiring Harness**

**LIGHT SWITCH INSTALLATION**

1. Remove the plug from the left-side control panel (Figure 10).

**Figure 10. Remove Plug**
2. Install the light switch actuator (P/N 42179-001) onto the light switch base (P/N 42178-002). See Figure 11.

Figure 11. Assemble Light Switch

3. Bring connector P2 from the light kit wiring harness (P/N 45381) up through the open hole in the left-side control panel. See Figure 12.

**NOTICE**
The left-side control panel will need to be removed for installation of the switch.

4. Connect the light switch base (P/N 42178-002) to connector P2 from the light kit wiring harness (P/N 45381). See Figure 12.

5. Push the light switch assembly into the open hole in the left-side control panel (Figure 13). Make sure it is properly seated in the hole.

Figure 13. Install Light Switch

**CONNECTION OF WORKLIGHTS**
Plug the six remaining connectors P3–P8 from the light kit wiring harness (P/N 45381) into the six worklights (P/N 45573) installed on the machine.

Figure 14. Connect Worklights
Figure 15. Wiring Diagram

LD6 RIDE-ON TROWEL — LIGHT KIT INSTALLATION INSTRUCTIONS P/N 45716 — REV. #0 (02/26/20) — PAGE 5
HERE’S HOW TO GET HELP
PLEASE HAVE THE MODEL AND SERIAL NUMBER ON-HAND WHEN CALLING

UNITED STATES
Multiquip Inc.
(310) 537- 3700
6141 Katella Avenue Suite 200
Cypress, CA  90630
E-MAIL: mq@multiquip.com
WEBSITE: www.multiquip.com

CANADA
Multiquip
(450) 625-2244
4110 Industriel Boul.
Laval, Quebec, Canada H7L 6V3
E-MAIL: infocanada@multiquip.com

UNITED KINGDOM
Multiquip (UK) Limited Head Office
0161 339 2223
Unit 2, Northpoint Industrial Estate,
Globe Lane,
Dukinfield, Cheshire SK16 4UJ
E-MAIL: sales@multiquip.co.uk

© COPYRIGHT 2020, MULTIQUIP INC.
Multiquip Inc and the MQ logo are registered trademarks of Multiquip Inc. and may not be used, reproduced, or altered without written permission. All other trademarks are the property of their respective owners and used with permission.

The information and specifications included in this publication were in effect at the time of approval for printing. Illustrations, descriptions, references and technical data contained in this document are for guidance only and may not be considered as binding. Multiquip Inc. reserves the right to discontinue or change specifications, design or the information published in this publication at any time without notice and without incurring any obligations.

Your Local Dealer is: