

# Field installation kit, worklight on rear fender

AL205374



**JOHN DEERE**

## INSTALLATION INSTRUCTIONS

MHM1121 21JAN11 (ENGLISCH)

European-version tractors 6230 Premium to 6930 Premium,  
7430 Premium, 7530 Premium, 7430 E Premium and 7530  
E Premium; tractors for North America 6230 Premium to  
6430 Premium and 7130 Premium to 7530 Premium

**John Deere Werke Mannheim**  
**MHM1121 (21JAN11)**

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MHM1121-19-21JAN11



## Check Status of Installation Instructions

**IMPORTANT:** Before starting installation work, check if there is a newer version of the

Installation Instructions in Pathways:  
<http://jdsearch.deere.com/servlet/SearchServlet?SearchID=agdlrdoc>.

LX26150,00004A1 -19-03FEB10-1/1

## Recognize Safety Information

This is a safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



T81389 —UN—07DEC88

DX,ALERT -19-29SEP98-1/1

## Understand Signal Words

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



**▲ WARNING**

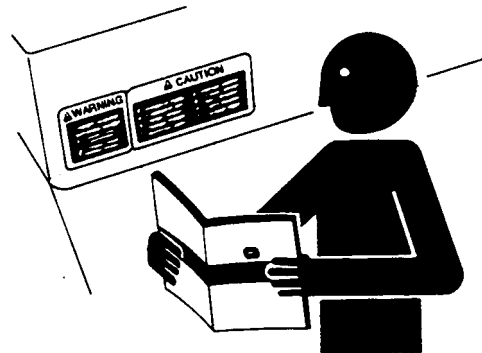
**▲ CAUTION**

TS187 —19—30SEP88

DX,SIGNAL -19-03MAR93-1/1

## Follow Safety Instructions

Carefully read all safety messages in this instruction. Read the product operators manual for operating instructions and safety messages. Do not let anyone operate without instruction. (A copy of the operators manual may also be available from the Service ADVISOR™ application.)



TS201 —UN—23AUG88

*Service ADVISOR is a trademark of Deere & Company*

DX,READ,INS -19-23JUN09-1/1

## Observe Safety Instructions in Relevant Technical Manual

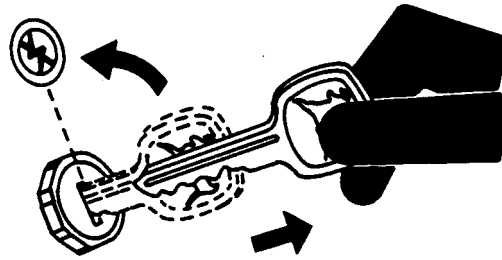
**⚠ CAUTION:** When performing the work described below, comply with the safety instructions in the relevant Technical Manuals.

LX25500,000029A -19-17JUL09-1/1

## Park Machine Safely

Before working on the machine:

- Lower all equipment to the ground.
- Stop the engine and remove the key.
- Disconnect the battery ground strap.
- Hang a "DO NOT OPERATE" tag in operator station.



TS230 —JUN—24MAY89

DX,PARK -19-04JUN90-1/1

## General Information

**⚠ CAUTION:** When performing the work described below, comply with the safety instructions in the relevant Technical Manuals.

*NOTE:* For related work, refer to the relevant Technical Manual.

*NOTE:* Where torques for screws and screw unions are not specified here, refer to the relevant Technical Manual.

*NOTE:* Due to the variety of tractor types and materials used, it is not possible in these installation instructions to describe and illustrate all the different methods of installation.

LX26150,00006D6 -19-28OCT09-1/1

## Lights with Halogen Bulbs

### Safety instructions for replacing halogen bulbs

When replacing a halogen bulb, always comply with the following safety instructions:

- CAUTION:** Always switch the lights off before you change a bulb.
- CAUTION:** First allow the bulb to cool down (may cause burns).
- CAUTION:** Wear safety goggles and gloves when changing the bulb.
- CAUTION:** The bulb is made of glass and contains halogen gas; the bulb is under high pressure, so there is a risk of it shattering.
- CAUTION:** Do NOT use any bulbs that have fallen on the ground or have scratches on their surface, as there is a risk of them shattering.

**CAUTION:** Make sure that the bulb is seated correctly in its holder in the light.

**CAUTION:** Check the light for signs of damage and make sure the seals are seated correctly.

**IMPORTANT:** Use only bulbs that require 12 volts and are of the same type and wattage as the bulb that is being replaced.

**IMPORTANT:** Never touch the glass surface of the halogen bulb, hold it only by its base.

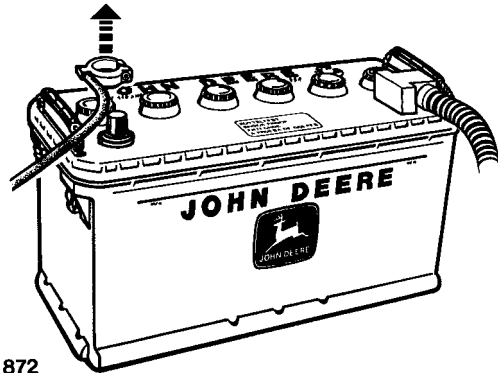
**IMPORTANT:** Use a clean cloth and alcohol to remove any fingerprints from the glass bulb.

**IMPORTANT:** Old halogen bulbs that have been replaced must be disposed of properly (i.e. as hazardous waste).

LX26150,00000BA -19-06SEP06-1/1

## Disconnecting the Battery

**CAUTION:** Disconnect the negative terminal first. When reconnecting, do the positive terminal first. Always pay attention to the positive/negative markings on the battery.



LX 000872

LX000872—UN—19SEP94

LX26150,00000AD -19-29JAN02-1/1

## Summary

Install the worklight on the left fender for left-hand traffic and on the right fender for right-hand traffic.

Type of traffic	Tractors	Location of license plate light	Location of worklight	Region
Left-hand traffic	6230 Premium to 6930 Premium	Right fender	Left fender	European version
	7430 Premium and 7530 Premium	Right fender	Left fender	European version
	7430 E Premium and 7530 E Premium	Right fender	Left fender	European version
Right-hand traffic	6230 Premium to 6930 Premium	Left fender	Right fender	European version
	7430 Premium and 7530 Premium	Left fender	Right fender	European version
	7430 E Premium and 7530 E Premium	Left fender	Right fender	European version
Right-hand traffic	6230 Premium to 6430 Premium	Left fender	Right fender	North America
	7130 Premium to 7530 Premium	Left fender	Right fender	North America

LX26150,00003F9 -19-30OCT09-1/1

## Extra Parts That are Required

**NOTE:** When leaving the factory, the light is equipped with a gray ring; if a silver-colored ring is

*required, this can be ordered separately through normal parts channels.*

Part number	Designation	Tractor models	Quantity
AL205375	Ring for worklight (silver)	for all 6x30 Premium and 7x30 Premium models	2

LX26150,00006E4 -19-25JAN10-1/1

## Preliminary work

Remove the rear wheels if necessary.

Support the tractor safely and remove the rear wheels, see Section 80, Group 10 of the Technical Manual.

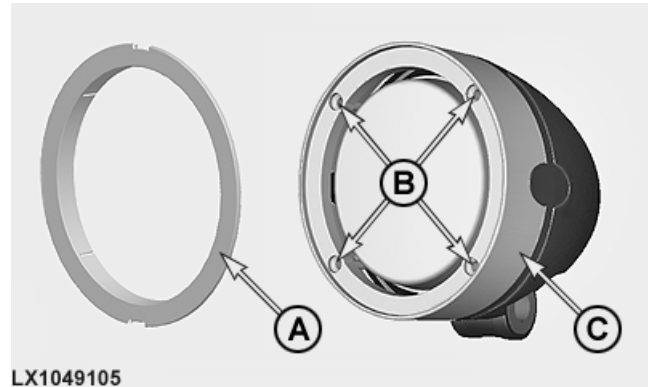
LX26150,000044A -19-03AUG06-1/1

## Replace the Ring on the Light

**NOTE:** On leaving the factory, worklights are equipped with a gray ring. If a silver ring is desired, order parts kit AL205375 separately (one for each light) through normal parts channels and replace the rings on the lights.

Take off existing ring (A), remove screws (B) and lift off glass mounting (C).

Secure the new glass mounting with the screws and install the new ring.



LX1049105—UN—15DEC09

A—Ring  
B—Screws

C—Glass mounting

LX26150,00006ED -19-25JAN10-1/1

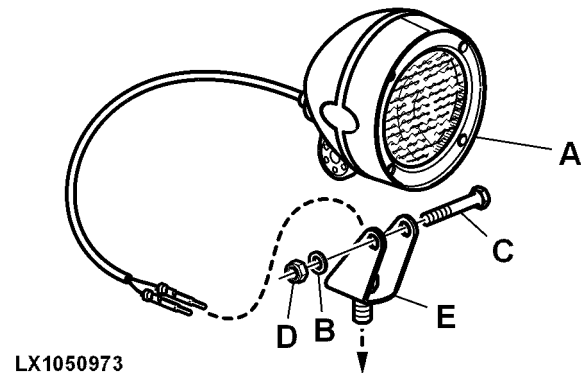
## Pre-assembling the Worklight

Secure worklight (A) to bracket (E), using cap screw (C), hex. nut (D) and washer (B).

Route the connection lead through the opening of the bracket (see arrow).

A—Worklight  
B—Spring Washer  
C—Cap Screw

D—Hex. Nut  
E—Bracket



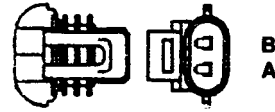
LX1050973—UN—18JAN11

LX26150,00004EA -19-19JAN11-1/1

## Assembling the Worklight Plugs

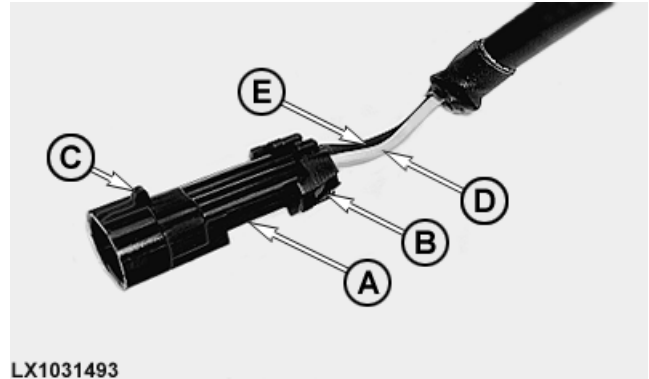
In male terminal body<sup>1</sup> (A), insert white cable (D) in pos. A and black cable (E) in pos. B. Note lug (C). Put contact lock (B) on male terminal body (A).

A—Male terminal body      D—White  
B—Contact lock            E—Black  
C—Lug



LX013177

LX013177 —UN—12DEC96



LX1031493

LX1031493 —UN—17JAN03

<sup>1</sup>See drawing

LX26150,00001C4 -19-22MAY06-1/1

## Installing the Worklight

*NOTE: Depending on equipment and region, the worklight is installed either on the right or on the left fender.*

*NOTE: Installation on the right-hand side is described here; installation on the left-hand side is identical.*

1. Remove stopper (A) from the fender.

A—Stopper



LX1039123

LX1039123 —UN—31JUL06

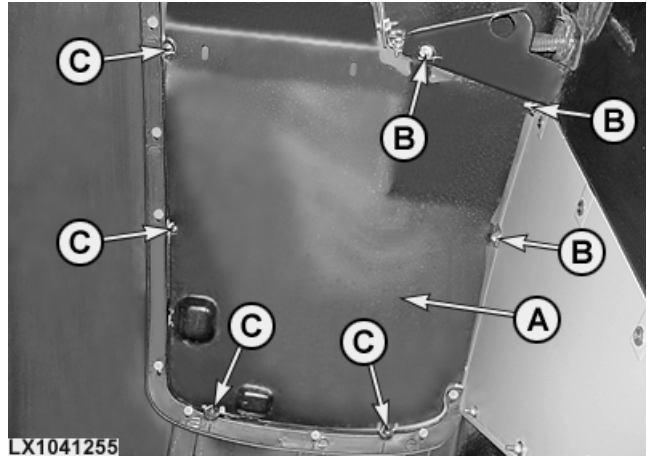
Continued on next page

LX26150,000041A -19-03AUG06-1/5

2. Remove screws (A) and (C) and remove panel (A).

A—Metal panel  
B—Screws

C—Screws



LX1041255

LX1041255 —UN—31JUL06

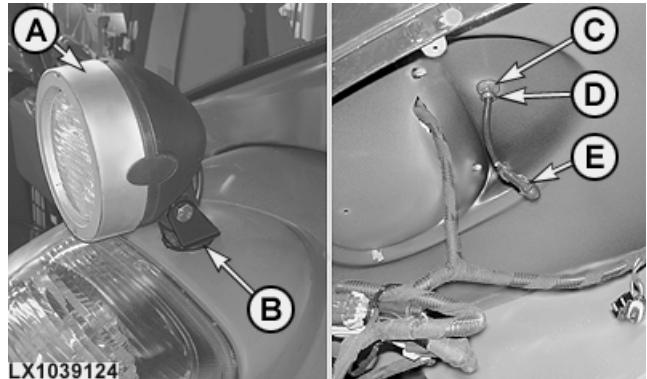
LX26150,000041A -19-03AUG06-2/5

3. Install the pre-assembled worklight (A) on the fender using washers (B) and (C) and hex. nut (D).

Assemble the worklight plug (E) as described.

A—Worklight  
B—Washers  
C—Washers

D—Hex. nut  
E—Worklight plug



LX1039124

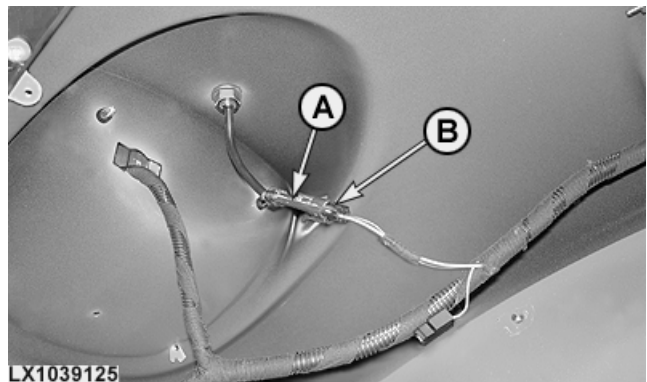
LX1039124 —UN—31JUL06

LX26150,000041A -19-03AUG06-3/5

4. Connect worklight plug (A) to wiring harness plug<sup>1</sup> (B).  
Reinstall the metal panel.

A—Worklight plug

B—Wiring harness plug X174F (left) or X106F (right)



LX1039125

LX1039125 —UN—31JUL06

<sup>1</sup>Plug X106F shown

Continued on next page

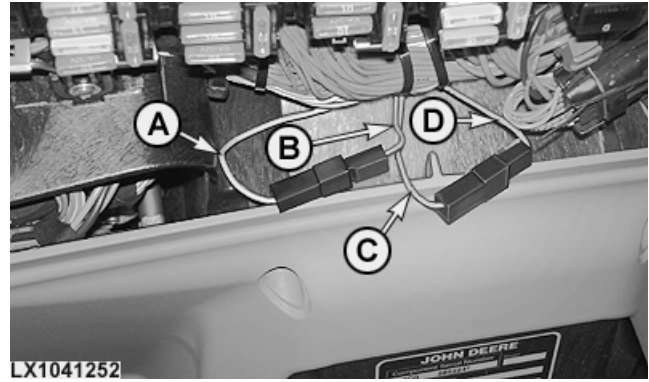
LX26150,000041A -19-03AUG06-4/5



**NOTE:** The coding plugs (A) - (D) are located below or behind the fuse box.

5. The coding plugs (A) - (D) must be reconnected for the different options as follows.

Lead	Lead	Function	Tractor side
Orange (A)	Orange (B)	Worklight	Right
Gray (C)	Gray (D)	License plate light	Left
Orange (A)	Gray (D)	Worklight	Left
Orange (B)	Gray (C)	License plate light	Right



LX1041252 —UN—03AUG06

LX1041252

LX26150,000041A -19-03AUG06-5/5

**A—Orange coding plug**  
**B—Orange coding plug**

**C—Gray coding plug**  
**D—Gray coding plug**

### Re-installing Tractor Components

Re-install the rear wheels and tighten to 500 N·m (370 lb-ft).

Lower the tractor to the ground.

LX26150,00000ED -19-19MAR02-1/1

### Settings at the CommandCenter (DTI)

In order to configure the lights, it is necessary to check the relevant values in various input addresses via the CommandCenter (DTI); it may be necessary to change these values.

See the following pages:

**“Operation and Entering the Program Mode with the CommandCenter (DTI)”**

**“Summary of the Various Lights”**

**“Activate the Function (Configuring Control Units)”**

LX26150,0000488 -19-25JAN07-1/1

## Operation and Entering the Program Mode with the CommandCenter (DTI)

### Entering program mode using the CommandCenter (DTI) and changing the input addresses

#### Entering via CommandCenter (DTI)

*NOTE: If active diagnostic trouble codes are displayed, confirm them at button (D).*

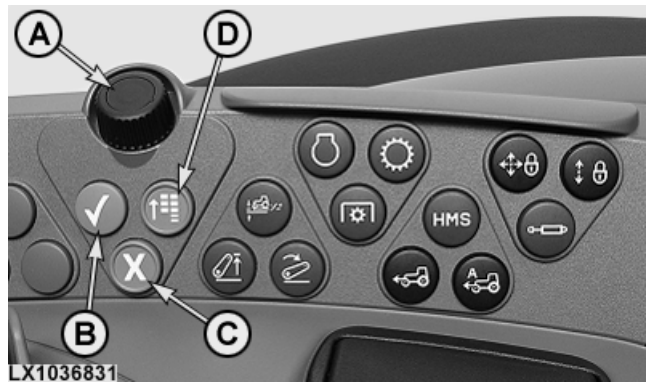
1. Press the "Main menu" button (D) to access the main menu.
2. Use the selection wheel to select "Messages" (E) and press the "Confirm" button.
3. Use the selection wheel to select "Diagnostic addresses" (F) and press the "Confirm" button.
4. Use the selection wheel to select the relevant control unit (BCU, DTI, BIF etc.) and press the "Confirm" button.
5. Use the selection wheel to select the relevant input addresses and press the "Confirm" button.

#### Changing input addresses via the CommandCenter (DTI)

1. Use the selection wheel to select the relevant address, and confirm.
2. Confirm the current value and key the new value in at the address.
3. Confirm the new value, select "Confirm", and confirm.
4. Check whether the correct value has been keyed in.

A—Selection wheel  
B—"Confirm" button  
C—"Cancel" button  
D—"Main menu" button

E—Messages  
F—Diagnostic addresses  
G—Diagnostic trouble codes



LX1036831

LX1036831 —UN—26OCT06



LX1036833

LX1036833 —UN—15NOV05

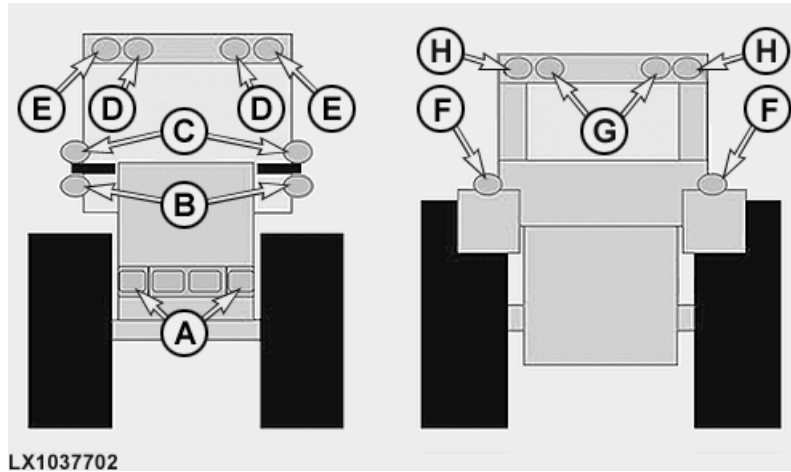


LX1036834

LX1036834 —UN—15NOV05

LX26150,0000486 -19-29JAN07-1/1

### Summary of the Various Lights



LX1037702

**A**—Front corner worklights  
**B**—Worklights on cab frame  
 (below beltline)

**C**—XENON (HID) worklights on  
 cab frame (above beltline)  
**D**—Worklights on front of roof,  
 inner positions

**E**—Worklights on front of roof,  
 outer positions  
**F**—Worklights on fenders

**G**—XENON (HID) worklights on  
 rear of roof, inner positions  
**H**—XENON (HID) worklights on  
 rear of roof, outer positions

LX26150,0000487 -19-26OCT06-1/1

LX1037702 —UN—09FEB06

**Activate the Function (Configuring Control Units)**

LX26150,00003F5 -19-19JAN11-1/4

**Configuration of worklight on fender**

LX26150,00003F5 -19-19JAN11-2/4

**Input address BCU073**

At the address, key in the value X1XXXX (if there is a worklight on the fender).

*NOTE: X stands for a digit already on the display.**Make a note of the existing value and change only the entry that is required. Do NOT change the values at the locations marked with an X, as this will de-activate other lights on the tractor.**NOTE: The value in the CommandCenter (DTI) appears only from the first 1, e.g. the value 101 on the display corresponds to 000101 in the control unit's memory. The 6 digits are displayed in their entirety only if the first digit is not a zero.*

Existing value (example)	X	0	X	X	X	X
Required input	X	<b>1</b>	X	X	X	X
<b>Value to be keyed in</b> (example)	X	1	X	X	X	X

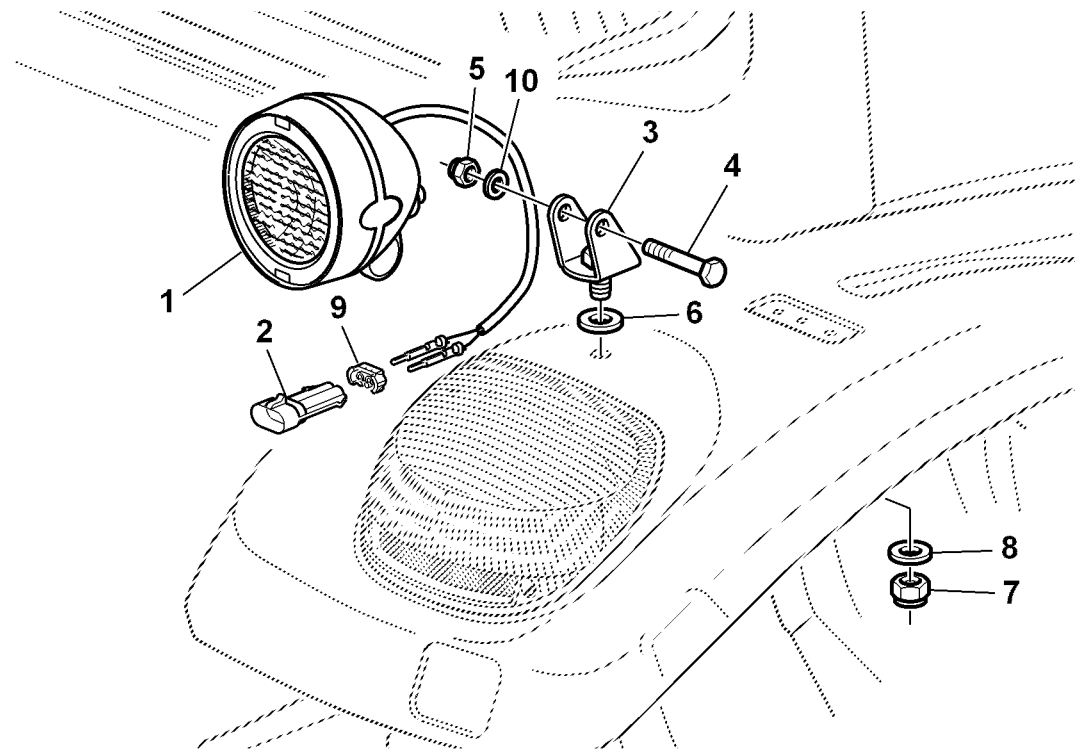
**OK:** Change the next address.**NOT OK:** Repeat the input.

LX26150,00003F5 -19-19JAN11-3/4

**Input address DTI155**At the address, key in the value **1** (if there is a worklight on the fender).**OK:** End of input.**NOT OK:** Repeat the input.

LX26150,00003F5 -19-19JAN11-4/4

## Parts List for Field Installation Kit AL205374



LX1049102—UN—01DEC09

LX1049102

Item	Part no.	Designation	Quantity
1	AL202743	Worklight	1
2	57M7256	Male terminal body MPM-150	1
3	AL78675	Bracket	1
4	19M7269	M8 x 50 cap screw	1
5	14M7166	M8 hex. nut	1
6	L58892	Washer	1
7	24M7047	Washer	1
8	14M7367	Retaining nut	1
9	57M7289	Locking cap MPV-150	1
10	12M5442	Spring washer	1
11	AL205375 <sup>a,b</sup>	Ring for worklight (silver)	2
	MHM1121	Installation instructions	1

<sup>a</sup>NOT included in the field kit; if required, order separately through normal parts channels.

<sup>b</sup>Not illustrated

LX26150,00006E3 -19-27JAN10-1/1





