



INSTRUCTION BULLETIN

No. 3772
Machine: 7400
Published: 1-96/00
System: OPTIONS

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation Instructions for Kit numbers 25761, 25763, 25765, and 25767

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a revolving or flashing light on the model 7400 scrubber. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: None

(Estimated Time to complete: 1 hour)

PREPARATION:

(Refer to FIG. 1)

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.

1. Lift the operators seat and engage the prop rod.
2. Locate the rev/flashing light harness plug (wire numbers 62/YEL and 13KK/BLK) near the detergent pump under the operators seat. (Refer to FIG. 1)
3. Plug the rev/flashing light harness (60288 lintel mounted and 71543 OHG mounted) into the machine harness. (Refer to FIG. 1)
4. Route the harness up the back of the lintel so it comes out in the area of the mounting holes for the rear, inside leg of the OHG. (Refer to FIG. 1)

NOTE: Use a number of cable ties (55248) to secure the harness away from any moving or hot parts. (Refer to FIG. 1)

INSTALLATION OF OHG MOUNTED REV/FLASHING LIGHT:

(Refer to FIG. 1 and 3)

1. Install the rubber grommet (10632-2) in larger hole in the light mount plate (57220). (Refer to FIG. 1)
2. Install the snap plug terminal (55272) on the positive wire on the light (82199 rev or 82198 flashing). (Refer to FIG. 1 and 3)
3. Install the ring terminal (29192) on the ground wire of the flashing light (82198). (Refer to FIG. 1 and 3)
4. Run the wires through the grommet. (Refer to FIG. 1 and 3)
5. Connect the wires from the light to the light harness (60288). (Refer to FIG. 1 and 3)

6. Remove the nut from the threaded stud on the bottom of the light. (Refer to FIG. 1)
7. Place the light (82199 rev or 82198 flashing) and mount plate on top of the OHG--on the third bar from the inside. (Refer to FIG. 1)
8. Position the threaded stud of the light through the small hole in the center of the mount plate. (Refer to FIG. 1)
9. Place the mount plate bracket (59447) under the light/mount plate and over the threaded stud. (Refer to FIG. 1)
10. On the flashing light (82198), place the grounding ring on the threaded stud. (Refer to FIG. 1)

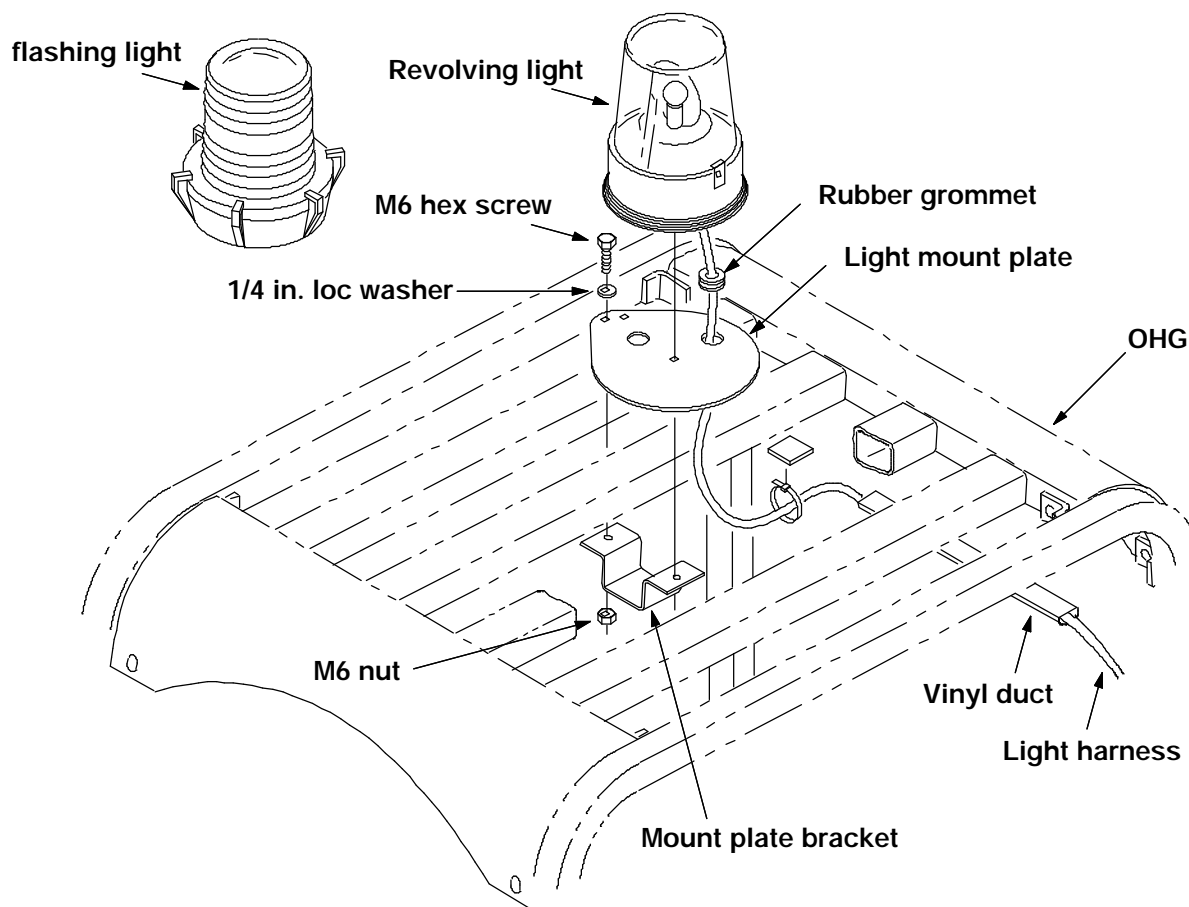


FIG. 1 - OHG Mounted Rev/flashing Light Assembly

11. Reinstall the nut on the threaded stud. Leave loose for now. (Refer to FIG. 1)
12. Install the M6 hex screw (06942), flat washer (32483), and M6 flange nut (07790) in the small hole on the outside edge of the mount plate. Firmly tighten the hardware. (Refer to FIG. 1)
13. Install the adhesive cable tie mount (55248) on the OHG bar, behind the mount plate. Install a cable tie and retain the light harness. (Refer to FIG. 1)
14. Install the vinyl ducts (86330 and 86332) so they will hold the wire harness to the top and side leg of the OHG. (Refer to FIG. 1)
15. Place the wire harness in the vinyl ducts. (Refer to FIG. 1)
16. Start the machine and check the light for proper operation.

INSTALLATION OF LINTEL MOUNTED REV/FLASHING LIGHT:

(Refer to FIG. 2 and 3)

1. Install the rubber grommet (10632-2) in larger hole in the light mount bracket (71645).
(Refer to FIG. 2)
2. Install the light mount bracket (71645) on the lintel behind the operators seat. Use the two M12 hex screws (41346), and two 1/2 in. flat washers (32486). Firmly tighten.
3. Install the snap plug terminal (55272) on the positive wire on the light (82199 rev or 82198 flashing). (Refer to FIG. 2 and 3)
4. Install the ring terminal (29192) on the ground wire of the flashing light (82198).
(Refer to FIG. 2 and 3)
5. Run the wires through the grommet. (Refer to FIG. 2 and 3)

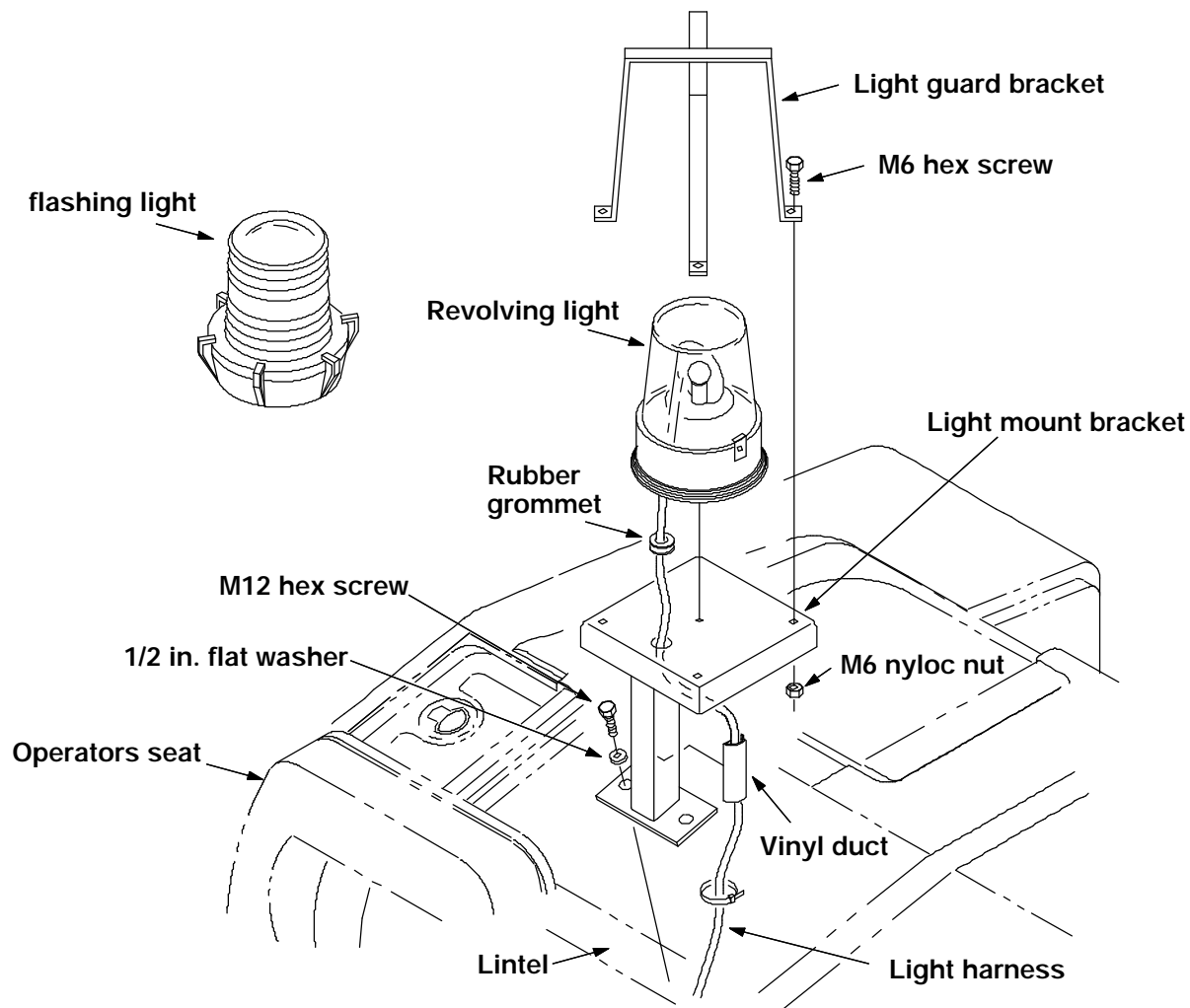


FIG. 2 - Lintel Mounted Rev/flashing Light Assembly

6. Connect the wires from the light to the light harness (60288). (Refer to FIG. 2 and 3)
7. Remove the nut from the threaded stud on the bottom of the light. (Refer to FIG. 2)
8. Place the light on top of the mount bracket (71645). (Refer to FIG. 2)
9. Position the threaded stud of the light through the small hole in the center of the mount bracket (71645). (Refer to FIG. 2)

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- The diagram illustrates the electrical system for a 1965 Ford Mustang 260ci V8. The power source is a BATTERY (1/RED) connected to a 13/BLK ground. The main power line (1/RED) branches into several circuits:
- Ignition and Charging:** The main line goes to the BATT. terminal (30) of the IGNITION SWITCH (S-3). The switch also controls the 50 terminal, which is connected to the 17 terminal, and the 19 terminal, which is connected to the ACC terminal. The 20/BLU wire (CB-1) is connected to the 15A terminal.
 - Headlights and Tail Lights:** The 62/YEL wire (M6) branches into:
 - 62A/YEL: HEADLIGHT R.H. (13CC/BLK)
 - 62B/YEL: HEADLIGHT L.H. (13DD/BLK)
 - 62E/BRN: TAIL LHT R.H. (13II/BLK)
 - 62D/BRN: TAIL LHT L.H. (13HH/BLK)
 - Brake and Reverse/Flasher:** The 59/BRN wire (M6) branches into:
 - 59A/BRN: BRAKE SWITCH (S-11)
 - 89/ORG: REV/FLSH LIGHT LRC (13KK/BLK)
 - 89B/ORA: TAIL LHT R.H. (13II/BLK)
 - 89A/ORA: TAIL LHT L.H. (13HH/BLK)
 - Alarm and Flasher:** The 92/PUR wire (M7) branches into:
 - 93/ORA: BACK-UP ALARM UNIT (13JJ/BLK)
 - 93A/ORA: FLASHER (13RR/BLK)
 - 93B/ORA: TAIL LHT R.H. (13II/BLK)
 - 94/YEL: TAIL LHT L.H. (13HH/BLK)
- The diagram also shows the 20C/BLU wire (CB-4, 15 AMP) connected to the 30 terminal of the IGNITION SWITCH (S-3).

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BILL OF MATERIALS FOR FLASHING LIGHT KIT 25761

Ref.	TENNANT Part No.	Description	Qty.
1	82198	Flashing light, 12V	1
2	55272	Snap plug terminal	1
3	29192	Ring terminal	1
4	57220	Light mount plate	1
5	59447	Light mount plate bracket	1
6	06942	M6 hex screw	1
7	32483	1/4 in. flat washer	1
8	07790	M6 flange nut	1
9	10632-2	Rubber grommet	1
10	60288	Electrical harness	1
11	49266	Cable tie	8
12	86330	Vinyl duct, 10 in.	2
13	86332	Vinyl duct, 26 in.	1
14	55248	Cable tie mount, adhesive	1

BILL OF MATERIALS FOR REVOLVING LIGHT KIT 25763

Ref.	TENNANT Part No.	Description	Qty.
1	82199	Revolving light, 12V amber	1
2	55272	Snap plug terminal	1
3	57220	Light mount plate	1
4	59447	Light mount plate bracket	1
5	06942	M6 hex screw	1
6	32483	1/4 in. flat washer	1
7	07790	M6 flange nut	1
8	10632-2	Rubber grommet	1
9	60288	Electrical harness	1
10	49266	Cable tie	8
11	86330	Vinyl duct, 10 in.	2
12	86332	Vinyl duct, 26 in.	1

BILL OF MATERIALS FOR FLASHING LIGHT KIT 25765

Ref.	TENNANT Part No.	Description	Qty.
1	71645	Rotating light bracket	1
2	41346	M12 hex screw	2
3	32486	1/2 in. flat washer	2
4	10632-9	Rubber grommet	1
5	82198	Flashing amber light, 12V	1
6	55272	Snap plug terminal	1
7	29192	Ring terminal	1
8	41140	1/4 in. loc washer	2
9	86333	Vinyl duct, 3.5 in.	1
10	71543	Electrical harness	1
11	49266	Cable tie	8
12	45272	Light guard	1
13	06943	M6 hex screw	4
14	08708	M6 nyloc nut	4
15	32483	1/4 in. flat washer	8

BILL OF MATERIALS FOR REVOLVING LIGHT KIT 25767

Ref.	TENNANT Part No.	Description	Qty.
1	71645	Rotating light bracket	1
2	41346	M12 hex screw	2
3	32486	1/2 in. flat washer	2
4	10632-9	Rubber grommet	1
5	82199	Revolving amber light, 12V	1
6	55272	Snap plug terminal	1
7	41140	1/4 in. loc washer	2
8	86333	Vinyl duct, 3.5 in.	1
9	71543	Electrical harness	1
10	49266	Cable tie	8
11	45272	Light guard	1
12	06943	M6 hex screw	4
13	08708	M6 nyloc nut	4
14	32483	1/4 in. flat washer	8

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