



# Road Light and Homologation Kit

## Multi-Pro® 5800 Turf Sprayer

Model No. 41603

Operator Manual

# Installation

## Loose Parts

Use the chart below to verify that all parts have been shipped.

Procedure	Description	Qty.	Use
<b>1</b>	Main beam light	2	Install the main beam lights.
	Wire harness headlight adapter	2	
<b>2</b>	Position light	2	Install the position lights.
	Hex-head flange nut (3/8 inch)	8	
	U-bolt	4	
	Signal indicator plate	2	
<b>3</b>	Flat washer	2	Install the signal controller.
	Hex nut (#6 - 32)	2	
	Locknut (#6)	2	
	Phillips pan-head screw (#6 x 2-1/2 inches)	2	
	Turn signal controller	1	
	Turn signal controller mounting bracket	1	
<b>4</b>	Brake light switch	1	Install the brake light switch.
	Brake light switch bracket	1	
<b>5</b>	Flasher module	1	Install the flasher module.
	Hex flange nut (1/4 inch)	1	
	Hex-head flange screw (1/4 x 3/4 inch)	1	
<b>6</b>	Rocker switch	1	Install the rocker switch.
<b>7</b>	Tail light	2	Install the tail lights.
	Hex-head flange screw (5/16 x 3/4 inch)	4	
	Flange nut (5/16 inch)	4	
	Left-hand signal bracket	1	
	Right-hand signal bracket	1	
<b>8</b>	Cable tie	10	Install the wire harness.
	Wire harness kit	1	

# 1

## Installing the Main Beam Lights

### Parts needed for this procedure:

2	Main beam light
2	Wire harness headlight adapter

### Procedure

1. Move the sprayer onto a level surface, set the parking brake, stop the pump, stop the engine, and remove the ignition key.
2. Remove the retainers that secure the headlights to the hood and remove the headlights.
3. Insert the new main beam lights (Figure 1), and secure them with the retainers that you removed in step 2.

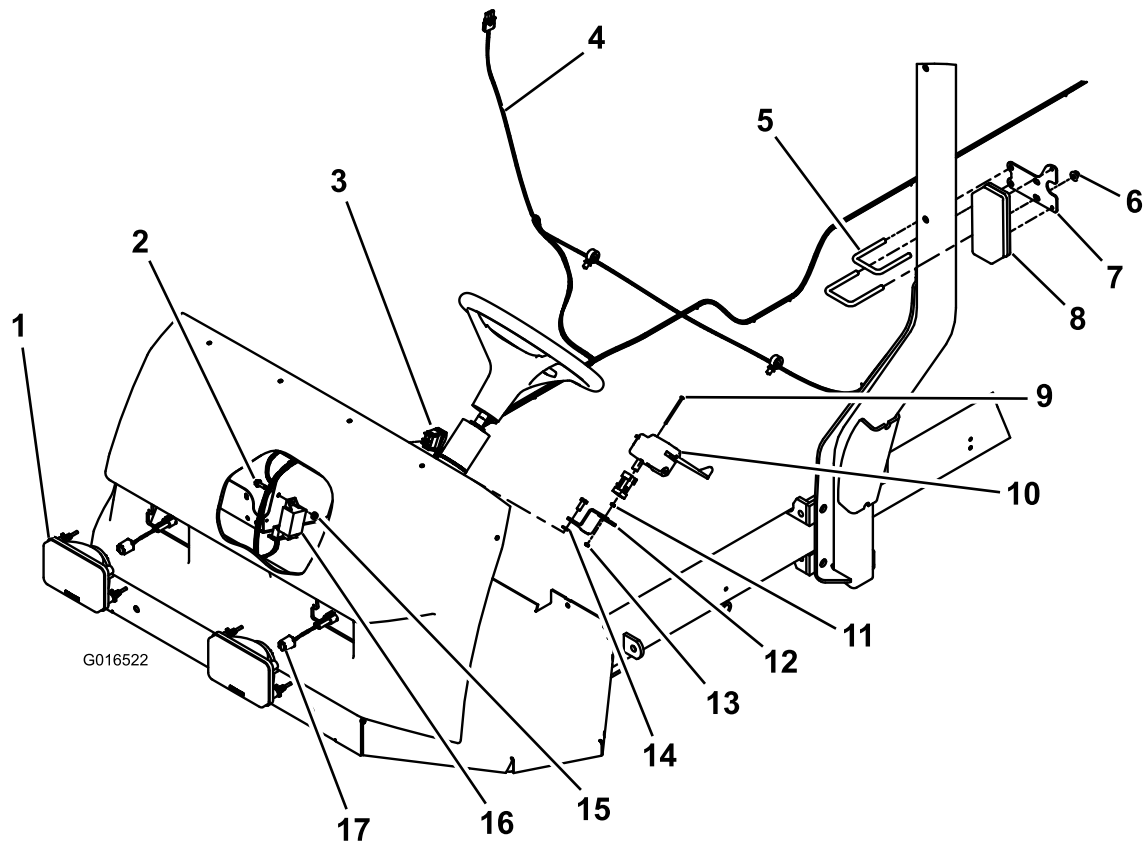


Figure 1

- |                                   |                                  |                                    |
|-----------------------------------|----------------------------------|------------------------------------|
| 1. Right-hand main beam light (2) | 7. Signal indicator plate (2)    | 13. Locknut                        |
| 2. Hex head flange screw          | 8. Position light (2)            | 14. Flat washer (2)                |
| 3. Rocker switch                  | 9. Phillips pan head screw (2)   | 15. Hex flange nut                 |
| 4. Wire harness                   | 10. Signal controller            | 16. Flasher module                 |
| 5. U-bolt (4)                     | 11. Hex nut                      | 17. Wire harness headlight adapter |
| 6. Flange nut (8)                 | 12. Turn indicator mount bracket |                                    |

**Note:** Ensure that the writing on the main beam lights is upright.

4. Plug a wire harness headlight adapter (from loose parts) into each main beam light.

# 2

## Installing the Position Lights

### Parts needed for this procedure:

2	Position light
8	Hex-head flange nut (3/8 inch)
4	U-bolt
2	Signal indicator plate

### Procedure

Install a position light onto each side of the rollover bar 58 inches (147 centimeters) from the ground to the top of the bracket as shown in Figure 1.

**Note:** Ensure that the amber lens on each light faces forward and on the bottom.

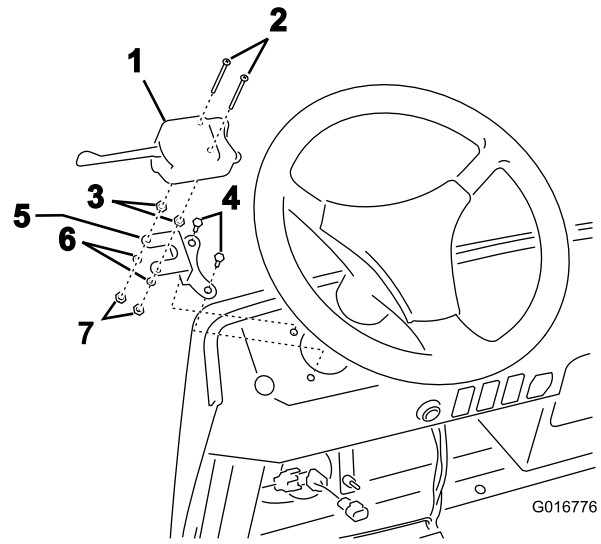


Figure 2

- |                             |  |
|-----------------------------|--|
| 1. Turn signal controller   | 5. Turn signal controller mounting bracket |
| 2. Phillips pan-head screws | 6. Flat washers                            |
| 3. Hex nuts                 | 7. Locknuts                                |
| 4. Bolts (existing)         |  |

# 3

## Installing the Turn Signal Controller

### Parts needed for this procedure:

2	Flat washer
2	Hex nut (#6 - 32)
2	Locknut (#6)
2	Phillips pan-head screw (#6 x 2-1/2 inches)
1	Turn signal controller
1	Turn signal controller mounting bracket

### Procedure

1. Remove the 2 bolts on the left-hand side of the steering column (Figure 1).

**Note:** Install the turn signal controller mounting bracket using these bolts.

2. Remove the 2 existing screws from the turn signal controller, and replace them with the longer screws from loose parts (Figure 2).

# 4

## Installing the Brake Light Switch

### Parts needed for this procedure:

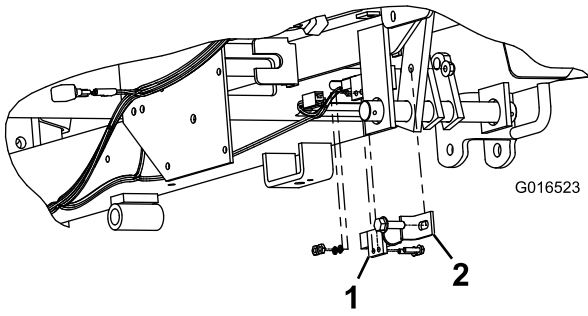
1	Brake light switch
1	Brake light switch bracket

### Procedure

1. Remove the existing switch and bracket.

**Note:** Retain the hardware for future use.

2. Install the brake light switch bracket to the machine frame (Figure 3).



**Figure 3**

1. Brake light switch
2. Brake light switch bracket

3. Install the brake light switch to the bracket with 2 screws, 2 washers, and 2 hex nuts on the machine (Figure 3).
4. Adjust the bracket so that the brake switch opens when you press down on the brake pedal 1/4 inch (6 mm).

# 5

## Installing the Flasher Module

### Parts needed for this procedure:

1	Flasher module
1	Hex flange nut (1/4 inch)
1	Hex-head flange screw (1/4 x 3/4 inch)

### Procedure

Install the flasher module using a hex head flange screw and a hex flange nut (Figure 1).

# 6

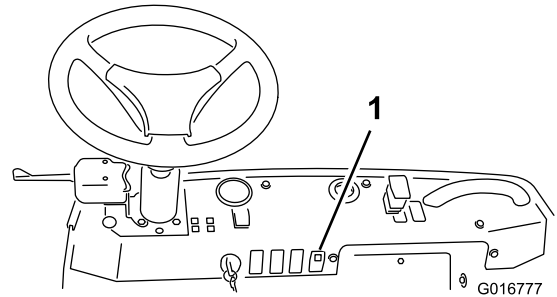
## Installing the Rocker Switch

### Parts needed for this procedure:

1	Rocker switch
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### Procedure

1. Remove the plug from one of the unused holes in the dashboard.
2. Insert the rocker switch (Figure 4).



**Figure 4**

1. Rocker switch

# 7

## Installing the Tail Lights

### Parts needed for this procedure:

2	Tail light
4	Hex-head flange screw (5/16 x 3/4 inch)
4	Flange nut (5/16 inch)
1	Left-hand signal bracket
1	Right-hand signal bracket

### Procedure

1. Install the left-hand and right-hand signal brackets to the boom support with 4 hex-head flange screws and 4 hex flange nuts (Figure 5).

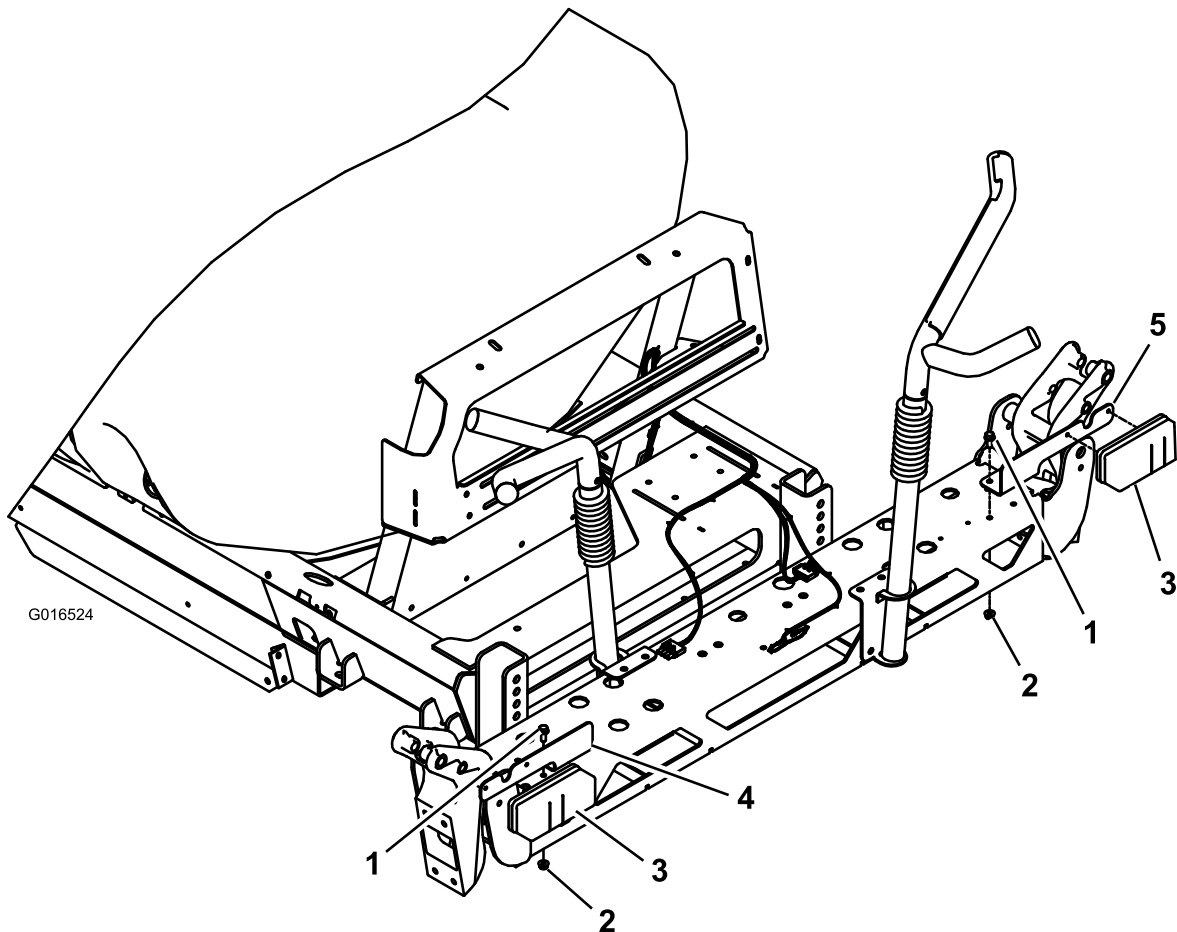


Figure 5

- |                          |                             |                              |
|--------------------------|-----------------------------|------------------------------|
| 1. Hex-head flange screw | 3. Tail light               | 5. Right-hand signal bracket |
| 2. Flange nut            | 4. Left-hand signal bracket |                              |

**Note:** If you have older booms without pre-drilled holes, you will need to drill 2 holes for each signal bracket as shown in Figure 6.

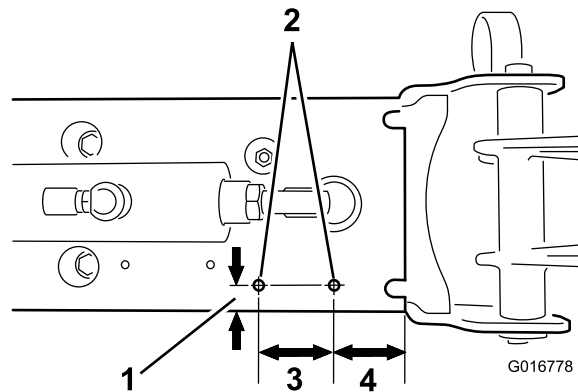


Figure 6

1. 3/4 inch (19 mm)
2. Drill 2 holes (5/16 inch (8 mm) diameter) here
3. 2-1/4 inches (57 mm)
4. 2 inches (51 mm)

2. Install the tail lights onto the signal brackets (Figure 5).

**Note:** Position the amber lens of each tail light to the outside.

# 8

## Installing the Wire Harness

### Parts needed for this procedure:

10	Cable tie
1	Wire harness kit

### Procedure

1. Starting behind the driver's seat, route the tail light connector toward the rear of the machine.

**Note:** Route the wire harness along the right side of the frame toward the rear and above the frame behind the seat.

2. Route the remaining wire harness under the seat, under the floor board, through the center hole in the floorboard, next to the hydraulic hoses and up to the switch area under the dashboard.

**Note:** Keep the wire harness at least 2 inches (5 centimeters) away from the exhaust system.

3. As you route the wire harness, connect the following items to their respective connectors on the wire harness:

- main beam lights
- position lights
- signal controller
- brake light switch
- flasher module

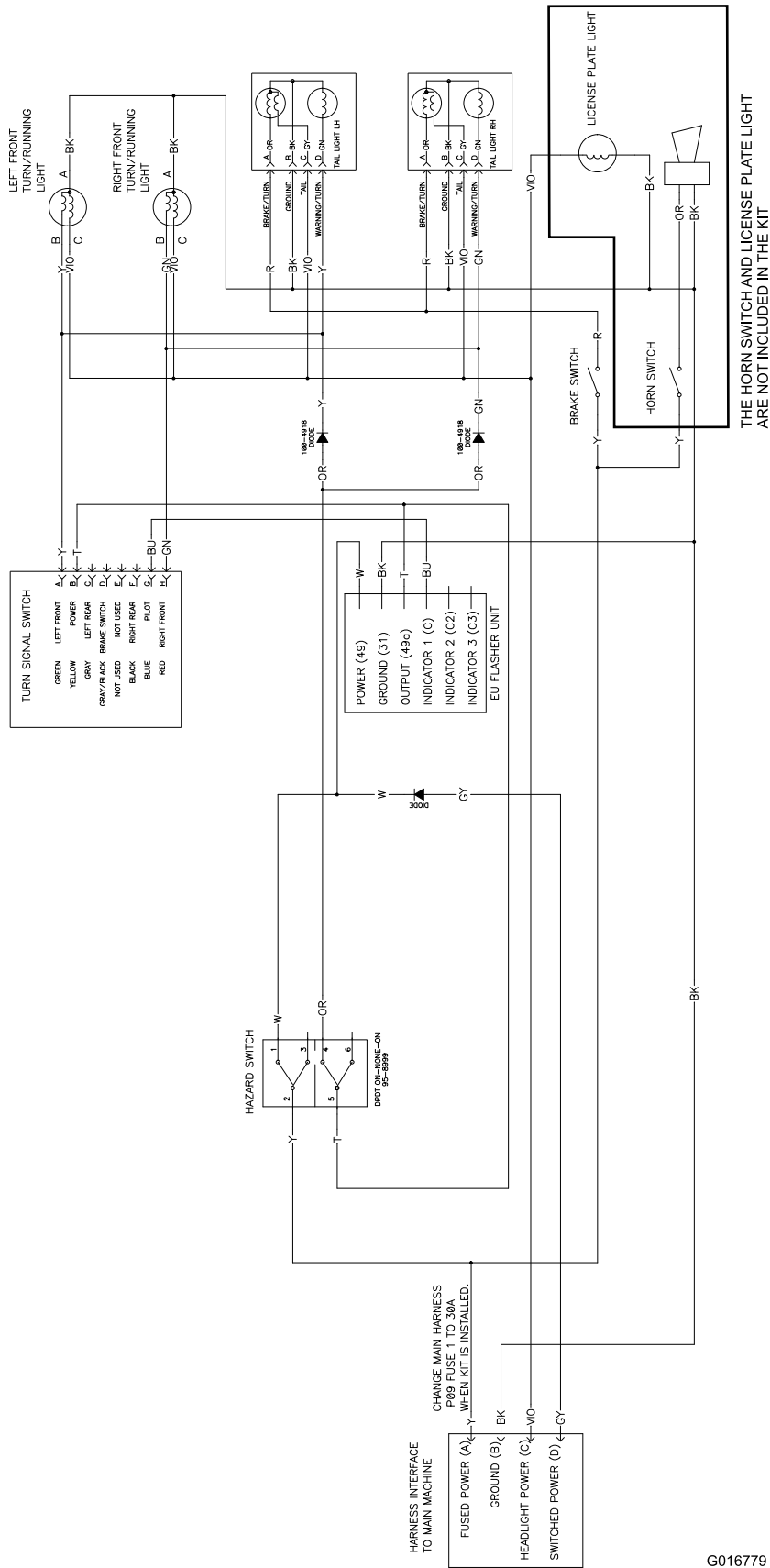
- main switch
- tail lights

4. Locate the kit connector on the main wire harness behind the dashboard, and connect the kit wire harness connector to the power connector on the main wire harness.

5. Secure the wire harness with cable ties, ensuring that the harness is not resting on any sharp edges and is away from moving objects.

6. Check that all lights are functioning properly.

# Schematics



(Rev. A)

G016779



**Count on it.**