



Light Kit
MH-400 Material Delivery Unit
Model No. 44940

Form No. 3366-214 Rev B

Installation Instructions

Installation

1. Make sure the hopper is parked on a level surface and the wheels are chocked.
2. Using the dimensions shown in Figure 1, locate mark and drill (2) 9/32 inch (1.5 cm) diameter holes in the left front side of the hopper. Repeat the procedure on the right side of the hopper.

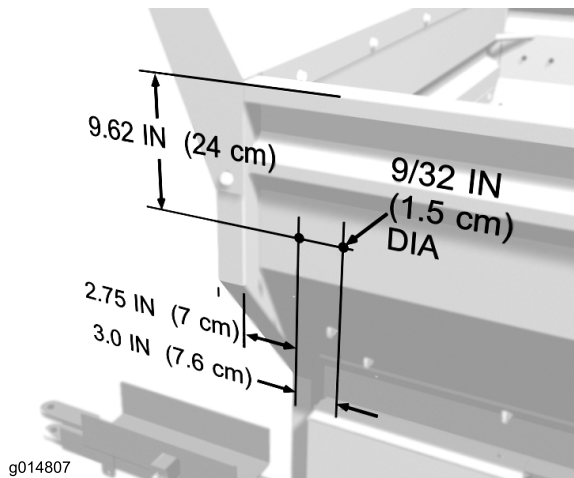


Figure 1

3. Secure a light mount to the side of the hopper with (2) 1/4 x 1 inch machine screws, (4) .281 x .625 washers and (2) 1/4 inch flange nuts. Position the components as shown in Figure 2. Install (2) washers onto each screw and make sure they are positioned between the light mount and the hopper.
4. Secure the signal lens to the mount with a screw (Figure 2). Repeat the procedure on the right side of the hopper.

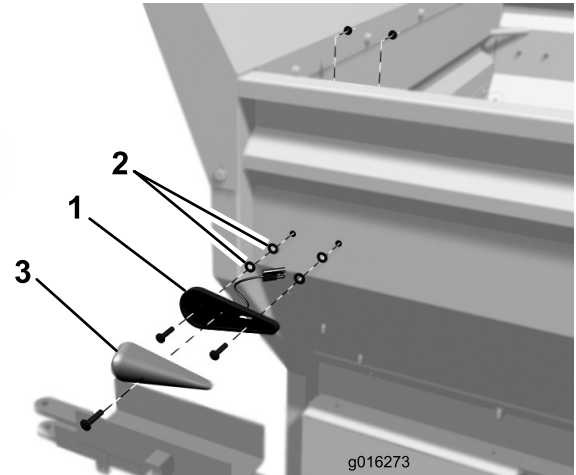


Figure 2

5. Using the dimensions shown in Figure 3, locate mark and drill (2) 11/32 inch (.87 cm) diameter holes in the left gusset plate of the hopper. Repeat the procedure on the right gusset plate of the hopper.

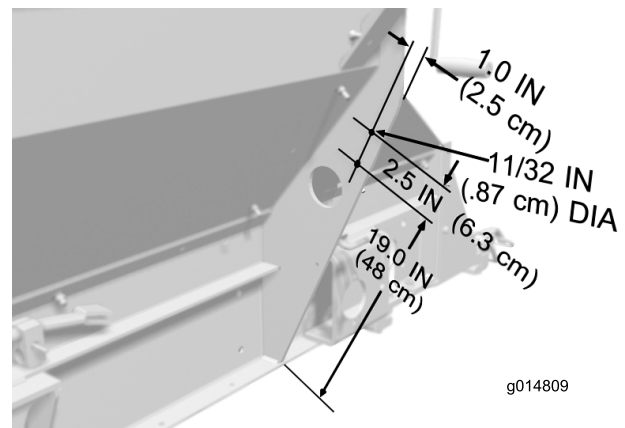


Figure 3

6. Positioning the light bracket as shown in Figure 4, secure a bracket to each gusset plate of the hopper with (2) 5/16 x 1 inch flange head screws and 5/16 inch flange nuts. The large hole is offset and needs to be positioned towards the outside of the machine.

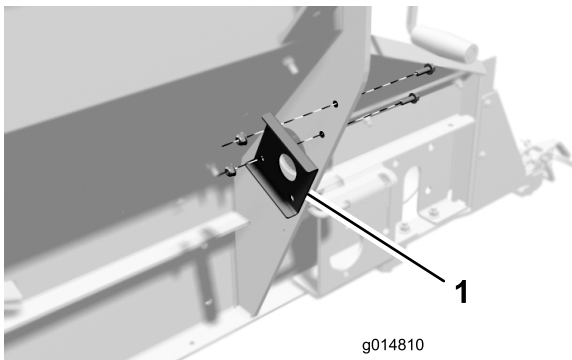


Figure 4

1. Light bracket (2)

7. Mount a tail light assembly to each bracket with (2) pal nuts (Figure 5). Make sure the light wires are routed through the bracket before mounting. Do not over-tighten the nuts

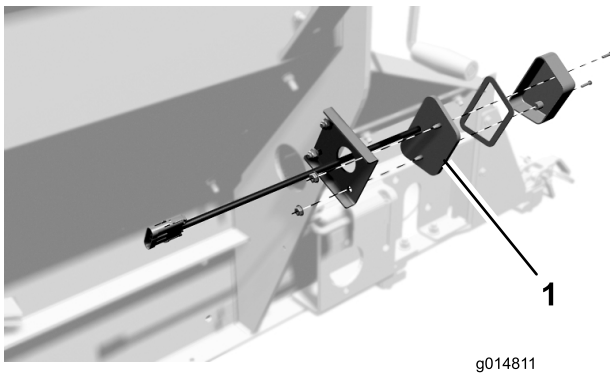


Figure 5

1. Tail light assembly (2)

8. Remove the (6) nuts from each side of the hopper as shown in Figure 6.

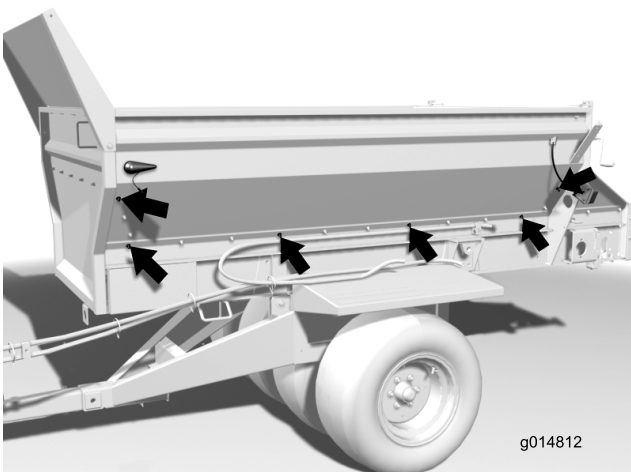


Figure 6

9. Insert (6) R-clamps onto each long length of the wire harness.

10. Secure the R-clamps to the hopper with the nuts previously removed.
11. Use the (3) holes in the front of the hopper to secure the harness with cable clips (Figure 7).

Note: If the holes are being used to secure the wheel brake harness, secure the light kit harness to the wheel brake harness with cable ties.

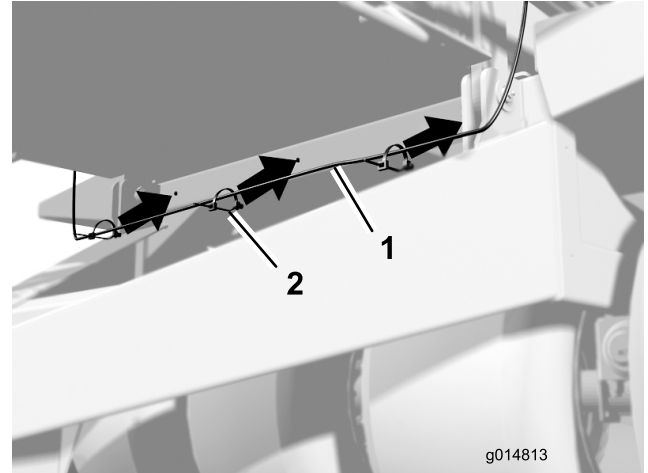


Figure 7

1. Harness
2. Cable clips or cable ties

12. Plug the harness connectors into the signal lights and tail lights.
13. Secure the harness to hydraulic hoses going to the tractor with cable ties (Figure 8).

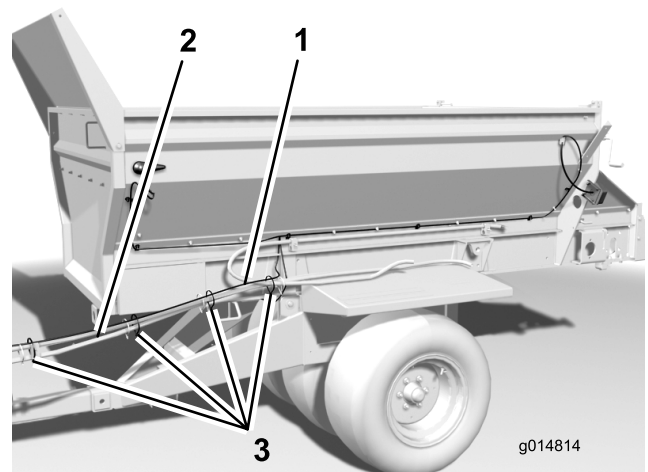


Figure 8

1. Harness
2. Hydraulic hoses
3. Cable ties

Note: Refer to the tractor operator's manual for information on connecting the wire harness to the tractors light controls.