A341/A348–A358 Lighting Kit

Portable Grain Auger
Installation Instructions

This manual applies to:
AGI Westfield MKX², MKX Series
AGI Westfield X², X Series
AGI X², X Series
AGI Hutchinson HX², HX Series
AGI Mayrath HX², HX Series
AGI GrainMaxx GMX², GMX Series

Installing the Work Lights

The lighting kit consists of three flood lamps, wiring harness, fused light switch box, mounting bracket, cable ties, and hardware.

> **Note**
> **73'/74' models:** If retrofitting on to an existing auger, a front-end loader is required.

1. Secure the axle-area lamp bracket:

   - **53'/63' models:** to the tube flange using the existing hardware.

   - **64'/73'/74'/83' models:** between the truss tower and the middle tube using two 7/16" x 1-1/4" bolts (for 73'/83') or 7/16" x 1-1/2" bolts (for 64'/74') and lock nuts.

     > **Note**
     > If retrofitting on to an existing auger, loosen the truss cable and remove the truss tower to install the axle-area lamp bracket. Ensure the upper tube is supported within 1' of the cable return bracket using a lifting sling or a front-end loader. Re-tighten the truss cable according to the procedure in the auger manual.

     > **NOTICE** If the auger tube is not supported when the truss cable is loosened, the auger will be damaged due to bending.

   - **84'/94'/114' models:** to the truss tower using the existing cable clamp and a 5/16" flat washer.

   - **85'/105'/125' models:** to the truss tower using the existing cable clamp.

2. Fasten the axle-area flood lamp to the bracket.

3. Fasten the discharge-area flood lamp to the upper tube.

4. Fasten the swing hopper flood lamp to the second bracket on the swing tube.

5. Route the wiring harness along the truss cable and secure using zip ties. Plug the wiring harness connectors into the lamp connectors. Ensure that the connectors are fully engaged.

6. Install the switch box on the boot using two #8 x 3/4" Tek screws.

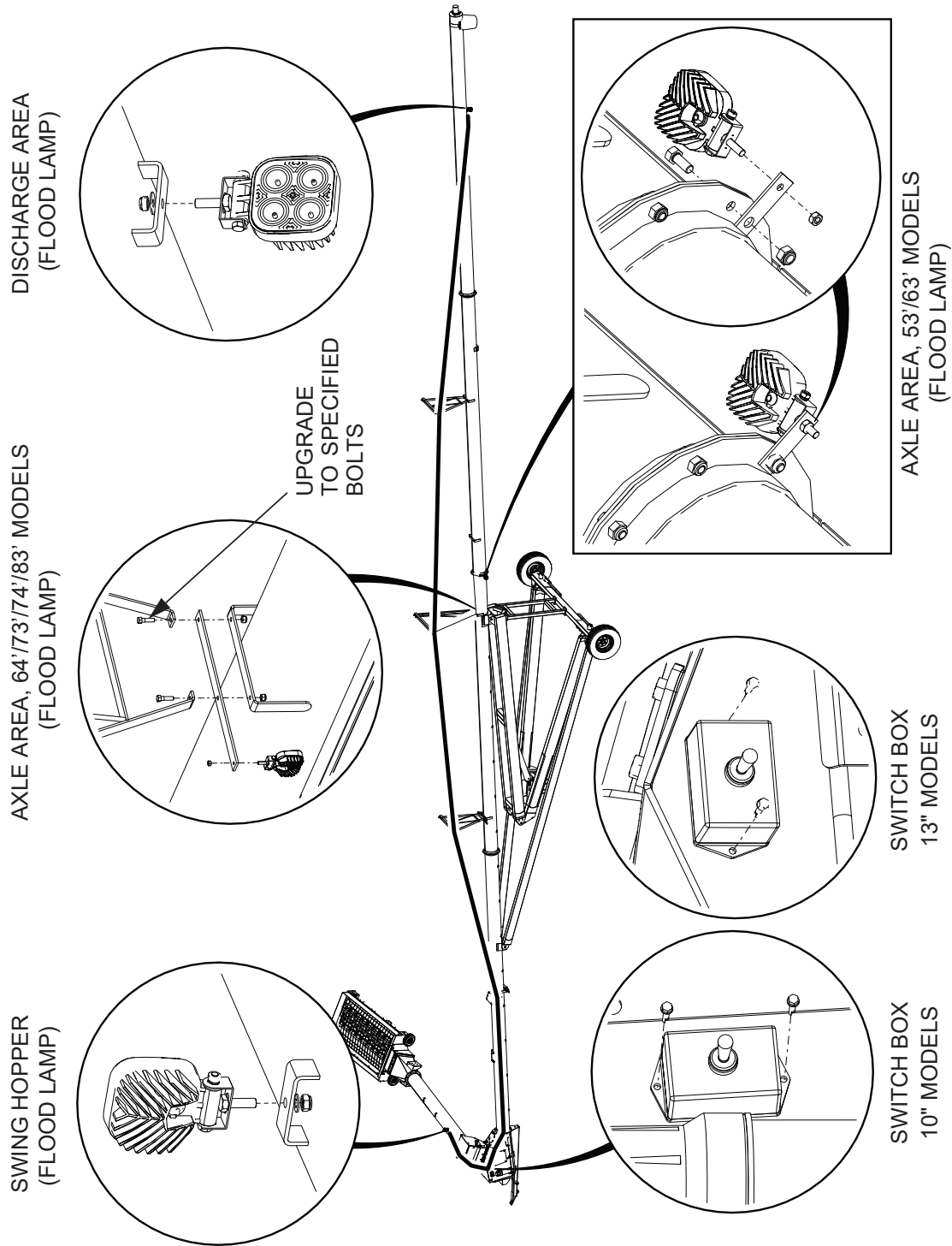**Figure 1.   Representation of Installation for 53'-83' Models**

DISCHARGE AREA
(FLOOD LAMP)

AXLE AREA, 53'/63' MODELS
(FLOOD LAMP)

UPGRADE
TO SPECIFIED
BOLTS

AXLE AREA, 64'/73'/74'/83' MODELS
(FLOOD LAMP)

SWITCH BOX
13" MODELS

SWING HOPPER
(FLOOD LAMP)

SWITCH BOX
10" MODELS

Figure 2.   Representation of Installation for MKX/X/HX/GMX 84'-125' Models

DISCHARGE AREA (FLOOD LAMP)

ADDITIONAL 5/16" FLAT WASHER REQUIRED ON 84'/94'/114' MODELS

AXLE AREA (FLOOD LAMP)

SWING HOPPER (FLOOD LAMP)

SWITCH BOX
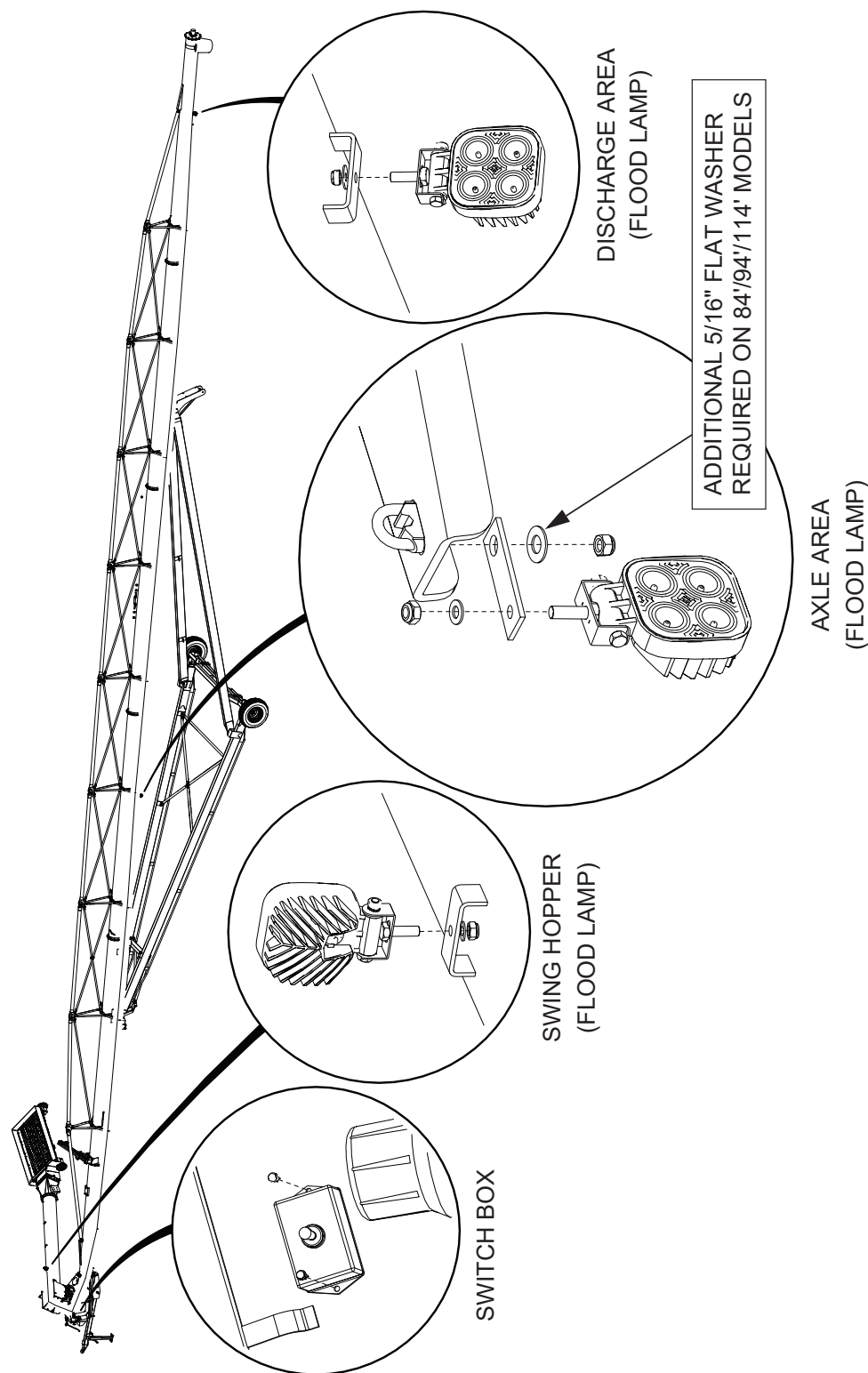
Figure 3.   Representation of Installation for MKX²/X²/HX²/GMX² 84'-125' Models

DISCHARGE AREA (FLOOD LAMP)

AXLE AREA (FLOOD LAMP)

ADDITIONAL 5/16" FLAT WASHER REQUIRED ON 84'/94'/114' MODELS

SWING HOPPER (FLOOD LAMP)

SWITCH BOX
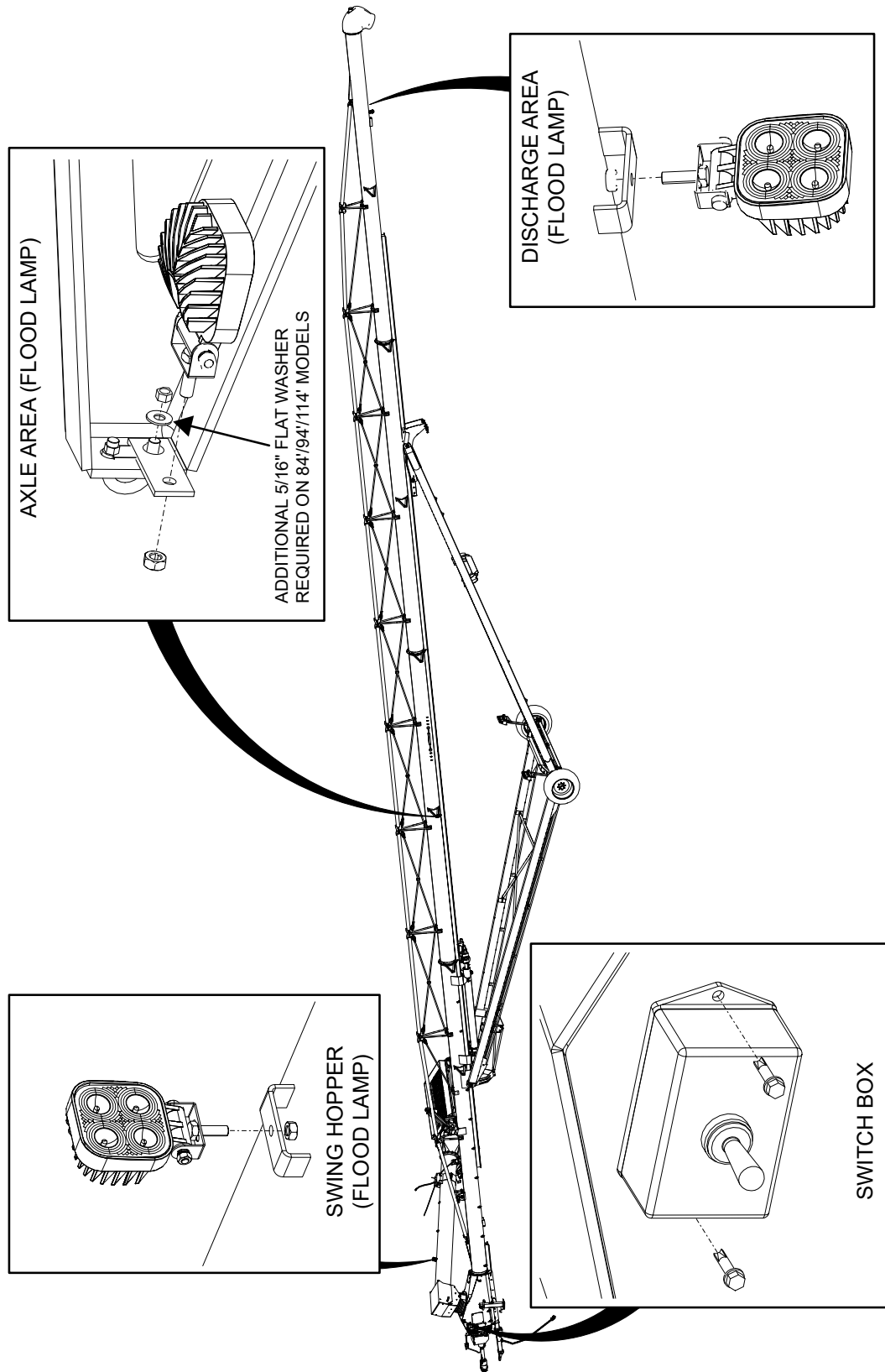
Installing the Transport Lights

This section applies to: 84', 85', 94', 105', 114', 125', X²/X 13-74', and HX²/HX 13-74'.
The lighting kit consists of two transport light mount assemblies (LH/RH), a wiring harness, and hardware.

1. Attach the light mount assemblies to the axle with 7/16" x 1-1/4" bolts and lock nuts, then plug the transport light connector to the wiring harness connector. Ensure that the connectors are fully engaged.

2. Run the wiring harness along the axle to the lower frame and fasten the harness with the P-clamps.

3. Run the wiring harness up the lower frame to the lower tube and secure it with the P-clamps. Mount the P-clamps approximately 6 ft apart on the frame.

4. Run the wiring harness down the lower tube along the hydraulic hoses to the boot assembly and secure using zip ties.

   • **MKX²/MKX 13-94 Models:** Attach the 5 ft extension cable to the main transport light harness.

5. Plug the wiring harness connector into the work light kit connector. Ensure the connectors are fully engaged.
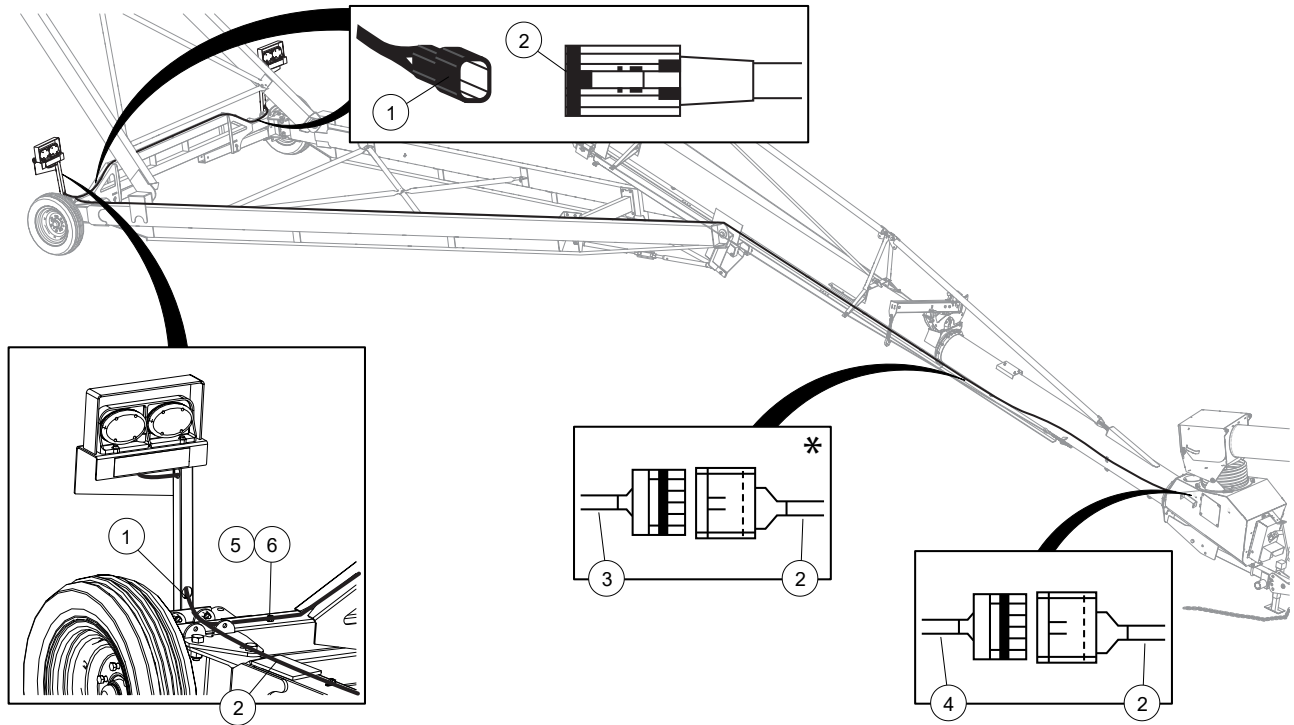
13" Models
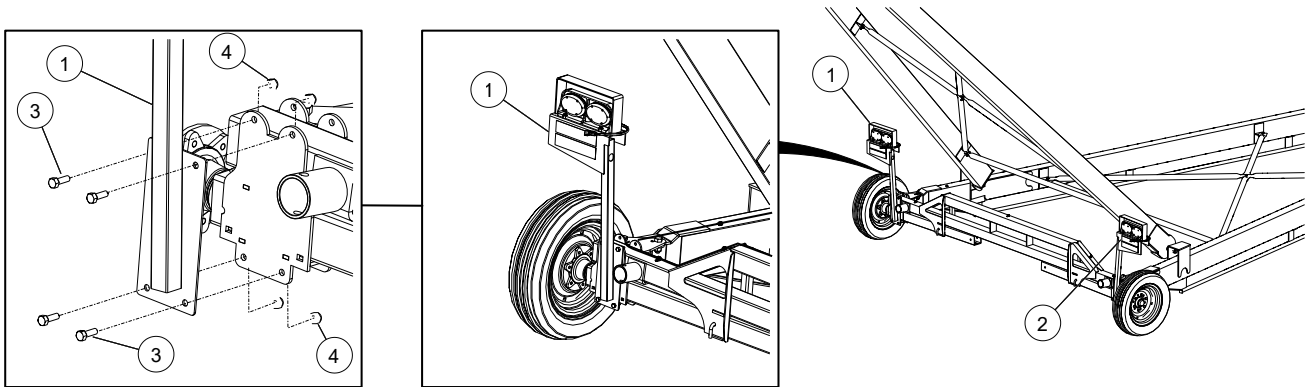
1	light mount assembly, LH	3	bolt, 7/16" x 1-1/4"
2	light mount assembly, RH	4	lock nut, 7/16"

16" Models
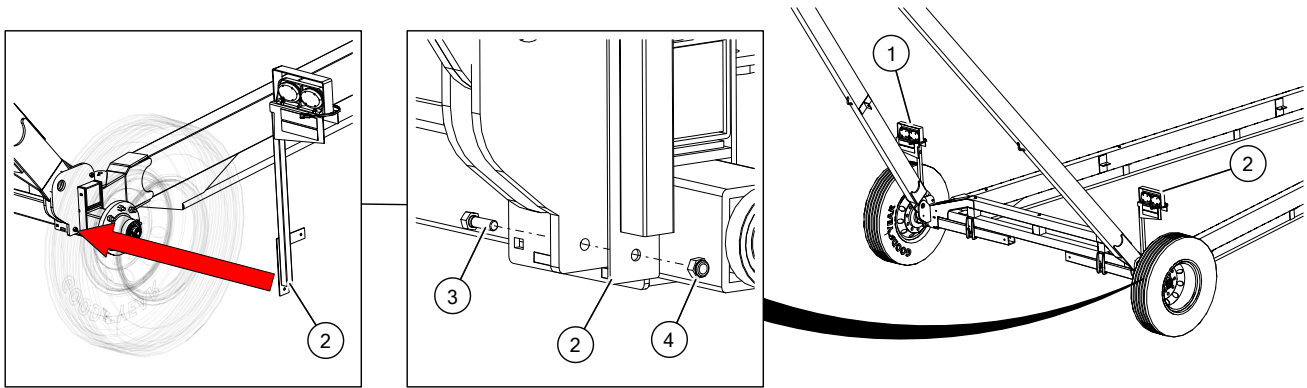
1	light mount assembly, LH	3	bolt, 7/16" x 1-1/4"
2	light mount assembly, RH	4	lock nut, 7/16"

Harness Routing

* MKX²/MKX 13-94 Models Only

1	LED light harness	4	work light harness
2	transport light harness	5	P-clamp, 3/8"
3	transport light harness extension (MKX²/MKX 13-94 only)	6	tek screw, #8 x 3/4"