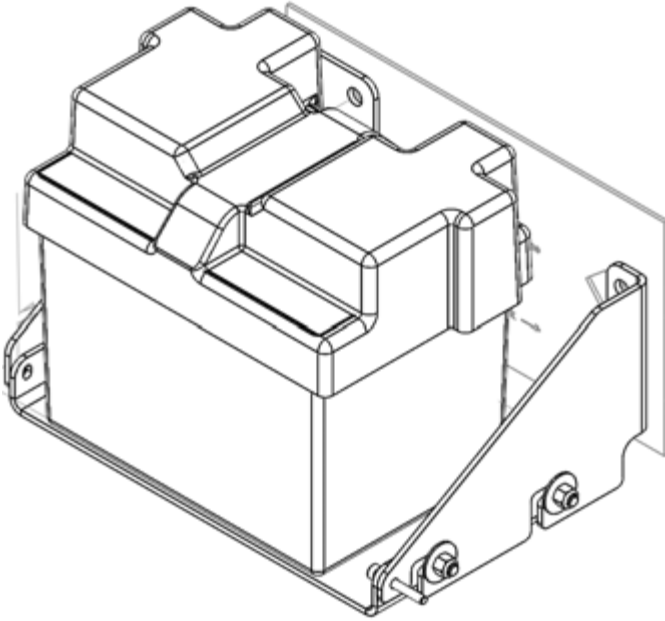
















TORKLIFT **INTERNATIONAL**






**OVER 35 YEARS OF INNOVATION, QUALITY, SAFETY.
IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS**

A7726 - Hidden Power



Parts Inventory

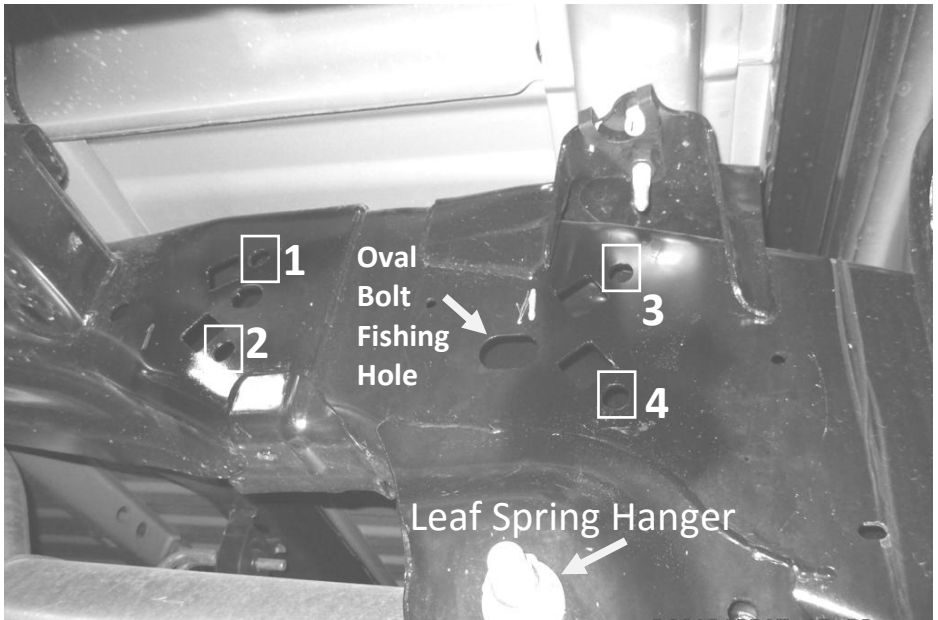
Image	Item Description	Quantity
	A7726 Battery Tray	1
	A7726 Rear Side Plate	1
	A7726 Front Side Plate	1
	Group 24 Battery Box (with strap)	1
	50 AMP Wire Connectors	2
	1/2"-13 x 1-1/4" Grade 5 Hex Bolt	4
	1/2"-13 Grade 5 Hex Nut	4
	1/2" Lock Washer	4
	1/2" Star Washer	4
	1/2" USS Flat Washer	4
	3/8"-16 Nylock Hex Nut	4
	3/8" x 1-1/2" Fender Washer	4
	1/4"-20 x 1" Hex Bolt	4
	1/4" Lock Washer	4

	1/4" Flat Washer	4
	1/4" x 1-1/4" Fender Washer	4
	1/4"-20 Hex Nut	4
	1/4" Clevis pin and clip	2
	1/2" Bolt fisher	2

Step 1:

Locate the area of install directly above the forward most leaf spring hanger on the passenger side of the vehicle. Begin by using the two supplied bolt fishers to fish one **1/2"-13 x 1-1/4" Grade 5 Bolt** with one **1/2" Star washer** through holes 1 and 2 as shown. Reference photo 1.1 and the bolt fishing guide at the end of this instruction booklet.

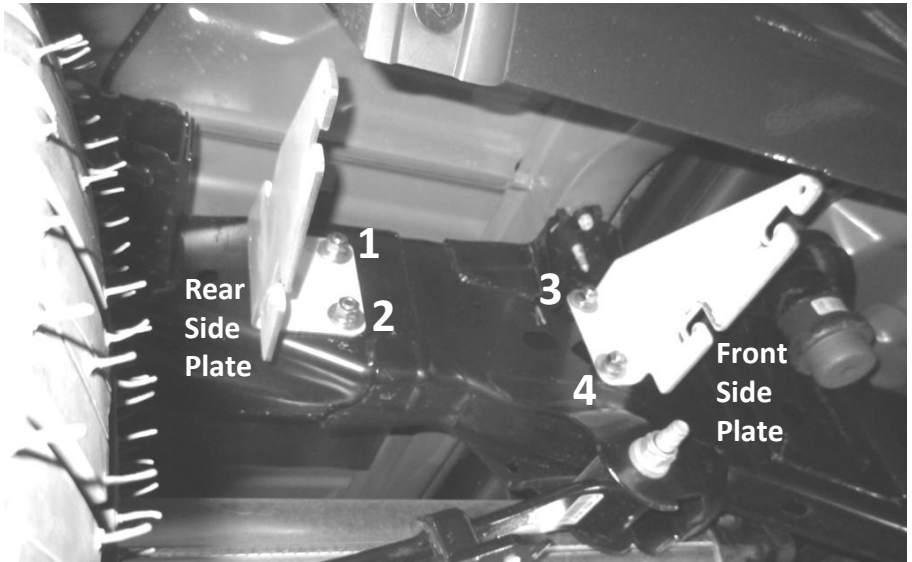
Photo 1.1



Step 2:

With the threads of the two **1/2"-13 x 1-1/4" Grade 5 bolts** sticking out of the frame, place the **Rear Side Plate** over the bolts by pulling the bolt fishers through each hole in the **Rear Side Plate**. The key holes in the plate should be facing the ground. Remove one bolt fisher and install one **1/2" Flat washer**, one **1/2" Lock Washer** and one **1/2"-13 Hex Nut** onto the bolt. Leave hand tight at this time. Remove the remaining bolt fisher and install the same hardware onto the second bolt. Reference photo 2.1 for the proper plate orientation and hardware installation. Leave hardware hand tight at this time.

Photo 2.1



Step 3:

Reuse the two supplied bolt fishers to fish one **1/2"-13 x 1-1/4" Grade 5 Bolt** with one **1/2" Star washer** through holes 3 and 4 in the vehicle frame. Place the **Front Side Plate** over the bolts by pulling the bolt fishers through each hole in the **Front Side Plate**. The key holes in the plate should be facing the ground. Remove one bolt fisher and install one **1/2" Flat washer**, one **1/2" Lock Washer** and one **1/2"-13 Hex Nut** onto the bolt. Remove the remaining bolt fisher and install the same hardware onto the second bolt. Reference photo 2.1 and leave hardware hand tight.

Step 4:

Lift the **battery tray** up into place between the two **side plates** so that the bolt studs stick through the keyhole slots. Clamp the side plates against the battery tray to properly align all the parts. Alternately, install one **3/8" fender washer** and one **3/8" nylock hex nut** onto one of the protruding studs on each side of the **battery tray**. Tighten until the **side plates** are flush with the **battery tray** but **not** clamped tightly in place.

Figure 4.1



Step 5:

With all three parts properly aligned, tighten the four **1/2"** **hex nuts** securing the **side plates** to the vehicle frame. Remove the **battery tray** from the keyhole slots once the side plates are secure. This can be done by removing the clamp or loosening the two **3/8" nylock hex nuts** used in step four.

Torque the four 1/2" hex nuts to 55 ft-lbs.

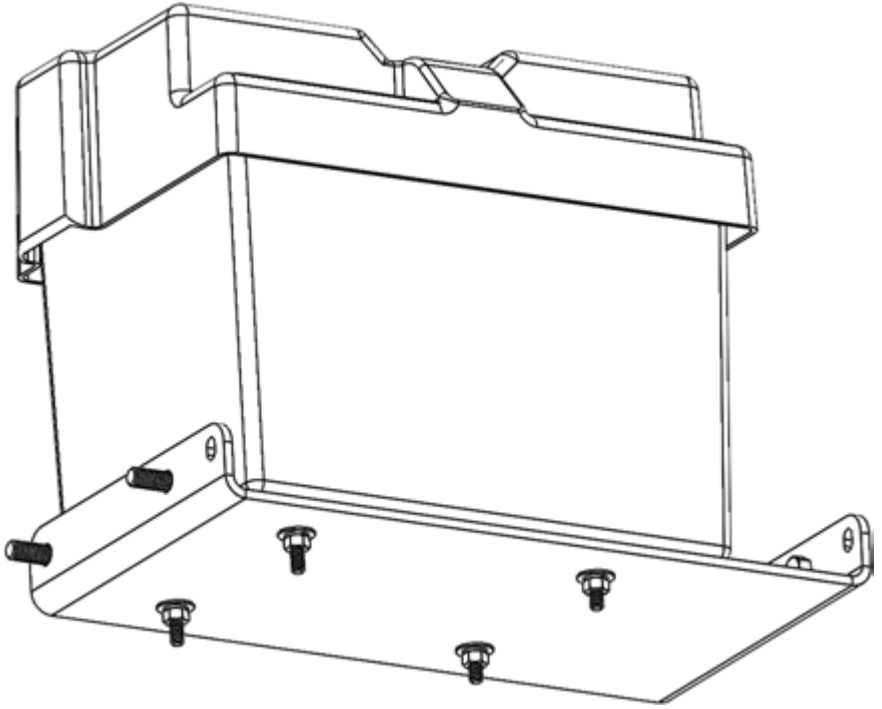
At this point, the installation should look like photo 2.1 on the previous page.

Step 6:

Place the supplied **Battery Box** on top of the **Battery Tray** and slide it all the way to the side that has the four holes in the bottom, leaving approximately 3/8" between the battery box and the bent up flange on the tray. Mark and drill four holes in your Battery Box that line up with the Battery Tray. Install one **1/4"-20 x 1" Hex Bolt** with one **1/4" x 1- 1/4" Fender Washer** through each of the four holes from the inside of the box outward through the **battery tray**.

Secure them with one **1/4" Flat Washer**, **1/4" Lock washer** and **1/4" Hex Nut**. Tighten each hex nut until the lock washer is pressed flat, and then one additional quarter turn. Refer to figure 6.1 on the next page for the correct **Battery Box** mounting.

Figure 6.1



Step 7:

Place your battery inside the **Battery Box** and connect the battery cables (**not included**) to the appropriate battery terminals. Two **50amp quick disconnect terminals** are included in the kit to make installation and removal of the **battery tray** easier. Use the supplied strap to secure the lid closed. One **50amp terminal** should be hanging outside the box by a short length of wire. This will connect to the vehicle side of the wiring once the **battery tray** is installed.

Step 8:

With you **Battery Box** bolted onto your **Battery Tray** and the battery installed, lift the assembly up between the **side plates** and lock the tray into the keyhole slots. Secure the **battery tray** in place with two **1/4" Pin and clips**.

Install one **3/8" x 1- 1/2" Fender Washer** and one **3/8" Nylock Hex Nut** onto each of the four protruding studs. Refer to photo 6.1 for the completed installation.

Torque all four 3/8" Nylock Hex Nuts to 20 ft-lbs

Photo 6.1



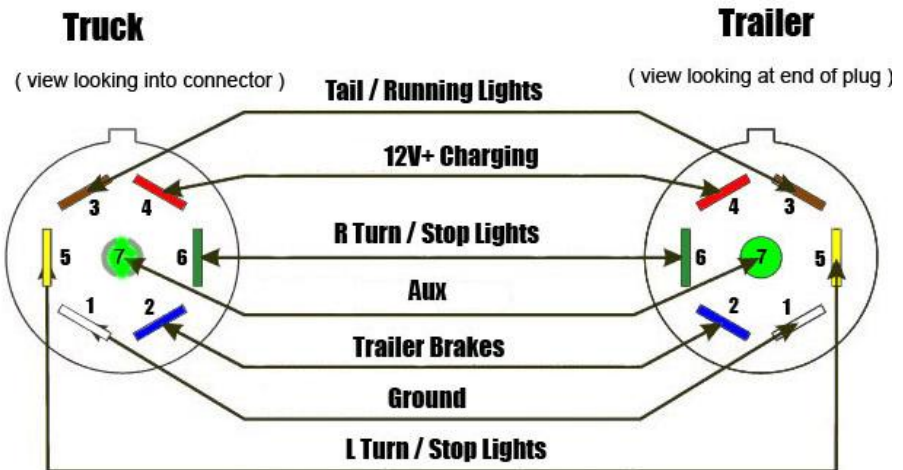
At this time, you have completed the installation.

Battery Charging Wire Diagrams

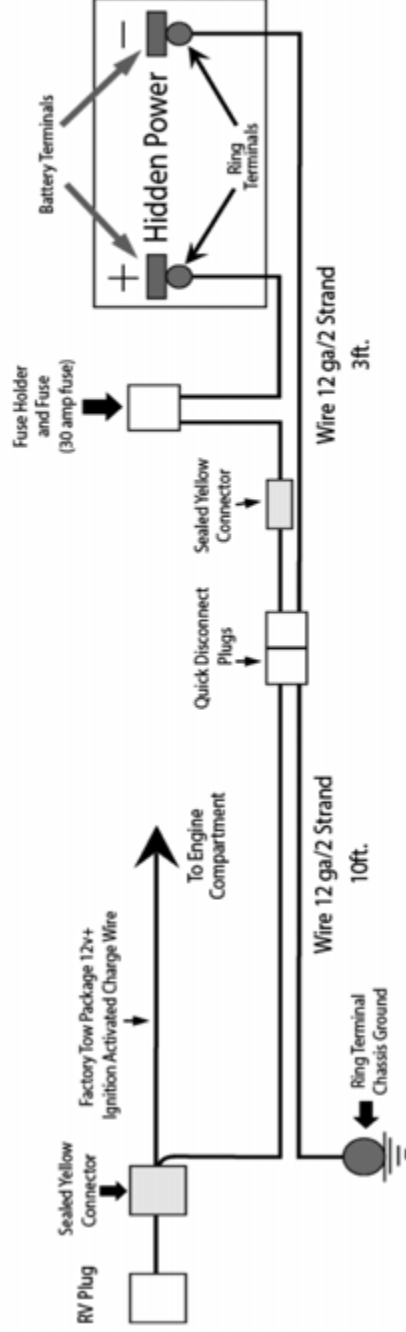
To test if you have a factory battery separator, use a voltmeter or a 12V test light to test for key on/ key off positive power at the RV Plug. See RV Plug Diagram on next page.

NOTE: Wire color is going to vary from manufacturer to manufacturer which is why you should always wire by function and use a Volt Meter or a 12V test light when wiring. There is no official industry standard for wire color. If you are trying to wire by matching colors, there is a very good chance that it will be wired incorrectly. Be sure to test each wire to ensure you are wiring for the correct function.

7-way RV Style Trailer Plug Wiring (aka Pollock or Bargman plug)

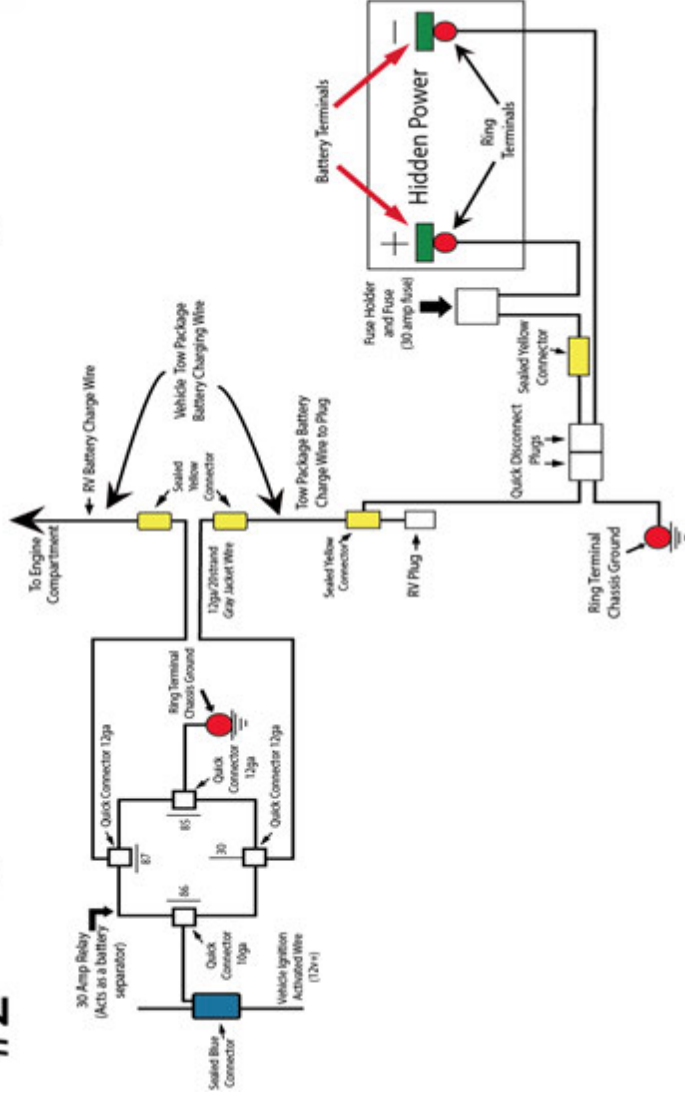


#1 For Trucks with Factory Installed Ignition Activated Tow Package



For Trucks without Factory Installed

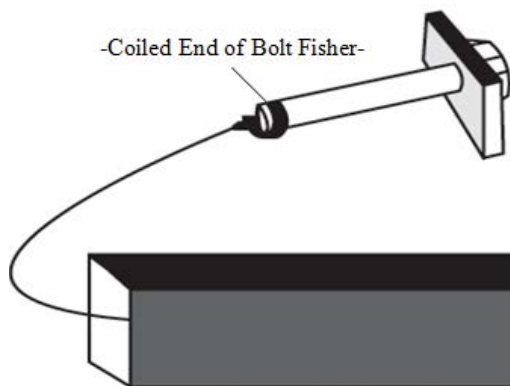
#2 Ignition Activated Tow Package



TORKLIFT'S BOLT FISHING GUIDE

Your guide to understanding the installation of our frame mounted tie downs.

-Coiled End of Bolt Fisher-

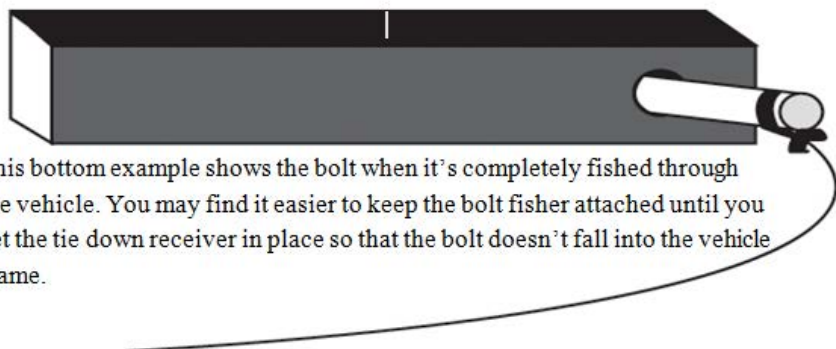


Note: The hardware may vary as to what is being fished along with the bolt. In this instance a 1" X 2" plate washer is being fished along with the hex bolt. Different applications may require fishing through various star washers and flat washers for example.

Desired Hole on Vehicle

(Place the coiled end of the bolt fisher through this hole)

This side of the Bolt Fisher should come out of a hole where the required hardware (for example a 1" x 2" plate washer) can pass through.



This bottom example shows the bolt when it's completely fished through the vehicle. You may find it easier to keep the bolt fisher attached until you get the tie down receiver in place so that the bolt doesn't fall into the vehicle frame.

WARNING: PULLING TOO HARD ON THE BOLT FISHER CAN RESULT IN LOST FASTENERS, OR BROKEN BOLT FISHER.