

Premium L2E Assembly & Setup Guide

(Pre-Assembled)



Tools needed for this build:

- 4 mm hex bit or (T-handle included)
- #2 Phillips screwdriver
- 8mm socket or open-end wrench
- 6mm Hex (allen) wrench
- 14mm socket or open end wrench
- 9/16" socket or open end wrench



Scan QR Code for Full
Video Instructions

*Use the QR codes
throughout this guide
for instant access to
helpful videos*

Thank you for putting your trust in KECO!

This document aims to help you set up your new system to achieve successful glue pulling with efficiency and organization. KECO's Premium L2E system facilitates repairs in today's least invasive method available to technicians.

Where do I start?

You should have received a pallet with (5) cartons. If you purchased our Premium L2E with KECO's Vac System, it will have (9) cartons. These will be labeled "BOX 1 OF 5", "BOX 2 OF 5", etc. Verify that you have received all packages before beginning to build your system.

Step 1 Verify Packages & Components

- Carton / Box #1 - Pre-assembled LOWER CART for the system
- Carton / Box #2 - Pre-assembled UPPER CART for the system
- Carton / Box #3 - K-Power & K-Power Jr. (Tools)
- Carton / Box #4 - K-Beam (Tool)
- Carton / Box #5 - Shop Light

If your system includes the optional Vac System there will be additional packages:

- Carton / Box #6 - Kwik-Stick Base
- Carton / Box #7 - Kwik Stick Post
- Carton / Box #8 - K-Tower Base
- Carton / Box #9 - K-Tower Post

Hardware Bag Contents:

- Hooks for back board
- (20) M6 x 1mm, 12mm
- Keys for Locking Top

****found in top of Lower Cart
(Box 1)**



Important:

Assembly of this system requires (2) or more people to safely lift and install the upper cart on the lower cart.



Step 2 Assemble Lower & Upper Cart

1) Once the pallet is unwrapped, remove all cartons from the top of the (2) large cartons (boxes 1 and 2) and set to the side as we'll address these later. Find the carton marked with 'START HERE' or 'OPEN THIS BOX FIRST'. This package contains the Lower Section of the System with instructions. (see images to right)

2) At the bottom of Box 1, cut the tape between the lower tray and the upper carton and lift the upper carton off and away.

3) Locate the instructions on the top of the cardboard layer on the lower cart. Scanning the QR code on the first page of this document will take you to a helpful video of assembly that follows this guide.

4) Using (2) people, lift the lower cart assembly off the pallet and on to a solid surface. Lifting from under the middle shelf or the bottom of the cart is preferred. Lifting from under the drawers of the cart could cause damage to the drawer mechanism(s). Once in the preferred location, lock both swivel casters.

5) At the bottom of Box 2, cut the tape between the lower tray and the upper carton and lift the upper carton off and away. This box contains the Upper section of the system or the locking top.

6) Again, using (2) people, lift the upper cart assembly and carefully place it on top of the lower cart. (See figure 1.) Position hands under the assembly at least 4" (10cm) in from each side to avoid interference.

NOTE: the front of the upper cart where 'GLUE PULL REPAIR' is written should be facing the same direction as the drawers open.

Once aligned, the bottom of the upper cart section will nest inside the upper edge of the lower cart. The brackets on the back of the upper section will extend down behind the lower cart section.

7) Locate (18) black M6 (1mm x 12mm long) screws and with the holes aligned begin to hand thread screws in all four corners and (2) on each side of the upper and lower cart. (See figure 2.).

NOTE: Securing the screws with only 'hand-tight' pressure will make it easier to align all screws. Additionally, we will be placing the tool holders on the right side of the cart, therefore some screws will need to be removed to do this.

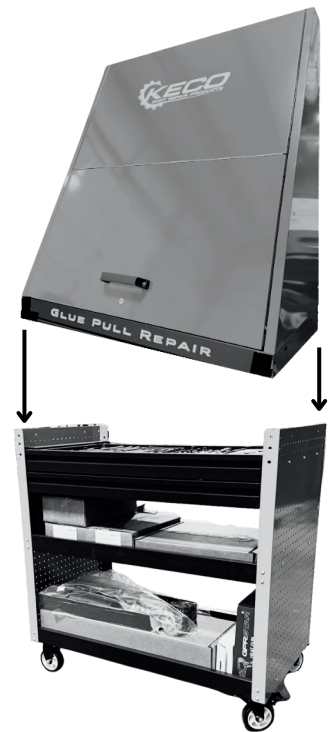


Figure 1.

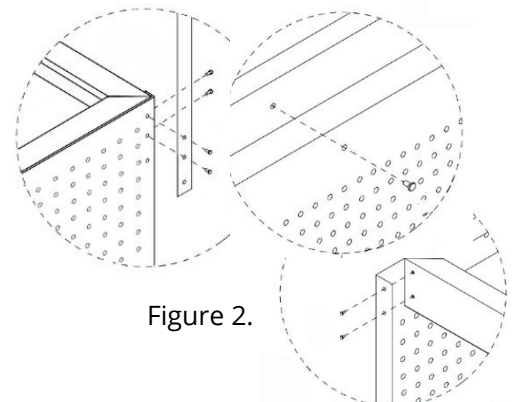


Figure 2.



Step 3 Install Tool Holders

8) Locate the tool holders in the bottom tray of the lower cart (see Figure 3.).

9) Install the top tool holder **(A)** at the top shelf location using the (4) (M6) screws already located in the side of the cart or in the hardware bag.

10) Install the middle tool holder **(B)** at the mid shelf location using the (2) (M6) screws already installed in the side of the cart.

Now its time to tighten the screws:

11) Once the screws are located through back panel angle brackets and top & mid tool holders on the right side of the cart, tighten all the screws. This can be accomplished via an impact wrench with a 4mm hex or using the T-Handle provided. Install cups in bottom tool holder holes.

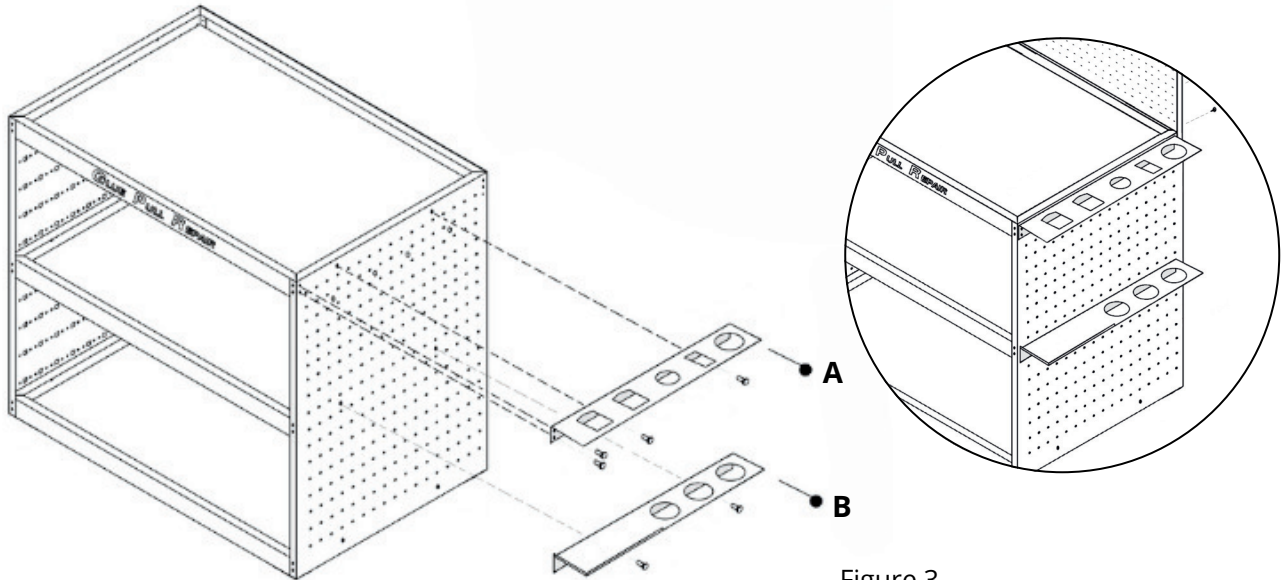


Figure 3.

Step 4 Install Bottom Tool Pan

12) Locate the Lower Tool Pan in the bottom tray of the lower cart (see Figure 4.).

13) Remove the (2) middle/lower screws **(C)** near the bottom on the left side of the cart.

14) Place the black tool tray with GPR+ logo facing inward (hidden).

15) Use the 4mm hex T-wrench to extend through the outer hole and engage screws and secure the bottom pan. This will allow the Kwik-Stick to rest, along with the base of the Vacuum Kwik-Stick for Vac system models.

Bottom Tool Pan

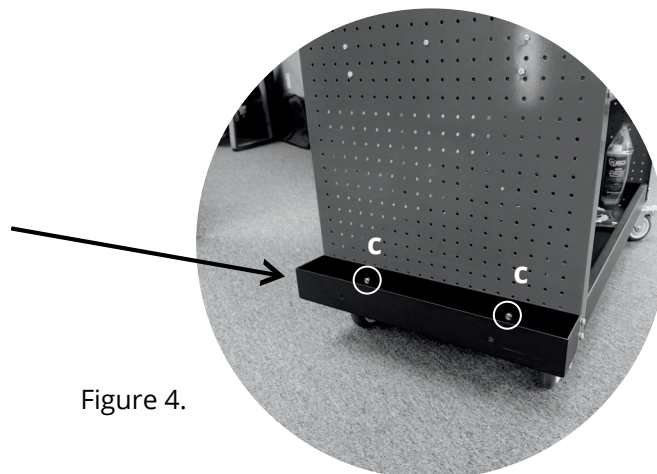


Figure 4.

Step 5 Install Strap Tool Holders



Installation of the KECO strap tool holders to equip your Premium L2E Collision System with the K-Power & K-Power Jr. Lateral Tension Tools. If the optional Vac System was purchased, the 3rd tool holder will secure the Kwik-Stick Vacuum Power Leverage Bar.

Hardware Included:

- (3) Strap Tool Holders
- (6) Plastic spacers
- (6) 5mm x 35mm Flathead Machine Screws
- (6) M5 Lock Nuts



Strap Tool Holder Installation

16) Locate the Strap Tool Holder bag (labeled 410-AC10029).

17) The tool holders will be installed in the holes on the left side of the locking top (see Figure 5.) with the strap lever to the right (towards the front of the cart).

18) Place screw through the tool holder.

19) Add a plastic spacer between the tool holder and cart and push exposed end of the screw through the panel hole.

20) Add a nut to the back side of the panel (inside the cart).

21) Tighten with #2 Phillips head screwdriver while holding the 8mm nut on the backside.

NOTE: It's recommended to leave the first screw loose to allow room for spacer on the second screw.

22) Repeat for each tool holder.

23) Secure K-Power, K-Power Jr., and Kwik-Stick (if equipped).

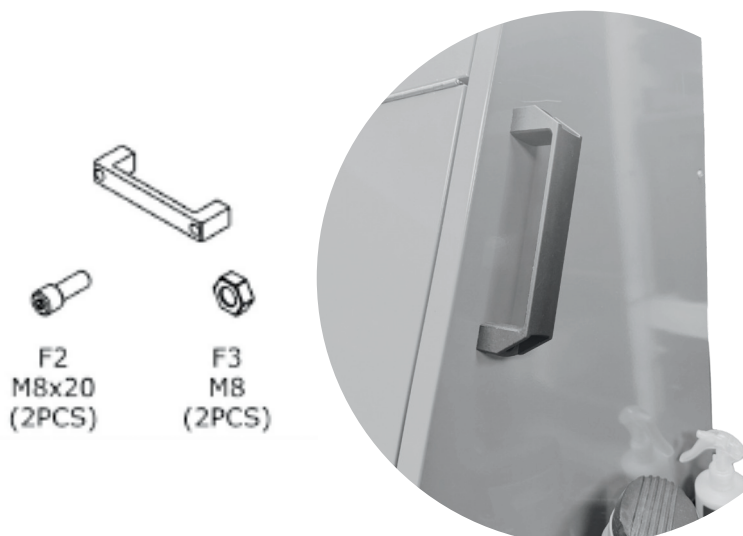


Figure 5.

Step 6 Install Handle

24) Refer to the hardware bag and locate the handle, socket head cap screws, and nuts.

25) Place cap screws from the outside and secure nuts on the inside of the locking top assembly.



K-Power(s) Installed

Step 7 Install Tool Hooks



26) Refer to the hardware bag and locate the peg board tool hooks.

27) Install the peg hooks in the open spaces - note the special hook for the slide hammer installs in the top left location.

Step 8 Install Tools

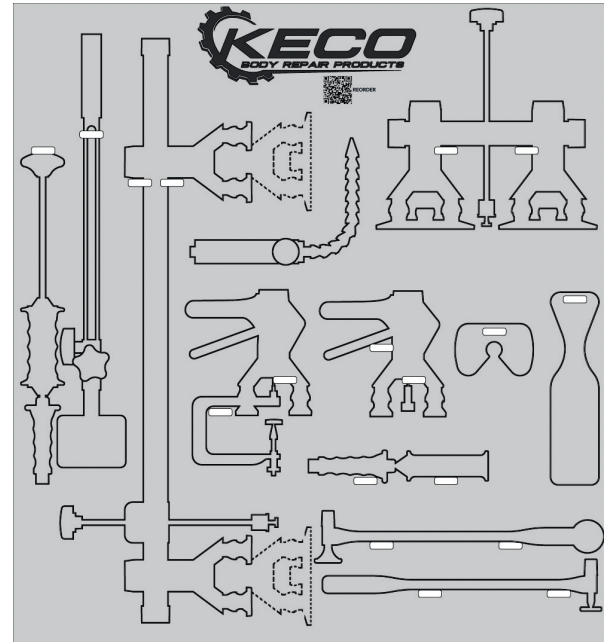
28) Continue with opening all remaining packages contained on the lower cart and hanging tools per the outlines located on the shadow board.

29) Place glue guns, heat gun, and infrared thermometer in the top side tool holder.

30) Place cleaning solution and glue as desired in cup holders on lower, right-side tool holder.

31) Install K-Powers on the left side of the cart using the tab-strap tool holders.

- K-Beam is found in Box 4
- K-Power and K-Power Jr. found in Box 3



Step 9 Assemble Shop Light

32) The Shop Light is Located in Box 5

33) Start with the base components and install the casters in the end of each base extrusion. Place the bolts thru the top where the thread is on the bottom and through the casters. Place nuts on securing the casters with 9/16" socket and/or open-end wrench.

NOTE: The longer bolts will be used for the fixed portion of the base, or the deeper extrusion in the back of the light.

34) Insert the smaller extrusion into the base portion to desired extension and tighten knobs.

35) Place the black plastic tray in rear of shop light base.

36) Place main column section (has 3 knobs) over the post in the base with the (2) knobs at the bottom. One knob should be facing forward as to not block the tray or battery area.

37) Insert the upper column into the main post with the pivot area facing forward.

38) Insert the round extruded extension into the plastic clamp in the pivot location. The knob may need to be loosened to accomodate the tube.

39) Snap the main light into the end of the round extension tube by depressing the spring button and aligning until it snaps in place.

40) Finish connecting wire assembly to the desired 12VDC power source.

NOTE: Optional 120VAC to DC adapters are available from KECO.



Shop Light Assembly



System Complete!

Questions?

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