



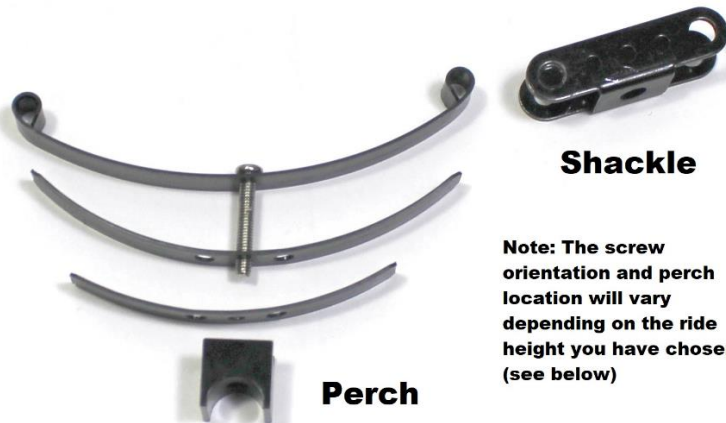
**RACERS
EDGE
PRO SERIES**

1/10 Scale Full Metal Trailer with LED Lights

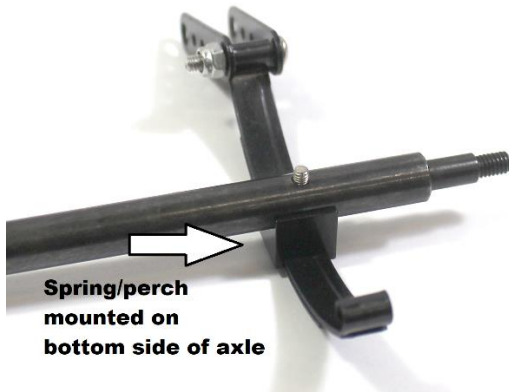
1. Assemble axles
 - a. Lay out the contents of the bag containing the leaf springs.
 - i. Locate the (4) M2.5 x 16 screws
 - ii. Stack one of each of the three different leaf springs together, starting with the smallest, and ending with the main leaf (with the eyelets toward the top).
 - iii. Place the stacked springs onto the spring perch, and align the perch with the hole in either end of the axle. Insert one of the M2.5 x 16 screws, and tighten, making sure the spring fits into the channel on the perch. Note: Pay attention to the orientation of the leaf spring. If the spring is placed on top of the axle, with the eyelets upward, your trailer will have a higher ride height. Mounting the springs and perch underneath the axles will lower the trailer. Make sure all four springs are mounted in the same orientation.
 - iv. Repeat for the remaining three spring assemblies.

IMPORTANT: If you build your trailer in the high ride height configuration, you will need a block or spacer for the tongue jack to reach the ground.

Spring assembly



Spring mounting for low ride height



Spring mounting for high ride height



- v. Locate the spring shackles, and identify the 3mm hole. Align the hole in the shackle with the spring eyelet, and insert a M3 x 16 screw. Tighten a locknut until it is snug against the shackle, being cautious not to overtighten. The shackle should pivot freely on the spring. Install another shackle on the opposite spring, at the same end. The shackles only go on one end of the spring, and should both be on the same side of the axle (see below). Repeat for the other axle.



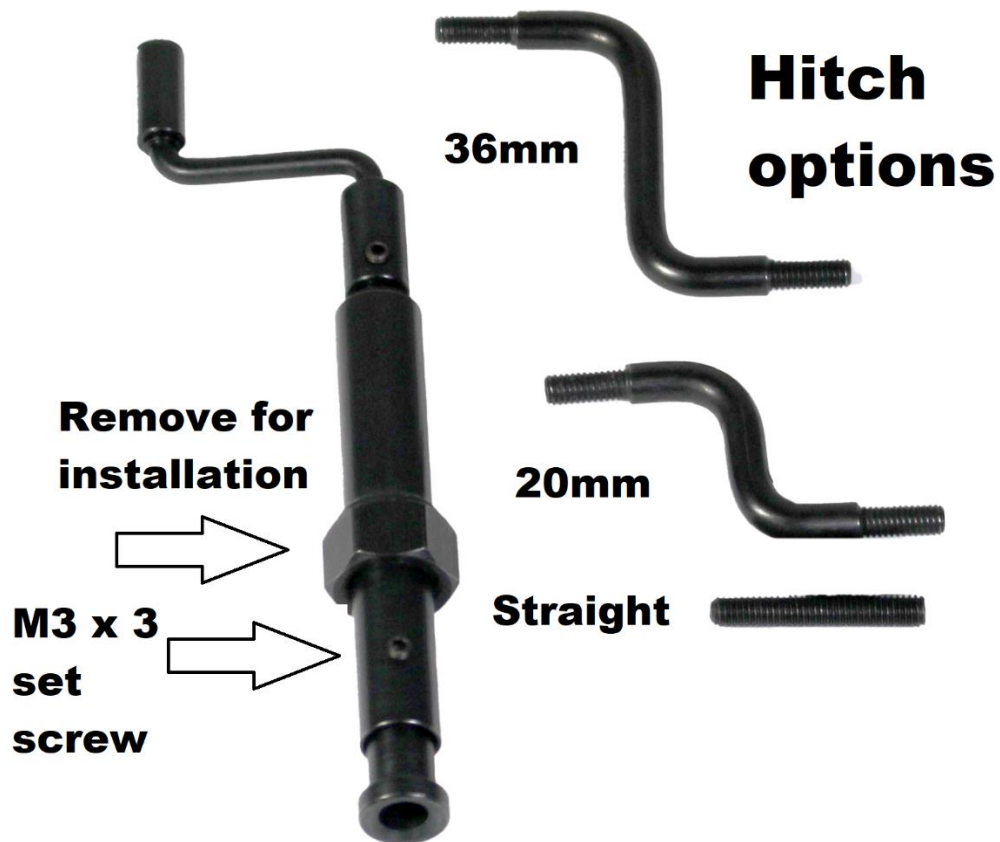
2. Trailer bed assembly

- a. With the trailer bed laid face down, use (6) M3 x 6 screws to attach the trailer tongue to the underside of the bed.
- b. Align the spring eyelet inside the tall spring mount on the trailer's frame, and fasten using a M3 x 16 screw and locknut. Do not overtighten. Repeat for the other side. Note: The screws may fit tightly through the holes due to the thickness of the coating. Simply thread them through, or clean the holes out with a 3mm bit.
- c. Align the shackle with the short spring mount on the trailer, and fasten using a M3 x 16 screw and locknut. Do not overtighten. Repeat for the other side. Attach the second axle the same way. See photo below.



**Mounted axle
assemblies**

- d. Using (2) M3 x 6 screws, attach the fender. The frame rail is threaded, so no nut is required. Be careful not to overtighten and strip the threads. Repeat for the other side.
3. Tongue assembly
- a. Attach the tool box to the tongue using (2) M3 x 6 screws and locknuts.
 - b. Attach the tongue jack
 - i. Use a 1.5mm hex wrench to remove the M3 x 3 jack set screw, then remove the jack “foot” by rotating it out. This will allow you to remove the large nut from the tongue jack. (see photo below)
 - ii. Slide the tongue jack through the top of the tongue, and reinstall the large nut from underneath.
 - iii. Thread the foot back into the jack, making sure the flat spot aligns with the set screw hole. Apply a very small drop of thread lock to the set screw, and thread it in until it is snug, then back it off ¼ turn. Allow the thread lock to dry. Failure to back the screw off will prevent the tongue jack from operating.



- c. Assemble hitch
 - i. Choose the proper hitch height for your rig. Your choice will depend on your trailer ride height option as well as the height of the mount on your rig.
 - ii. Install an M4 nut and washer to the hitch, and thread that assembly into the tongue. Tighten the M4 nut against the tongue to lock the hitch into place.
 - iii. Install an M4 nut, washer, and the aluminum rod end to the hitch. Tighten the M4 nut against the rod end to lock the assembly into place.
4. Install LED lights
 - a. Route the wiring through the frame, with one LED in position for each of the light bezels.
 - b. Push the LED through the frame so that it sticks out by a few millimeters, and zip-tie it into place.
 - c. Using a 7mm nut driver, install (6) black/machined light bezels into the predrilled holes in the trailer frame. This will push the LED back through the frame slightly, holding it into place.
 - d. Repeat for all six lights.
 - e. Install the switch into the lid of the toolbox using the 5.5mm nut and washer.

- f. Install batteries, and replace the toolbox lid.
5. Wheels/Tires
- a. Insert the wheel front half into the tire, then then rear wheel half, and the aluminum hub (see photo below). Insert (5) M2 x 10 screws through the back of the hub, and secure them with M2 nuts. Pay close attention to lining up the spokes so the front and rear match.
 - b. Carefully insert the 5x11 bearings into each hub, and secure them to the axles with a washer and M4 nut.



6. Insert ramps into the holders at the rear of the trailer.



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