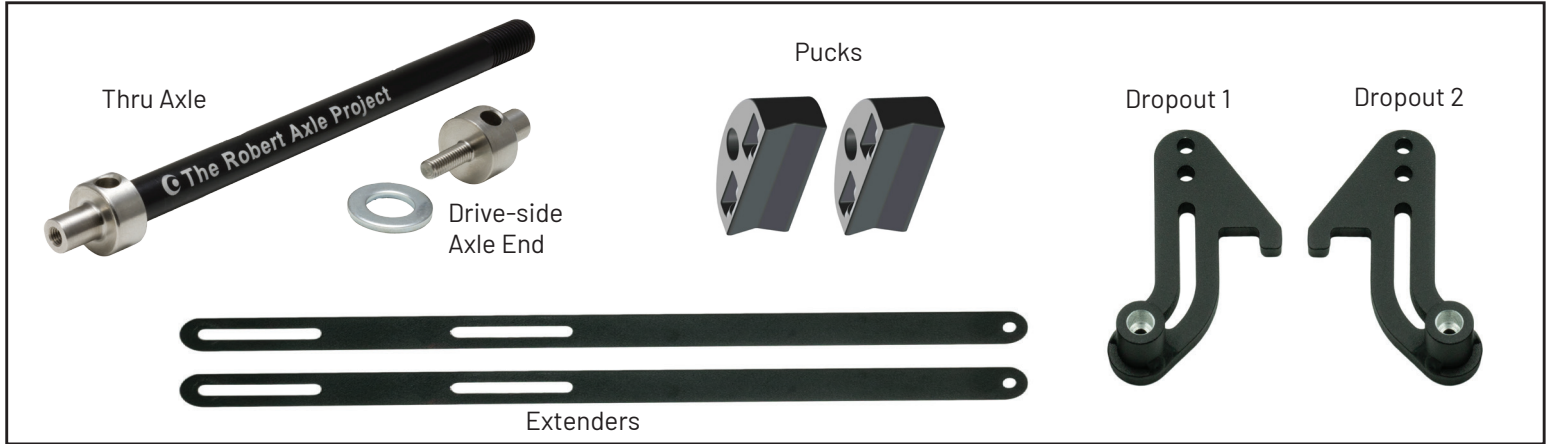


# REAR RACK INSTALLATION INSTRUCTIONS



## Tools Needed:

- 4mm hex and 5mm hex wrenches on a torque wrench
- 10mm box wrench
- pliers or third hand tool
- cable cutters (dikes or dike pliers)
- grease



figure 1



figure 2

## 1. Install thru axle:

- Compare your stock thru axle to the Robert Axle Project thru axle provided in your Fit Kit. The axle shafts should match in length (figure 1) within +/- 2 mm (use enclosed spacers if needed) and in thread pitch. (figure 2.)
- Apply grease to the shaft and threads of the Robert Axle and insert into your bike. Insert a 5mm hex key through the hole drilled through the end of the axle. Using the 5mm hex key as a lever, tighten to the equivalent of 10 Nm.
- Install the drive-side axle end cap. Important: The axle end cap should tighten against the frame with the supplied washer in place. There should be no gap. If there is a gap between the axle end and the bike frame, contact us immediately. Install the axle end cap and torque to 6 Nm. Do not overtighten.

## 2. Attach dropouts:

- Set your OMM rack upside down on a flat surface with the reflector hole in the rack deck facing away from you.
- Determine Dropout #1 vs. Dropout #2, using image above.
- Using **Hardware Kit D**, install Dropout 1 against the outside of the left side of the rack frame. The pannier hooks on the dropouts should be pointing towards the reflector hole.
- Install the bolts pointing in towards the middle of the rack. Tighten Dropout 1 firmly.
- Repeat the above step with Dropout 2, but leave the hardware slightly loose.
- Visually inspect alignment from the side to make certain that the edges of the drop outs are parallel. Make adjustments if necessary to make them parallel.
- Firmly tighten Dropout 2.
- Place your OMM rack onto the axle on your bike and use **Hardware Kit A** and split lock washer. You may need to flex the rack to fit it on your bike.
- Make sure the rack is close to level, and tighten rack to the axle. This helps hold the rack in place while completing the next steps.



## 3. Install Extenders:

- Orient the Extenders so the slots are toward the rack and the closed holes are toward the bike. Use the **Hardware Kit E** to attach the Extenders to the inside of the rack frame. Snug them up, but do not torque them yet.
- If your bike has eyelets, you use them instead of the Pucks to attach the Extenders to your bike. If you are not using eyelets, follow the directions below.
- Install the Pucks on to the Extenders with **Hardware Kit F**. Insert the provided Nyloc nut into the Puck. The Puck should be oriented so the nut faces the wheel.
- Locate where you want to install the Pucks onto your seat stays, and install the clear protective tape to those areas.
- On some bikes, bending the Extenders is necessary to properly line up the extenders with the seat stays.

## 4. Attach Extenders to bike:

- After attaching the Pucks to the Extenders and installing the clear protective tape on to your seat stays, mount the Pucks on to your seat stays using the supplied zip ties. Leave the zip ties very loose.
- Check to make sure the rack is level.
- Tighten zip ties by pulling them with pliers. Trim excess.

## 5. Final check and hardware tightening.

- Tighten up all the hardware to the following specifications.
- M5 bolts (axles, Pucks and seat post mounts) = 3 Nm
- M6 bolts (dropouts and Extenders) = 6 Nm

**Double check all hardware and parts before each ride!**