

Powering the IHP HO Scale Kawasaki Single-End LRV Model

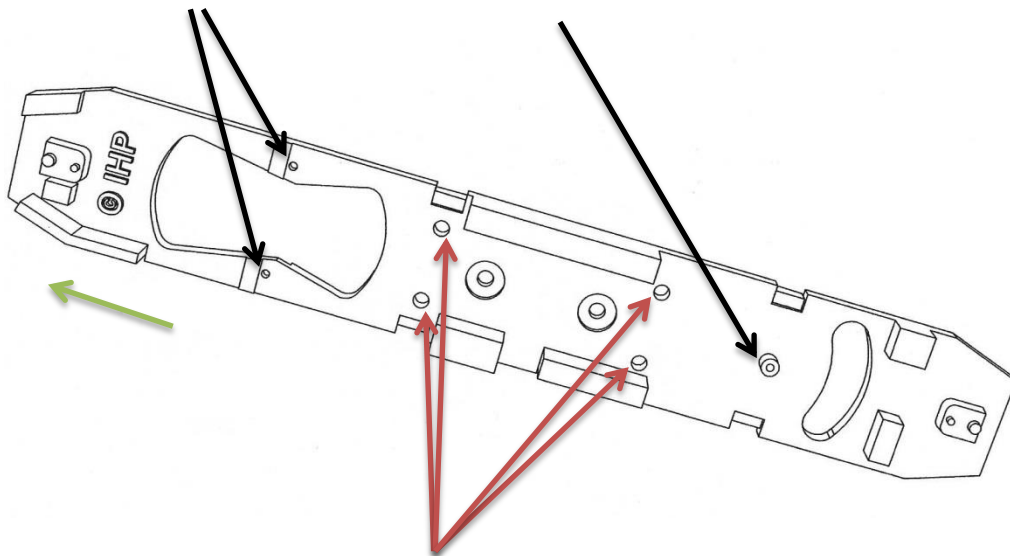
This model makes use of a 3D-printed frame, designed to accept the Bowser #125100 drive and snap into the Kawasaki model the same as the original frame. Minimal work is required, but it should be done by a more experienced modeler and experience with the Bowser drive and components will help. You will need a small handheld twist drill with small drill bits (a 1/32", a 1/16" and a 1/8" drill bit will all be required), and a tap for a 2-56 screw (this can also be used in the handheld twist drill). Also, you'll need a small flat file, a soldering iron and solder, some stranded hookup wire, and a small flat and Phillips head screwdriver set. NOTE: If you are unsure of your ability to power this model, find someone that can do it for you.

Firstly, order the frame from IHP's Shapeways page. It will take about 5-10 days to arrive from ordering.

Secondly, order the Bowser #125100 drive from Bowser. It may also be available through your local hobby shop or traction supplier (Custom Traxx and Berkshire Car Shop, as well as Cappelli Hobbies in Philadelphia, stock Bowser products). Follow the Bowser instructions for assembly or service of their components.

This is the 3D printed frame from Shapeways as you receive it.

Use the 1/16" drill and the 2-56 tap on these holes: For this hole, start from the topside. Make sure you drill straight and not skewed.



Use the 1/8" drill to open up these holes if necessary.

Use a small file to trim any burrs from the edges of the frame and make sure it fits in the shell without any binding or friction, and make sure it doesn't cause the body to bulge outward anywhere.