

# N Scale Northern Pacific log car Instructions

This kit is comprised of 3d printed and etched metal parts, with a cast metal weight and a couple other small parts. Please read through the instructions before starting to ensure you assemble the kit in the correct manner. Enjoy!

You will need the following parts and supplies for this kit:

Micro Trains Bettendorf trucks with 33# wheelsets. Low profile is better.

Micro Trains 1015 couplers.

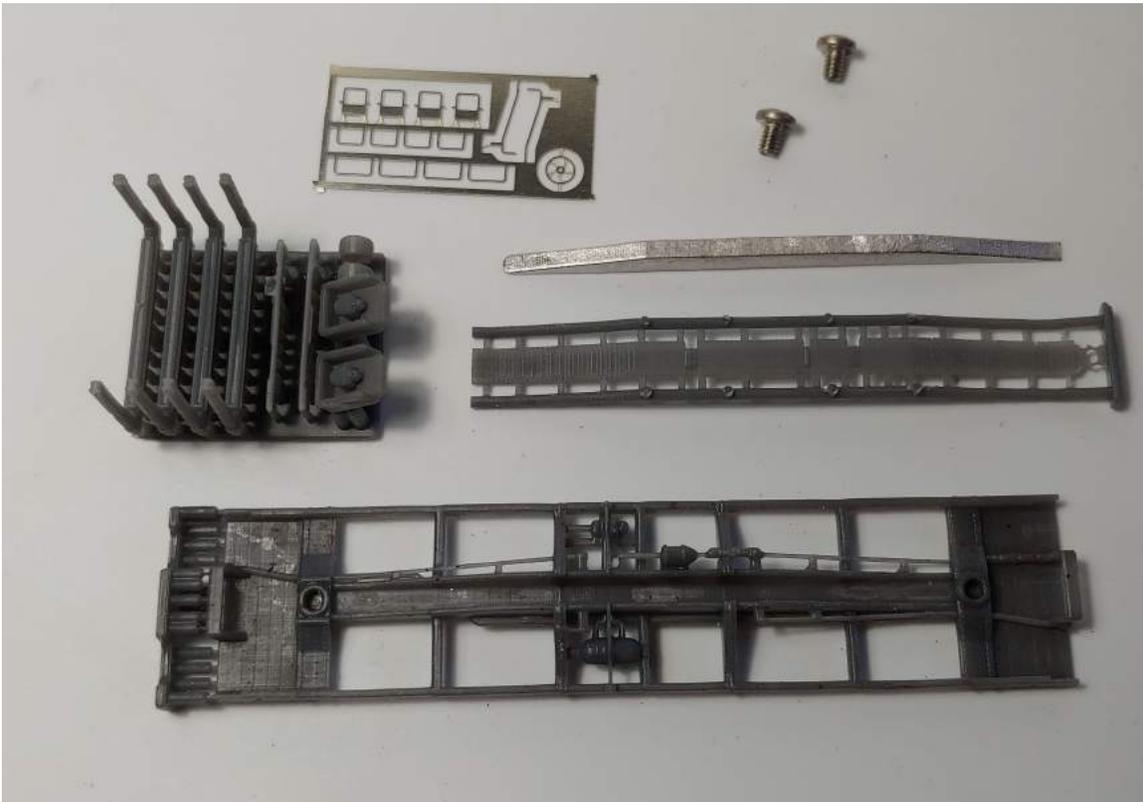
1/16" drill bit

#80 drill bit

CA glue

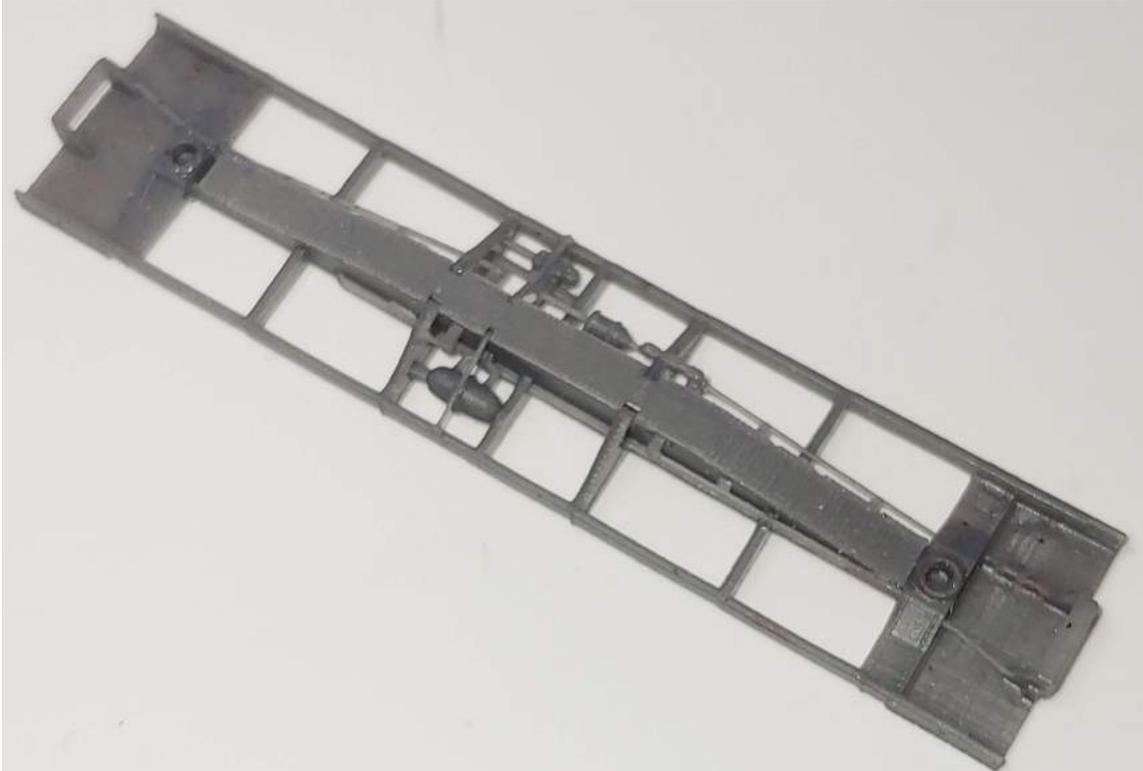
400 grit sandpaper

1. These are the parts that you get in the kit.

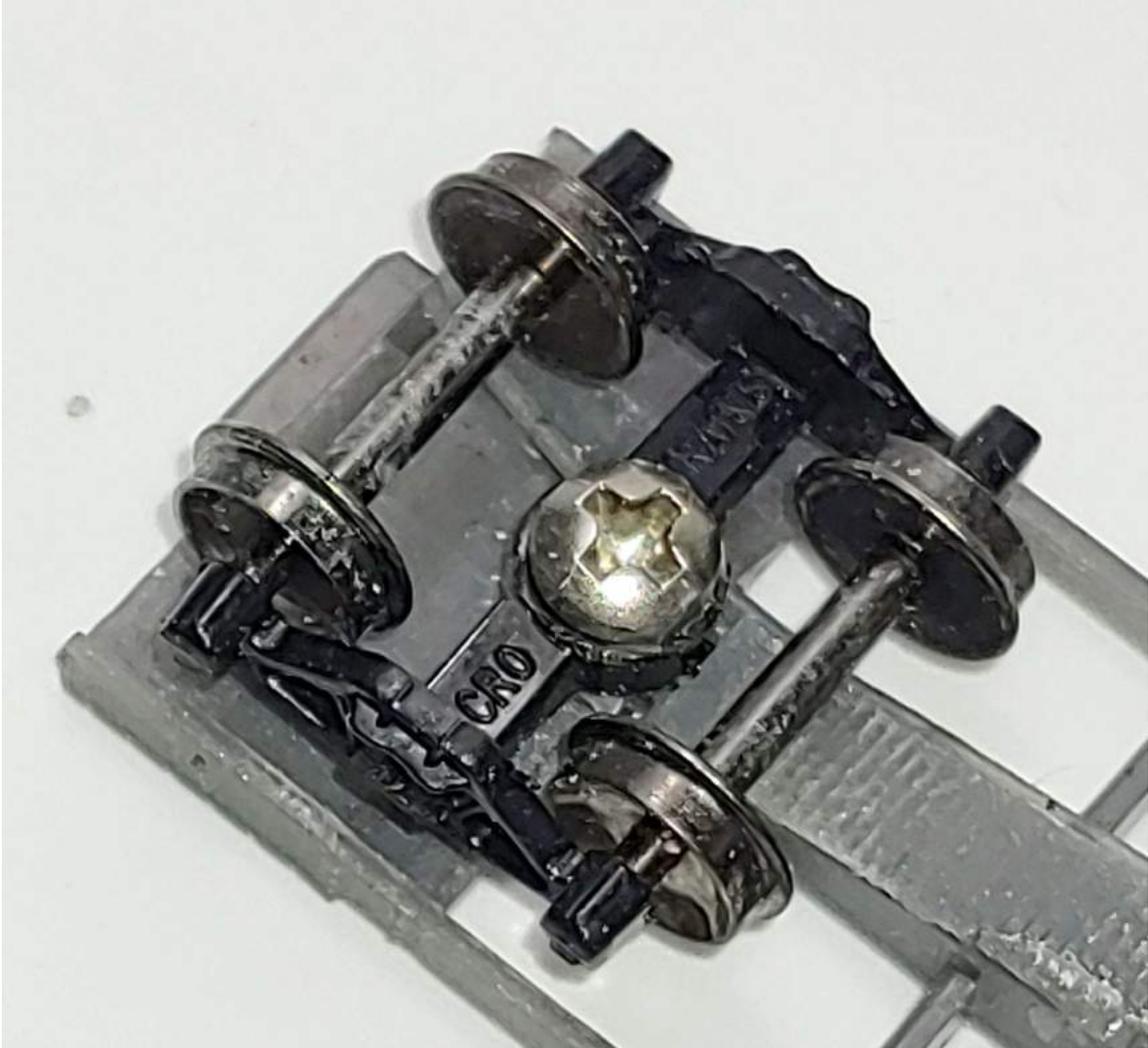


**2. Remove the parts from the support structures with a sharp hobby knife. The best way is to make many light passes at the contact point until the parts fall off.**

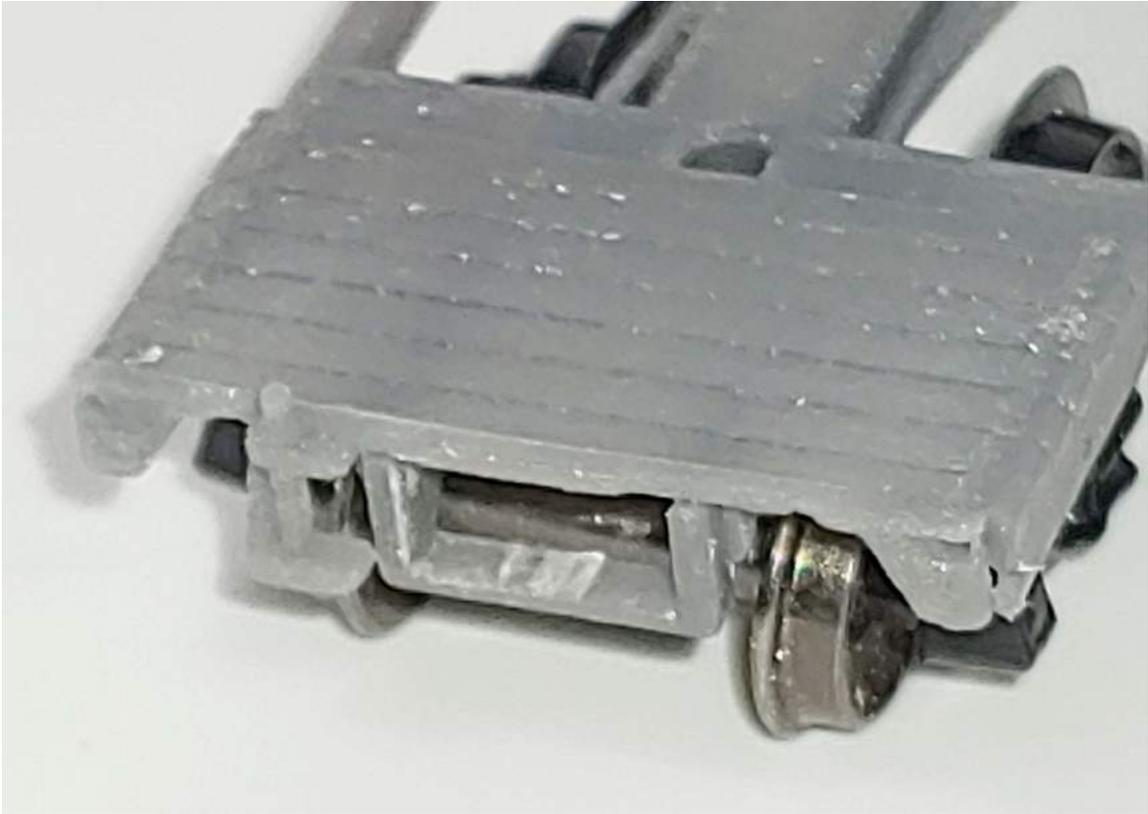
**3. Check the weight for flashing, also make sure it's straight, then test fit it into the center sill. Glue it in place. Check the car for straightness. If it isn't straight, carefully and lightly bend it over the edge of a work bench until it is. Be gentle here, but I did a few and had no problems. Glue the center sill cover plate in place.**



**5. Drill the bolsters 1/16 for the screws or Micro Trains pins. You may need to ream them a bit for the MT pins, but I like screws better. Screw the trucks in place for now. There are two little bushings included to go on the screws, to meet the size of the holes in the MT trucks.**



**6. Glue the end sills in place. They are different, so make sure the brake cylinder points to the end with the hand brake rod brace on it.**

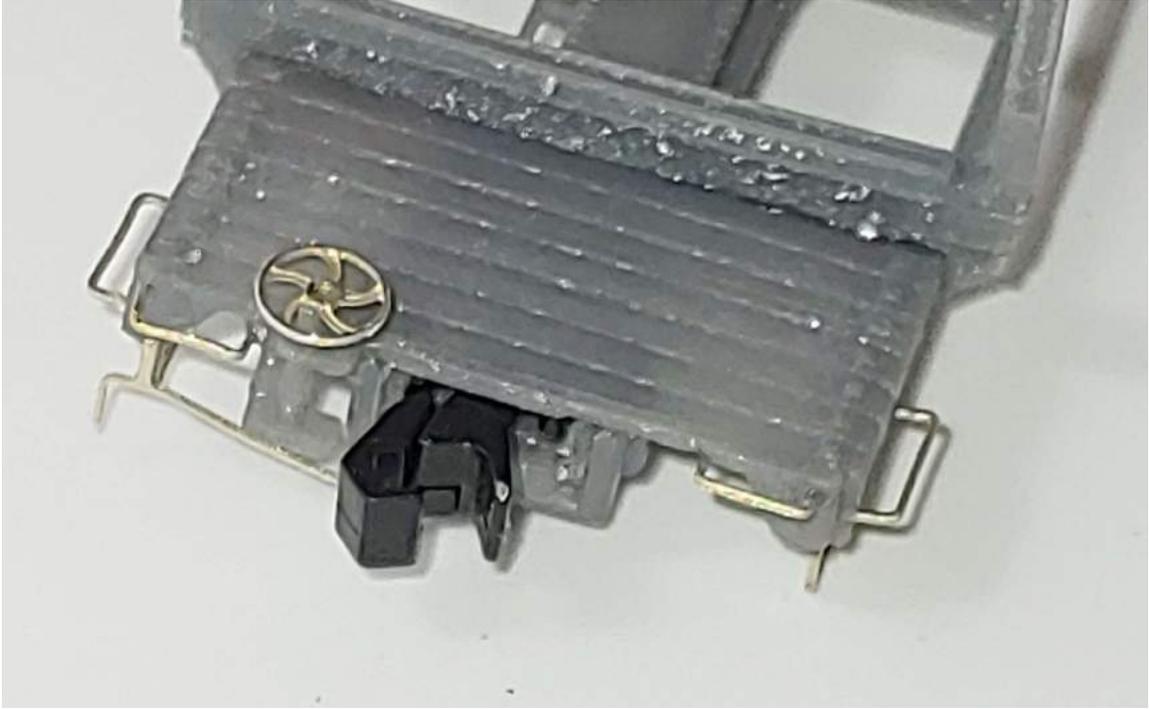


**7. Assemble the MT 1015 couplers into the boxes, then slide the boxes into place until they latch.**

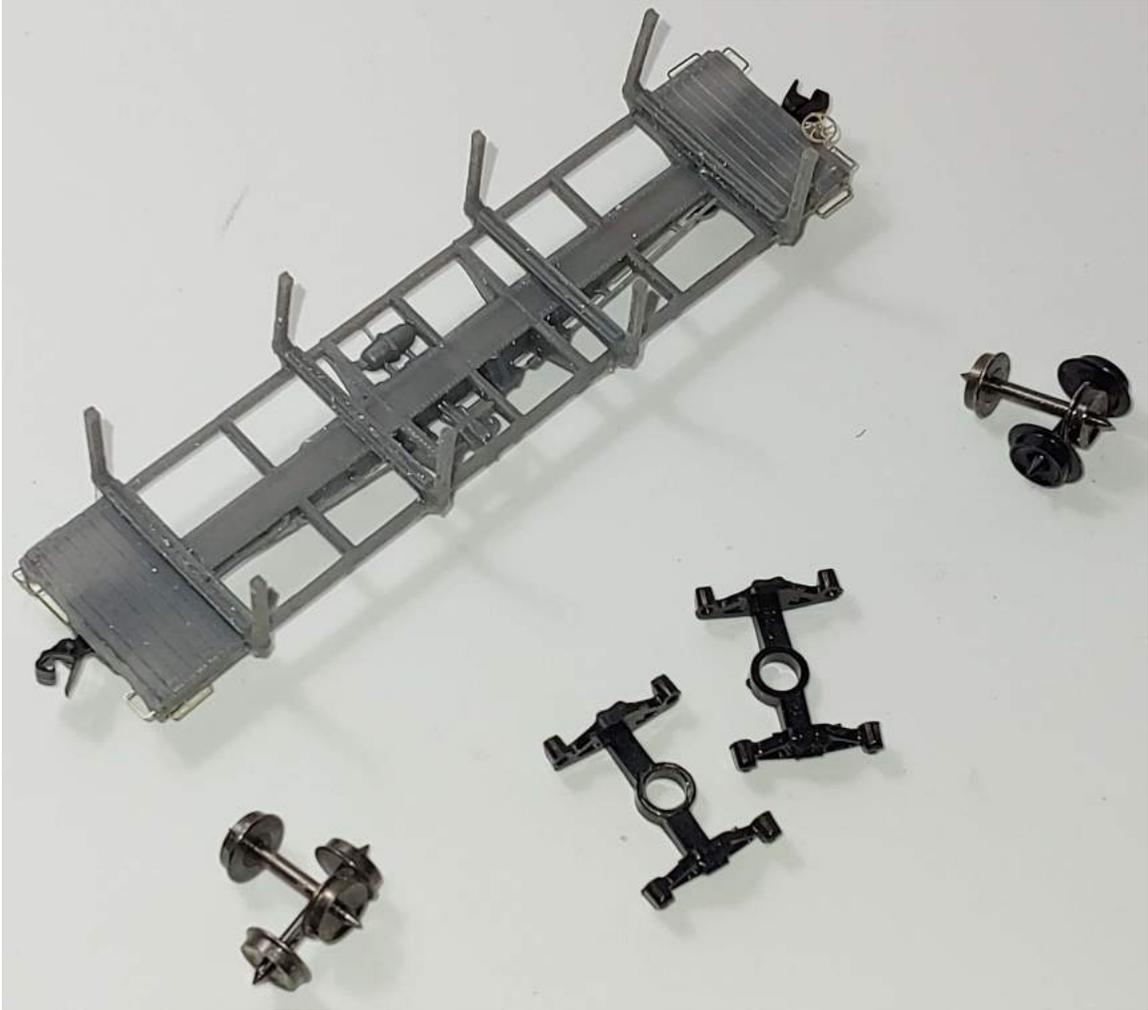
**8. Glue the bunks in place. Pay attention to the photos for alignment of the center bunks. They should be equally spaced.**

**9. Remove etched parts from the fret. Cut all parts except the brake wheel directly next to the metal of the body of the fret. The brake wheel should be cut off flush with the outside rim of the wheel.**

**10. Glue the grab irons, stirrup steps, brake wheel, and cut levers in place. Refer to the photos at the end of the instructions for placement. When installing the grab irons, there are printed in holes, but they are not reliably open. Open the holes with a #80 drill bit if necessary.**



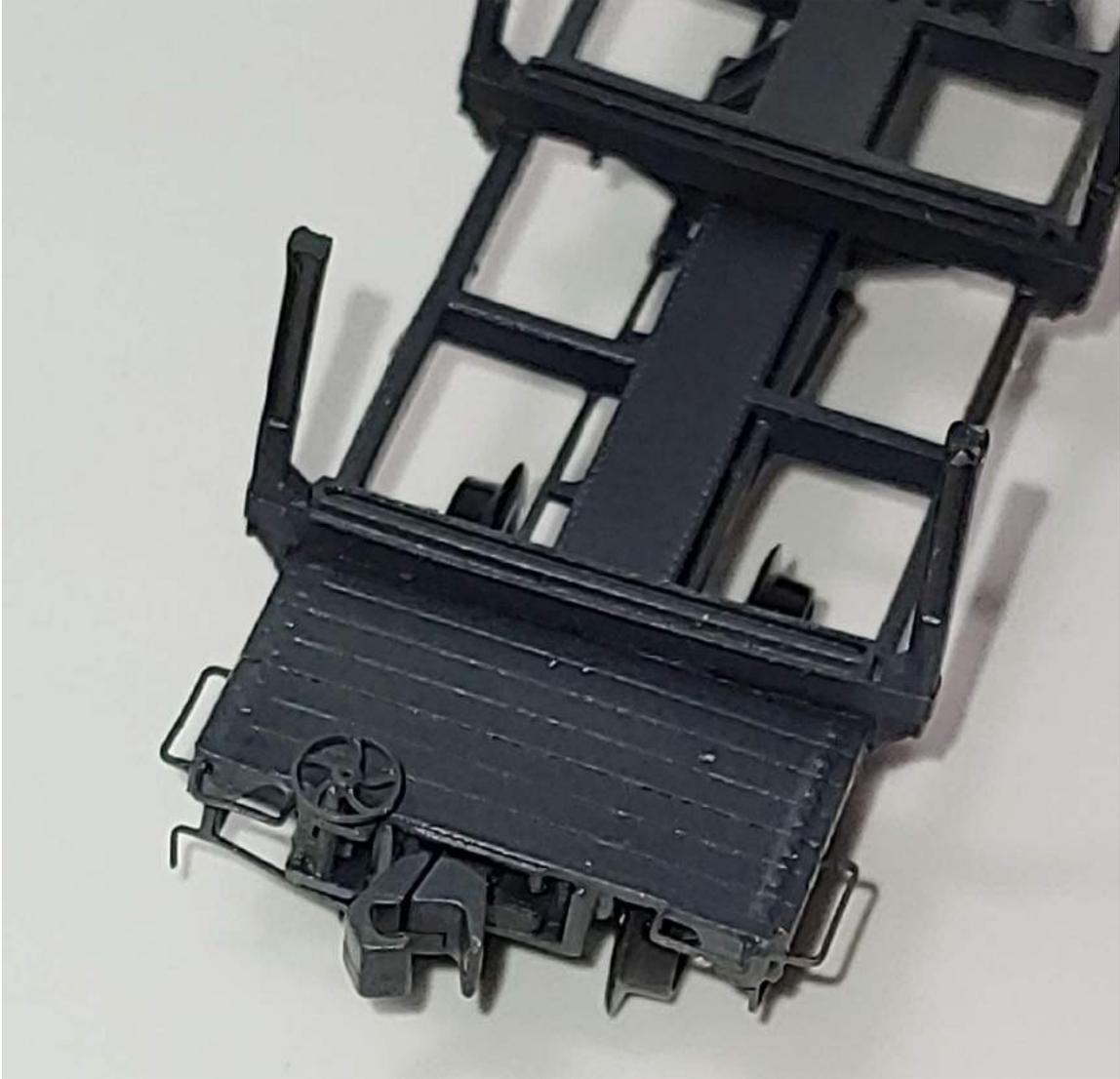
**At this point you should have this to paint-**



**11. Paint your car as desired. I used Testor Acryl gloss black, as it takes decals perfectly. Apply the decals as per the photos, unless you have another photo of these cars. They are all pretty different, so it's up to you. There are options for some of the data and lube information.**







Thank you for purchasing this kit! We sincerely hope you enjoyed building it. For

**product support or questions please email us at:**

**[sales@briggsmanufacturingassociates.com](mailto:sales@briggsmanufacturingassociates.com)**