



**ALWAYS** have Adult Supervision when working with tools!  
**ALWAYS** wear Eye Protection when working with tools!  
**ALWAYS** wear a Dust Mask when working with Abrasives and Polishing Compounds!

**Hodges Hobby House  
STAGE II  
3000 Grit  
Axle Polishing Kit**

- 3 micron polishing paper
- 2 micron polishing paper
- 1 micron polishing paper
- 0.3 micron polishing paper
- 4 application sticks



**NOTE:  
Speed Axles III**

**Note:** If you are using my Speed Axle III's, they are very fast right out of the box, but can be improved with 3µm to 0.3 µm polishing paper, **not sanding or filing**. The nickel plating is rather thin and sanding (or too much polishing) could remove it. So, be careful.



1. Mount the axle in a 1/4 inch drill motor or a Dremel® tool leaving about .5" of the axle exposed for polishing.
2. Cut the wet/dry polishing paper into .5" strips. Dip in a glass of water to slightly wet the paper. Place the polishing paper against the applicator stick as shown and polish the axle shaft by applying firm pressure back and forth for about 15 seconds. Begin with the 3 micron (pink), followed by the 2 micron (aqua), 1 micron (pale green), working your way up to 0.3 micron (Cream) **NOTE: Use the darker side of the Pink (3µm), Aqua (2µm) and Pale Green (1µm) polishing paper against the axle. Use the dull side of the Cream (0.3µm).** Inspect your work. Is the axle perfectly smooth? If not, repeat the wet polishing.
3. With a clean soft cloth, buff and polish the spinning axle to a bright mirror finish.
4. Repeat for all 4 axles.
5. When done, I recommend cleaning the axles with isopropyl alcohol to remove any of the residual. We want a clean smooth surface for the graphite/moly.

