



- !** 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 I
3000 Grit
Axle Polishing Kit

NOTE:
Speed Axles III

Note: This Kit is intended for use with Zinc plated nail type axles. If you are using my Speed Axle III's, they are very fast right out of the box, but can be improved with the STAGE II Sub-Micron Axle Polishing Kit(3µm to 0.3 µm polishing paper) **This kit is too coarse for the nickel plating and should not be used.** The nickel plating is rather thin and sanding (or too much polishing) could remove it. So, be careful.



- 500 grit
- 1000 grit
- 1500 grit
- 2000 grit
- 2500 grit
- 3000 grit
- 4 application sticks



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 500, followed by the 1000, working your way up to 3000 Grit. 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.

