

HO Scale Chessie System slug body kit

This kit is made to use Athearn blue box GP9 trucks. If you wish to power the model, an Atlas GP7 will probably work the best to get the trucks and motor from. There is a printed motor mount included, but you will need to use double sided tape or shoe goo type adhesive to hold it in place.

You will need the following tools and supplies to build this kit:

- #77 and #79 drill bits
- Sandpaper
- flush cutting sprue nippers
- Emery board
- CA glue applicator
- CA accelerator
- Kadee whisker couplers (not plate spring style)
- K&S 1/16" x 1/4" brass strip or equivalent styrene strip

Take stock of all the parts you have.

You should have the following printed parts:

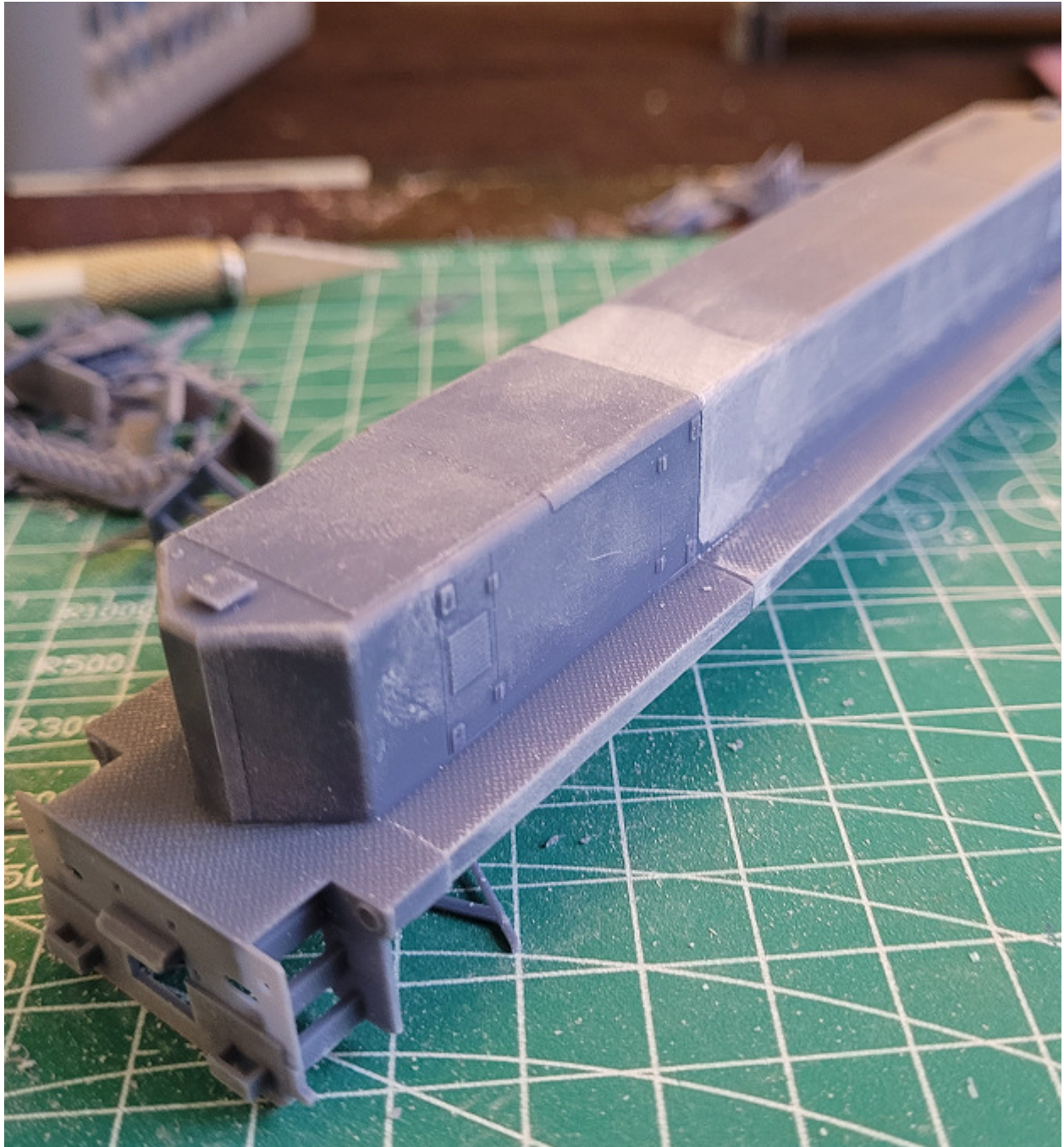
- 1 short body section (front)
- 1 long body section (back)
- 2 coupler boxes
- 2 coupler box lids
- 2 frame parts
- 2 pilot assemblies
- 2 bolsters
- 2 drop steps
- cut lever brackets

You have one fret with the following etched parts:

- 2 side handrail assemblies
- 2 end handrail assemblies
- eyebolts
- 12 step treads
- eyebolts
- 2 cut levers

Construction-

1. Remove the parts from their support posts. Use your flush cutting nippers to do this, and remove the posts one at a time. Never break them off.
2. Test fit the two body parts together, You will need to sand the edges to remove the "foot" created by the printing process. Glue together.
3. Test fit then glue the pilot assemblies to the body.



4. Cut two pieces of the 1/16" thick strip to length so they just fit inside the step wells. Mark the center. Now mark HO scale 15' 6" away from the center on both ends. Place the bolsters on a flat surface with the truck mount knob facing down, and glue the strips so the bolsters are centered on your marks.

5. Glue the frame sections to the strips. Make sure they're centered.

6. If you wish to make a powered model, glue the motor mount in place between the strips, then attach the motor with double sided tape or some sort of flexible glue. Test fit your trucks into the body and test run the model to ensure good operation. We didn't make our pilot model powered so you are on your own a bit from this point on.



7. Drill all the grab iron holes #79 and install grab irons.
8. Test fit the coupler boxes in the holes in the pilots. Install the couplers and box lids with the screws provided.
9. Drill #79 holes in the panels on the roof and install lift rings.
10. Glue the drop steps in place.
11. Remove the step treads from the fret and glue them in place. They are a very close fit, so make sure you remove all the burrs from the fret ties.
12. Remove the side and end handrail assemblies from the fret. Glue them in place on the body. The side

handrails have one end where the stanchion is further from the end. this is the front, and should go on the end of the body where the join is.



13. If you wish to install MU hoses, glue them in place now.

14. Paint your model as desired. You can install the clear number board material now or later, it is provided this way so you can light the number boards.

This completes the construction of your Chessie System slug. We genuinely hope you have enjoyed building this model.