

**All Nation Line SW 1500 Switcher In O Scale Unpowered KIT Shell PN# 236ANK  
Suggested Instructions**

Lay out pieces, inspect and identify.  
Some filing and fitting may be required  
Clean build/inspect – parts may be shipped in various colors unless customer specifies.

**For gluing up parts:**

Use a solid flat surface with parchment paper or wax paper that prevents parts from sticking to your work surface.

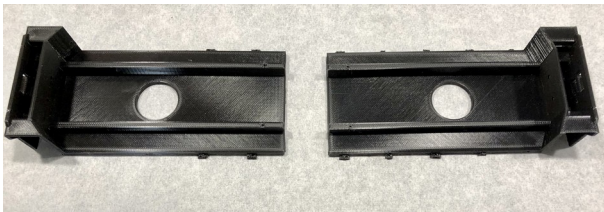
Optional: prior to gluing, alignment holes can be opened for use of brass pins.

**Suggested GLUE:**

J-B Kwik Weld for steel

**Step 1: Chassis Plate Assembly**

- ◆ Clean off support material to expose the stairs.
- ◆ Glue front and rear chassis plate allow to set/dry.

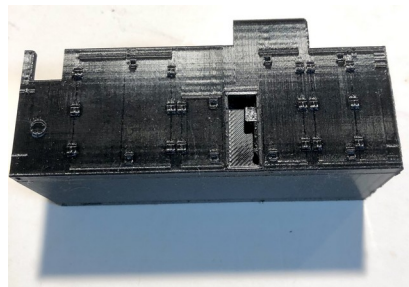
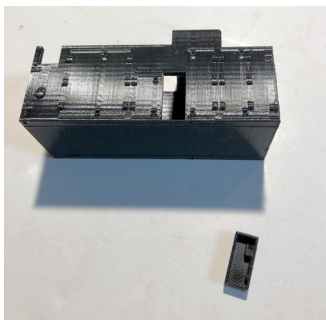


**Step 2: Front /Rear Motor Housing**

The floor of the motor housing is fragile. The modeler has the option to remove floor if power will be added. If power is not added, the floor may be reinforced at the interior seam with a bead of glue

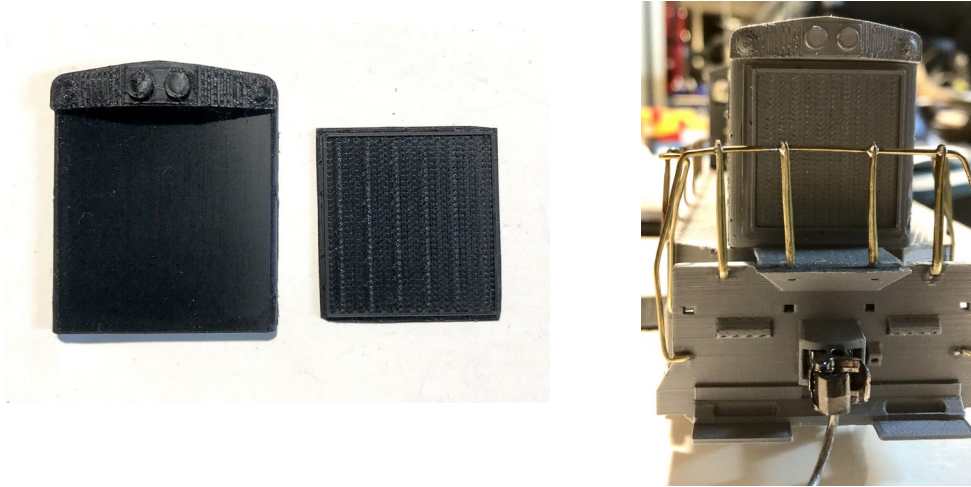
**Step 3: Hand brake and housing:**

File to fit into motor housing opening. Snap into place.



**Step 4: Front nose hood/grill**

Center the front nose grill on the nose hood and attach with glue.



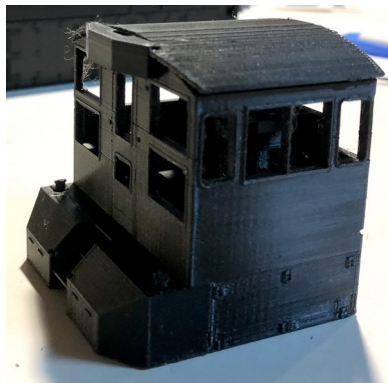
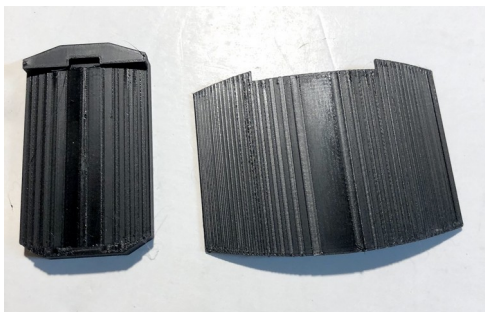
**Step 5: Cab Roof/Chairs:**

If removal of line work in the roof is desired, use wet sandpaper to smooth top of cab roof.

Dry Fit cab roof support to cab.

Options - Modeler's choice:

- a. Glue cab roof to cab roof support.
- b. Roof may be left removable to see details inside cab.
- c. Attach cab chairs as needed



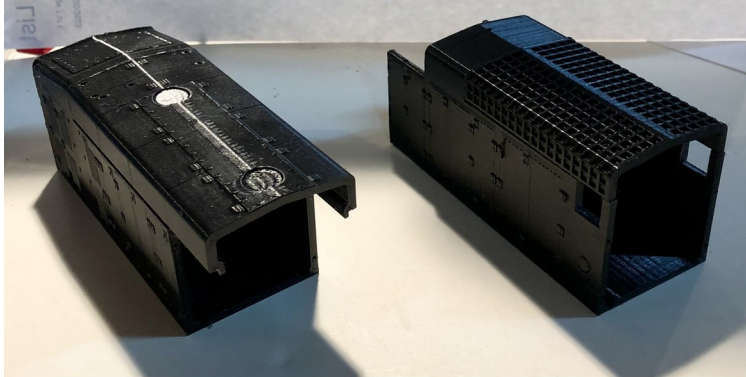
**Step 6: Cab & Chassis Plate**

The cab has 2 ends (Flat and Angled).

Once the chassis plate is dry (Step 1), mount and attach the cab to the rear chassis. The angles on the cab will match the angle on the appropriate chassis floor.

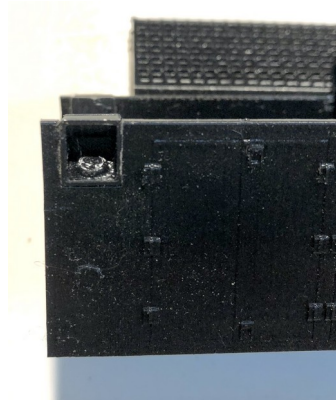
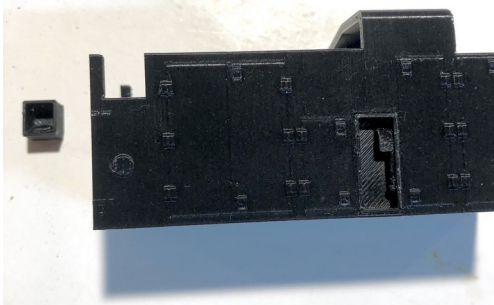
**Step 7: Front motor housing cover/roof.**

Glue the motor housing roof to the front motor housing.



**Step 8: Water/Sand refill caps**

File and fit Water/Sand refill caps into motor housing. Snap into place (and/or glue) once the motor housing roof is attached.



**Step 9: Nose hood to motor housing**

Attach the front nose hood/grill assembly (Step 4) to the front motor housing.

**Step 10: Front /Rear Motor Housing**

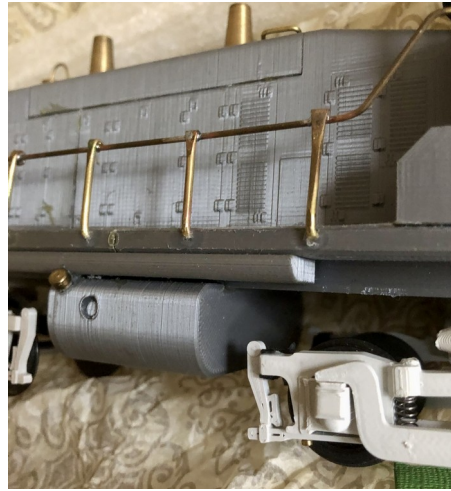
Using level surface, match the front motor housing to the rear motor housing and glue together.



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### Step 11: Fuel Tank / Fuel Gauge

Align fuel tank & Fuel Gauge on underbody, secure in place.  
Orient the fuel tank properly to the cab end.



### Step 12: Cab/Motor housing

Attach cab and motor housing to the chassis.



### Step 13: Sunshade / Stacks

Both Sunshades & stacks are included in this kit. Modeler can add them at their discretion when they detail this kit.

**For additional details (NOT included in kit)**

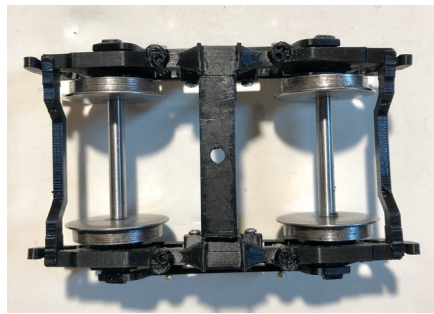
- ◆ Depending on the model, mount horn(s) to appropriate location for specific model.
- ◆ All Nation Line EMD Switcher Horn, Air Brass PN#2142
- ◆ Add window acetate detail at discretion of modeler (consider detailing cab prior to assembly). We added acetate prior to securing the cab to the floor.
- ◆ Gas cap could be added to the fuel tank, if desired.
- ◆ Once the chassis plate is cured, look for brass wire. Modeler may need to open holes.
- ◆ All Nation Diesel Engine Stanchions (1-3/16" long x 0.01" thickness) Brass for Scratch Building PN#418AN

**Trucks NOT included but can be bought under separate cover:**

As an example, we include photos of our AAR Trucks and include the photos of adding the truck mounts & king pin mounts. Trucks can be purchase assembled or unassembled.

All Nation AAR Type A Truck KIT UNASSEMBLED with Glue Jigs & 40" Wheels (Pair)  
PN#284ANK

Photo of assembled trucks:



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