

N Scale GP20 ECO Instruction

Please read through all instructions before starting! This will help you understand the process to build the model accurately.

There was one flaw in the transmitting of the files for the etched parts, and the blower duct walkway and hood side rear grab irons were omitted from the fret. I am truly sorry for this omission, the missing parts are being mailed out to affected customers by March 16, 2021.

This model kit is made to fit to a number of chassis. The key is getting one with the correct size fuel tank, full length. The following chassis will work-

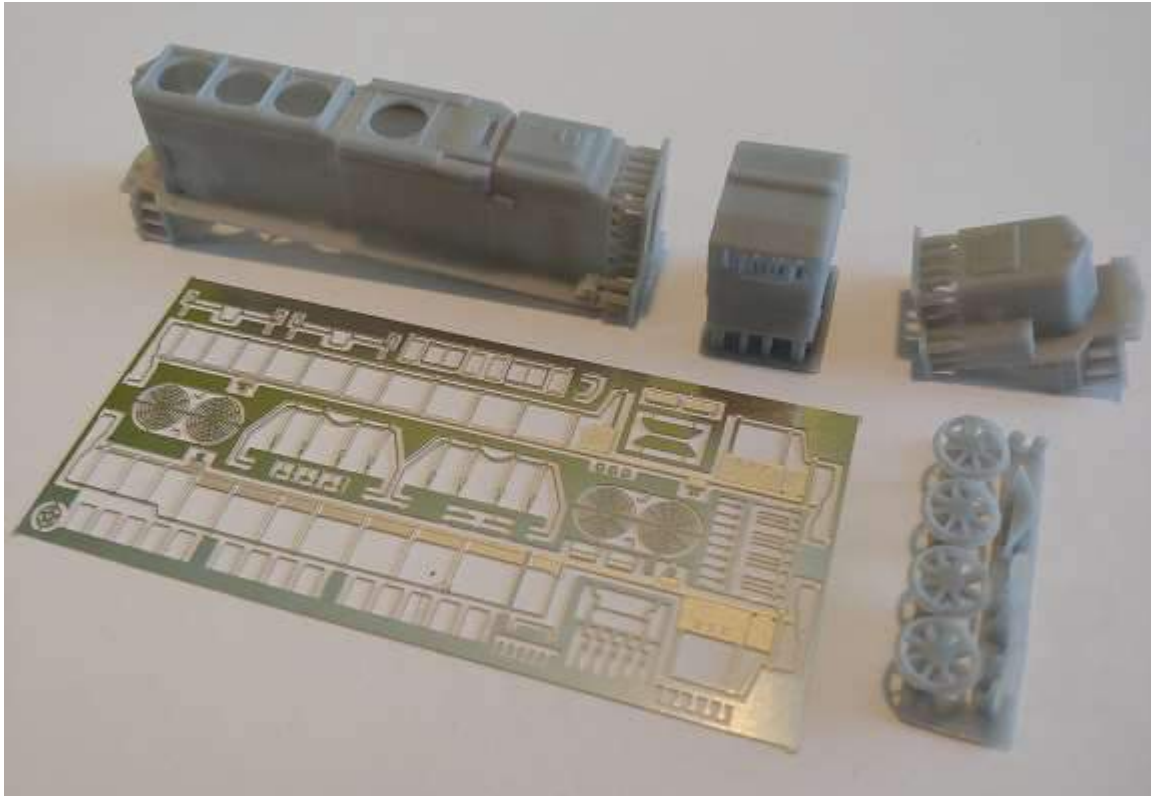
Atlas GP38
Atlas GP40
Atlas GP40-2
Life Like GP38-2
Life Like GP50
Kato GP50

There may also be others, but the determining factor is the brake wheel bulge inside the shell and fuel tank length. For our test model we used an Atlas GP40 and it fit perfectly.

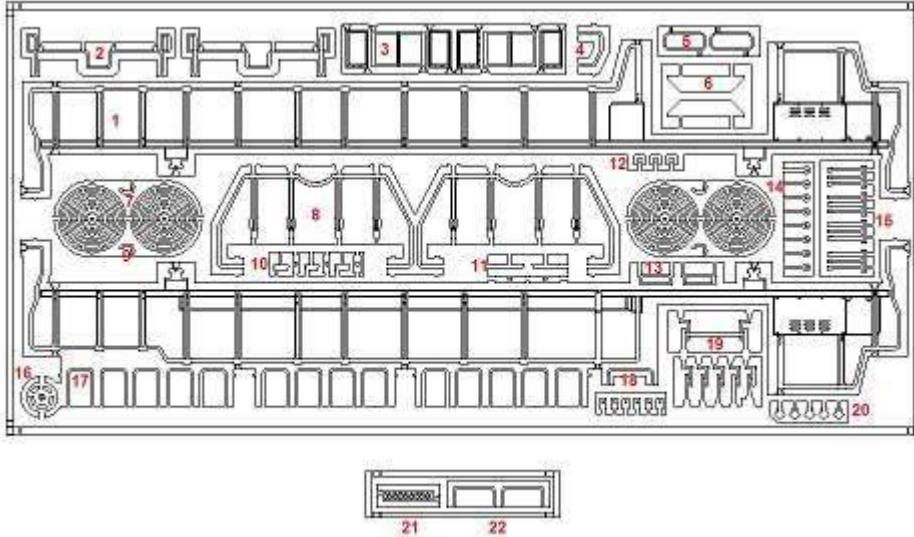
You will need the following tools and supplies to build this kit:

XActo knife with fresh #1 and #11 chisel blades
small peice of plexiglass
fingernail sanding board
flush cutting nippers
CA glue
#80 drill bits with handle
Micro Trains #1015 couplers in boxes

These are the parts included in your kit:



- 1 Side handrail assemblies
- 2 Cut levers
- 3 Cab side window frames
- 4 Rear hood top grab iron
- 5 Number boards
- 6 Sunshades NOT USED
- 7 Fan grilles
- 8 End handrail assemblies
- 9 Cab door handles
- 10 Locotrol antennas NOT USED
- 11 Sinclair antennas NOT USED
- 12 Large lift rings
- 13 Cab wind deflectors
- 14 Eyebolts
- 15 MU hose assemblies
- 16 Brake wheel
- 17 Grab irons
- 18 Blower duct grab iron
- 19 Windshield wipers
- 20 Cab step lights
- 21 Blower duct walkway
- 22 Hood side rear grab irons



Above is the diagram for the etched metal parts. Refer to it when you are removing parts. Do not remove parts from the fret until you are ready to use them, as some are very similar and easy to confuse. For removing the parts from the fret, use the piece of plexiglass, don't try and use a resealable cutting board or you will warp the parts. Use the plexi and XActo chisel blade to chop the parts out.

1. If you are installing lighting in the shell, drill the headlight openings out appropriately for your bulbs or optics.
2. Remove the sprues from the parts. Use your flush cutting nippers for this, cut one at a time. Once removed, use your fingernail board to sand the cut areas smooth.





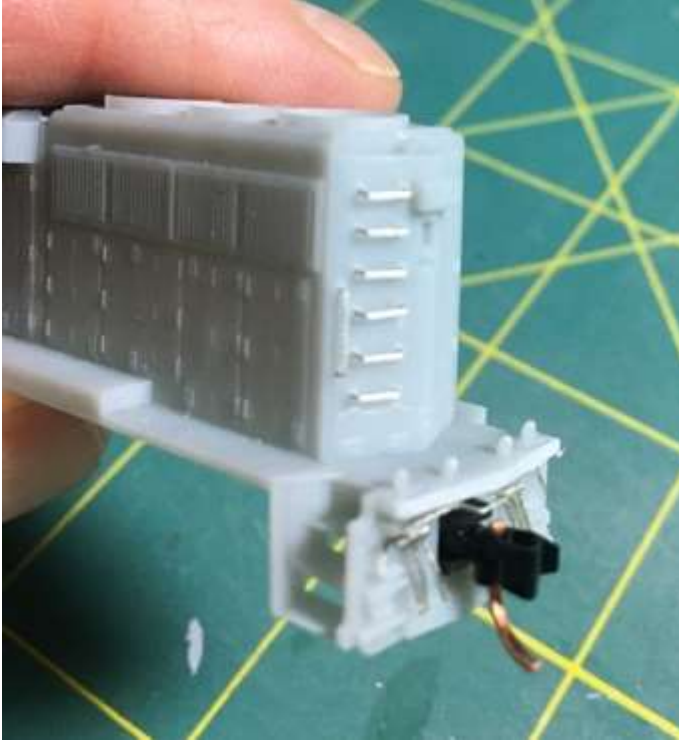
3. Glue the cab and hoods together.

4. Drill holes for the grab irons, lift rings, cab window deflectors, cab door handles, and windshield wipers #80. Refer to the fret diagram, and install the grab irons and lift rings now. Don't install the other parts yet, as they are metal colored and should be installed after paint.

5. Glue the fan housings and fan grilles in place.



6. Remove the side and end handrail assemblies from the fret. Ensure you remove these right next to the fret, removing all the part right up to the fret tie. Glue the side handrails onto the model. Also glue the end rails into the holes printed in the pilots, and the MU hoses onto the pilots. Drill #80 on the pilots for the cut levers, bend the brackets on them around, and glue them in place.





7. Insert the couplers into the shell, and screw them in place with the screws included with the MT couplers. Glue the ditch lights to the pilots, and the plow to the front pilot. This photo shows the number boards installed, but we recommend you leave these off, paint them separately, and install after painting. At this point, you can install the step lights if you wish to use them. They are tiny and almost invisible but they're included!



8. Install these parts after painting- windshield wipers, cab door handles, number boards, and cab side windows.



9. This is where the blower walkway should go..there is a grab iron on the top of the blower bulge as well.



10. Install the brake wheel to the side of the hood.



11. Install the parts that you did not install prior to paint.

This completes the construction of your GP20ECO. We sincerely hope you enjoyed the construction process.



