SPIRIT DESIGN

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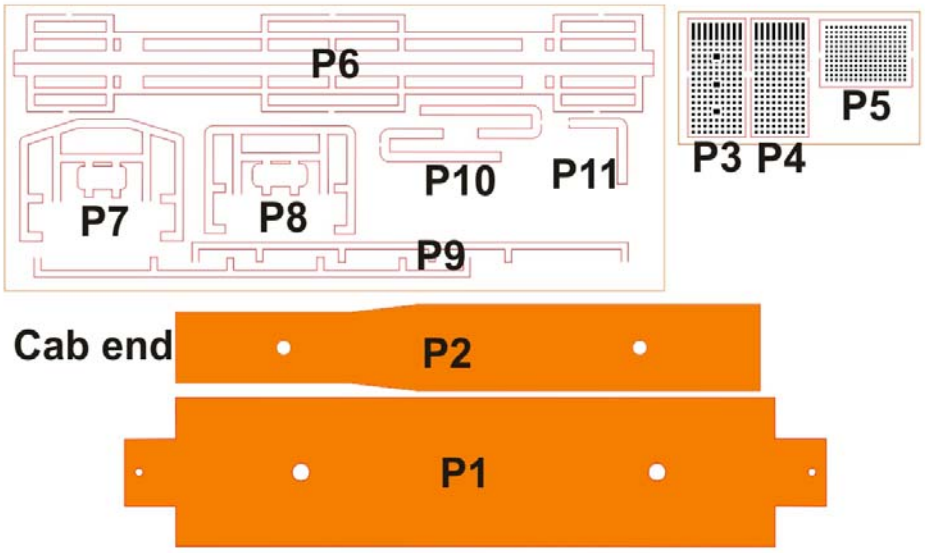
SDLoco15 - Victorian Railways Y class diesel-electric.

Brand new Y101 arrives from Clyde and is seen outside Dynon. Victorian Railways photo

Basic history: The Y class was the second-largest diesel class of the Victorian Railways with 75 members being built by Clyde's Granville workshops in 3 batches between 1963-1968. Utilising bogies off scrapped swing door electric trains and featuring a 6-cylinder EMD 567 and later a 645 engine they were highly regarded by crews and were a versatile go-anywhere engine. The long hood is designated the no1 end and controls were arranged accordingly. The fleet was seen over the entire VR system with 4 always on the standard gauge. Later on, in life, they received the V/line orange and grey livery and this was later replaced on the remaining active units with the new V/line red and blue. Some were fitted with DOO window openings altering their appearance. A few have entered private tourist railways and are still giving reliable service.

Reference photos:

http://www.victorianrailways.net/motive%20power/ydie/ydie.html
http://www.robx1.net/index/index.htm
http://www.pjv101.net/index.htm
Train Hobby Y class profile book



1. Glue (P2) to (P1) using PVA and round toothpicks to line up the holes
2. Using PVA glue (P3) into the hole of the long hood with the handbrake side
3. Using PVA glue (P4) into the opposite hole of the long hood
4. Using PVA glue (P5) to the hole in the top of the long hood
5. Y101-125 had a battery box (3D print provided) on the RHS of the cab walkway. File the 'Z' gauge clear so the 3D print can be glued in place. See The VR blue and gold photo below
6. The cab roof is folded along the laser lines to the rough shape of the cab roof profile and glued using PVA. Make sure the lines are inside the cab
7. Use PVA to glue the pipes centrally between the bogie holes. The pipe ends face outwards
8. ***Tip use 800 fine sandpaper to sand the lasered edge of the handrail plastic as this will aid in gluing***

9. Using Super glue Gel (P7s), the bottom 2 legs are glued into the lower recesses of the cab end headstock. Once dry, use a toothpick to place tiny amounts of Superglue into the remaining holes of the handrail
10. Using Super Glue Gel (P6) are glued to the running board edge in the recess provided
11. If you are using the long hood handrails (P9), open the holes in the body near the roof of the long hood with a 0.6mm or equivalent drill bit. Once done use PVA to adhere the handrails in place. They can only go in one way
12. Using a 0.6mm drill bit for the long hood horn – glue with PVA
13. After the completed chassis assembly and the bogies are painted black – screw the bogies into the holes of the dummy chassis
14. If you intend to use (P10 &P11) handrails drill and glue them in place using the photos as a guide

Wire handrails dimples and dimples for roof pipes have been provided for super detailers.

Paint and decorate as per the decals you ordered with the kit. When converting to a powered mech ***SAW*** do not cut the spacer bar in the long hood, as you will crack the resin print.

Glue the chassis to the body using PVA so that a little water can be used later if you decide to power the unit in the future

Battery box fitted to the RHS behind the cab. 3D print provided. File the 'Z' gauge on the body flat so that the 3D can sit flush