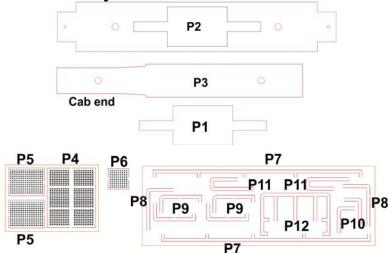


Web site: http://www.spiritdesign.com.au

ABN 92 510 718 068

SDLoco9 & 14 Dummy chassis Victorian Railways T320-T346 & T413 class diesel-electric



- 1. Glue (P1) to (P2) using PVA and round toothpicks to line up the holes
- 2. Glue (P3) internal body mount to the opposite side of (P2) using PVA and round toothpicks to line up the holes



Completed chassis

- 3. Using PVA glue (P4) into the hole of the long hood and make sure the edges are glued down
- 4. Using PVA glue (P5) into the LHS & RHS holes of the long hood
- 5. If this is T413 glue (P6) into the hole in the top of the short hood
- 6. Glue the fuel tank 3D print so that the small battery boxes face the cab front using PVA
- 7. Tip use 800 fine sandpaper to sand the lasered edge of the handrail plastic as this will aid in gluing
- 8. If you are using the long hood handrails (P7), 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
- 9. (P8-P11) handrails are optional for the builder as some dimple holes for starting with a 0.6mm drill. Others will need to be drilled also. If you are using file wire then use a smaller drill bit
- 10. (P12) is Super Glued to the long hood headstock see prototype photos on the web
- 11. Dimple holes for pipes are provided in the long hood for super-detail builders
- 12. Using a 0.6mm drill bit for the long hood horn glue with PVA
- 13. Use PVA to adhere 4 small marker lights into the recesses of the nose
- 14. Use PVA to glue the 3D-printed headlight/number board into the nose recesses provided
- 15. The completed chassis assembly and the bogies are painted black
- 16. Insert wheels into the non-notched side first (be careful as the resin is not flexible) removing is the opposite
- 17. Using the screws provided attach the bogies to the holes of the dummy chassis
- 18. Add weight sparingly as the bogies are not nylon and wear will be evident if too much weight is added. Oil the axle box points as a precaution

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 to separate it if you decide to power the unit in the future using a Bachmann S4