

## 1050 – Victorian Railways large wooden T van

Thank you for purchasing this kit and I hope you get many hours of enjoyment from it. Chris Pearce (Spirit Design)



T306 at Port Melbourne 3/12/1979. Photo courtesy of Rob O'Regan

**Basic history notes:** These were the bigger brothers of the short wheel T van of which 226 were constructed from 1909-1924. An ice bunker was provided running along the middle of the ceiling which was filled with ice from hatches in the roof. They were used to transport meat carcasses or other goods that required a cooler temperature. Their walls were relatively thick being 6 inches for insulation. A vertical channel was provided in the end to act as a drain for the ice bunker. The vans had a 15 1/2 ton capacity and were a relic from a bygone age they lasted to the late '70s in general traffic until withdrawn in earnest during the 1980s when the bulk of 4 wheelers were scrapped whilst some T vans converted to KMQ wagons. Five vans were converted to high-speed using TP bogies for passenger train running on the Mildura Fruit Flyer.

Several vans carried signage during their lives for various firms being, VIMA, Tancred Bros and W Angliss & Co PTY LTD. Decals are available separately from SpiritDesign

**The kit:** Can be put together in under an hour. Only minimal tools and basic skills are all that is required to build a very accurate model of a Victorian Railways 'T' van. It is suggested that you read through the instructions first to become familiar with the components and the essence of construction.

**Equipment & Materials:** **New/Sharp** Exacto knife (blade no 16 or similar), small saw and files. Selley's 'Kwik Grip' water-based, paints etc.

### **Wagon assembly:**

1. Trim any excess flash from the casting and using no fill sandpaper(white) gently sand the casting base to the bottom of the sideboards. Take your time and switch the direction of sanding from circle patterns to back and forth all the while checking how far you have sanded
2. The underframe ends need about 0.25-0.5mm removed from the internal raised section so that body will sit down correctly
3. Glue weights of your choice using Selley's water-based Kwik Grip to the underframe floor. The suggested wagon weight is 8-9 grams **when fully assembled** but use more if you run a heavier fleet
4. Wash the casting in warm soapy water and dry to remove any residual mould release used in the casting process **otherwise paint won't adhere**
5. Remove the wheels and couplers now in readiness for painting
6. Glue the casting centrally to the underframe using either Superglue or Water-based Kwik Grip
7. Using prototype photos add water drain pipes if modelling them

### **Painting:**

8. Using a Spirit Design Versatile Micro Brush or similar paint the faces of wheels Steam Era wagon red or equivalent
9. Mask the axle box holes and paint the sides and ends of the wagon Steam Era wagon red or equivalent
10. The roof should be painted Humbrol no 29 or equivalent
11. Decal as per prototype photos above and below



T316 at Murchinson East 20/02/1978. Photo courtesy of Geoff Winkler



Victorian Inland Meat Authority – VR Photo – Tancred Bros had 6 vans - authors collection



W. Angliss & Co no T 371

**More information and photos see:** Rob O'Regan's website <http://www.robx1.net/> or Mark Bau's <http://www.victorianrailways.net/> or Peter Vincent's <http://www.pjv101.net/index.htm>

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