

# MALKY'S S.A.R. MODELS

## 2500 Class "Superchook" Trailer



2501 at Korumburra in 1999 while owned by South Gippsland Railway (note slightly different colour scheme) Photo courtesy Comrails website

**The Prototype:** New steel suburban trailing cars were produced for the SAR from 1944 to 1946 by the Islington workshops, originally designed for eventual use with electric trains. A total of 24 cars were built, originally consisting of 19 800 class sitting cars and five 850 class equipped with luggage compartments. The cars were reclassified as 860 class when they were converted for use with the single ended 300 class Red Hens. . In 1983, two 300 class power cars and one 860 class trailer were rebuilt by STA at the Regency Park bus workshops to resemble the newer 2000 class railcars, with an elevated cab and stainless steel fluting on the sides. Cars converted were 300 -> 2301; 337 -> 2301 and 862 -> 2501. In reference to their origin as red hens, these cars became known as the Superchooks.

### For More Information:

Much of the information used in the development of the kit and presented here was gleaned from the notes of the **Modelling the Railways of South Australia Convention** pp 3-521 – 3-566, as well as the SAR line drawing.

The Comrails web site: [http://www.comrails.com/sar\\_carriages/b\\_860.html](http://www.comrails.com/sar_carriages/b_860.html) is a wonderful source of information on these (and other) cars and the photographs in these notes are courtesy of that site. The site also lists each car with important dates and other information.

**The Kit:** The kit can be purchased from the MNSSARM Shapeways shop <https://www.shapeways.com/shops/malky-s-n-scale-models> and consists of two parts printed in Shapeways Smoothest Detail plastic: a body shell and underframe, plus two bogies modelling the unique bogies fitted to these cars. These bogies are designed to fit MicroTrains type wheels, or others, such as the Fox Valley metal wheels with the same axle length (0.540"). They can also be mounted with standard MicroTrains bogie pins. The kit also requires Microtrains 1015 couplers.

1. Clean the parts thoroughly to remove any remaining wax from the printing process. This is essential to ensure good paint and glue adhesion. Cleaning can be by soaking in suitable solvent, such as isopropyl alcohol, assisted with a toothbrush. It may also be desirable to clean up the surface by rubbing with fine sandpaper to remove the striations produced in the printing process.
2. Check fit the floor into the body and file as necessary. It should be a light press fit into place. Do not glue at this time – it should be painted before final assembly.
4. Drill and tap holes for mounting the couplers, then drill out the two marked holes in the bogie bolsters to suit the mounting pins.
5. Paint the parts. Apply a primer, then the appropriate colour scheme. The floor and bogie sideframes should be painted matt black. The roof above the fluting should be painted a light/mid grey, then masked. The body sides and ends should

then be painted orange. Then the orange areas (ends, sides between the fluting and doors) should be masked and the fluted portions of the body shell should be painted a silver to represent stainless steel. See the photographs for guidance.

6. Fit the bogies and couplers. Add weight as required to your standards. Then locate the floor up into the body shell.

### Acknowledgements

Master 3D design by Malcolm Jenkins, Photos courtesy of Comrails webpage (Chris Drymalik) and Bingley Hall (Mark Carter). Great assistance with research by Geoffrey Biggs, the prime mover behind this project.



*Photo courtesy Comrails website*



*Photo courtesy Bingley Hall (Mark Carter)*



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