

# MALKY'S N-SCALE S.A.R. MODELS

## SAR Early Series 8300 Brakevan



*Photo courtesy Chris Drymalik Comrails webpage*

**The Prototype:** The SAR commenced building steel brakevans numbered from 8300 upward in 1947. The first order of 14 brakevans was built in 1947, being all steel with wooden doors. Two goods compartments are located either side of a central guard's compartment, fitted with seat, desk, toilet and observation viewing ports. To one side of the guard's compartment is a small passenger compartment. Later a revised all steel design was built from 1961 onwards with vans numbered 8315 – 8394. This model is of the earlier wooden doored version.

**Paint Schemes:** The cars were painted in the standard SAR freight red/brown livery, with some later repainted in the AN lemon twister scheme.

### **For More Information:**

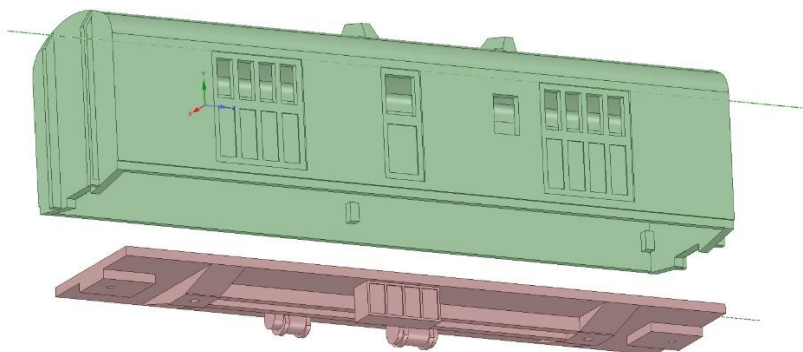
These vans are described in some detail in the notes of the Modelling the Railways of South Australia Convention with a complete listing of numbers on pp 2-83 – 2-112.

The Comrails website [https://www.comrails.com/sar\\_carriages/b\\_8300.html#8300](https://www.comrails.com/sar_carriages/b_8300.html#8300) also has further information.

Much of the information used in the development of the kit and presented here was gleaned from these resources, as well as the SAR line drawings.

**The Kit:** The kit consists of a body and underframe printed in Shapeways smoothest fine detail plastic, as well as two bogies. The model requires MicroTrains 1015 couplers and suitable wheels of MicroTrains axle length (0.540") to complete it.

1. Clean the plastic 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. Further cleaning and/or sanding may be needed to produce an acceptable finish on the plastic parts.
2. Check the fit of the floor into the bottom of the body. If necessary, sand or file the floor so that it is a snug fit in the base of the body.
3. Painting: first wash the model in warm soapy water, rinse and dry. Apply a primer, then paint the body with SAR freight car red/brown. Alternatively, the AN yellow and green could be used for vans that survived until that era. The underframe should be painted matt black.
4. Fit couplers. Drill where marked for the screws of the MicroTrains 1015 couplers.
5. Fit bogies – first fit suitable wheel sets. The bogies are designed to accept MicroTrains bogie pins. Drill the underframe where marked to suit the bogie pins (5/64" diameter).



**Paint Colours**

An appropriate shade of Red/Brown should be used. Underframe black.

**Acknowledgements:** Photographs courtesy Chris Drymalik ([https://www.comrails.com/sar\\_carriages/b\\_8300.html#8300](https://www.comrails.com/sar_carriages/b_8300.html#8300)) and Rob O'Regan ([www.robx1.net/index/index.htm](http://www.robx1.net/index/index.htm))



Photocourtesy Rob O'Regan robx1 site

