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

SAR W Wagon

The Prototype: A total of 95 bogie wooden open wagons were built for the SAR in 1914-15. Some of these survived into the ANR era and were recoded AOWA. Some even survived and were painted in the AN green and yellow colour scheme. Numbers remaining in 1957 were in the range 3143 – 4049.

For More Information:
The information used in the development of the kit was taken from the article on the W class wagons of the SAR by Phil Curnow in Australian Model Railway Magazine Nov/Dec 1980 pp35 - 37. You should refer to that article for photographs and the drawing. Details on the numbers remaining in 1957 are found in the data sheet of the Modelling the Railways of South Australia Convention at http://www.mrsac.com/rollingstock/ .

The Kit: The kit provides a one piece 3D printed body which can be purchased from Shapeways. To complete the model you will need suitable MicroTrains arch-bar bogies and 1015 couplers, and a suitable brake wheel or lever. You will also need wire or styrene round strip to build the truss rods. Decals are available from MNSSARM.

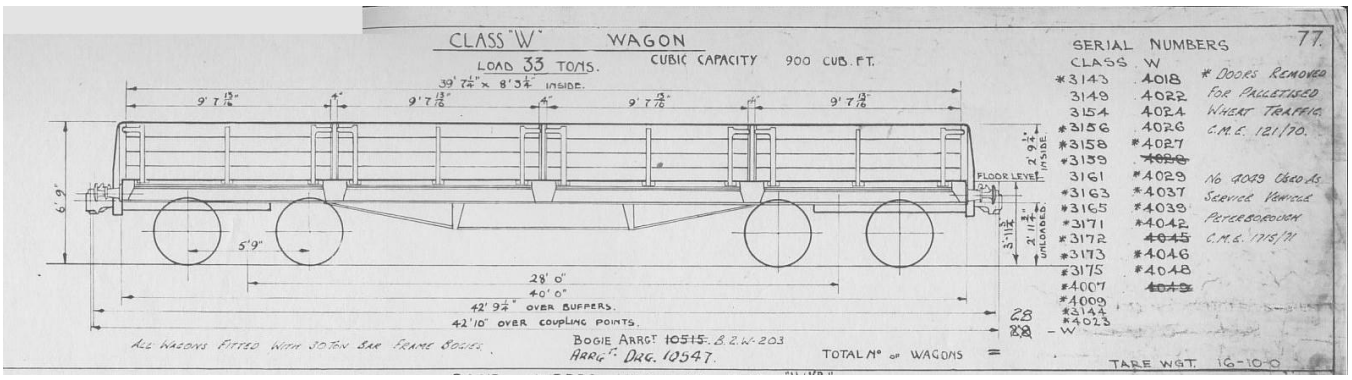
1. Clean the plastic body thoroughly to remove any remaining wax from the printing process. This is essential to ensure good paint and glue adhesion. Cleaning can be by soaking in suitable solvent, such as isopropyl alcohol, assisted with a toothbrush.

2. Drill for fitting the bogies and couplers. It is necessary to fit four pieces of wire or styrene round strip to make the truss rods. This should fit into the grooves provided in the queenposts on the underside and be terminated at either end at underfloor level – marks are provided to start drill holes if you wish to secure the rods in that way.

It is probably preferable to fit the bogies before attaching the other components, because of the need to press down to fit the bogie pins. Consideration must also be given to the painting sequence.

3. Paint the body. Apply a primer, then SAR grey (light or dark depending on your era).

4. Apply decals: the wagon numbers at the lower left hand of each side. Seal with Dullcote or similar. See pictures in the AMRM article.



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