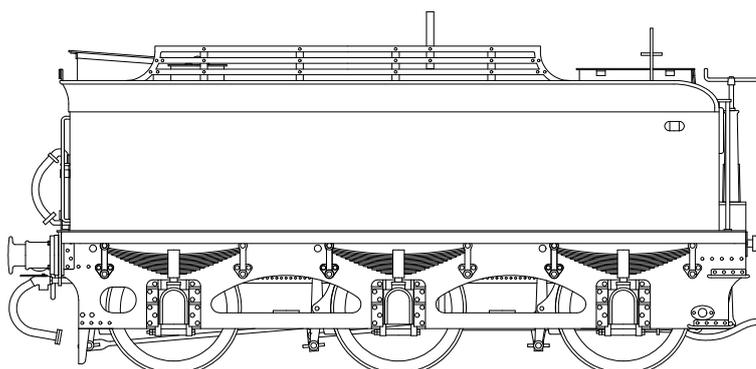


ADAMS 3300 GALLON TENDER



CAUTION.

This product contains etched parts with very sharp edges and castings that may contain lead. Neither the Manufacturer, Distributor or Retailer can accept any liability for illness, injury or consequential damage caused when handling or building this product.

Read any instructions before assembly. Do not eat or drink whilst handling.
Wash hands after use.

BRIEF HISTORICAL DETAILS

The subjects of this kit are the 113 Adams 3300 gallon tenders.

SOURCES OF INFORMATION AND PHOTOGRAPHS

The Locomotives of the LSWR, Part II - D.L. Bradley - RCTS.

LSWR Locomotives - The Drummond Classes - D.L. Bradley - Wild Swan.

Other valuable sources of information and photographs are:

A Pictorial Record of Southern Locomotives - J.H.Russell - OPC

Locomotives Illustrated No. 111 - The British 0-4-2 - RAS Publishing

Locomotives Illustrated No. 124 - Adams LSWR 4-4-0s - RAS Publishing

Southern Steam Locomotive Survey - The Adams Classes - Bradford Barton

The LSWR at Nine Elms: Vol. 1. - Barry Curl - KRB Publications

VARIATIONS/MODIFICATIONS INCORPORATED INTO THE KIT

Footplate height. The footplate height varied according to the height of the locomotive footplate.

Front handrail stanchions. Similarly the front handrail stanchions matched the height of the locomotive cab stanchions.

Rivets. Over the years some of the flush rivets originally used on the frames were replaced with snap headed rivets.

Rear steps. The steps at the rear were removed from circa 1905 onwards.

Lamp brackets. The tenders were built with Adams socket style brackets. Drummond added extra socket brackets to his design. The SR standardised on a design with the socket in the lamp. Many tenders had the Adams and Drummond brackets adapted to accept the standard lamps but some of the later survivors were fitted with new brackets of standard design.

Toolboxes. When built some tenders carried a large wooden toolbox. These appear to have been removed by circa 1900.

Steam heating pipes. These were added from about 1902.

Safety chains. When built the engines were fitted with safety chains. These were gradually removed during Drummond's time.

Couplings. Most of the tenders appear in their early years to be running with a single long coupling link, although some carry two further links. Later the tenders were equipped with screw couplings together with a hook to carry the coupling when it was not required.

Coal Rails. Three coal rails were fitted from circa 1900.

Fire iron brackets. These were added from circa 1900.

CHASSIS OVERVIEW

Note that many of the components for both chassis and body are handed left/right and care must be taken to ensure the correct component is used. Components are not always identified left/right separately but with care and common sense no problems should arise.

Before construction can commence you have to decide which particular chassis you are going to construct. The options are:

Gauge.

For Finescale, where little sideplay is required, the widest spacers can be used but they will need careful filing to make their width 26.0mm. If you require your engine to negotiate sharp curves then the middle width spacers should be used. The widest frame spacers supplied are suitable for Scaleseven and care will be needed to allow sufficient sideplay, especially in the leading axle to enable the model to negotiate moderate curves.

Suspension.

Rigid. The kit is supplied with top hat bearings to build a rigid chassis. Open out the main axle holes to accept top hat bushes and solder them in place.

Sprung. If you are going to fit sprung horn blocks, you should open out the frame slots by cutting up the half etched lines and follow the manufacturers instructions.

Compensated. The simplest and most reliable suspension system is beam compensation and the necessary compensation beams are provided in the kit. Not provided are the hornblocks and bearings which are available as an extra item which includes instructions for aligning the hornblocks accurately.

Wheels. 3'9" Diameter, 10 spokes, 5/32" axle (Slaters 7845SWMF).