

Great British Model Railways

Welcome

Thank you for purchasing this **EFE Rail** Class 41 D600 'Warship' Class A1A-A1A locomotive. A lot of care was taken producing your model and we hope you enjoy it for many years to come.

History

The Class 41 D600 'Warship' Class A1A-A1A diesel-hydraulic locomotives were built by the North British Locomotive Company in Glasgow and introduced between late 1957 and 1958. All were named after Royal Navy vessels, and the nameplates each bore a subtitle "Warship Class".

D600/D601 were initially allocated to Swindon. By June 1958, both were based at Plymouth Laira and D602-D604 were then allocated there from new. On 16 June 1958, D601 hauled the Cornish Riviera Express non-stop from Paddington to Plymouth, the first diesel locomotive to do so. The D600s continued hauling the fast Bristol/West of England trains until the D800 Warships entered service. Later they were largely restricted to the line west of Plymouth.

Initially the locomotives were fitted with headcode discs, they were later modified with a pair of two-character head code boxes either side of the nose replacing the disc. The bodyside grills were also modified during their lifetime. All five locomotives were withdrawn on 30 December 1967.

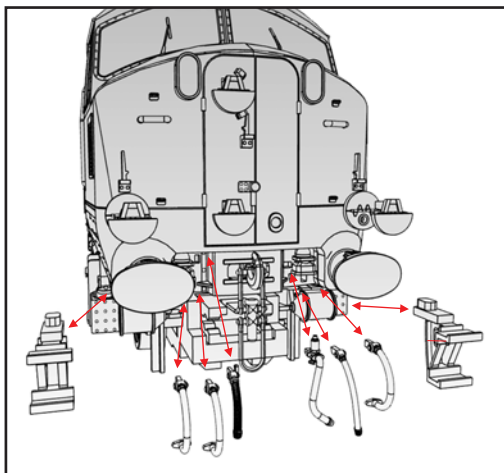
Model Specification

Motor: Coreless

Decoder: Next 18

Accessories

Although our models are highly detailed and ready to run straight from the box, we also supply optional accessories to be fitted by the owner, if they wish. This model includes couplings, vacuum pipes, open and closed route indicator discs (where appropriate) and nose end steps. Please refer to the image to the right for guidance on the correct position to fit these, if desired. Some of these details may interfere with the coupling if fitted. If you wish to fit the headcode discs, we suggest they are temporarily fixed with tacky wax or similar.



Running In

It is necessary that this Class 41 D600 'Warship' Class A1A-A1A locomotive is 'run-in' to allow the mechanism and gears to settle. This requires the model to be run without a load (wagons/coaches etc.) for 30 minutes at half speed.

Cleaning and Maintenance

Please take care when removing your model from its packaging, as EFE models incorporate many small parts.

Run your model on track laid on a firm surface - not on carpet - to avoid dust and fibres entering the working parts of your model.

Care must be taken to clean and maintain your model for optimum performance. When required, wipe the rails and exposed portions of your locomotive's wheels with a soft, lint-free cloth or cotton swab to ensure good electrical contact. Do not use steel wool to clean your track. Take care to avoid scenic material from the layout entering the mechanism.

Lubrication

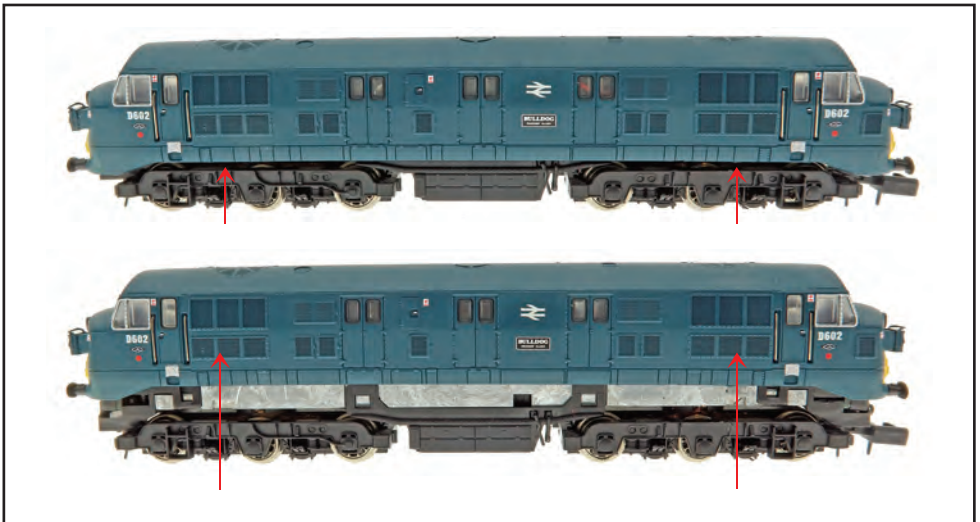
All EFE Rail models are supplied ready lubricated and can be used straight from the box. Over time your Class 41 D600 'Warship' Class A1A-A1A locomotive will require some additional lubrication, which will depend on the frequency of use and storage, so please inspect your model on a regular basis. If required unclip the bogie side frames and lightly lubricate the gears.

Storage

It is important to retain your packaging and associated information for future reference and storage.

Body Removal

The body is held to the chassis by four small clips located two per side inboard of the cab doors, as shown below. Gently prise the body to release the clips and lift from the chassis.



DCC Decoder and Sound Decoder Fitting

Digital Command Control (DCC) allows for greater functionality and control over the models on your layout, such as the simultaneous control of speed and direction of multiple locomotives, and enables the use of DCC controlled track, points, and other DCC Decoder controlled accessories. DCC also allows for the addition of DCC Sound, which brings a whole new level of realism to your model railway.

The model is DCC Ready. It is fitted with the Next18 decoder socket and blanking plug for standard analogue operation. You will need to remove the body and blanking plug to fit the decoder. Body removal instructions are given below.

There is space provided for a 'sugar cube' (8 Ohm) style speaker located within the chassis mounted fuel tanks that simply unclips for access. There are wires provided to the location for the user to connect to a speaker, when required.

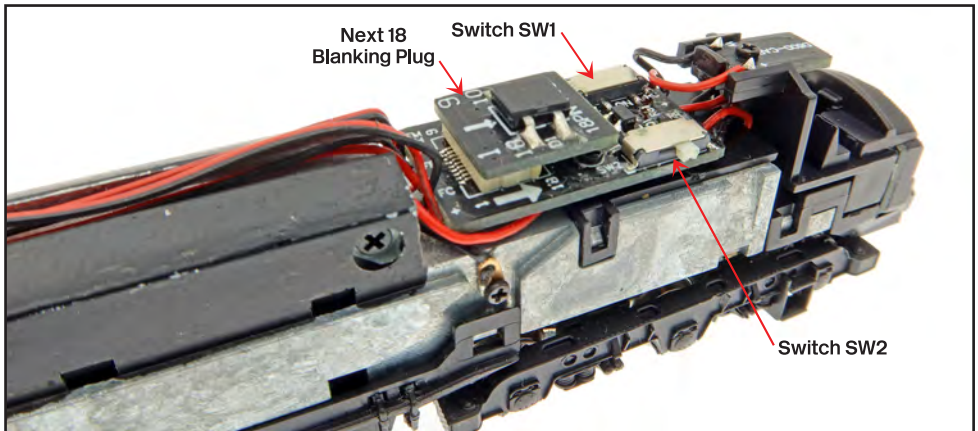
Lighting

DC Operation

The headcode discs lights or headcode boxes, depending on model version, and rear red lights are directional and all light up in the direction of travel.

Two switches are provided on the circuit board, accessed by removing the body.

SW1 - Cab lights ON/OFF SW2 - Tail lights ON/OFF



DCC Operation

When a Next18 decoder is fitted, directional head and tail lights are controlled using function F0. Tail lights are switched ON/OFF via Aux1/F1.

Cab lights are independently switchable ON/OFF via Aux3/F3 and Aux4/F4 (PCB end).

Spare Parts

Selected spare parts are available from the Bachmann Europe Service Department. For further information & enquiries, please contact the Service Department directly by email service@bachmann-europe.co.uk or by phone 01455 245575.

Warranty

This product has a Warranty for 12 months from the date of purchase against faulty materials or workmanship subject to the following conditions. During this period such defects that occur will be repaired or defective parts replaced free of charge.

1. This Warranty applies only if the item was purchased from an authorised retailer of Bachmann Europe plc ('Bachmann') within the United Kingdom, European Union & European Economic Area. This Warranty does not confer any rights other than those expressly set out above and does not cover any claims for consequential loss or damage. The Warranty is offered as an additional benefit and does not affect your statutory rights as a consumer.

2. For claims under this Warranty, in the first instance the product must be returned to the retailer with evidence of the purchase date in the form of retailer receipt/invoice accompanied by a letter setting out the date and place of purchase, giving a brief explanation of the problem that has led to the claim. It is essential that the claim reach the retailer on or before the last day of this Warranty period. Late claims will not be considered.

3. This Warranty is only available to the original retail purchaser of this product and is non-transferable.

4. The Warranty does not extend to cover damage resulting from misuse or careless handling, accidental damage, wear and tear, or use on a voltage supply other than that stamped on the product.

5. The Warranty may be considered void if repairs have been attempted other than by Bachmann staff.

6. The Warranty is on the original product in its entirety and does not extend to individual components removed from the product. In respect of train sets the warranty applies to motorised units and controllers only.

7. If Bachmann chooses to replace a product it will be with the nearest appropriate model of its choice.

8. Bachmann reserves the right to decline service to any model that has been fitted with a decoder after manufacture.

9. Bachmann will not be held responsible for damage to or loss of an after market decoder fitted to a model submitted for service under the Warranty.

10. The fitting of a Bachmann decoder with a current Warranty shall not be deemed to change the position regarding a product that is otherwise outside its own Warranty. It may be necessary to change decoder settings during service.

11. Bachmann's liability under this Warranty will in no case exceed the price paid for the product as originally manufactured.

