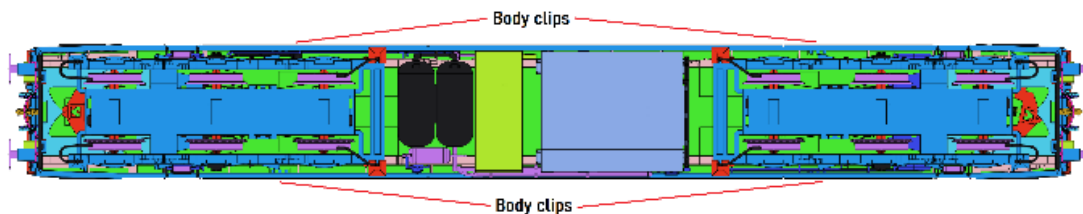


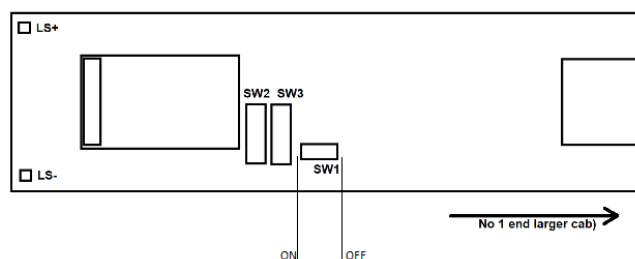
Thank you for purchasing a Dapol Class 59 model. The following instructions are provided to ensure you have many years of enjoyment and trouble-free operation.

Quick Start

- Please check that you have an accessory pack in the box containing:
 - 4 yellow air reservoir pipes
 - 4 red air brake pipes
 - Applicable etched name and number plates
 - Extra Coupling & decorative screw link coupling
 - Full and cut away air dams
 - The DCC ready version is shipped ready to run using DC or (optional) 6 function DCC decoder. Directional head/ tail lamps and leading cab light are 'ON'. Other modes are set by switches (Table 1).
 - Factory fitted DCC option
 - Comprehensive operation and selection of lighting functions in DC mode is described below.
 - DCC decoder fitting instructions and description of DCC lighting setup is described below.
1. **Running in:** No special running in or initial lubrication is required. We suggest before first operating your model, it is run in both directions at a low speed whilst checking correct operation. These operations can be performed with DC or DCC (after a decoder is installed).
 2. **Maintenance:** our model locomotives have been designed with care to offer many years of service with minimal maintenance and do not require regular lubrication. If desired use 1 drop of synthetic oil on each bogie gearset after 100 hours of operation. Check for and remove fluff and debris from the mechanism regularly.
 3. **Fitting accessories:** 'Shortened' detail parts have been factory fitted to one end of your locomotive. If you do not intend to use couplings, full-length pipes are supplied in the accessory pack. The long pipes cannot be used with model couplings. The NEM coupling can be pulled from its pocket or an alternative NEM type fitted.
 4. **Removing the body:** The body is held to the chassis by 4 clips positioned as shown above. **Do not loosen or remove any screws!** Two methods of body release can be used: Either gently ease the body outwards whilst pulling down on the chassis. Alternatively, slide four strips of thin plastic between body and chassis over each clip.



5. **Replacement of the body:** The body simply clips back in place, but ensure the correct orientation of the body before final fitting.
6. **Internal switch function:** 3 switches are located on the internal control board:



7. The lighting operation has been designed to offer a varied choice of lighting options.

SW1 allows you to physically turn the smoke generator (if fitted) on or off, it does not have any impact on lighting configurations. Note that the fan for the smoke will still operate. All models are delivered from the factory with **SW1** in the **ON** position.

SW2 & SW3 provide control of the lighting in DCC Ready models, please refer to table 1 below to see some of the various options available in analogue. All models are delivered from the factory with SW2 & SW3 in position **P3**.

Table 1:

SW2	#2 cab light	#1 end light configuration
P3	Lit when leading	Directional white/red lighting
P2	Extinguished	All lighting is turned off
P1	Lit when trailing	Directional white/red lighting
SW3	#1 cab light	#2 end light configuration
P3	Lit when leading	Directional white/red lighting
P2	Extinguished	All lighting is turned off
P1	Lit when trailing	Directional white/red lighting

DCC Fitted Models

8. **Fitting a DCC decoder:** To use all features, a six function decoder is required (E.G. Dapol Imperium). The DCC lighting control uses on-board logic, this allows the use of a standard decoder to control more than 6 functions.
9. DCC-fitted models are fitted with an Imperium decoder that will come pre-programmed with all the necessary CV values to provide the lighting control as detailed in **Table 2**. If you have performed a decoder reset (**CV8=4**) or you are installing your own Imperium decoder you will need to program in the following CV Values:

CV33=1, CV34=4, CV35=119, CV36=64, CV39=16,

CV40=32, CV49=32, CV50=32, CV51=0, CV53=32, CV54=32.

DCC Address – The model is set to **address 3** as standard

10. The lighting function control is described in the table below

Table 2:

Function Key	Function Description
F0	Directional white/red lights at #1 (exhaust) end
F1	Directional white/red lights at #2 end
F2	No Function assigned
F3	Directional cab lights
F4	Directional two white markers (no headlight) at leading end (if you want red tail lights at the other end, leave F0 and/or F1 on)
F5	Day (off)/night (on) headlight configuration (F0 and/or F1 must be engaged)

11. **Smoke operation** applicable if your model includes the optional factory fitted smoke unit. The smoke unit is fan assisted and will produce smoke when **4 to 5 drops** of smoke oil are introduced into the smoke unit via the exhaust port. Dapol produce two oil types: Traditional smoke oil and low odour types. **The smoke unit is switched on/off using SW1**. Smoke output will automatically stop after 10-15 seconds after each starting from stationary. When the smoke begins to be thinner, add another couple of drops of smoke oil
12. **Spare Parts** A range of spares are available. Please note that although a full set of parts are initially stocked, over the lifetime of the model certain items may become unavailable due to demand. Please contact the Dapol sales team either on **Telephone: 019691 774455** or via e-mail at sales@dapol.co.uk

Warranty:

We want you to be completely satisfied with your purchase and obtain many years of pleasure from its operation. If you experience any problems with your model, we suggest that your first point of contact is your retailer; they will be able to advise on any teething problems and will use their experience to quickly solve many of your questions or concerns.

Your dealer is also the fastest way to exchange a model which is found to be missing components, accessories, or is otherwise defective after purchase.

But, we recognise that you may require more: If a replacement model is not available you may find a refund disappointing, or you may simply prefer to deal directly with Dapol. For these reasons, we offer a 12-month manufacturer's repair warranty on this product *in addition to your statutory rights*.

Our Manufactures warranty in simple terms: If your model experiences a mechanical or electrical fault within one year of purchase, you have the option of a free repair at our service agents which is (within the UK) also post free.

2nd year service. An option exists to have your locomotive serviced by our authorised agent (a service fee is payable). Simply contact our agent and you will be advised of the current cost and given a freepost address. The model will be serviced and returned with a validated warranty certificate for a second year of no-quibble warranty for your model.

Please note: Year 2 warranties cannot be issued more than 13 months after the original date of purchase.

VERY IMPORTANT: Please ensure that your dealer has supplied a proper printed receipt with your purchase. Without this, our service agents are unable to offer warranty service. Repairs will be charged at the prevailing rate. Your statutory rights with the place of purchase are unaffected.

How to claim:

- Locate the proof of purchase (copies acceptable)
- Year 2 claims: Return with validated 2nd year certificate (or service fee if within 13 months of purchase).
- Contact our service agent for a Job ID.
- Write the Job ID number on the outside of the package, and enclose your name, contact information, proof of purchase and if applicable your year 2 certificate.
- When posting, ensure that you obtain proof of posting and the model is adequately packed. If you require proof of delivery or insurance, you will need to purchase the additional service (at your cost) from your post office.

What happens next? If you have supplied an email address, receipt will be acknowledged, you will be advised when work commences and is completed. They will contact you in case of unforeseen difficulties during repair. Using your email address, you can use the online enquiry system to check the status of your model at any time via the internet.

If you have not supplied an email address, your model will be repaired and returned, you will only be contacted in case of a problem. You may of course contact our agent (quoting the job ID) at any time.

What happens when the warranty expires? Our service agent offers a comprehensive repair service at reasonable cost. Alternatively, a comprehensive range of spare parts is available for purchase.

The small print! (Terms and conditions) We intend this 'No Quibble' warranty to be a simple and fair addition to your statutory rights, however, some situations simply cannot be covered as they are outside of our control. We've listed these below.

We're reasonable folks, so if in doubt, please contact either our customer service or service agents for advice on your situation and we'll suggest the best course of action.

Terms and conditions:



Dapol OO Gauge Class 59

Owners Guide

1. Only Dapol model locomotives with the manufacturers 'W' mark are covered under this scheme.
2. This manufacturer's warranty is in addition to your existing statutory rights and offers a *repair service* for your model. Requests for outright refund or replacement should be directed to the place of purchase.
3. In the event the model cannot be repaired, at Dapol's sole option, you may be offered: a new replacement model (subject to availability), a refund voucher (for exchange at the place of purchase) or the return of the locomotive in an unrepaired condition.
4. On issuance of a replacement model or refund voucher the original model and all associated accessories shall become the property of Dapol Ltd.
5. The replacement or repair of a model shall not extend the original warranty period under any circumstance.
6. This warranty covers the model's electronics, chassis and mechanisms for manufacturing defect or premature failure. The following situations shall invalidate this warranty:
 - a. Accidental damage
 - b. Missing accessories (i.e. accessory packs) – Please return to your dealer.
 - c. Over or under oiling, incorrect oil type (use a thin synthetic oil i.e. Dapoil, LocoLube™ or similar)
 - d. Fair wear and tear (unless deemed to be premature by Dapol or our service agent)
 - e. Routine maintenance and faults due to foreign bodies i.e. Drive tyres, Dirty wheels, Pickups etc.
 - f. Mishandling: Inclusive of broken wires, dislocated driveshaft's, damaged valve gear.
 - g. Mechanical or electrical modification; inclusive of fitting of DCC to a non DCC ready model. (Reasonable modifications inclusive of: Weathering, super detailing etc. are permitted, however any adverse effects of such modification shall invalidate the warranty.)
 - h. Unauthorised attempts to repair or modify the model.
7. This warranty is not transferable and is valid only for purchases made from authorised Dapol dealers when accompanied by a proof of purchase.
8. This warranty does not cover: Used models, models purchased from private individuals or auction sites (unless a 'Buy It Now' purchase of a new model from an authorised dealer supplied with supporting proof of purchase).
9. Dapol and its agents shall be the sole arbiters as to the warranty status of the model and their decision is final.
10. Whilst every effort will be made to protect such, Dapol and its agents shall not be liable for damage or alteration to any 'super detailing' or other aftermarket cosmetic, mechanical or electrical enhancements.
11. Dapol and its agents shall not be held liable for damage caused to inadequately packaged models.
12. Dapol and its agents shall not be held liable for models lost in the post unless a proof of posting can be supplied.
13. All repairs will be repaired on a first in-first out basis, within a reasonable period after receipt by our agent. Unless agreed in writing by Dapol or its agent prior to receipt of the model time shall not be of the essence in any contract.
14. All repairs and/or replacements are subject to availability.

Dapol Ltd.

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