Rumney Models Price List – September 2026

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This list replaces all previous lists.
Items are 4mm scale and are suitable for OO/EM & P4 except where noted.

New Items

4mm Scale

Various	Presflo Underframes and Detailing for Dapol and Bachmann Bodies	(Wagon Underframes - page 6)
Various	SR 700 Class Chassis and Detailing	(Steam Loco Parts - page 24)
PX.50A	GWR 8’3” x 1’4” Gas Tanks and Fittings	(Miscellaneous - page 25)
PX.50B	GWR 7’0” x 1’6” Gas Tanks and Fittings	
Various	More 3D printed GWR Springs and Axleboxes Milk Van (O13), Tube (O.41) & Calf Van (N16)	(Wagon Prints - page 19)
PB.119	16T Mineral Pressed Steel Side Doors	(Wagon Detailing - page 8)

S Scale

SC.31	16T Welded Mineral Body Kit with top side doors	(S Scale - page 30)
SC.31A	16T Welded Mineral Body Kit no top side doors	

Notes

All items are 4mm scale except where noted.

Some etched items are produced as additions on sheets for other products. These are available while I have stocks of them. Once stocks have been exhausted, they will only be available when I have ordered more of the main item on a sheet. These are marked **WSL** (while stocks last) next to the price. Please enquire before ordering. Other items are marked **OOS** (out of stock). These are items that need to be retooled and they may remain out of stock until opportunity allows.

3D Printed Parts

This catalogue contains kits where parts have been produced on my own SLA printer. I have prefixed such items with a P in the catalogue to differentiate them from cast or etched items.

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4mm Scale

Sprung Milk Tank Chassis and Detailing Parts

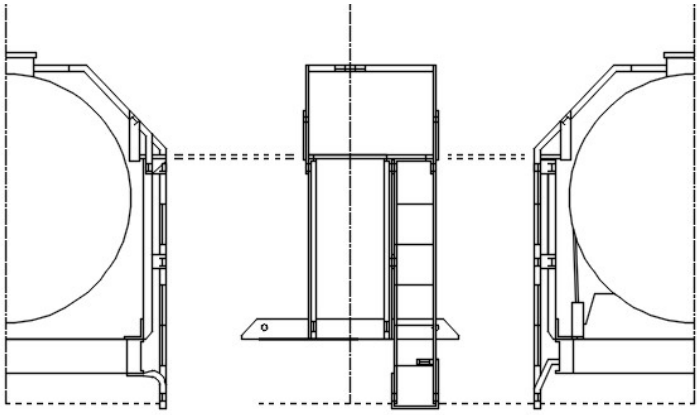
Designed for use with the David Geen milk tank kits. Etch and spring wire (where appropriate) only.

Milk Tanks Chassis

Code	Description	Price per unit
A.01	GWR Standard Milk Tank Chassis *20'6" long for the majority of GWR milk tanks.*	£12
A.03	LMS Early Milk Tank Chassis *For LMS milk tanks built before around 1942.*	£12
A.04	LMS Late Milk Tank Chassis *For LMS milk tanks built after around 1942.*	£12

Detailing Parts

A.07	United Dairies SR/GWR Platforms *The distinctive platforms fitted to some United Dairies milk tanks.*	£7.50
A.08	SR/GWR Platform Construction Jig *Needed to build A.07.*	£5.50
A.09	GWR Detailing *GWR lever brakegear, brake shoes/yolks and ladders.*	£9
A.10	GWR Alternative Ladders and Walkways *Partial platforms, long ladders and planked type walkways.*	£9
A.11	LMS Detailing *Brake shoes/yolks, planked walkways and alternative ladders.*	£9
A.12	Milk Tank Formers *For constructing different diameter tanks from brass sheet.*	£7.50



Milk Tank Plates

Code	Description	Price per unit
A.21A	United Dairies Ltd Milk Tank Plates - Type A *Company plates for United Dairies milk tanks.*	£2.50
A.21B	United Dairies Ltd Milk Tank Plates - Type B *Company plates for United Dairies milk tanks.*	£2.50
A.22	Unigate Creameries Milk Tank Plates *Company/number plates for Unigate milk tanks.*	£2.50
A.23	Express Dairy Milk Tank Plates *Company/number plates for Express Dairy milk tanks.*	£2.50

- United Dairies Type A

- United Dairies Type B

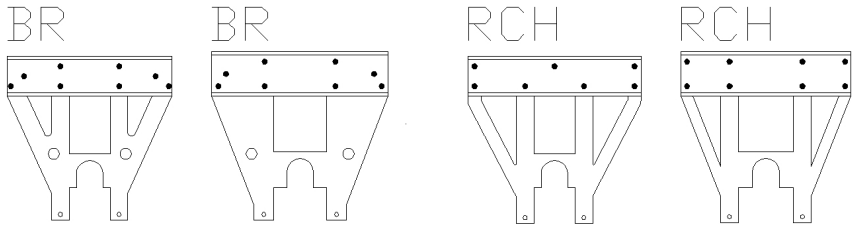
- Unigate Creameries

- Express Dairy

The United Dairies plates were common in the 1950s but could also be seen through to the 1970s. Type A was much more common that type B. Unigate plates would be found on wagons post 1959. The Unigate plates have the wagon number on the plate. I have done plates for most Unigate diagrams. Please enquire first if you are after plates for specific diagrams. If you aren't worried about diagrams then please say so when ordering. Express Dairy plates include both the company plate and the distinctive round number plate that was attached to the baulks at the tank ends. The numbers were Express Dairy's own fleet numbers and were generally grouped according to who built the milk tank. If you want something specific then please inquire or else you will get a random number. Etched on 0.1mm stainless steel and supplied in pairs and painted.

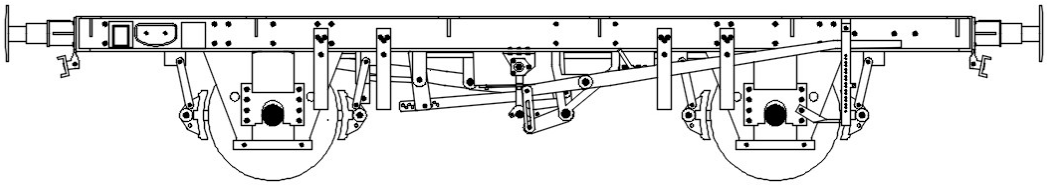
Sprung Wagon Chassis

These are comprehensive and include solebars and headstocks. They are designed for use with Parkside Dundas, Red Panda and, in the case of B.06, Chivers Finelines plastic body kits. Etch and spring wire only unless stated otherwise. The following notation for axleguard types is used:



BR Clasp Brake

Code	Description	Price per unit
B.01	BR 17'6" x 10' BR Clasp Brake Chassis *For BR standard vans, Conflats, Shocvans, Shocopens, Lowfits, etc.*	£13
B.02	BR 16'6" x 10' BR Clasp Brake Chassis – 26T Iron Ore Tippler *For diagram 1/165 iron ore tipplers.*	£13
B.04	BR 16'6" x 9' BR Clasp Brake Chassis – 16T Welded Mineral *For clasp braked diagram 1/108, 1/114 and 1/117 minerals.*	£13
B.05	Additional Parts for Riveted 16T Clasp Braked Minerals *For use with B.04 to produce a chassis for the rare clasp braked 1/109s.*	£4.50 **WSL**
B.06	BR 21'6" x 12' BR Clasp Brake Chassis – 21T Mineral *For diagram 1/119 'MDVs' (twin vacuum cylinders/changeover levers)*	£15.50
B.08	BR 27' x 15' BR Clasp Brake Chassis – 22T Plate (new builds) *For diagram 1/434 Plate wagons built new with the BR clasp brake.*	£19
B.09	BR 27' x 15' BR Clasp Brake Chassis – 22T Plate (retrofits) *For diagram 1/430 and 1/431 Plate wagons retrofitted with the BR clasp brake in the late 50s/early 60s.*	£19



Morton/Lifting Link Pushrod Brakegear

B.11	BR 17'6" x 10' Morton Brake Chassis *For BR standard vans, Conflats, Shocvans, Shocopens, opens, etc.*	£13
B.12	RCH 17'6" x 10' Morton Brake Chassis *For vans, Conflats, Shocvans, Shocopens, opens, etc.*	£13
B.13	BR 16'6" x 9' Morton Brake Chassis – 16T Welded Mineral *For the standard welded body, Morton braked 16T mineral wagons.*	£10
B.14	Additional Vacuum Braked 16T Mineral Parts *Use with B.13 to produce the mid-sixties Morton 4 shoe vacuum braked 16T welded minerals – sufficient for 2 wagons.*	£4.50
B.15	BR 16'6" x 9' Morton Brake Chassis – 16T Riveted Mineral *For diagram 1/109 riveted 16T minerals.*	£10
B.16	BR 16'6" x 9' Independent Brake Chassis – 16T Welded Mineral *For early 16T welded minerals, covers the following diagrams: 1/102 (with BR W-Irons), 1/104, 1/106, 1/108 and 1/111.*	£13

Code	Description	Price per unit
B.17	BR 16'6" x 9' Independent Brake Chassis – 16T Riveted Mineral *For diagram 1/103 (with BR W-Irons) and 1/105 16T minerals.*	£12
B.18	Additional RCH W-Iron Parts for Independent Brake Minerals *Use with B.16 or B.17 to produce the earlier RCH W-Iron fitted LMS and LNER minerals. Intended for use with modified Parkside bodies.*	£4.50
B.19	RCH 16'6" x 9' Independent Brake Chassis - Slope Sided Mineral *For use with Parkside kit PC27. Includes monkey tails and 3D printed replacement door hinges. Does not include Headstocks.*	£13.50
B.20	RCH 16'6" x 9' Independent Brake Chassis - French Type Mineral *For use with Parkside kit PC22. Includes replacement door levers. Does not include Headstocks.*	£13.50
B.21	BR 21'6" x 12' Lifting Link Brake Chassis – Welded Minerals *For diagram 1/107 21T & diagram 1/115 & 1/118 24½T minerals.*	£14.50
B.22	BR 21'6" x 12' Lifting Link Brake Chassis – 21T Riveted Minerals *For diagram 1/110 minerals.*	£14.50
B.23	RCH 21'6" x 12' Lifting Link Brake Chassis *For pre-Nationalisation 20/21T minerals.*	£14.50
B.24	BR 16'6" x 10' Independent Brake Chassis – 27T Iron Ore *For diagram 1/184 iron ore tipplers.*	£12
B.25	BR 16'6" x 9' Independent Brake Chassis – 27T Iron Ore *For diagram 1/181, 1/182 & 1/183 iron ore tipplers.*	£12
B.26	BR 16'6" x 9' Morton Brake Chassis – 13T Sand Tippler *For diagram 1/071 & 1/072 sand tipplers.*	£12
B.27	27' x 15' Lifting Link Brake Chassis – 22T Plate *For LMS, LNER and BR unfitted Plate wagons. Note that the kit contains both RCH and BR type axleguards.*	£19
B.28	BR 21'6" x 12' Lifting Link Brake Chassis – 21T Hopper *For diagram 1/146 21T coal hoppers. Includes parts for both fitted and unfitted wagons.*	£17.50
B.29	RCH 21'6" x 12' Morton Brake Chassis – 21T Hopper *For mainly private owner 21T coal hoppers.*	£15.50
B.30	BR 16' x 9' Morton Brake Chassis - 13T China Clay Open *For BR diagram 1/051 china clay opens. Designed for the Ratio kit but can be used with the Bachmann model.*	£13.50
B.32	RCH 17'6" x 9' Morton Brake Chassis *For LMS & GWR vans, Conflats, opens, etc.*	£15.50
B.34	BR 21'6" x 12' Lifting Link Brake Chassis – BR Grampus *For unfitted Grampus. Underframe and body detailing. Includes the distinctive baskets used to hold the removable ends.*	£19
B.35	RCH 21'6" x 12' Lifting Link Brake Chassis - GWR & SR Tunny *For use with the Chivers GWR and SR Tunny kits.*	£17.5

Bachmann Grain Hoppers

3 kits to upgrade the Bachmann BR welded grain hopper model. Etched subframe and detailing. 3D printed solebars, brake shoes, hollow buffer housings, springs and axleboxes. If you have a preference for axlebox type, please state when ordering.

B.36A	Early Unfitted Bachmann Grain Hopper Chassis *For unfitted wagons with early type hopper release mechanism (vees each side - lot 2183 wagons only).*	£22
B.36B	Late Unfitted Bachmann Grain Hopper Chassis *For unfitted wagons with later type hopper release mechanism (pedestal on one side).*	£22
B.36C	Through Piped Bachmann Grain Hopper Chassis *For lot 3233 & 3234 wagons.*	£22

LMS/Derby/LNER Clasp Brake

Code	Description	Price per unit
B.51	BR 17'6" x 10' LMS Clasp Brake Chassis *For Vans, Opens, Shocopens, Conflats, etc*	£14.50
B.52	RCH 17'6" x 10' LMS Clasp Brake Chassis *For Vans, Opens, Conflats, etc*	£14.50
B.53	BR 17'6" x 10' Derby Clasp Brake Chassis *For lot 3082 and 3232 Shocopens and the Vanwides*	£14.50
B.54	BR 32' x 18'6" BR Clasp Brake Tube Chassis *For clasp brake diagram 1/448 Tubes*	£19
B.61	BR 17'6" x 10' LNER Clasp Brake Chassis *For Vans, Shocvans, Opens, Lowfits, etc*	£14.50

Tank Wagon Underframes

B.71	BR 17'6" x 10' Independent Brake Chassis - 14T Anchor Tanks *For the Bachmann anchor mount tank wagon. Includes ladders and valve wheel for detailing the body.*	£19
B.72	Additional Parts for Anchor Mount Chassis - RCH Axleguards *Replacement parts for early 13/14T wagons - For use with B.71.*	£3.50 **WSL**
B.73	Additional Parts for Anchor Mount Chassis - BR Plate Axleguards *Replacement parts for late 15T wagons - For use with B.71.*	£3.50 **WSL**
B.74	Additional Parts for Anchor Mount Chassis - RCH HD Axleguards *Replacement parts for early 20T wagons - For use with B.71.*	£3.50 **WSL**
B.75	RCH 17'6" x 10' Independent Brake Chassis (1927 underframe) *For saddle and cradle mounted tank wagons built after 1927. Can be used with the Bachmann cradle mounted tank wagon.*	£19
B.76	RCH 17'6" x 10' Independent brake Chassis (1927 underframe) *For saddle and cradle mounted tank wagons built shortly after 1927 (9' wheelbase wagons were generally only built for a few years after 1927). Can be used with the Bachmann cradle mounted tank wagon.*	£19

Presflo Underframes

Underframes and detailing for the Airfix/Dapol kit or the Bachmann body. BR builds to diagram 1/272 are covered with kits for the early brakegear arrangement of a single vacuum cylinder and long brake levers or the later with twin vacuum cylinders and short levers. Also covered are the PO builds for Tunnel Cement and APCM. Complex kits that require experience but build. Underframes are mostly etched with walkways, ladders and valve handwheels but also include 3D printed brakegear, buffer housings, springs/axleboxes and discharge pipes. The Airfix/Dapol body upgrade packs include new 3D printed end and side stanchions, manholes and hopper bottoms.

BR Presflos

PB.81A	BR Presflo Underframe - Early Brakegear *Early wagons to lots 2769, 2863 & 3029. Single vacuum cylinder and long brake lever handles.*	£32
PB.81B	BR Presflo Underframe - Late Brakegear *Twin vacuum cylinders and short brake lever handles.*	£33
PB.81C	BR Ferry Presflo - Additional Parts *For use with PB.81B.*	£2
PB.81A-Dap	Airfix/Dapol body upgrade pack - BR Early brakegear *For use with PB.81A. 3D printed end and side stanchions, manholes and hopper bottom.*	£4.50
PB.81B-Dap	Airfix/Dapol body upgrade pack - BR Late brakegear *For use with PB.81B. 3D printed end and side stanchions, manholes and hopper bottom.*	£4.50

PO Presflos

Code	Description	Price per unit
PB.82	PO Presflo Underframe *Twin vacuum cylinders and short brake lever handles.*	£33
PB.82-Dap	Airfix/Dapol body upgrade pack - PO Late brakegear *For use with PB.82. 3D printed end and side stanchions, manholes and hopper bottom.*	£4.50
PB.82-HSB	PO Presflo - Hopper Side Boards For use with the Airfix/Dapol body. New etched rectangular side 'traders' boards.	£4

Wagon Detailing Parts

Additional components for use with Rumney Models wagon chassis and body detailing part.

PB.91	Springs and Covers for Shock Absorbing Wagons *Replaces the original B.91 etch. 3D printed springs/brackets and etched covers for the distinctive shock absorbing gear used on opens and vans. GWR and BR variations are covered.*	£4
B.92	BR Sheet Support (Tarpaulin Bar) Detailing *For BR/LMS open wagons with corrugated steel ends. Both early and late types are included. Sufficient parts for two wagons. Etch only.*	£4
B.92A	GWR/SR Sheet Support (Tarpaulin Bar) Detailing *For the GWR/SR type introduced in the 1890s. Includes optional etched or 3D printed wooden spacer blocks. Sufficient parts for two wagons. Etch only.*	£4
B.93A	Buffer springing mechanism - 9" solebar *Provides guitar wire leaf springing for buffers. Suitable for Rumney Models underframes with 9" solebars. Sufficient for 6 wagons and includes parts for shock absorbing wagons.*	£5.50
B.93B	Buffer springing mechanism - 10" solebar *Provides guitar wire leaf springing for buffers. Suitable for Rumney Models underframes with 10" solebars. Sufficient for 5 wagons.*	£4
B.94	Wagon Coupling hooks *Sufficient for 7 wagons.*	£2
B.95A	BR Instanter Links *Double thickness etch. Sufficient for 7 wagons.*	£1.50
B.95B	GWR Instanter Links *Double thickness etch. Sufficient for 7 wagons.*	£1.50
B.96	Screw couplings *Sufficient for 2 wagons.*	£2
B.101	LNER/BR Steel Open Detailing *Etched end stanchions to replace those on the end of Parkside bodies. Two profiles covering LNER and BR builds. Label boards and LNE style lamp irons also included. Sufficient parts for 3 wagons.*	£3.50
B.102	LMS Corrugated Steel Ended Wooden Open Detailing *Body side capping and strapping, lamp irons and label boards.*	£2
B.103	BR Corrugated Steel Ended Wooden Open Detailing *Body side capping, lamp irons and label boards.*	£1.50
B.104	BR Corrugated Steel Ended Wooden Shocopen Detailing *Body side capping and strapping, lamp irons, label boards and cleats as well as the body side part of the corrugated end.*	£2.50
B.105	Ratio LMS Van Detailing *Diagonal side strapping as fitted in BR days, lamp irons, label boards.*	£1
B.106	Bachmann Anchor Mount Tank Wagon Detailing *Two sets of different ladders, brake levers, brake lever guards, tie bars and valve wheel. Sufficient parts for 2 wagons.*	£5.50

Code	Description	Price per unit
B.107	BR 13T China Clay Open Detailing *Etched end stanchions to replace those on the end of Ratio bodies. Lamp irons also included. Sufficient parts for 6 wagons.*	£3.50
B.108	General Wagon Detailing *Lots of little bit for detailing up plastic kits and RTR models. Includes solebar detailing (number plates, label clips, etc), label boards and lamp irons. Sufficient bits for 3 or 4 wagons.*	£4
B.109	BR Grampus detailing *A pair of baskets, door springs and end steps for detailing the Parkside kit.*	£4.50
B.112	Backing Plates for Heavy Duty Axleboxes For use with Rumney Models HD axlebox and spring castings when fitting to other manufacturer's underframes. Sufficient for three wagons.	£0.50
B.113	Bachmann Saddle Mounted Tank Wagon Detailing Two sets of different ladders, brake levers, brake lever guards, tie bars, valve wheel, tank straps and outside solebar crosshead tie down brackets. Sufficient parts for 2 wagons.	£7.50
B.114	Morton 10ft Wagon Detailing A detailing fret for use with Bachmann and Parkside, etc wagons. Includes open wagon door springs, vees, GWR and RCH brake lever guards and brake levers, plus detailing. Sufficient parts for 2 wagons.	£6
B.115	Monkey Tails for 16T Minerals Etched monkey tails for use with Rumney Models Independent brake 16T mineral underframe kits B.16 and B.17.	£1 **WSL**
B.116	Headstock Cutting Jigs For use with Rumney Models underframes to make life easier when cutting headstocks to length. Covers 6 different lengths from 8' wide opens to shock absorbing wagons.	£2 **WSL**
B.119	3D Printed 16T Mineral Pressed Steel Side Doors A pair of replacement Pressed Steel side doors intended for the Cambrian LMS 16T Mineral kit (C8)	£3.50

Wagon Kits

BR Strip Coils

BR built two batches of steel bogie open wagons for carrying steel coil 'eye to the sky' in South Wales. The kits cover the original wood lined wagons and the wagons after the lining was removed and both unfitted and vacuum braked versions of the unlined wagons. Bogies are included. Vacuum cylinders (F.02 - 21") are available from Rumney Models for fitted wagons. Buffers will be needed.

C.01A	BR 42T Strip Coil Wagon *Diagram 1/407 steel coil wagons. Covers the lot 2209 South Wales Strip Coils from 1955 onwards. Includes GWR HD bogies PG.05.*	£44
C.01B	BR 42T Strip Coil Wagon *Diagram 1/403 steel coil wagons. Covers the lot 3104 South Wales Strip Coils. Includes BR HD bogies PG.06.*	£44
C.02	BR 42T Strip Coil Wagon - Wood Lined *Diagram 1/401 steel coil wagons. Covers the lot 2209 South Wales Strip Coils up to 1955. Includes GWR HD bogies PG.05.*	£44

Bogie Bolsters

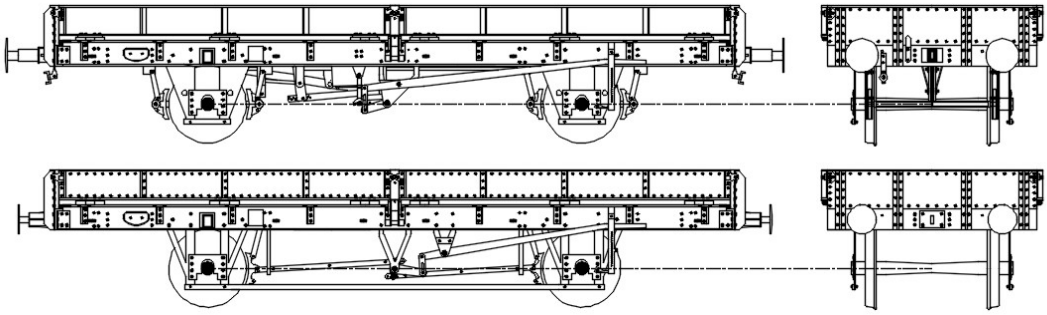
A series of kits to upgrade the Bachmann Bogie Bolster C/Macaw B and the Lima Bogie Bolster E. Some are simple brakegear and detailing frets whilst others allow replacement trussing to be built. All kits are etch only. For those wishing to further upgrade their Bogie Bolster Cs/Macaw Bs, suitable freight bogies are available from Rumney Models (see section G, page 16)

Code	Description	Price per unit
C.04	BR 32T Bogie Bolster E Detailing *An "upgrade" etch for the Lima Bogie Bolster E model. Includes full brakegear, etched 'queen posts', trussing jigs and solebar/headstock detailing. Brass angle for the trussing is required.*	£5.50
C.04A	BR 32T Bogie Bolster E Underframe *For use with C.04 to produce a fully etched chassis. Includes solebars, headstocks and detailing.*	£10
C.05	BR Bogie Bolster C/GWR Macaw B Detailing *An "upgrade" etch for the Bachmann/Mainline BBC/Macaw B model. Includes full brakegear (with options for GWR D/C, unfitted lever brake and fitted lever brake types), etched 'queen posts' and trussing jigs and solebar/headstock detailing. Brass angle for the trussing is required.*	£14
C.05A	BR Bogie Bolster C/GWR Macaw B Levers & Vees - Lever Brakegear *Proper lever brakegear and detailing parts for the Bachmann/Mainline BBC/Macaw B models. This etch does not include anything to replace the trussing on the model. Includes sufficient parts for 2 wagons with options for either 1 x fitted and 1 x unfitted or 2 x unfitted wagons.*	£11
C.05B	BR Bogie Bolster C/GWR Macaw B Levers & Vees - D/C Brakegear *Proper D/C brakegear and detailing parts for the Bachmann/Mainline Macaw B models. This etch does not include anything to replace the trussing on the model. Includes sufficient parts for 2 wagons.*	£7.50

4 Wheel Plate Wagons

4 kits covering the 22T plate wagons built by the LMS, LNER and BR. All variations in body construction (all riveted, all welded or welded sides and riveted ends/3 or 4 hinges per door) are covered along with RCH unfitted lifting link and two types of BR clasp vacuum brakegear. The kits are etch and spring wire only. Suitable springs/axleboxes and vacuum cylinders (F.02 - 21") are available from Rumney Models. Will need buffers.

C.21A	22T Plate Wagon with Welded Body – BR Clasp Brake Chassis (new builds) *BR diagram 1/434 Plate wagons built new with the BR clasp brake. Body and chassis kit B.08.*	£34.50
C.21B	22T Plate Wagon with Welded Sides and Riveted Ends – BR Clasp Brake Chassis (retrofits) *BR diagram 1/430 and 1/431 Plate wagons retrofitted with the BR clasp brake in the late 50s/early 60s. Body and chassis kit B.09.*	£34.50
C.21C	22T Plate Wagon with Welded Sides – Lifting Link Brake Chassis *LMS, LNER and BR unfitted Plate wagons with welded sides. Includes both welded and riveted ends. Body and chassis kit B.27.*	£34.50
C.22	22T Plate Wagon with Riveted Body – Lifting Link Brake Chassis *LMS & LNER unfitted Plate wagons with fully riveted bodies. Body and chassis kit B.27.*	£34.50

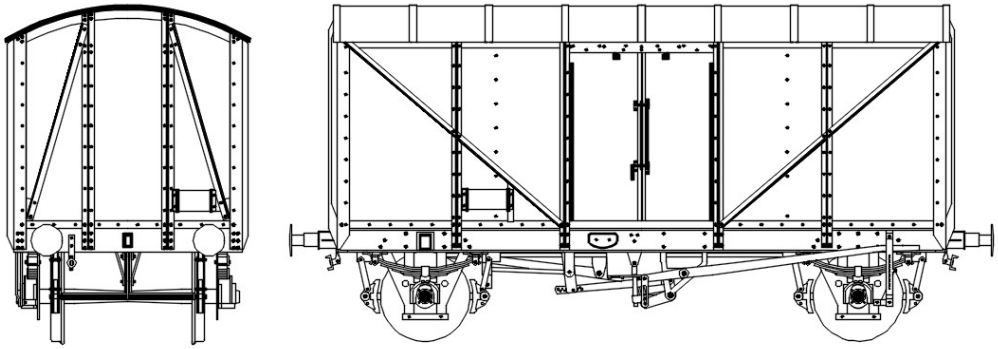


GWR Herring

A complete kit for the diminutive and distinctive Great Western ballast hopper.

Code	Description	Price per unit
X.10	GWR P22 20T "Herring" Ballast Hopper *Etched body and sprung chassis. Includes castings for buffers, springs/axleboxes, vacuum cylinder and vacuum pipes.*	Out of Stock

BR 1/801 Fish Van



The final BR fish van diagram built 1957-60 with the BR clasp brake. Many were later used as parcels vans (SPV).

C.51	BR 1/801 12T Fish Van *Etched chassis and body with a 3D printed roof, springs/axleboxes and a whitemetal vacuum cylinder.*	£53

General Merchandise Open Wagon Conversions

These conversions are designed to be used with Parkside PC.02A sides (not included) to create wooden ended versions of the BR/LMS steel ended 5 plank open/shocopen.

C.53	LMS D.1892 5 Plank Open Wagon Body 'Kit' *Etched ends, floor and ironwork. Suitable chassis: B.12 & B.52.*	£14
C.53A	LMS D.1892 5 Plank Open Wagon Body 'Kit' – Steel Reinforced Ends *Etched ends, floor and ironwork. For wagons where the lower end planks were replaced with steel channel. Suitable chassis: B.12 & B.52.*	£14
C.54	BR 1/040 Wooden Ended Shocopen Wagon Body 'Kit' *Etched ends, floor and ironwork only for use with Parkside Dundas PC02A or PC28 sides (not included). Due to steel shortages in 1952 half a lot of BR Shocopens were built with wooden rather than steel corrugated ends. Includes tarpaulin bar kit B.92. Suitable chassis: B.11 (would also require shock absorbing spring etch B.91).*	£14

LMS/LNE/BR Gunpowder Vans

These kits are a mixed media affair, mainly in 3D printed resin (body, solebars, buffer housings, springs/axleboxes and brakegear) but with a sprung brass 'under frame', roof (for a prototypically thin look) and detailing parts along with a cast whitemetal vacuum cylinder (where appropriate). The PC.55 family covers all the variations in the LMS/LNE/BR Gunpowder vans with push rod brakegear and kit PC.57 covers the final vans built with the BR clasp brake. Suitable axleboxes and buffer housings will be included but if you require something specific, please state when ordering. The kits will be produced in small batches, please inquire for availability.

Code	Description	Price per unit
PC.55A	LMS/LNE Unfitted Gunpowder Van *Independent brakegear.*	£42
PC.55B	BR Unfitted Gunpowder Van *Morton 2 shoe brakegear.*	£42
PC.55C	BR 'New Build' Fitted Gunpowder Van *Morton 4 shoe vacuum brakegear. Vans built new by BR with vacuum brakes.*	£42
PC.55D	LMS/LNE Retrofitted Gunpowder Van - RCH axleguards *Morton 4 shoe vacuum brakegear. LMS and LNE vans retrofitted by BR as part of the modernisation program.*	£42
PC.55E	BR Retrofitted Gunpowder Van *Morton 4 shoe vacuum brakegear. Early BR vans retrofitted by BR as part of the modernisation program.*	£42
PC.55F	LMS/LNE Retrofitted Gunpowder Van - BR axleguards *Morton 4 shoe vacuum brakegear. LMS and LNE vans retrofitted by BR as part of the modernisation program and fitted with replacement BR axleguards.*	£42
PC.57	BR Diagram 1/261 Gunpowder Van *BR clasp vacuum brakegear. The last of the steam era Gunpowder vans built with a 10'wheelbase.*	£42

BR 1/221 Izal Palvan

In 1960 BR built 250 specialist wagons for carrying palletised Izal products from their factory in Sheffield. The kit is another mixed media affair with a mixture of etched and 3D printed parts. The kits are supplied with the original pattern J-hanger springs and roller bearings. Some wagons were fitted with long 'standard' springs with no J-hangers late in life, these are available by request when ordering. Optional 3D printed solebars are available separately to use in place of the etched version included in the kit if required. Transfers are available from Cambridge Custom Transfers.

PC.56	BR 1/221 'Izal' Palvan *Etched underframe, end framing and details. 3D resin printed sides, inner ends (with their distinctive chamfers), roof, Oleo buffer housings and springs/axleboxes. Includes a cast 18" whitemetal vacuum cylinder.*	£51
PC.56A	3D printed solebars for use with the Izal Palvan kit	£3.50

7’3”Air Ministry Tank Wagons

Full kits for the 7’3” Air Ministry 14T Class A and Class B conversion tanks. Includes underframe, tank and details etched in two materials and on three different thicknesses along with 3D printed saddles, tank ends, one piece end stanchions/crossbeams, springs/axleboxes, buffer housings and tank fittings. There is a choice of riveted or welded tanks and both versions are offered with either Class A or Class B fittings. Original small walkways or the 4 support type fitted by SMBP from the late fifties. Esso and SMBP style ladders are also included. EM and P4 only.

Code	Description	Price per unit
PC.111RA	7’3” 14T Air Ministry Oil Tank Wagon *Riveted tank, class A fittings.*	£52
PC.111RB	7’3” 14T Air Ministry Oil Tank Wagon *Riveted tank, class B conversion fittings.*	£52
PC.111WA	7’3” 14T Air Ministry Oil Tank Wagon *Welded tank, class A fittings.*	£52
PC.111WB	7’3” 14T Air Ministry Oil Tank Wagon *Welded tank, class B conversion fittings.*	£52

7’3” 1930s Class A Tank Wagons

Full kits for the precursor to the Air Ministry wagons. They cover wagons built in the 1930s to the RCH 1927 spec with 10’ wheelbase and 7’3” class A riveted tanks. Specification is as per the Air Ministry wagon kits and there are options for saddle or cradle mounting.

PC.112A	7’3” 14T 10’ w/b 1930s Oil Tank Wagon *Saddle Mountings*	£52
PC.112B	7’3” 14T 10’ w/b 1930s Oil Tank Wagon *Cradle Mountings*	£52

Bogie Mink F

Commissioned by Marcus Burrows and inspired by the old Hobbytime offering; a full kit for the GWR bogie Mink F covering the fitted and unfitted versions. Mostly etched brass with 3D printed details such as the distinctive wooden door frames. Include Rumney Models sprung bogies.
The difference between the two kits lies in the bogies supplied. Kit X.27A covers the first two wagons which were built unfitted and kit X.27B covers the remaining six fitted wagons which had additional external angle on the top of the bogie sideframes.

X.27A	GWR Bogie Mink F - Unfitted *For wagons 69996/7. Includes Rumney Models bogie PG.03A.*	£63
X.27B	GWR Bogie Mink F - Fitted *For wagons 60000, 69998-70000, 79598/9. Includes Rumney Models bogie PG.03B.*	£63

Lima Bogie Vee Presflo Detailing

Code	Description	Price per unit
X.33A	Lima Bogie Vee Presflo Skirts and Detailing *A set of etches and 3D prints to update and correct the Lima model. The etched skirts are correct length with 3D printed ends. You will need to lengthen the outer ends of the tanks with plastic strip (not included). The etched detailing includes new walkways, ladders, end anchors and lifting brackets as well as lamp irons, brake wheels and solebar detailing. 3D printed manholes are also included.*	£26
X.33B	Lima Bogie Vee Presflo Detailing Only *As per the 'full' kit above but without the skirts. The etched detailing includes new walkways, ladders, end anchors and lifting brackets as well as lamp irons, brake wheels and solebar detailing. Includes manholes.*	£9

Wagon Castings

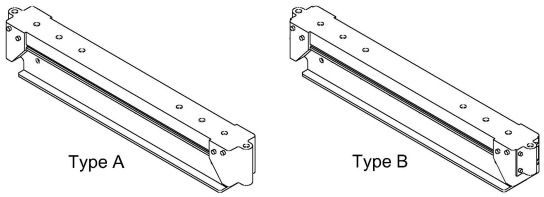
Vacuum Cylinders

F.01	18" Wagon Vacuum Cylinders and Brackets *Set of 3 whitemetal vacuum cylinders and etched brackets.*	£6
F.02	21" Wagon Vacuum Cylinders and Brackets *Set of 3 whitemetal vacuum cylinders and etched brackets.*	£6
F.02A	21" Hopper Wagon Vacuum Cylinder and Brackets *Set of 1 whitemetal vacuum cylinder and etched brackets for hopper wagons.*	£2
F.03A	Bogie Bolster C late type bolsters (diagram 1/474 & 1/477) *Set of four whitemetal bolsters and etched detailing parts.*	£6.50
F.03B	Bogie Bolster C late type bolsters (diagram 1/475) *Set of four whitemetal bolsters and etched detailing parts.*	£6.50

Late type Bogie Bolster C Bolsters

F.03A	Bogie Bolster C late type bolsters (diagram 1/474 & 1/477) *Set of four whitemetal bolsters and etched detailing parts.*	£6.50
F.03B	Bogie Bolster C late type bolsters (diagram 1/475) *Set of four whitemetal bolsters and etched detailing parts.*	£6.50

The difference between F.03A and F.03B lies in the centre pair of bolsters. On diagram 1/475 wagons these were fixed meaning the ends of the bolsters were slightly different. F.03A consists of four Type A bolsters and F.03B consists of 2 Type A bolsters and 2 type B bolsters.

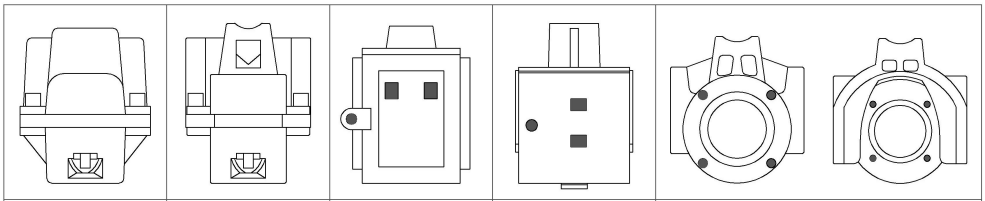


Standard Wagon Axleboxes and Springs

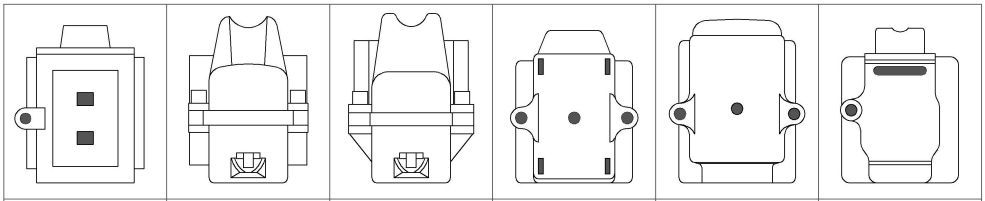
Code	Description	Price per unit
Various	Set of four whitemetal axleboxes and springs	£3.50

Notes:
Oil axleboxes come with the axlebox attached to the spring and are slotted for use with sprung underframes. **FA-FD** & **FM** are based on prototypes with 9” x 4½” journals and are for wagons of 12T to 16T capacity. **FN-FS** are based on prototypes with 10” x 5” journals and are for wagons of 20T to 22T capacity (heavy duty - HD). If you are using the HD axleboxes (**FN-FS**) on wagons produced by other manufacturers you will need backing plates (**B.112**) for the reinforced axlebox guides riveted to the axleguards. You do not need them for Rumney Models kits. Roller bearing axleboxes come with both a hooded and non-hooded type. These are separate from the spring and are designed to be attached to the bearing in the spring carrier on my suspension system except for the BR brake van ones where the bearing is attached to the spring.

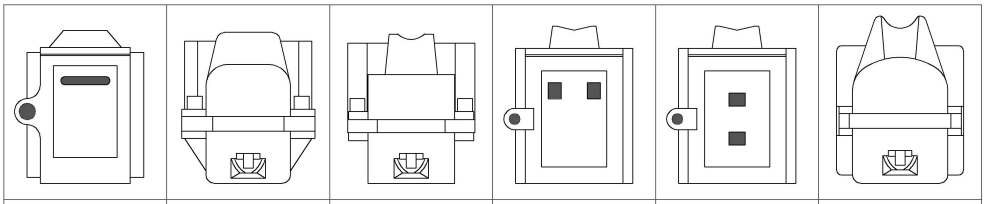
Axleboxes types currently available:



FA BR 2 Part	**FB** BR 2 Part Square	**FC** BR Welded Horizontal Lugs	**FD** BR Platefront	**FE** Roller Bearing Non-hooded & Hooded



FF BR Welded Vertical Lugs	**FG** RCH 2 Part	**FH** LMS 2 Part	**FJ** LMS Platefront Vertical Front	**FK** LMS Platefront Sloping Front	**FL** LNER Cast



FM LNER Welded	**FN** BR 2 Part HD	**FO** BR 2 Part Square HD	**FP** BR Welded HD Horizontal Lugs	**FQ** BR Welded HD Vertical Lugs	**FS** RCH 2 Part HD

The following table shows the combinations available. The code is given by two parts. The first part is the axlebox reference and the second the spring type.

The springs are arranged by the number of leaves so **05** is a 5 leaf springs, **06** is a 6 leaf spring, etc.

07LM refers to the LMS 7 leaf springs with J hangers that were found on general merchandise wagons fitted with their clasp braking system (Rumney Models underframes B.51 and B.52).

07BR are BR 20T brake van springs with their own distinctive J hangers and are ideal for Dave Bradwell's underframes.

	05	06	07LM	07BR	07	08	09
FA - BR 2 Part	●	●	●	●			
FB - BR 2 Part Square	●	●	●				
FC - BR Welded - Horizontal Lugs	●	●	●				
FD - BR Platefront	●	●	●	●			
FE - Roller Bearings	●	●		●	●	●	●
FF - BR Welded - Vertical Lugs	●						
FG - RCH 2 Part	●	●					
FH - LMS 2 Part	●		●				
FJ - LMS Platefront - Vertical Front	●		●				
FK - LMS Platefront - Sloping Front	●	●	●				
FL - LNER Cast	●		●				
FM - LNER Welded	●	●		●			
FN - BR 2 Part HD					●	●	
FO - BR 2 Part Square HD					●		
FP - BR Welded HD - Horizontal Lugs					●	●	
FQ - BR Welded HD - Vertical Lugs					●		
FS - RCH 2 Part Cast HD					●	●	

What to order

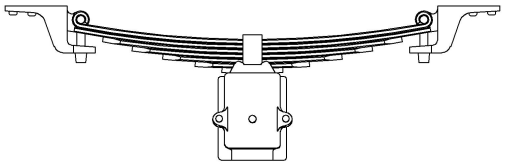
So if you want a set of BR 2 part axleboxes with 6 leaf springs then use the code **FA.06**.
If you want a set of BR Platefront axleboxes with 7 leaf LMS springs then use the code **FD.07LM**.
If you want a set of roller bearing axleboxes and 8 leaf springs then use the code **FE.08**.
Etc…

Other Types of Cast Axleboxes and Springs

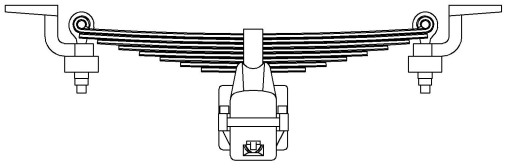
Milk Tanks

Code	Description	Price per unit
FA.08GWMILK	GWR Milk Tank Springs and BR 2 Part Oil Axleboxes	£5.50
FG.08GWMILK	GWR Milk Tank Springs and RCH 2 Part Oil Axleboxes	£5.50
FT.07LMMILK	LMS Milk Tank Springs and Oil Axleboxes	£5.50

Milk tank springs and axleboxes come in sets of 6 with an etch for the reinforced axlebox guides on the outer axles. Note that the centre axles on GWR milk tanks fitted with oil journals were always RCH type it was just the outer axles that could change.



FT.07LMMILK LMS Milk Tank

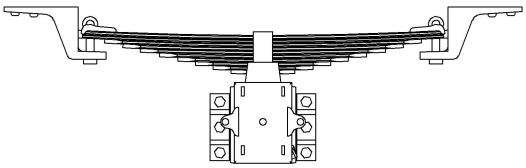


FG.08GWMILK GWR Milk Tank - RCH 2 Part

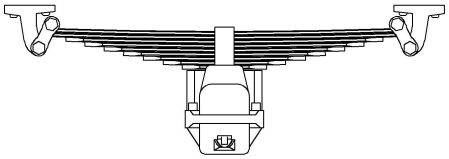
Brake Vans

FN.09GW	GWR Brake Van Springs and BR 2 Part HD Oil Axleboxes	£3.50
FS.09GW	GWR Milk Tank Springs and RCH 2 Part HD Oil Axleboxes	£3.50
FT.10LMST	LMS Stanier Brake Van Springs Axleboxes	£3.50

GWR brake van springs are the later swing link type with 10” journals for diagrams AA.15 (last batch), AA.19, AA.20, AA.21, AA.23 - They will need backing plates B.112 for the reinforced axlebox guides.



FT.10LMST LMS Brake Van

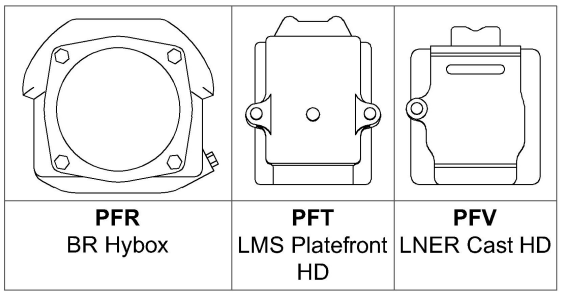


FN.09GW GWR Brake Van - BR 2 Part HD

3D Printed Wagon Axleboxes and Springs

Various	Set of four 3D printed resin axleboxes and springs	£4

High quality resin 3D prints. Spring and axlebox are printed as one part and the axleboxes come slotted for sprung underframes. Please allow 2 weeks for delivery. If you are using the HD axleboxes (**PFR, PFT and PFV**) on wagons produced by other manufacturers you will need backing plates (**B.112**) for the reinforced axlebox guides riveted to the axleguards. You do not need them for Rumney Models kits.

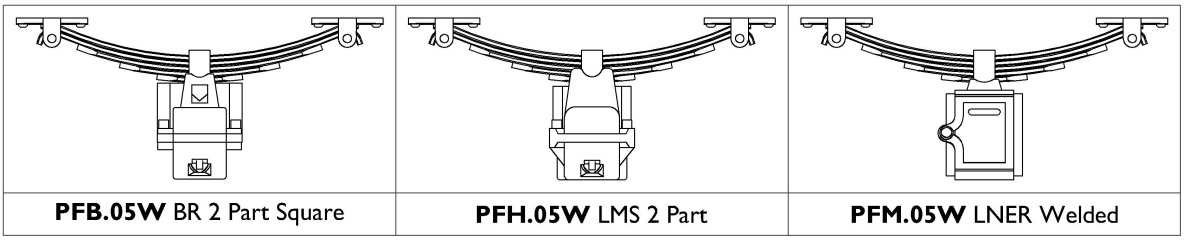


Heavy Duty Axleboxes

PFR - BR Hyboxes with 7 leaf (**PFR.07** - Plates, Tubes, Grampus), 8 leaf (**PFR.08** - Iron Ore Tipplers) or 9 leaf springs (**PFR.09** - Iron Ore Hoppers)
PFT- LMS Sloping Platefront HD Axleboxes with 7 leaf springs (**PFT.07** - Iron Ore Hoppers; early Double Bolsters, Long Lows and Tubes)
PFV - LNER Cast HD Axleboxes with 7 leaf springs (**PFV.07** - 21T Hoppers, 21T Minerals, Plates, Tubes, Double Bolsters)

5 Leaf Springs for Wooden Solebars

The full range of Rumney Models 'light' axleboxes are now available with 5 leaf springs for wooden solebars (**.05W)**. These have prototypically correct flat shoes and are designed to fit scale 12" deep wooden solebars.



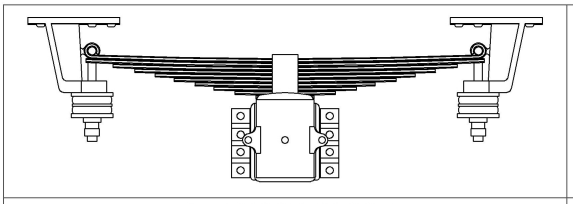
.05W - 5 leaf springs for wooden solebars. Available with axleboxes FA-FM.

PFA.05W - BR 2 Part
PFB.05W - BR 2 Part Square
PFC.05W - BR Welded
PFD.05W - BR Platefront
PFG.05W - RCH 2 Part
PFH.05W - LMS 2 Part
PFJ.05W - LMS Vertical Platefront
PFK.05W - LMS Sloping Platefront
PFL.05W - LNER Cast
PFM.05W - LNER Welded

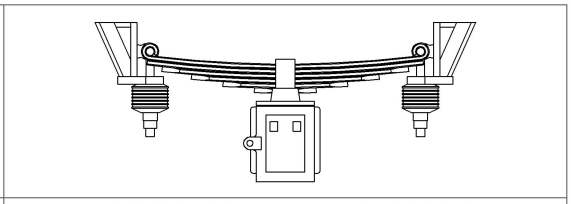
Specials

PFZ.BRCCT - BR CCT

.06PAL - Springs for BR Palvans. Available with BR axleboxes FA-FE. (e.g. PFC.06PAL)



PFZ.BRCCT BR CCT



PFC.06PAL BR Palvan - BR Welded

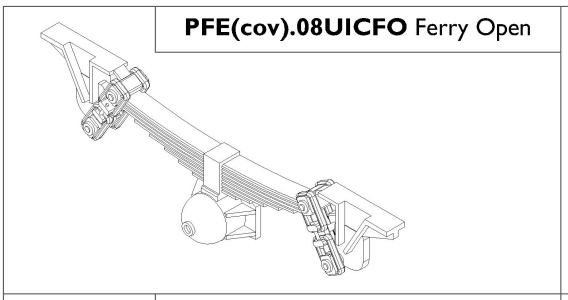
Continental Style Fittings

PFE(cov).08UICFO - BR Ferry Opens to diagram 1/055 with covered roller bearings

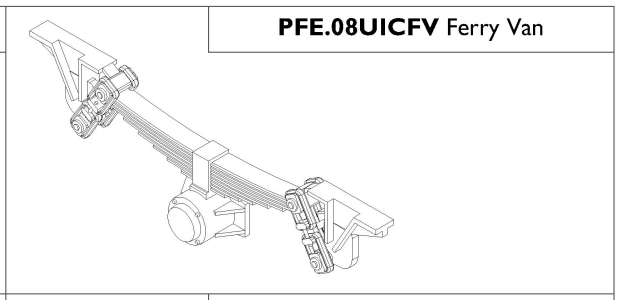
PFE.08UICFV - BR Ferry Vans to diagram 1/227

PFZ.08UICFO - BR Ferry Opens to diagram 1/055 with oil axleboxes

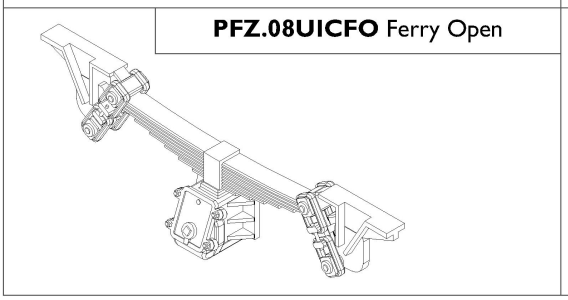
PFZ.09MOTHOP - MOT/LNE 167 21T Hoppers. Include the distinctive coupling pockets.



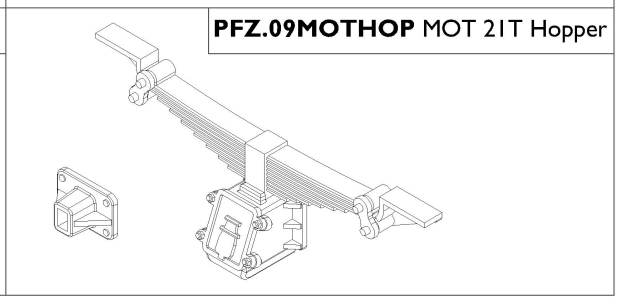
PFE(cov).08UICFO Ferry Open



PFE.08UICFV Ferry Van



PFZ.08UICFO Ferry Open



PFZ.09MOTHOP MOT 21T Hopper

3D Printed GWR Wagon Axleboxes and Springs

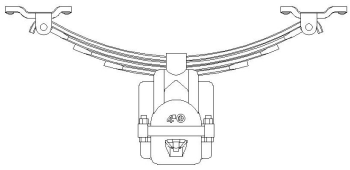
Various	Set of four 3D printed resin axleboxes and springs	£4

So much for GWR standardisation. Aside from the OKF axlebox and 4 leaf wagon spring combination which was used on many wagons the others are a real mix of components. There are 3’6” and 4’6” spring lengths, small and large OK boxes with three types of oil pot (as well as the aforementioned OKF and also the RCH HD box for Mink Gs), short and long J hangers, swing links and T brackets, two types of wagon spring seats, 3’1” and 3’7” diameter wheels and of course, different number of springs depending on the weight, etc of the wagon.

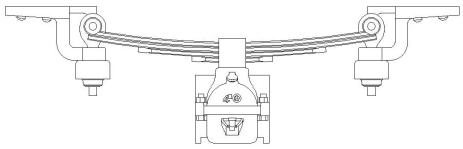
Spring and axlebox are printed as one part and the axleboxes come slotted for sprung underframes. J hangers have links at the top to the springs to add structure. They are hopelessly fragile without. I’m sure many of these types will have alternative applications. Codes are in bold, please use these to avoid confusion. Illustrations are included. The Mink G and O.41 springs will need backing plates (**B.112**) for the reinforced axlebox guides riveted to the axleguards.

3’6” Springs

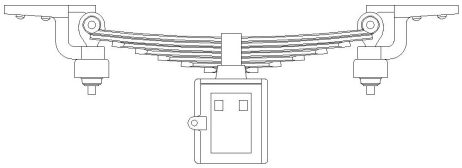
PFGW-OKF4	Various diagrams	4 Leaf - OKF - 3’1” Wheels
PFGW-N16S	Calf Van (N16)	4 leaf - OK (small) - 3’7” Wheels
PFGW-O41	Tube (O.41 and BR 1/446)	7 Leaf - BR Welded HD - 3’1” Wheels
PFGW-P2	Ballast open (P2) & Open C (O16)	6 Leaf - OK (large) - 3’1” Wheels
PFGW-X1	Mica (X1) & Mica B (X2)	5 Leaf - OK (small) - 3’7” Wheels
PFGW-V22	Mink G (V22)	7 Leaf - RCH HD - 3’1” Wheels



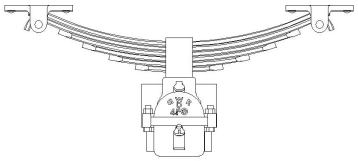
PFGW-OKF4 Standard Wagon Spring & Axlebox



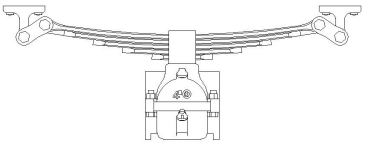
PFGW-N16S Calf Van (N16)



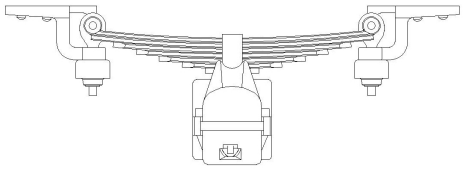
PFGW-O41 Tube (O.41 & BR 1/446)



PFGW-P2 Ballast Open (P2) & Open C (O16)



PFGW-X1 Mica (X1) & Mica B (X2)

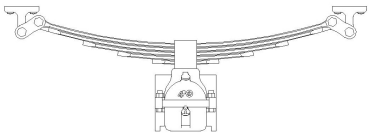


PFGW-V22 Mink G

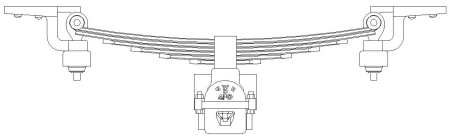
Note: PFGW-N16S for Calf Vans has square section J hangers. The original horse box N16 had round section.

4’6” Springs

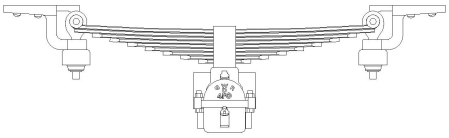
PFGW-AA3	Toad (AA3)	5 Leaf - OK (small) - 3’1” Wheels
PFGW-AA13	Toad (AA13)	6 Leaf - OK (large) - 3’1” Wheels
PFGW-AA15	Toad (AA15)	9 Leaf - OK (large) - 3’1” Wheels
PFGW-G24	Damo A (G24) & Damo B (G25)	7 Leaf - OK (small) - 3’1” Wheels
PFGW-J12	Sleeper Open (J12)	7 Leaf - OK (large) - 3’1” Wheels
PFGW-L15	Match Truck (L15)	5 Leaf - OK (small) - 3’1” Wheels
PFGW-O13MV	Milk Van (O13)	6 Leaf - OK (small) - 3’7” Wheels
PFGW-S8	Boater (S8) & Fruit D (Y11)	7 Leaf - OK (large) - 3’1” Wheels
PFGW-V9	Mink D (V9)	7 Leaf - OK (small) - 3’1” Wheels
PFGW-W14	Beetle C (W14)	5 Leaf - OK (small) - 3’7” Wheels
PFGW-Y2	Fruit (Y2)	4 Leaf - OK (small) - 3’7” Wheels



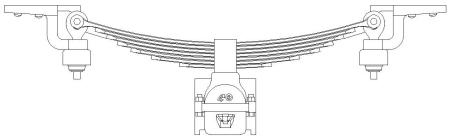
PFGW-AA3 Toad (AA3)



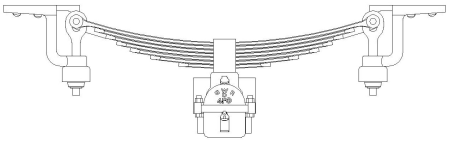
PFGW-AA13 Toad (AA13)



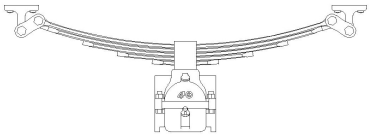
PFGW-AA15 Toad (AA15)



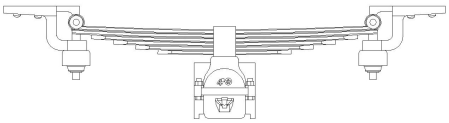
PFGW-G24 Damo A (G24) & B (G25)



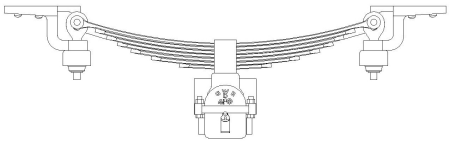
PFGW-J12 Open (J12)



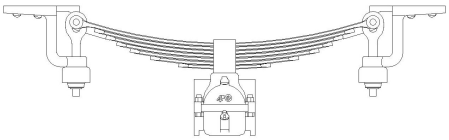
PFGW-L15 Match Truck (L15)



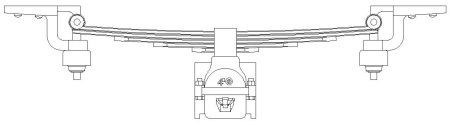
PFGW-O13MV Milk Van (O13)



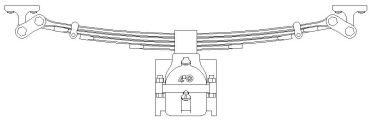
PFGW-S8 Bloater (S8) & Fruit D (Y11)



PFGW-V9 Mink D (V9)



PFGW-W14 Beetle C (W14)



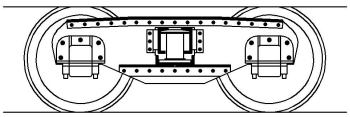
PFGW-Y2 Fruit (Y2)

Sprung Freight Bogies

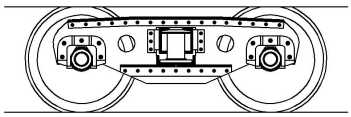
Sprung 5’6” freight bogies. 3D printed cosmetic sideframes with a sprung etched frame. Etch, spring wire and 3D prints included. Price is for a pair of bogies.

BR 5' 6" Plate Freight Bogies

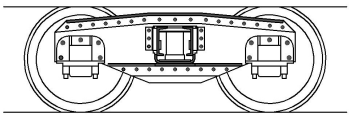
PG.01 BR Oil Bearings



PG.02 BR Roller Bearings

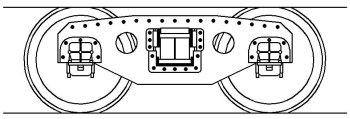


PG.06 BR Heavy Duty

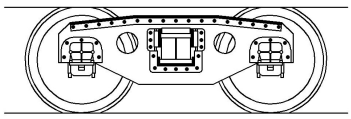


GWR 5' 6" Plate Freight Bogies

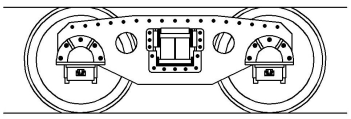
PG.03A GWR Early
Lightweight Axlebox



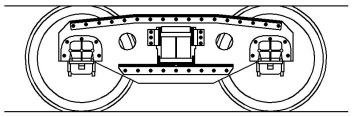
PG.03B GWR Early
Lightweight Axlebox with Top Angle



PG.03C GWR Early
HD Axlebox



PG.04 GWR Standard



PG.05 GWR Heavy Duty

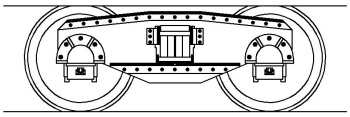


Plate Framed Bogies

Code	Description	Price per unit
PG.01	BR 5’6” Plate Freight Bogie - Oil Journals *Standard design with oil journals.*	£15
PG.02	GWR 5’6” Plate Freight Bogie - Roller Bearing Journals *Standard Design with roller bearings.*	£15
PG.03A	GWR 5’6” Plate Freight Bogie - Early *Early lightweight design without outside angle at the top of sideframe.*	£15
PG.03B	GWR 5’6” Plate Freight Bogie - Early with Top Angle *Early lightweight design with outside angle at the top of sideframe.*	£15
PG.03C	GWR 5’6” Plate Freight Bogie - Early with HD Axlebox *Early heavy duty design. 40T loco coal wagons.*	£15
PG.04	GWR 5’6” Plate Freight Bogie - Late Standard *Late standard design also found under early BR built stock.*	£15
PG.05	GWR 5’6” Plate Freight Bogie - Late Heavy Duty *Late heavy duty design with distinctive scallop shell journals.*	£15
PG.06	BR 5’6” Plate Freight Bogie - Heavy Duty *BR version of the GWR heavy duty Bogie for the second batch of Strip Coils and WR Weltrols.*	£15

Diamond Framed Bogies

PG.11	LNER 5’6” Diamond Freight Bogie - 50T Heavy duty diamond bogie for the Sulphate and Brick wagons.	£15
PG.12A	LNER 5’6” Diamond Freight Bogie - 42T - Cast Axleboxes Light duty diamond bogie for Bolsters and Boplates. LNE cast sloping Platefront axleboxes as fitted to LNE built wagons	£15
PG.12B	LNER 5’6” Diamond Freight Bogie - 42T - Welded Axleboxes Light duty diamond bogie for Bolsters and Boplates. BR welded axleboxes as fitted to BR built wagons and replacements.	£15

Fully Sprung Diesel Bogies

An aid to producing a fully sprung diesel locomotive. P4 only unless indicated. Includes etch, spring wire and custom hornblocks. Each kit is sufficient for one locomotive.

Code	Description	Price per unit
D.03	Peak Pony Trucks - P4 *Pair of pony trucks to fit the Bachmann Peak chassis.*	£7.50
D.03A	Peak Pony Trucks - EM Gauge *Pair of pony trucks to fit the Bachmann Peak chassis.*	£7.50
X.02	Class 30/31 bogies *For the all wheel drive Hornby model.*	£41

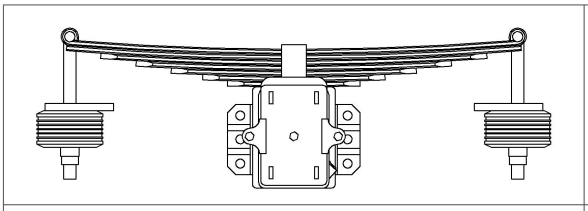
Fully Sprung Single Bolster Coach Bogie Subframes

Coach bogie subframes that work like the real thing. Etch, spring wire and bearing pins included. EM/P4 only. Price is for a pair of bogies. Require cosmetic sideframes.

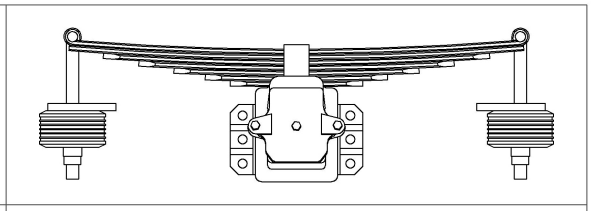
E.01	8'6" BR Mk1 BR1	£16
E.02	8'6" BR Mk1 Commonwealth	£16
E.04	9' GWR Pressed Steel	£18
E.05	9' GWR Heavy Duty	£18
E.06	7' GWR	£16
E.07	8'6" LNER Gresley Standard	£18

Coach Bogie Kits

Complete coach bogie kits. A further development of the subframes to include etched sideframes and bolsters along with castings for the springs/axleboxes & bolster springs. Etch, spring wire, bearing pins and castings or 3D prints included. EM/P4 only. Price is for a pair of bogies.



E.110A LMS Riveted Coach Bogie - Later Axlebox



E.110B LMS Riveted Coach Bogie - Early Axlebox

E.101	8'6" BR Coach Bogie (for Mk1 stock) *For EM and P4 only. Single bolster, original and revised light double bolster bogies. Includes provision to model riveted or welded bogies along with a choice of welded or riveted spring stops.*	£31
E.110A	9' LMS Riveted Coach Bogie (vertical Platefront axleboxes) *For EM and P4 only. A complete kit for the LMS riveted coach bogie. Includes provision different stepboards, correctly modelled ends for dynamo and non-dynamo bogies and 3D printed springs/axleboxes and bolster detail. Later vertical Platefront axleboxes.*	£29
E.110B	9' LMS Riveted Coach Bogie (sloping Platefront axleboxes) *For EM and P4 only. A complete kit for the LMS riveted coach bogie. Includes provision different stepboards, correctly modelled ends for dynamo and non-dynamo bogies and 3D printed springs/axleboxes and bolster detail. Earlier sloping Platefront axleboxes.*	£29

Steam Loco Chassis/Detailing

GER Loco and Tender Chassis

Code	Description	Price per unit
X.01	GER/LNER/BR F4/5/6 2-4-2T *For EM and P4 only. A modern fold up nickel silver chassis to suit the Alan Gibson kit. Features built in CSB suspension along with brakegear, cosmetic driving wheel springs, ashpan detailing, guard irons, balance weights and 'phony trucks' to enable the loco to traverse curves down to 1m radius.*	£34.50
X.07	GER Y14 / LNER J15 0-6-0 *For EM, P4 only. A modern fold up nickel silver chassis to suit the Alan Gibson kit. Features built in CSB suspension along with brakegear, cosmetic driving wheel springs, ashpan detailing, guard irons and dummy inside motion. Covers variations in firebox type, steam and Westinghouse brakegear and contains parts to model the original Sharp Stewart engines.*	£41
X.08	GER S23 Tender Subframe *For EM, P4 only. A modern, fold up CSB, nickel silver chassis subframe to suit the Alan Gibson kit. Includes parts for both steam and Westinghouse brakegear along with replacement sideframes.*	£14
X.09	GER Z14 Tender Subframe *For EM, P4 only. A modern, fold up, CSB, nickel silver chassis subframe for use with the Alan Gibson S23 kit. Covers all the main variation in both steam and Westinghouse brakegear along with replacement sideframes.*	£15

MR/LMS 1P Chassis

X.04A	MR/LMS/BR 1P 0-4-4T - Craftsman Version *For EM, P4 and OO. A modern sprung chassis to suit the Craftsman LMS 1P kit. Features sprung driving wheels, a sprung bogie, full brakegear, dummy inside motion, cast bogie details and a removable keeper plate with cosmetic driving wheel springs.*	£44
X.04B	MR/LMS/BR 1P 0-4-4T - Bachmann Version *For EM and P4. A replacement sprung chassis for the Bachmann LMS 1P. Features sprung driving wheels, a sprung bogie, full brakegear, dummy inside motion and a removable keeper plate with cosmetic driving wheel springs. Also includes 3D printed bogie details, sandboxes, brake cylinder and boiler bottom.*	£47.50

M&SWJR 2-4-0 Loco and Tender Chassis

X.13	M&SWJR 2-4-0 Loco and Tender *For EM, P4 and OO. A modern chassis for the Nucast Partners kit. Can be built rigid or sprung using High Level Hornblocks. A CSB setup is included for both the loco and tender to save the builder having to worry about it. Also included is full brakegear and a removable keeper plate with cosmetic driving wheel springs.*	£39

SR Loco and Tender Chassis

Code	Description	Price per unit
X.16	Bachmann SR N Class Loco Chassis and Tender Subframe *For EM and P4 only. Features independently sprung driving wheels, a sprung pony truck, valve gear, brakegear and a removable keeper plate with cosmetic driving wheel springs. Includes a CSB sprung tender subframe with full brakegear and is suitable for both the 3500 and 4000 gallon tenders.*	£66
X.16A	Bachmann SR N Class Tender Subframe Only *For EM and P4 only. A separate tender subframe from the Bachmann N Class loco kit. Features CSB suspension with full brakegear. Suitable for both the 3500 and 4000 gallon tenders.*	£15
X.35	Hornby SR 700 Class Loco Chassis and Tender Subframe *For EM and P4 only. CSB sprung locomotive chassis with etched valve gear, brakegear, removable keeper plates with cosmetic driving wheel springs and a new boiler bottom for the Hornby body. Includes a CSB sprung14' wheelbase tender subframe with full brakegear and 3D printed vacuum cylinders and reservoir.*	£55
X.35A	Hornby SR 700 Class Loco Tender Subframe Only *For EM and P4 only. The CSB equipped14' wheelbase tender subframe from kit X.35 available separately. Includes 3D printed vacuum cylinders and reservoir.*	£13
PX.35-IM	3D Printed Inside Motion for Hornby SR 700 Class Chassis *A one piece 3D printed version of the inside motion for kit X.35*	£8

Ivatt/BR Class 2 Loco Detailing

X.15	Ivatt Pony Truck Detailing *For use with the Brassmasters Ivatt pony truck kit. Enables the Brassmasters kit to be built as the swing link variety as fitted to one end of the Ivatt & BR 2-6-2T locos. As it comes the Brassmasters pony truck is for the spring controlled version.*	£2
X.21	BR/Ivatt Class 2 Detailing *Various detailing parts designed by Dave Holt for his own loco projects. Intended for the tank locos but some parts are also applicable to the tender versions. Includes balance weights, cab doors, injector parts, vacuum diaphragm brackets, tank straps, lamp irons, lubricator drive and buffer beam gussets.*	£9
X.22	Ivatt Class 2 Tank Bunker Ladder *An etched replacement bunker ladder designed by Pete Tarver for the Bachmann tank loco.*	£1.50

MR/LMS Loco Bogies

Fully sprung replacement loco bogies. All are designed to work in the same way as the prototype with sprung compensating beams either side of guiding frame. Spring wire is included. All are P4 only and require High Level MiniBloxs to complete. There is an option set of 3D printed bogie brakes for the MR 6' version.

Code	Description	Price per unit
X.29A	LMS 6'6" Trailing Bogie *A sprung replacement trailing bogie for the LMS 2P 0-4-4Ts and 2-6-4Ts. P4 only. Requires High Level MiniBloxs to complete.*	£8
X.29B	LMS 6'6" Leading Bogie *A sprung replacement leading bogie for LMS 4-6-0s. P4 only. Requires High Level MiniBloxs to complete.*	£8
X.29C	LMS 6'3" Leading Bogie *A sprung replacement leading bogie for LMS 4-6-0s. P4 only. Requires High Level MiniBloxs to complete.*	£8
X.29D	MR/LMS 6'6" Leading Bogie *A sprung replacement bogie for MR Compound 4-4-0s. P4 only. Requires High Level MiniBloxs to complete.*	£8
X.29E	MR 6' Leading Bogie *A sprung replacement bogie for MR 2P 4-4-0s. P4 only. Requires High Level MiniBloxs to complete.*	£8
X.29EBR	MR 6' Leading Bogie Brakegear *3D printed bogie brakes for use with X29E. For Midland era 2Ps, etc. The bogie brakes were later removed.*	£2

GWR Loco Cranks

These are etched on 0.45mm brass and are designed to be used double thickness. There are three types with the axle hole etched to suit different axle diameters.

X.37A	GWR Loco Cranks - 1/8" Axle *Sufficient parts for 4 cranks*	£2
X.37B	GWR Loco Cranks - 3mm Axle *Sufficient parts for 4 cranks*	£2
X.37C	GWR Loco Cranks - 2.5mm Axle *Sufficient parts for 4 cranks*	£2

Miscellaneous Items

X.03	CSB Carrier Tags for Brassmasters Hornblocks *Two sets of 6 CSB carrier tags with 2 different hole sizes for use with Brassmasters hornblocks.*	£2
X.14	Stones Ventilators *A fret for the distinctive ventilators as fitted to late Midland and LMS period 1 and 2 coaching stock. The fret consists of 42 x 9 pane ventilators, 12 x 6 pane and 10 x 5 pane.*	£3.50
PX.51A	GWR 8'3" x 1'4" Gas Tanks and Fittings *A pair of 3D printed gas tanks valves and gauges.*	£5
PX.51A	GWR 7'0" x 1'6" Gas Tanks and Fittings *A pair of 3D printed gas tanks with valves and gauges.*	£5

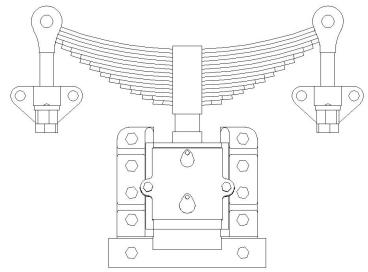
Loco Fittings

3D Printed NER/LNER Tender Springs and Axleboxes

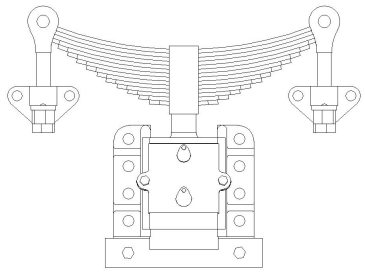
Sponsored by Dave Bradwell. Each set comes as a pack of 6 and the axleboxes are slotted for sprung suspensions. They are designed to be robust enough not to break in the process of fitting.

The Q6 type has a standard NER axlebox and can also be found on J27s. It is as per the preserved Q6 and J27. The J21 type has a longer NER axlebox which was found on some passenger classes. As per the preserved J21.

Code	Description	Price per unit
LF.01A	NER Tender Springs & Axleboxes - Q6	£6
LF.01B	NER Tender Springs & Axleboxes - J21	£6



LF.01A NER Q6 Tender



LF.01B NER J21 Tender

7mm Scale

The Milk Tank detailing and coach bogies are redrawn and resized from the 4mm scale artwork and etched on 0.012” brass. The Milk Tank plates were drawn up from my original artwork not the 4mm version. In short these are not just straight enlargements.

Milk Tank Detailing

OA.07	United Dairies SR/GWR Platforms *The distinctive platforms fitted to some United Dairies milk tanks.*	£13
OA.08	SR/GWR Platform construction jig *Needed to build A.07.*	£11

Milk Tank Plates

OA.21A	United Dairies Ltd Milk Tank Plates - Type A *Company plates for United Dairies milk tanks.*	£3.50
OA.21B	United Dairies Ltd Milk Tank Plates - Type B *Company plates for United Dairies milk tanks.*	£3.50
OA.22	Unigate Creameries Milk Tank Plates *Company/number plates for Unigate milk tanks.*	£3.50
OA.23	Express Dairy Milk Tank Plates *Company/number plates for Express Dairy milk tanks.*	£3.50

The 7mm scale version follows the same numbering pattern as the 4mm ones.

The United Dairies plates were common in the 1950s but could also be seen through to the 1970s. Type A was much more common that type B. Unigate plates would be found on wagons post 1959. They have the wagon number on the plate, and I have done plates for most Unigate diagrams. Please enquire first if you are after plates for specific diagrams. If you aren't worried about diagrams, then please say so when ordering.

- United Dairies Type A
- United Dairies Type B
- Unigate Creameries
- Express Dairy

Express Dairy plates include both the company plate and the distinctive round number plate that was attached to the baulks at the tank ends. The numbers were Express Dairy's own fleet numbers and were generally grouped according to who built the milk tank. If you want something specific, then please inquire or else you will get a random number. Etched on 0.1mm stainless steel and supplied in pairs and painted.

Wagon Detailing

Code	Description	Price per unit
OB.92	Tarpaulin Bar Detailing *For BR/LMS open wagons with corrugated steel ends. Both early and late types are included. Sufficient parts for two wagons. Wire for the bar is required.*	£11
OB.109	Grampus Detailing *A pair of detailed baskets, door springs and end steps.*	£10.50
OB.110	RCH 12' Lifting Link Brakegear Detailing *A general purpose detailing fret. Includes 12' brakegear, vees, brake levers, lifting links & two types of lever guards. Also 21T hopper door handles & end steps and mineral wagon door springs.*	£14.50
OB.111	21T Vacuum Braked Hopper Detailing & Vacuum Cylinder *All the bits specific to the vacuum brakegear on 21T hoppers. Includes vacuum cylinder brackets, brake links and lamp irons. Includes 3D printed 21" vacuum cylinder.*	£5.50

Gauge 1

Milk Tank Plates

I have a small selection of milk tank plates available to suit the Slaters LMS d1994 kit. Details are as per the 7mm versions on the previous page.

G1A.21A	United Dairies Ltd Milk Tank Plates - Type A *Company plates for United Dairies milk tanks.*	£6
G1A.22	Unigate Creameries Milk Tank Plates *Company/number plates for Unigate milk tanks.*	£6
G1A.23	Express Dairy Milk Tank Plates *Company/number plates for Express Dairy milk tanks.*	£6

S Scale

Redrawn and resized from the 4mm scale artwork and etched on 0.012” brass. These are not just straight enlargements. They are available to order only.

SA.01	GWR Standard 20’6” Milk Tank Components *A sheet of etches covering almost everything I have done for standard GWR milk tanks but on one sheet in S Scale. Includes a fully sprung chassis, solebars, headstocks, both D/C and lever brakegear, ladders and partial platforms, walkways and tank straps.*	Withdrawn
SB.13	BR 16’6” x 9’ Morton Brake Chassis – 16T Welded Mineral *For the standard welded body, Morton brake 16T mineral wagons. Tailored to suit the Alan Gibson Whitemetal body.*	£15
SB.16	BR 16’6” x 9’ Independent Brake Chassis – 16T Welded Mineral *For the standard welded body, Independent brake 16T mineral wagons. Tailored to suit the Alan Gibson Whitemetal body.*	£19.50
SB.32	RCH 17’6” x 9’ Morton Brake Chassis *For LMS & GWR vans, Conflats, opens, etc.*	£22
SB.51	17’6” x 10’ LMS Clasp Brake Wagon Chassis For Vans, Opens, Shocopens, Conflats, etc. Specification is as per the 4mm chassis and includes both RCH and BR type axleguards.	£26
SB.61	17’6” x 10’ LNE Clasp Brake Wagon Chassis For Vans, Opens, Shocopens, Conflats, etc. Specification is as per the 4mm chassis (B.61) and includes both RCH and BR type axleguards.	£26
SC.31	16T Welded Mineral Body - With Top Side Doors *The standard 16T welded mineral body with ’London Traders’ flaps. Covers many BR diagrams and LMS d.2134s with welded doors. For use with SB.13 and SB.16.*	£32
SC.31A	16T Welded Mineral Body - No Top Side Doors *16T welded mineral body with no side top doors. Covers LMS diagram d.2109 and BR 1/102 with welded side and end doors. For use with SB.16.*	£32

Instructions
Instructions for my kits are freely available to download from my website. These are comprehensive and include numerous photographs illustrating construction. Given their nature some of them are quite considerable in length. They also cover several kits where appropriate. For those who don’t have access to the internet and require paper copies then these are available on request. However, you must request them when ordering and a small donation towards printing costs would be appreciated.