

MARK HUGHES MODELS

23 Orchard Rise, Tibberton, GLOUCESTER, GL19 3AT

E-mail hmark.hughes@gmail.com

CATALOGUE EFFECTIVE FROM 1st AUGUST 2015

4mm : 1 foot (1:76 or 00) scale bus, coach and tram kits plus fittings and accessories, including structure kits, plus a few items for lorry modellers. Also a few items in 7mm : 1 foot (1:43 or 0) scale, 6mm : 1 foot (virtually 1:50), and two in 3.5mm : 1 foot (1:87). For adult modellers (many items have sharp edges and/or very small parts) - not suitable for children.

Payment is required with order. **PLEASE MAKE CHEQUES ETC PAYABLE TO H M HUGHES.** Credit/debit cards or similar cannot be accepted, but payments can be taken via internet banking and PayPal (please ask for details). In the case of white metal items where an sae is sufficient for postage on single items, please add extra to payment if multiple items are ordered, or enclose extra loose stamps, to cover extra weight and packaging. Whole-stamp (1st or 2nd class letter rate) excess will be refunded. Please allow 28 days for delivery. Mail order only.

POSTAGE RATES CODES FOR SAEs: L = Letter 54/63p, LL = Large Letter 74/95p. If sending a small jiffy bag for a Letter rate item, your envelope should be stamped as a Large Letter owing to thickness. Coins may also incur the Large Letter rate.

PRINTED CATALOGUE £1.50 plus A5 LL sae

or view at / download from http://www.modelbuszone.co.uk/mark_hughes.

Also viewable on the Gloucestershire Transport History website.

Please note that an old version of *The Model Bus Website*, last updated 18th March 2011, with catalogue dated 2009/10, still appears on the internet and should be disregarded.

BUS AND COACH KITS

- P10** Caetano Alpha 11m coach, T/V reg. Etched brass sides and rear with white metal roof, front, floor/chassis.£35.00 plus £3.30 p&p
- P11r** Plaxton Supreme IV 11m coach. One-piece resin body shell, resin floor/chassis, white metal and etched fittings, alternative front domes. **P11rc** with coach door, **P11re** with Express doors. To follow
- P18** Leyland Royal Tiger / Leyland coach (1951), Ribble etc version. White metal with etched nickel silver windscreen frame and fleetname plates.£35.00 plus £3.30 p&p
- P19** Leyland Royal Tiger / Leyland coach (1951), Southdown version. White metal with etched nickel silver windscreen frame.£35.00 plus £3.30 p&p
- P21** Leyland/Volvo Olympian / Alexander RL 9.5m double decker.
- P22r** Leyland/Volvo Olympian / Alexander RL 10.3m double decker.
One-piece resin body shell with white metal front panels and some fittings, and etched brass details. Resin floors/chassis. White metal bus or coach seats, with Stagecoach DP seats to follow.
- P21a** Leyland, Scottish Bus Group - **to follow.**
- P21b** Leyland, 2nd grille, 4-piece windscreen - **to follow.**
- P21c** Leyland, 2nd grille, 2-piece V windscreen.
- P21d** Leyland, Luton & District.
- P21e** Leyland, BET windscreen (except Luton or Strathclyde).
- P21f** Leyland, Strathclyde Buses - **to follow.**
- P21g** Volvo (except Strathclyde).
- P21h** Volvo, Strathclyde Buses - **to follow.**

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The only 10.3m (ref **P22r**) equivalents are c, e and g (as prototype).

P22rc Leyland, 2nd grille, 2-piece V windscreen.

P22re Leyland, BET windscreen.

P22rg Volvo.

.....**P21 and P22r variants £43.00 plus £3.30 p&p**

P23 Leyland Olympian / Alexander RL Megadekka 3-axle double decker. Etched brass sides and details, white metal roof, front and rear panels, floors and fittings. Etched bus seats (H110F) or white metal coach seats (CH96F) for prototype seating layouts or freelance bus H96F layout (etched or white metal).**To follow**

P40v Duple 300 bus, Volvo B10M-56. Etched brass sides, floor/chassis and main seats, white metal front, rear and roof. Also available to order with coach seats.**£35.00 plus £3.30 p&p**

.....**P40t Leyland Tiger version suspended**

P50 Dennis Dart/Carlyle 8.5m London version.**Suspended - to be re-released in resin body shell format**

P53r Dennis Dart/Wright Handybus 9.8m. One-piece resin body shell with white metal floor, seats and some fittings, and etched brass details. One-piece windscreen.

P53 Dennis Dart/Wright Handybus 9.8m. "Traditional" white metal kit with some etched details. Includes alternative split and single windscreen fronts.

Both also available to order with coach seats (require legs altering to fit).

.....**Both £35.00 plus £3.30 p&p**

P60 Talbot Pullman 3-axle minibus. White metal with some etched details. 1992 grille also included. Supplied with Promar bus seats. Also available to order with Promar DP seats or normal bus or coach seats.**£30.00 plus £3.30 p&p**

P80 Van Hool Alizee/Volvo B10M-62 12m coach (1994/5 season), centre continental door/rear emergency exit. Etched brass sides and details, white metal front, rear, roof and floor/chassis.**£35.00 plus £3.30 p&p**

TRAM KITS

T1 Blackpool 761 single door OPO double decker. Etched brass with pewter roof, ends (brass overlay to upper deck), stairs, platforms. Body plus bogie sides. Requires motorising unit and pantograph.**£45.00 plus £3.30 p&p**

T2r Manchester Metrolink Ansaldo T68 articulated tram. One-piece resin body shells with pewter floors and fittings and some etched brass fittings. Includes centre bogie and sides for power bogies. Requires 1 Tenshodo WB26 bogie and Sommerfeldt 965 pantograph.**£74.00 plus £4.40 p&p**

Unpowered version of the above with flat floors and including all three unpowered bogies and wheels/axles. Available to order only.**£81.00 plus £4.40 p&p**

T3 Manx Electric Railway Winter Saloon. Pewter body and bogies with etched bulkheads, clerestory sides and details. Includes all parts for an unpowered model on 9, 12 or 16.5 mm gauges except for wheels. Includes suggestions for motorising.**£38.00 plus £3.30 p&p**

T4 Blackpool 762 dual door OPO double decker. Etched brass with pewter roof, ends (brass overlay to upper deck), stairs, platforms. Body plus bogie sides and extended Tramalan-style bogie chassis. Requires motorising unit and pantograph.**£45.00 plus £3.30 p&p**

T5 Aberdeen Bogie Streamliner double decker. Resin body shell and upper saloon interior, pewter and etched nickel silver fittings. Includes bogie sides and bow collector but not motorising unit.**Out of stock - waiting list open for new run**
Unpowered bogies and lower saloon floor/interior**£12 plus £1.26 p&p**

- T6** **Blackpool & Fleetwood 1899 box car (nos 20-24).** Manx Winter Saloon kit with B&F roof boards, lifeguards and bogie sides (standard gauge). **To follow**

BUS AND COACH PARTS AND FITTINGS

- F1** **Etched bus seats** incorporating handrail. 12 thou etched brass seat back and fold-up legs. Doubles and singles available (plus F1y rear below). Plastic strip for cushions (requires shaping/cutting to length). Individual white metal cushions available on request. *See item F21 for cast bus seats.*
- F1a** Standard (11mm wide) (straight handrail)
- F1e** Narrow (10mm wide) (straight handrail)
- F1h** Narrow (10mm wide) London Transport style with slightly lower back and angled gangway side, straight handrail.
- Usually made up as custom sets to order. Sample prices:**
- **28 seater pack (14 doubles) £1.90 plus LL sae**
- **56 seater pack (28 doubles) £3.70 plus LL sae**
- **80 seater pack (40 doubles) £5.10 plus LL sae**
- F1y** Rear 5-seat bench with split backrest (2-1-2)..... **50p plus LL sae**
- F4** **Steering wheels.** White metal:
- F4a** Leyland Olympian/Tiger. **F4j** Leyland 2-spoke Leopard (late) 21.5".
- F4b** Volvo 18" diam, 1993. **F4k** Mercedes (Citaro & O814D).
- F4c** AEC three-spoke ('T' layout). **F4m** Scania.
- F4d** 3-spoke (evenly spaced). **F4n** IVECO.
- F4e** VDL 2013. **F4o** Volvo 2013.
- F4f** DAF. **F4p** Volvo B10M 2-spoke (pre-1993).
- F4g** Neoplan (single thick angled spoke). **F4r** Bristol or early Ailsa 3-spoke.
- F4h** 4-spoke 22.5". **F4s** Dennis Dominator 2-spoke.
- F4x** Steering column - Leyland. Includes nearside stalk for two-speed rear axle (mostly some coaches) - remove this for most applications.
- F4y** Steering column - AEC. Includes instrument binnacle.
- **50p plus L sae (LL for F4x & y)**
- F5** **Windscreen wipers, pantograph.** Etched brass:
- F5a** 7mm height from base pivot to blade centre pivot
- F5b** 8mm - " -
- F5c** 9mm - " -
- **60p per pair plus L sae**
- F6** **Windscreen wipers, single arm.** Etched brass:
- F6a** Short old style.
- F6x** Modern long style - Optare Spectra.
- F6y** - " - - Van Hool Alizee (1995).
- **50p per pair plus L sae**
- F7** **Driver's seats.** White metal:
- F7a** Older bus type, low back, pedestal mounted. 11.5mm to top of back.
- F7b** High back bus/coach, block mounted. 15.5mm to top of back.
- F7c** Isringhausen ISRI 8008 suspension seat.
- F7d** High back, pedestal mounted. 15.5mm to top of back.
- F7x** **Courier seat**, folded, for fitting to rear wall of entrance stepwell on modern coaches.
- **50p plus LL sae**
- F8** **Wheels.** White metal:
- F8c** Modern tubeless, 13.5mm diam, no nut ring on front.
- F8d** Modern tubeless, 13.5mm diam, with plain nut ring on front.
- F8e** 13mm diam, Caetano Alpha coach trim.
- F8f** Modern tubeless, 13.5mm diam, Vovo/Scania drilled nut ring on front.
- F8g** 11mm diam, Dennis Dart, no nut ring on front.

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- F8h** 8.5mm diam, Talbot Pullman, 6 wheels/3 axles.
- F8j** Leyland 1950s split rim, 13.75mm diam, drilled (small holes) nut ring on front, no hub cap on rear.
- F8k** Leyland 1950s split rim, 13.75mm diam, drilled (small holes) nut ring on front, with hub cap on rear.
- F8m** Leyland 1950s split rim, 13.75mm diam, no nut ring on front, no hub cap on rear. Also suits some AEC, Bristol (including early VRT), Daimler (including Fleetline), Guy.
- F8n** Leyland 1950s split rim, 13.75mm diam, plain nut ring on front, with hub cap on rear.
- F8p** Leyland 1950s split rim, 13.75mm diam, plain nut ring on front, no hub cap on rear. Also suits some AEC.
- F8r** Mercedes minibus (709D etc), 9.5mm diam.
- F8t** Big bus low profile wheels, approx 12.4mm diam, no nut ring.
- F8u** Big bus low profile wheels, approx 12.4mm diam, Volvo/Scania nut ring.
- F8x** 1950s Guy with step nut ring to offside front, but dished centres, not flat. (Step nut ring on both on request for lorries).**£2.00 per set plus LL sae**
- F9 Front grille panels:**
- F9a** Alexander R Type, 1989 Olympian with Leyland name. White metal.
- F9b** Alexander R Type, 1989 Olympian without name. White metal.
- F9c** Alexander R Type, early Scania (different trafficator location) without name. White metal.
- F9d** Alexander R Type, 1989 Volvo Citybus version. White metal.
- F9e** Alexander R "BET screen" style (Luton & District G reg) without name. White metal.
- F9f** Alexander R "BET screen" style (as Stagecoach approx K to P reg - remove panel strap along top for R reg) without name. White metal.
- F9g** AEC Regent V - Glasgow & Aberdeen Corporations. Etched.
- F9h** AEC Regent V - Liverpool Corporation. Etched.
- F9j** Van Hool Alizee 1994/5. White metal.
- F9k** Optare Spectra production version. White metal.
- F9m** East Lancs Cityzen (Scania). White metal.
- F9o** Oldham Corporation replacement grille for Leyland Midland Red bonnet. Etched.
- F9s** Plaxton Supreme IV with alternative standard and GT grilles. White metal.
- F9t** Foden grille flat etch. Etched brass (limited supply in nickel silver). (See F9y for full bonnet).....**F9a to t: £1.50 plus LL sae for castings / L for etches**
- F9u** Duple Dominant Bus front grille panel (corner bumpers) and (separate) destination dome. Fresh castings off amended Westward items. White metal.
.....**£1.80 plus LL sae**
- F9v** Dennis Loline I/II bonnet and wings assembly. White metal kit.
- F9x** Guy Arab IV Johannesburg bonnet and wings assembly. White metal kit.
- F9y** Foden bonnet and wings assembly. Earlier flat headlights. White metal kit. (See F9t for flat etched grille only).**F9v,x,y: £2.60 plus LL sae**
- F9z** Cravens Homalloy Leyland PD3 (Edinburgh PWS998) bonnet and wings assembly. White metal kit. Also body parts (cab details, bulkhead & entrance door) to convert Marsden kit.**To follow**
- F9-27** Alexander R Type front dome. White metal.**£1.20 plus LL sae**
- F10a** Leyland Olympian interior dash panel and steering wheel. White metal.
- F10b** Volvo Olympian interior dash panel and steering wheel. White metal.
.....**£1.50 plus LL sae**
- F11** Recessed fuel filler cap. White metal.**50p plus L sae**
- F14 Body rears:**
- F14a** Alexander RL Leyland Olympian DP rear (shallow upper rear window). White metal.
- F14c** Alexander RL Leyland Olympian rear body infills from kits P21/P22r - large upper window, service number panels and engine grille panels. Also grille transfers. Please ask for details.

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- F14u** Duple Dominant Bus rear (boot outline and corner bumpers). Fresh casting off amended Westward item. White metal.
- F14y** Plaxton Supreme V/Vl coach rear (small window) (Paragon Kits PC01). White metal.
- F14z** Van Hool Alizee coach rear (1994/5 season, ie pre-OOC style). White metal.
.....£1.80 plus LL sae
- F15** **Moulded windscreens:**
- F15a** Alexander R Type 3-sided style (narrow side screens).....£1.10 plus LL sae
- F15b** Alexander Y Type front and rear.£1.50 per set plus LL sae
- F15c** Bedford SB/Duple "Butterfly front" (MBC/ABS kit) front, dome and rear corners.
.....£1.80 per set plus LL sae
- F15d** Plaxton Panorama I (MBC/ABS kit) or Supreme.....£1.50 per pair plus LL sae
- F15e** Willowbrook Spacecar coach (GS/ABS kit).....£1.10 plus LL sae
- F15f** BET.....£1.10 plus LL sae
- F15g** Plaxton Paramount III, single-piece lower section£1.10 plus LL sae
- F17a** **Staircase, Leyland Olympian/Alexander RL**, without panelling, 20.5mm high, 6 risers.
- F17b** **Staircase, rear entrance layout**, 23.5mm high, 7 risers.
.....£1.50 plus LL sae
- F21** **White metal bus seats:**
- F21a** Narrow (10mm wide) (straight handrail).
- F21c** Double-curved top.
- F21d** Late 1940s (and probably pre-war) thick-squab.
- F21e** Split double seats with short handrail on each half. Also tip-up version of standard double and free-standing "wall-mounted" tip-ups. No handrails on the latter and rear seat. Also an "ironing board" wheelchair restraint. Developed from Paragon Kits item. See item F1 for etched brass bus seats..... See F22 for prices
- F21z** Double-curved top conversion bits, especially for resin kit seating units.
.....Pack of 25 £1.70 plus L sae
- F22** **Coach seats - white metal:**
- F22a** Narrow, 10mm wide, 13.5mm high back.
- F22c** Early 1950s with armrests and full width headrest, 11.5mm wide, 13.5mm high back.
- F22m** Alexander DP, 11.5mm wide, 14.5mm high back, similar to many full coach seats.
- F22o** Plaxton coach seat, late 1950s/early 1960s, 11.5mm wide, 13mm high back
- F22p** Plaxton E type coach, 11.5mm wide, 13.5mm high back, as Supremes and late Panoramas.
- F22q** Caetano Alpha, 11.5mm wide, 13mm high back
- F22v** Van Hool 1980s/90 split recliners with armrests, 14.5mm high, 12mm wide.
- F21/22** **Single and triple seats also available (not F21c triple, d, F22c, o, v)**
Usually made up as custom sets to order. Sample prices:
.....25 seater pack (10 doubles plus rear 5) £1.70 plus LL sae
.....33 seater pack (14 doubles plus rear 5) £2.25 plus LL sae
.....45 seater pack (20 doubles plus rear 5) £2.95 plus LL sae
.....57 seater pack (26 doubles plus rear 5) £3.70 plus £1.26 p&p
.....80 seater pack (35 doubles plus 2 rear 5s) £5.10 plus £1.26 p&p
- F23** **Air conditioning roof pods**
- F23a** Sutrak AC31 Tropic - for GRT group Wright bodied Scania saloons and various Hong Kong saloons (from a master by Chan Hung Fai). White metal.
- F23b** Sutrak AC310 - for Van Hool Alizee (and others). White metal.
.....£1.50 plus LL sae
- F24a** **Fletner "spinning" roof vents.** White metal..... 50p per pair plus L sae
- F24b** **Roof vents for later Alexander RLs (at least).** White metal.
.....Set of 4 £1.20 plus L sae.

F25	Ribbed roof aerial covers (as London Darts). White metal. 50p plus L sae
F26	Pneumocyclic gearchange pedestal - late Leopard. White metal. 50p plus L sae
F28a	Wheelarch infills for Dinky Duple Roadmaster coach. White metal.
F28b	Wheelarch infills for Dinky BOAC coach. Plain 1mm square white metal strip cast to shape. £1.50 per set plus LL sae
F30	Driving mirrors. Etched brass:
F30a	Round (2mm dia). Often paired with F30d.
F30b	Oblong (rounded) (3 x 1.5mm), side hung.
F30c	Oblong (rounded) (3 x 1.5mm), top (or bottom) hung.
F30d	Oblong (earlier squared corners) (1.8 x 2.8mm), top (or bottom) hung. Often paired with F30a.
F30e	Oblong with inverted U brackets. F30a to e: Pack of 3 pairs (of 1 type) £1.20 plus L sae
F30LT	London Transport mirrors/indicators for one vehicle - RTetc/RM or RF £1.20 a set plus L sae
F31	Detailing parts for Little Bus Co Bedford SB/Duple Vega with instructions for other structural amendments to improve the interior layout. White metal. £3.00 plus LL sae
F31a	Engine cover and F31b curved entrance decency screen. White metal. May be applicable to other 1950s coach bodies and would be useful items towards equipping body shells. 50p each plus LL sae

TRAM FITTINGS

TF101a	Wrought iron dog-gates - Manchester Corpn. Pair. Etched brass.
TF101b	Ventilators for above lower deck windows on Manchester Pilcher trams. Pair. Etched brass. £1.50 plus L sae
TF102	Wrought iron dog-gates - Gateshead 10. Pair. Etched brass. £1.50 plus L sae
TF103	Wrought iron platform offside panel - Manchester Corpn (also London United U class). Pair. Etched brass. £1.50 plus L sae
TF104	Bumpers for Blackpool English Electric Railcoaches, Balloons and Vambacs. Set of 4. Etched brass. (Now with locating holes). £1.50 plus L sae
TF105	Bumpers for Blackpool Brush Railcoaches. Set of 4. Etched brass. £1.50 plus L sae
TF106a	Lifeguards for Blackpool English Electric Railcoaches, Balloons and Vambacs. Set of 2 side/front/side joined units. Etched brass.
TF106b	Lifeguards for Blackpool OMOs. Set of front & 2 side guards. Etched brass.
TF106c	Lifeguards for Blackpool Centenaries. Set of 2 side/front/side joined units. Etched brass.
TF106d	"Dog gates" for Blackpool Balloons etc. Pair. Etched brass. TF106a to d: £1.50 plus L sae
TF106x	Driving mirrors for Blackpool OMOs. Set for 1 tram. Etched brass. £1.20 plus L sae
TF107a	Lifeguards for Blackpool Twin-Car Railcoaches. Set of 2 side/front/side joined units. Etched brass. £1.50 plus L sae
TF107x	Couplings for Blackpool Twin-Car Railcoaches. Two-part coupling (etched brass) plus nuts & bolts. £2.00 plus L sae

- TF108a Platform bulkhead window bars for older trams.** Set of 4, 8 x 3 mm with 3 bars. Etched brass.£1.50 plus L sae
- TF108b Wire mesh panelling for open-top trams.** Etched brass.£4.00 plus L sae
- TF108c Diamond mesh plain sheet, 0.75mm spacing, 94 x 40 mm.** Etched brass.£3.50 plus L sae
- TF109 Freelance "might-have-been" Blackpool Twin-Car Railcoach style ends for Balloon double-decker.** To fit Hadfields Balloon kit with some modification. Pewter. Includes floor ends, cab controls, seats to match Hadfields kit, and moulded curved corner glazing. (See item TF107a for suitable lifeguards).£11.00 plus £3.30 p&p
- TF110 Lifeguards for Manx Electric Railway Winter Saloon.** Pair. Etched brass.£1.50 plus L sae
- TF111 Bogie sides.** Sets of 4. Pewter:
- TF111a** Blackpool 761. **TF111b** Blackpool 762 & Centenary.
- TF111c** Manx Electric Brill Type 27Cx. **TF111d** EMB L5.£3.50 per set plus LL sae
- TF111e** Leeds 600
- TF111f** Grimsby & Immingham Great Central cars
- TF111g** Blackpool & Fleetwood 1899 box car
- TF111h** Manx Electric Milnes plate-frame (Winter Saloon etc)To follow
- TF112 Blackpool Trolley/Pantograph Towers.** One-piece etched fold-up. Plus additional pewter "timber trolley plank" on a and b.
- TF112a** English Electric (lowered). **TF112b** Brush.
- TF112c** Centenary (642-7 & 651).£6.50 plus LL sae
- TF113 Bow Current Collectors.** Etched brass fold-up with spring strip and nuts & bolts:
- TF113a** Medium bow (26mm), long base
- TF113b** Shorter bow (21.5mm), long base
- TF113c** Medium bow (26mm), short base for tower mounting.
- TF113d** Long bow (37mm), long base£5.50 plus LL sae
- TF116 EE controller with gauges.** Pair. Pewter.£2.00 plus LL sae
- TF117 Lifeguards/trays sets.** Etched brass.
- TF117a** Generic. Allows for some different styles. **TF117b** LCC/LT 1.
- TF117c** Middleton Bogie.£3.50 plus L sae
- TF118 Detailing sets for kits and body shells.** (See TF111 for some bogie sides).
- TF118a** Tramalan/Majestic Blackpool & Fleetwood toastrack 2. Etched brass lifeguards/trays, dog gates, wrought ironwork, handrails.£5.00 plus L sae
- TF118b Blackpool & Fleetwood 1899 box car.** Etched brass lifeguards/trays, dog gates, roof "advert" boards. (Manx Winter Saloon conversion - see T6 for full kit).£7.00 plus L sae
- TF118c** Grime Street Industries Leeds 600. Etched brass lifeguards/trays, roof catwalks and "advert" boards, front dash and destination screen details, plus short-base bow kit, cast pewter destination boxes.£10.00 plus 95p p&p
- TF118d** Grime Street Industries Grimsby & Immingham long Great Central car. Etched brass lifeguards/trays, truss rods, solebar overlays, entrance steps, plus cast pewter platform/bumper frame, toolbox doors.£10.00 plus 95p p&p
- TF118e** Grime Street Industries Blackpool Coronation. Tower and lifeguards/trays. Etched brass.To follow
- TF118f** Grime Street Industries Blackpool Coronation. Body grilles and waist/cantrail and

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other trims. Etched nickel silver. Grilles and windscreen frames also available separately. **To follow**

STRUCTURES / SCENIC ITEMS

- S1** Tram Pinch road sign, 1950s style. Etched brass with rod for post. **£1.50 plus L sae**
- S2b** Queue barrier, 42mm long, based on one in Fleetwood of tubular metal construction. White metal. **£1.50 plus L sae**
- S3** Queue barrier. 5 flat etched brass posts with 2 brass rod rails. Up to 80mm length. **£1.50 plus L sae**
- S4** Passenger shelter, "Cleveleys". Close replica of actual shelter. End entrance, side exit at opposite end. Etched brass sides with white metal roof and base. "2 bay", 118mm long. **£11.00 plus £1.24 p&p**
- S5** Passenger shelter, "Portsmouth". Shortened close replica of actual shelter now preserved on Portsmouth sea front. Edwardian cantilever with scroll brackets. Etched brass with white metal gutters and pillar detail. 3 bay, 105mm long. **£11.00 plus 93p p&p**
- S6** Passenger shelter, "Fleetwood". Close replica of actual shelter. Oval with doorway in centre of one side. Etched brass with white metal roof and base. 61mm long. **£8.50 plus 93p p&p**
- S7** Stone balustrade, 3 74mm lengths. White metal. **£3.00 plus LL sae**
- S8** Timber "cattle" grid for level crossings or ends of reserved track. White metal:
- S8a** 10 panels (for both sides of a single track crossing) **£3.00 plus LL sae**
- S8b** 18 panels (for both sides of a double track crossing) **£4.00 plus LL sae**
- S8c** 6 panels (for both sides of a 2ft gauge (009) single track crossing) **£2.00 plus LL sae**
- S9a** Blackpool tramroad concrete fencing, early style (Little Bispham). 18" total (18 panels in units of 2 or 3). White metal.
- S9b** Blackpool tramroad concrete fencing, modern heavy X replacement style. 18" total (18 panels in units of 3). White metal. **£5.00 plus LL sae**
- S10** Blackpool tramroad crossing gates:
- S10a** "Timber" pedestrian crossing gate to go with S9 styles. 2 gates including gate posts plus two spare fence posts. White metal. **£2.50 plus LL sae**
- S10b** Iron railing style occupation plus pedestrian crossing gates from Rossall. 2 wide and 2 narrow. Etched brass with white metal gate posts. **£3.50 plus LL sae**
- S10c** Iron railing style occupation crossing (wide) gates from Rossall. Etched brass with white metal gate posts. **£2.50 plus LL sae**
- S10d** Iron railing style pedestrian crossing (narrow) gates from Rossall. Etched brass with white metal gate posts. **£2.50 plus LL sae**
- S11** Blackpool tramroad 21 inch high cast iron fence (Little Bispham). Includes concrete base. Etched brass and white metal. Could also be mounted on a low wall. 5 lengths totalling 9½ inches. **£4.00 plus LL sae**
- S12** Passenger shelter, "Portsmouth double-sided". A development of kit S5, double-sided with semi-circular ends. **£18.00 plus 93p p&p**
Also a limited number of spare development prototypes without the semi-circular ends. Available to order only. **£15.00 plus 93p p&p**

S20	Tramway overhead fittings. Etched fold-up assemblies:				
S20a	Ear	Pack of 30 £7.00	S20e	Hanger - "bow"	Pack of 10 £4.50
S20b	Frog	Pack of 6 £5.00	S20f	Hanger - "square"	Pack of 10 £4.50
S20c	Pull-off	Pack of 6 £2.80	S20g	Hanger - "curvy"	Pack of 10 £4.50
S20d	Board joiner	Pack of 8 £5.00	 plus L sae (covers a few packs)		
S21	Traction pole scrollwork. Etched brass:				
S21a	4 piece plain for single or double poles.				Pack of 4 sets £2.50 plus L sae
S21b	2-piece double scrolls for double poles.				Pack of 4 sets £2.50 plus L sae

MISCELLANEOUS

M3	Coloured clear acetate, approx 100 x 60 mm - orange, dark red, blue, green, yellow or smoky black. Limited stock.....		£1.00 plus L sae
M4	White semi-opaque film (glossy on one side, thin), approx 100 x 60 mm. Limited stock.....		£1.00 plus L sae
M8	White metal thin strip. Approx 30mm lengths:		
M8a	0.75mm square (30 thou)	M8b	0.75 x 1 mm (30 x 40 thou)
M8e	0.75 x 2.5 mm (30 x 100 thou)	M8f	1.0 mm square (40 thou)
	 Pack of 5 lengths £1.00 plus L sae		
M9	Roof blanks - white metal, untrimmed edges, without rounded side cove panels:		
M9a	Shallow arc such as Alexander RL, approx 170 x 33 mm.		
M9b	Alexander P Type profile, approx 170 x 32 mm.		
	 £1.80 plus 9" x 4" LL sae		
M10	"Working with Etched Brass" leaflet (included with several kits). Free plus L sae		
M11	Window ventilator bars, etc. White metal. Trim to required size.		
M11a	0.75mm (30 thou) square section, (inverted) T layout, 30 x 5 mm overall.		
	 Pack of 14 £2.00 plus L sae		
M11b	Cab window bars, 0.75mm (30 thou) square section, + layout, 22 x 22 mm overall.		
	 Pack of 3 £1.00 plus L sae		

Wire mesh - see TF108c.



P21a



P21e

Photo: Flickr/Dunfermline Dave



P21b



P21f

Photo: Unknown origin



P21c

Photo: Flickr/Preselected



P21g

Photo: Flickr/Dunfermline Dave



P21d



P21h

Photo: WorkHorse Productions 1997
from "Glasgow's Trams & Buses" CD-ROM



P22rc



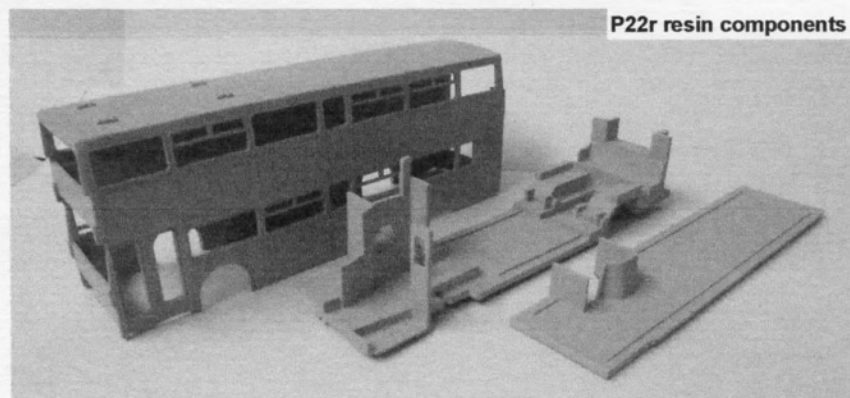
P22rg



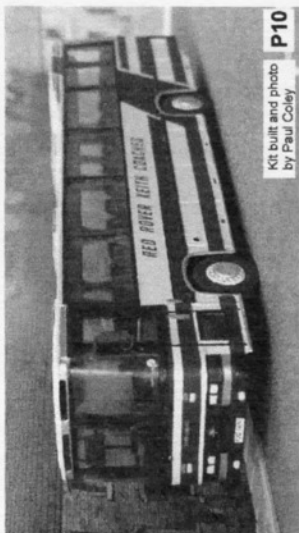
P22re



**P21 resin components
(assembled)**



P22r resin components



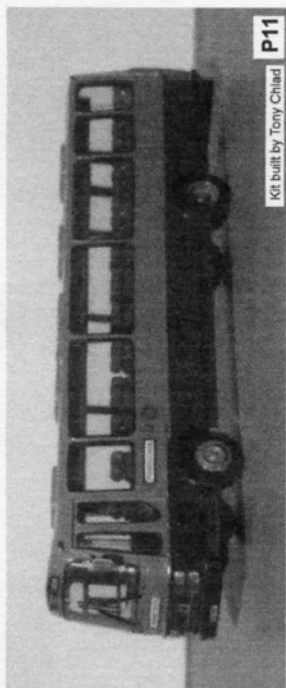
Kit built and photo
by Paul Coley

P10



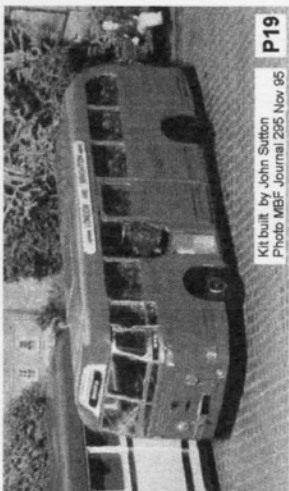
Kit built and photo by Dave Jessop
MBF Journal 202 Aug 95

P18



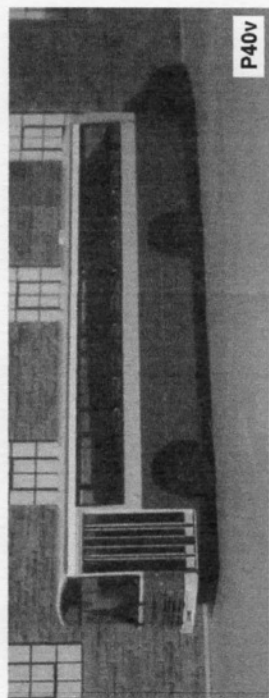
Kit built by Tony Chlad

P11



Kit built by John Sutton
Photo MBF Journal 205 Nov 95

P19



P40v



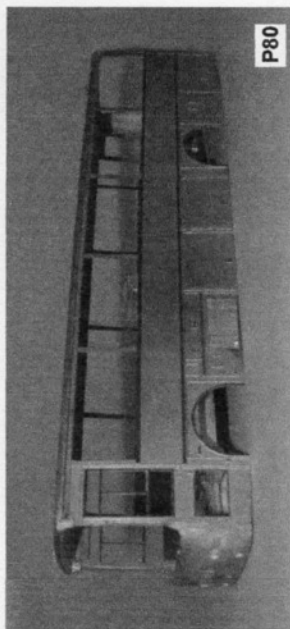
Kit built by Chris Taylor
Photo MBF Journal 252 Apr 92

P50

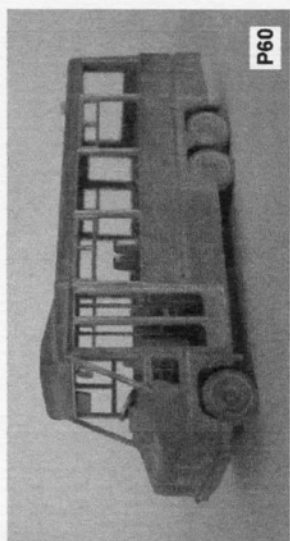


P53r

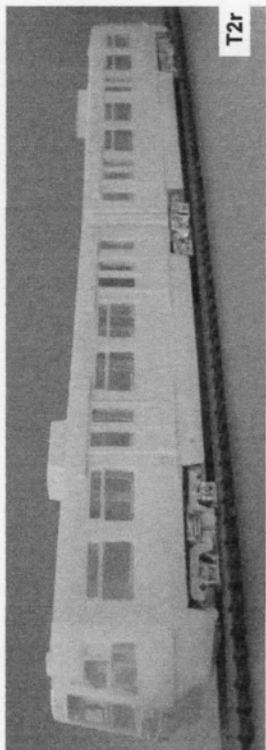
Kit built and photo by Dick Lindsay



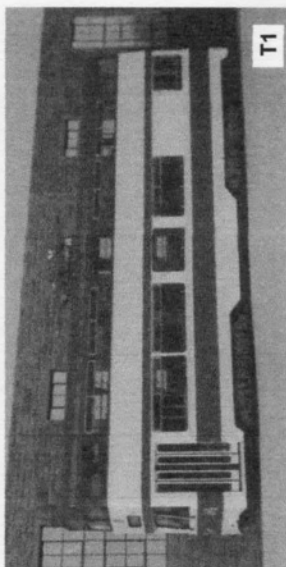
P80



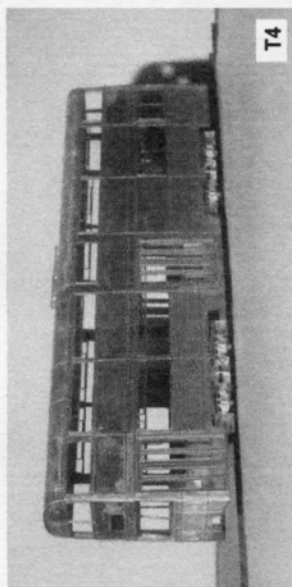
P60



T2r



T1

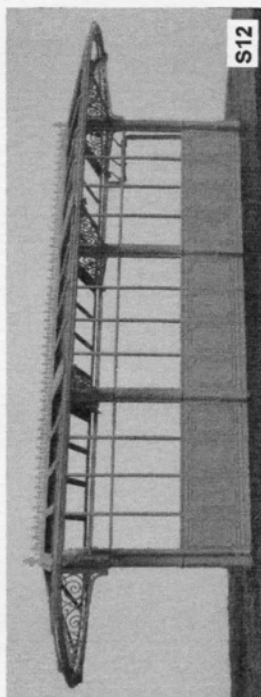


T4

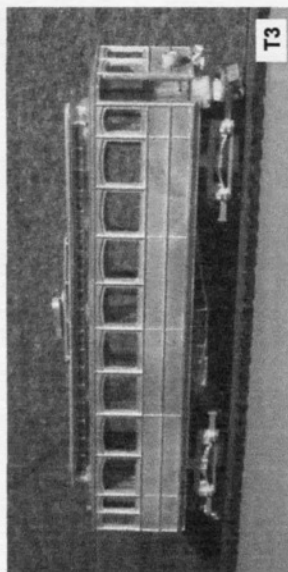


T6

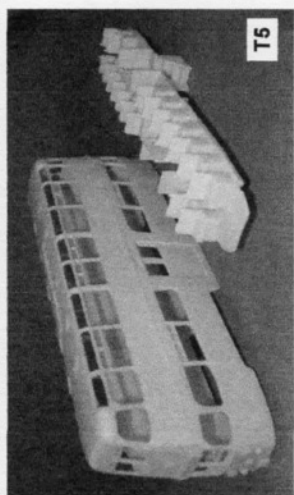
Photomatic/
Blackpool Trams -
The First Half Century



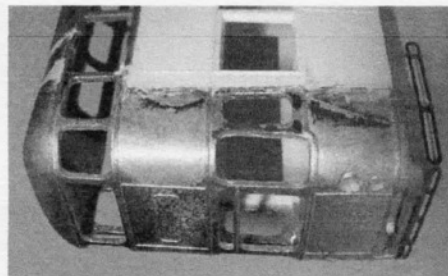
S12



T3



T5



TF109 with TF107



TF103



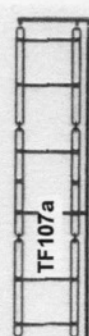
TF107x



TF106x



TF102



TF107a



TF106a

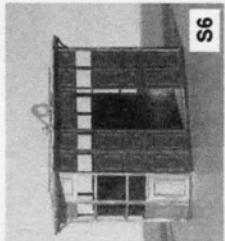
TF108a

TF110

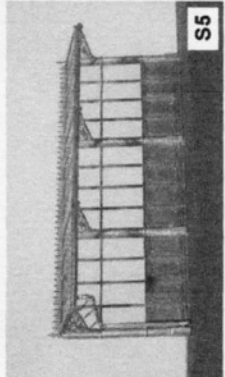


TF105

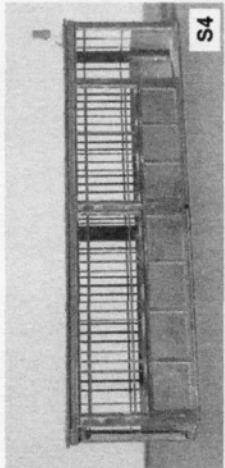
TF106b



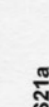
S6



S5



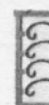
S4



S21a



S21b



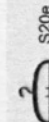
S20e



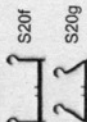
S20f



S20g



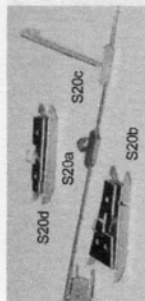
S20d



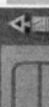
S20a



S20b



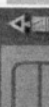
S20c



S2b



S3



S1

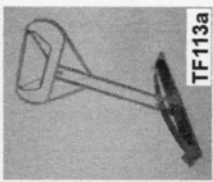


S10b/c/d

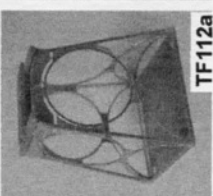


S8

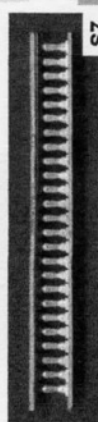
TF101b



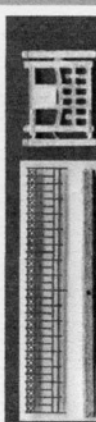
TF113a



TF112a



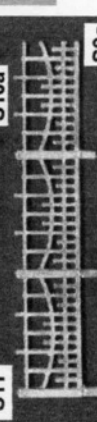
S7



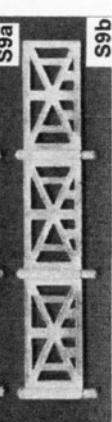
S10a



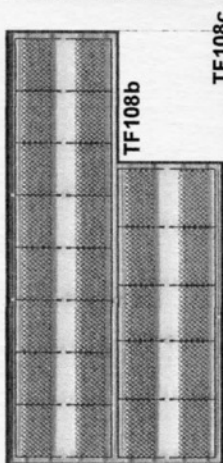
S11



S9a



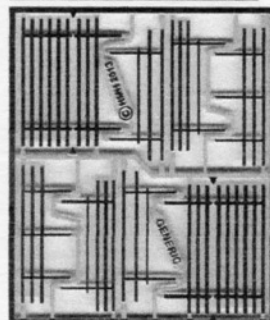
S9b



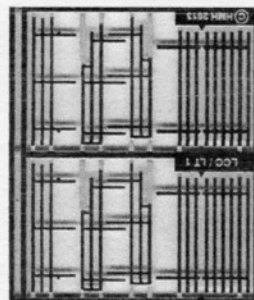
TF108b



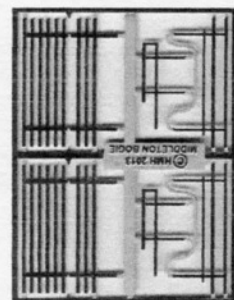
TF108c



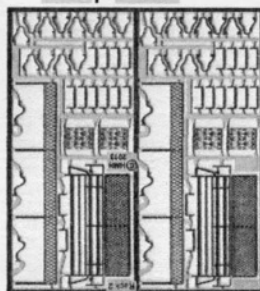
TF117a



TF117b



TF117c



TF118a



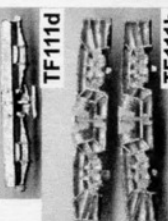
TF111d



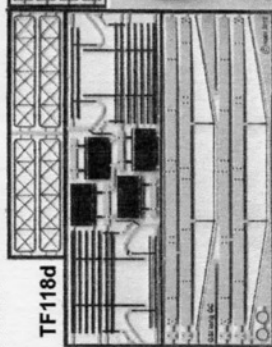
TF111c



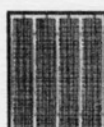
TF111a



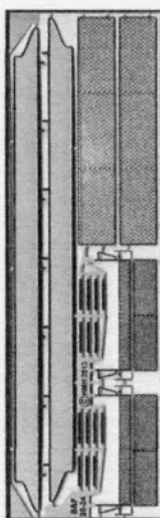
TF111b



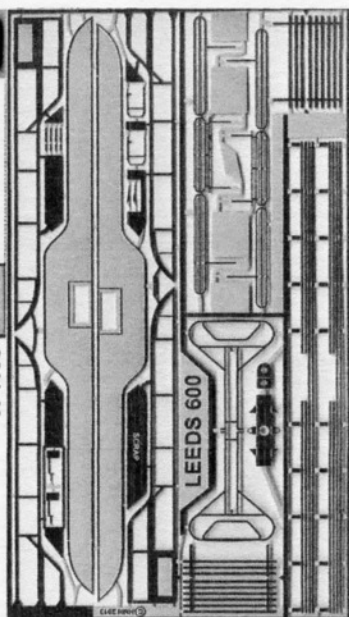
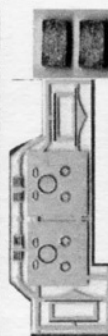
TF118d



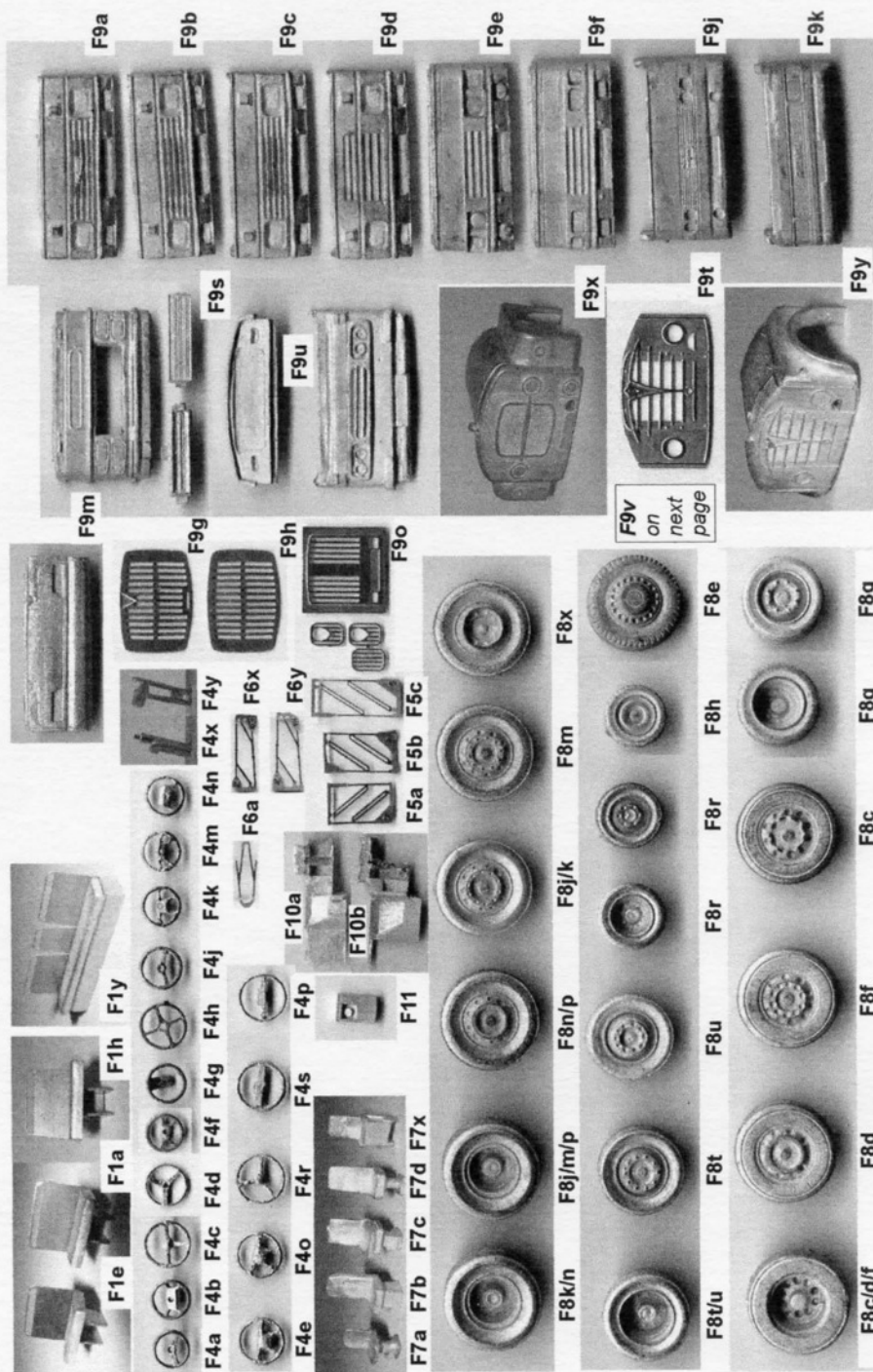
TF118c

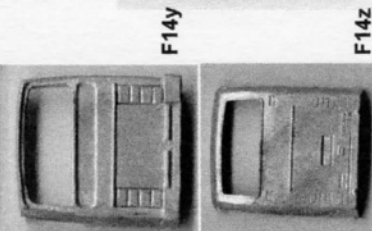
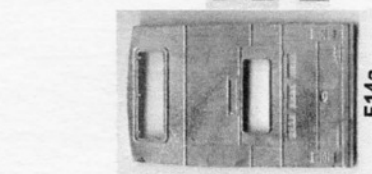
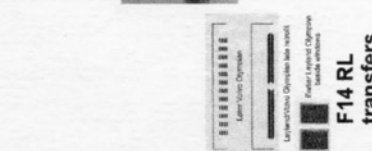
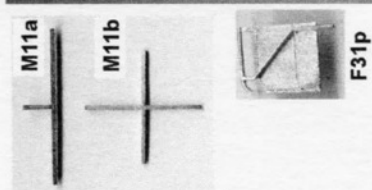
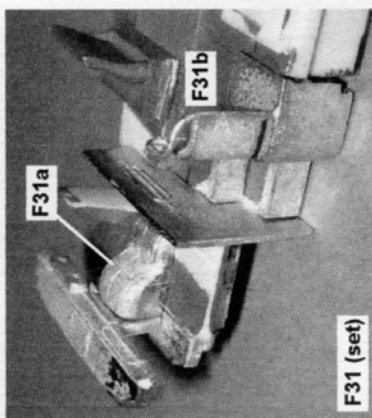
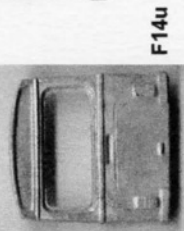
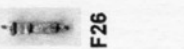
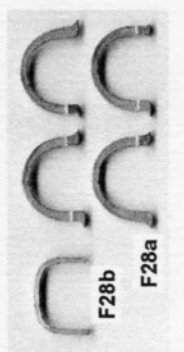
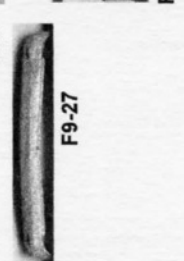
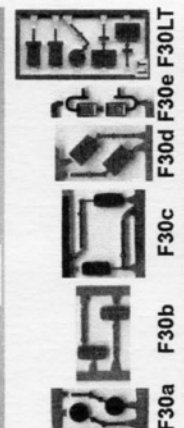
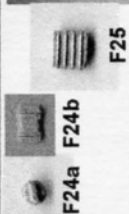
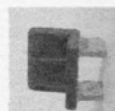
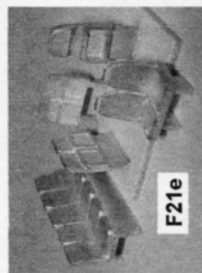
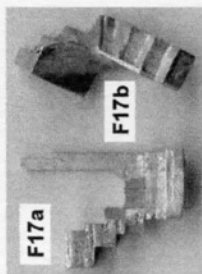


TF118b



TF116





ETCHED & OTHER SPECIALS. Arising from customer requests and own requirements, a selection of mostly etched (8 thou nickel silver) items. Availability depends on circumstances. Also a few castings....**Plus L sae for etchings, LL for castings**, unless shown otherwise.

GRILLES



A Alexander grilles for underfloor-engine single deckers c1954-61.



B Diamond mesh - B, C, D.



C Square mesh - A, E.
.....£1.20 each



D



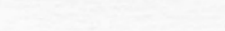
E



Bedford SB grille for Duple Midland bus (Paragon kit PK27)
.....£1.50



Duple "Bella" range grilles - Bedford SB, Thames Trader, Bedford VAS, Bedford VAL, Commander Mk1 without & with Duple badge
.....£1.50



Duple Midland/Willowbrook Bedford SB5/early VAL bus
.....£1.50

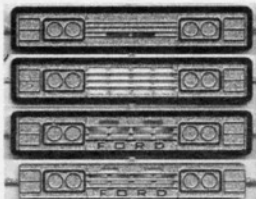


Duple Midland/Willowbrook Bedford J2 grille
.....£1.50



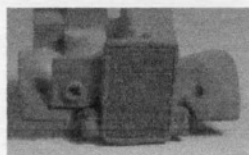
Duple Commander Mk1 set for Grey Cars (for LBC kit).....£2.00

Main grille also available separately with or without badge (may need trimming for other applications)
.....£1.20



A Duple Dominant I late grilles
B (D = SBG Ford buses)
C£1.20

D



Grille insert for TINY Leyland PD2 etc bonnet, with or without number plate cutout...£1.20

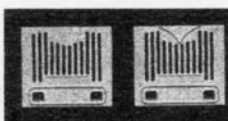
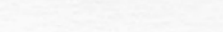
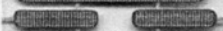
Leyland PD/PS series radiator. White metal casting. Needs some filing to fit EFE and no doubt others.

With number plate.....£1.50

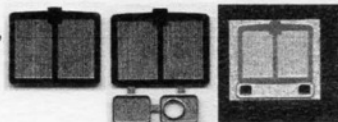
Without number plate....To follow



Willowbrook Bedford and Ford bus grilles - late (square badge), late (big W badge), late (no badge), earlier VAM/VAL/Ford, Highland Omnibuses, some Ford.....£1.50



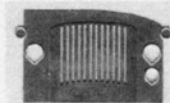
Leyland BMMO - plain, Alexander (for some of Alexander's lowbridge PD3s - open platform conversion of Marsden kit).....£1.50



Bournemouth Corpn grille for Leyland Midland Red bonnet, scale size for ABS, wider with brake grilles for Corgi OOC, full panel, scale size.....£1.50

ETCHED & OTHER SPECIALS *continued.*

GRILLES *continued*



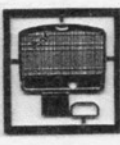
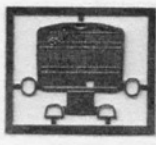
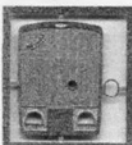
**Liverpool Corporation
Leyland PD2 front grille
panel£1.50**



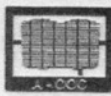
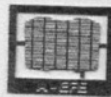
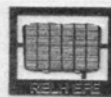
**Bristol Lodekka prototype
slotted version (note that the
bonnet on these was a little
squarer than the production
version).....£1.50**



ECW Bristol MW grille....£1.20



**Early LD Standard LD Early FS
Replacement grilles for B-T LD Lodekkas -
early & standard LD plus early FS for other
projects£1.50**



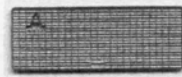
**Grille inserts for EFE & OOC Lodekkas - old
and new styles - note different slot patterns on
these (A early, B middling, C late). Also EFE
RELH.....£1.20**



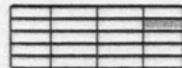
**Leyland National
engine cover for
EFE.....£1.20**



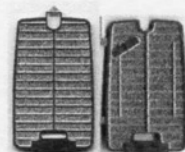
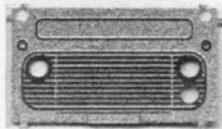
**Ailsa Alexander
grille, without or
with Ailsa badge
.....£1.50**



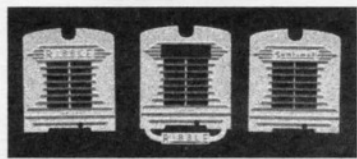
**Alexander Bristol VRT
grille.....£1.50**



**BMMO S21 front
panel.....£1.50**



**Sentinel early
bus grille (left),
lorry grille
(right) ...£1.50**



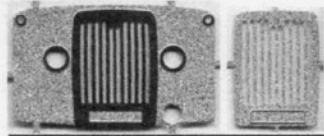
**The later Sentinel grille in Ribble and
standard versions - note that the prototype of
the Ribble batch had a slightly different
pattern, and I've done some etches with the
name separate to suit my own wish for an
ex-Ribble vehicle.....£1.50**



**Jensen - the half-etch version was done as
insurance in case the etch-through version
didn't work and could be used on new-builds
where it should be placed in a 5 thou recess.
The prongs of the N in the etch-through
version are very delicate and easy to catch
on the fingertip. **Austin. Morris
Commercial, 10.5mm high.....£1.50****



**Jensen (2-part) as illustrated
in March 2011 Buses
magazine£1.50**



**A36 A40
NKD536 NKD540**

**Front panel or grille-only for Liverpool
AEC Regent III's - two-part etches - I suspect
C has been misled by a photo of A with trims
painted over green.
Full width....£2.00 Grille only....£1.50**

ETCHED & OTHER SPECIALS *continued.*

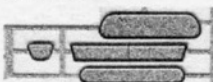
GRILLES *continued*



AEC Regent/Regal III radiator.
White metal casting.....£1.50



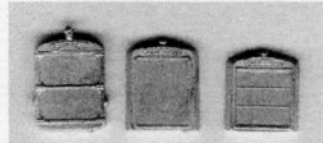
Vertical slatted insert for LBC and EFE (specify which) AEC Regent Vs.....£1.20



BET 36ft bus grilles - set of small grilles
.....£1.50



BET plain rectangle (rounded corners).....£1.20



Scammell RG12 (1935) / 45CD (1939), later replacement for those, Highwayman 1955. White metal castings. A few spare etches, as used for the masters (3-piece in the case of the early one) are also available.....£1.50 each



Commer Commando radiator.
White metal casting.....£1.50



Plaxton Derwent Elite style for Neath & Cardiff (different

windows from the Paragon kit) and Woods of Mirfield.....£1.50



Ribble/Maidstone & District Leopard DP (especially for EFE)
.....£1.20



East Yorkshire Leyland Panther bus grille.....£1.20

MANUFACTURER & OPERATOR BADGES & TRIMS



Willowbrook front "wings", straight or "droopy" for a different version of the TINY Black & White coach kit
.....£1.20 each



Willowbrook side trims for TINY kit TK12 (with YTC insert).....£1.50 per set



ECW Bristol MW "wings".....£1.20



Daimler fluted bars - short and early long. Small 1970s badge.....80p each



Daimler curved fluted bar for tin fronts.....80p



Burlingham front "wings".....£1.20



Seddon Diesel badge.....80p



Perkins engine badges (etch-through [right] not guaranteed).....80p



Foden "kite" badge.....80p



Foden "diamond" badge.....80p



BMMO badge.....80p



Dennis (Dominor).....80p



Sheffield United Tours wings plus front windscreen shield.....£1.50 a set



Yorkshire Traction fleetname "wings", double or half.....£1.20 per pair



Black & White windscreen wings, large for Guy and AEC, small for 1962-4 Leopard/Plaxtons ("positive" and "negative" versions done to see how they came out).....80p each



R1
R2
R3



S1
S2
S3



Sc1
Sc2
Sc3

Ribble, Standwick, Scout name plates.....80p for singles£1.20 for pairs



Leyland & AEC (1950s) badges.....£1.20 for 2



Leyland Panther badge
.....£1.20 for 2



Leyland scroll (Olympians etc)
.....80p

ETCHED & OTHER SPECIALS *continued.*

MANUFACTURER & OPERATOR BADGES & TRIMS *continued*



Guy Arab UF badge.....80p



Mercedes badge - small for MCV Evolution, large for Citaro.....80p

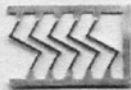


Atkinson badge - small for buses, large for lorries.....80p



Duple Elizabethan "wings" motif£1.20

MISCELLANEOUS FITTINGS



Handbrakes
.....£1.20 for 2

Starting handles
.....Pack of 5 £1.20

WHEEL TRIMS



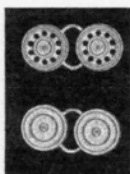
Daimler Fleetline front wheel trims (pair of single-piece etches).....£1.20



Foden front wheel trims (pair of two-part etches).....£1.20



Coach rear wheel trims (pair of two-part etches)
Type A.....£1.20



Coach rear wheel trims (pair of single-piece etches)
Type B.....£1.20



London Transport (and other operators) rear wheel trims (pair of single-piece etches).....£1.20

Volvo/Scania drilled front nut rings (pair).....£1.20

BODYWORK PARTS



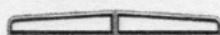
BMAC rear & sidelights sets.....£1.50
BMAC OMO signs
.....£1.50 per pack of 5



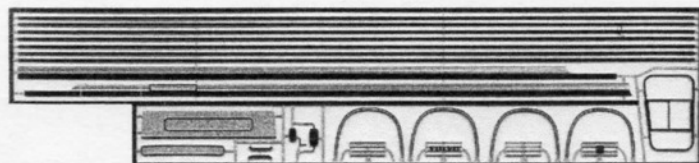
Twin headlamps.....£1.20 a pair



Emergency door handles
.....Pack of 5 £1.20



Alexander R Type front window vents.
.....£1.20



Detailing set for B-T Duple Dominant II. Includes one door of choice but not full front grille owing to the presence of cast details.....£5.00 plus 95p p&p
Main front grille.....£1.20
Doors and centre "badge" grille also available separately.....£1.50 and 80p respectively



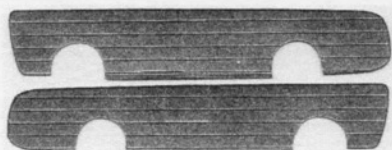
Ribbed waist/skirt trim for BET saloons (eg Devon General). Three strips of approx 150mm.
.....£2.50 plus 95p p&p



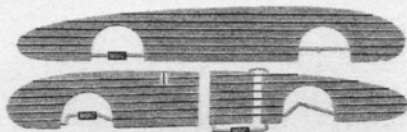
Alexander M Type side trims for original Westward kit & more recent LBC kit (*specify which*)
.....£5.00 plus 95p p&p

ETCHED & OTHER SPECIALS *continued.*

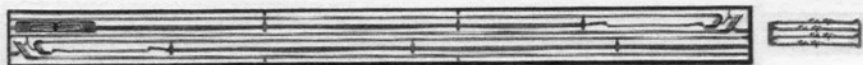
BODYWORK PARTS *continued*



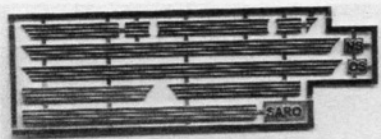
Windover Kingsway side trims for TiNY kit TK16.....£5.00 plus 95p p&p



Sheffield United Tours side trim inserts for Corgi or Anbrico/MBC/ABS (specify which) Burlingham Seagull coach.....£5.00 plus 95p p&p



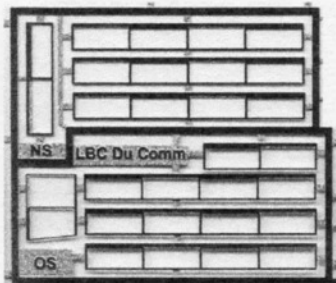
Duple "Bella" series trims, Bella Vega, Bella Vista, and plain for Willowbrook buses/DPs£3.50 plus 95p p&p



Saunders Roe (Saro) skirt trims£2.50



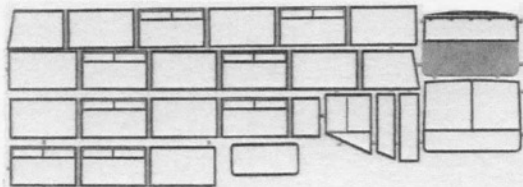
Roof lights - pack of 4 fold-up etchings£3.50



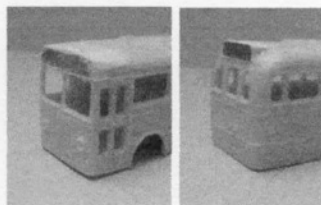
Window vents for LBC Duple Commander (eg Grey Cars).....£2.50 a set



Alexander Y Type rear corner trims for Anbrico/MBC or EFE£1.20 a pair



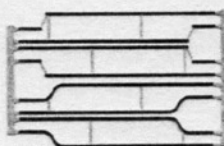
Replacement window frames for PSG East Lancs Cityzen kit - for shortened modification (illustrated) or original longer version. Etched brass.....**Special order only**
Also castings for above-windscreen angled panel and interior dash, plus replacement windscreen to fit improved (see item F9m) or original kit front dash.....**Please ask**



Front and rear destination panels for the distinctive **Lytham St Annes Burlingham bodied Tiger Cubs**, to assist in converting the TiNY kit. The bulk of the modification requires a good amount of filler, plus replacing the top cantrail beading at a higher level. The rear destination needs to be mounted lower than shown in the photo as the kit's beading over the rear windows is too high up, at least for this version.....**£1.50 a pair**

ETCHED & OTHER SPECIALS *continued.*

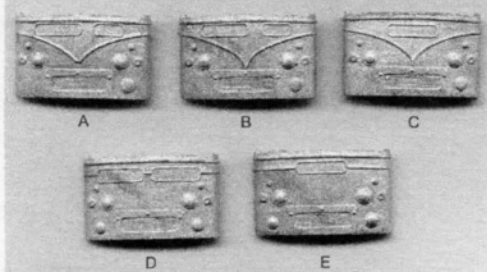
BODYWORK PARTS *continued*



Plaxton Highway side "step" trims
(2 styles),
.....£1.50 a pair



Plaxton Highway front V trims - two depths,
.....£1.20 each



Plaxton Highwayman conversion kits.

Originated at the time of the Marsden Models 36ft Highway bus kit, this project was extended to encompass their 30ft version and RTC Models' 30ft version. The short version in fact appeared in two lengths - 30ft for LUT's first batch and 31ft 4in for the second, plus Burnett's - where the difference is in the rearmost side window.

A waiting list is open for **full kits** where the "short" bodyshell would be produced with a separate "long" rear end for cutting back where required.

Front panels available are **A:** Lancashire United xxxxTE (AEC) and DTFxxxB (Leyland) (36ft), **B:** Lancashire United xxxWTE (31ft 4in), **C:** Lancashire United xxxSTF (30ft) and Burnett XSA620 (31ft 4in) (minor differences), **D:** Wallace Arnold Farsley Omnibus 833KUA (36ft), **E:** Alexander (Northern) ex Burnett and now preserved XSA620 (31ft 4in) and Burwell & District 932BCE (36ft). Other items include Leyland and AEC steering columns and dashes, and alternative trims for the step in the side waistband, so it is **essential that a specific vehicle or batch is notified with an order, and which kit is to be used as the basis for conversion.** All Highwaymen had coach seats (see F22o) except XSA620, but 272STF had been fitted with bus seats when photographed with Beadles of Newtown, mid Wales, and 201AOU with Ezra Laycock, Barnoldswick.

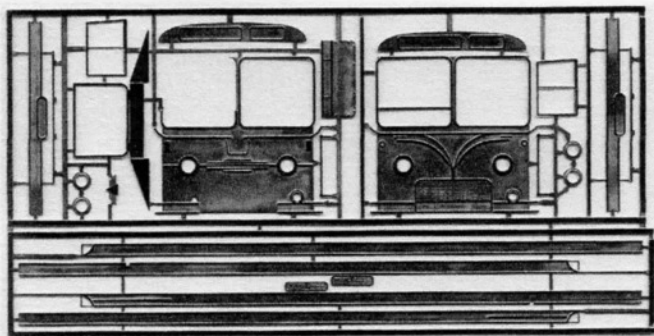
Plaxton Highwayman conversion kit.....£8.20 plus LL sae
See F22o for seats prices



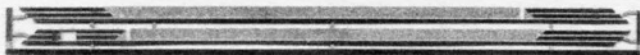
Replacement grille for Worsley Works Welshpool & Llanfair WASP ex-MoD railcar (009)
.....£1.50

ETCHED & OTHER SPECIALS *continued.*

BODYWORK PARTS *continued*



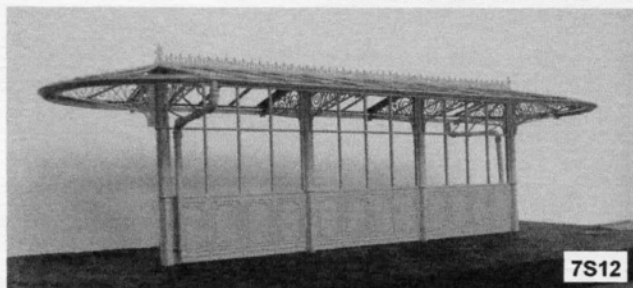
Body trims for
Sunrise Alexander
1955 single-decker,
Alexander (Northern)
or Alexander (Midland)
.....**£5.00 plus LL sae**



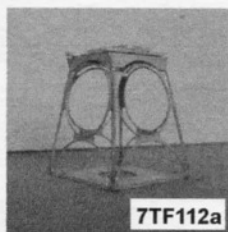
ECW waistband trims (Red & White) for EFE MW coach (pair)**£2.00 plus LL sae**

7mm (1:43 or 0) SCALE ITEMS

- 7S12** Passenger shelter, "Portsmouth double-sided". A development of kit S5, double-sided with semi-circular ends. Etched brass and white metal.
.....£48.00 plus £3.30 p&p
- 7TF101a** Wrought iron dog-gates - Manchester Corpn. Pair. Etched brass.
.....£3.00 plus L sae
- 7TF101b** Ventilators for above lower deck windows on Manchester Pilcher trams
Etched brass.....£3.00 plus LL sae
- 7TF102** Wrought iron dog-gates for Gateshead 10. Pair. Etched brass
.....£3.00 plus L sae
- 7TF103** Wrought iron platform offside panel - Manchester Corpn & London United
U class. Pair. Etched brass.....£3.00 plus L sae
- 7TF112a** Blackpool Trolley Tower - English Electric (lowered). One-piece etched
fold-up with additional pewter "timber" trolley mounting.....£12.00 plus 95p p&p
- 7TF113a** Bow Current Collector. Etched fold-up with spring strip...£11.00 plus 95p p&p
- 7TF118e** Detailing set for Grime Street Industries Blackpool Coronation - tower &
lifeguards/trays, bogie details. Etched brass with white metal tower "cap".
.....£30.00 plus 95p p&p
- 7TF118f** Detailing set for Grime Street Industries Blackpool Coronation - body
grilles & waist/cantrail and other trims. Etched nickel silver.
.....£45.00 plus 95p p&p
Grilles & windscreen frames only....£10.00 plus L sae



7S12



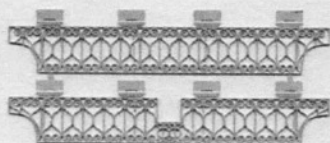
7TF112a



7TF101a



7TF103



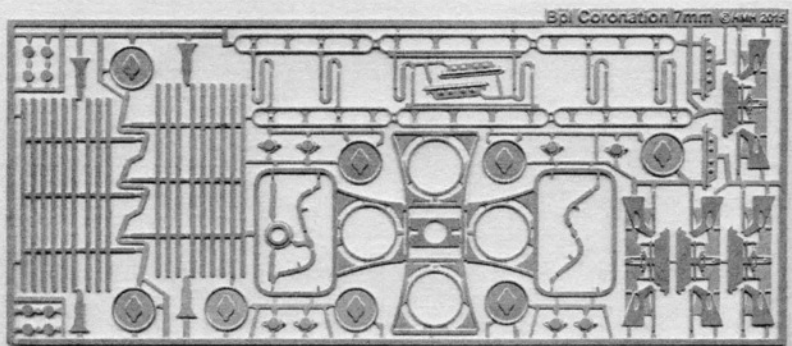
7TF102



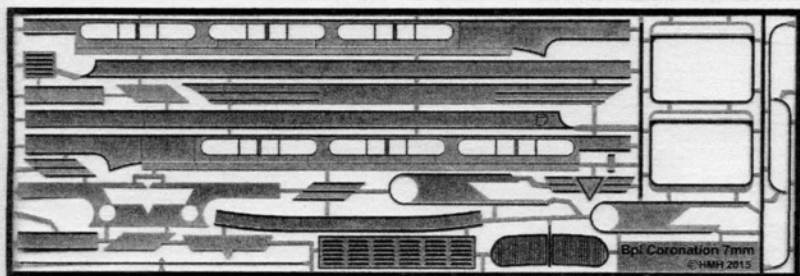
7TF113a

7TF101b

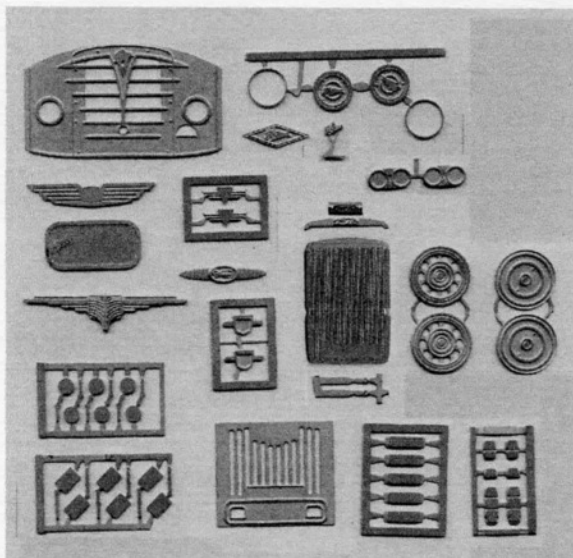




7TF118e



7TF118f



Foden kite badge.....£1.20

A selection of etches in 7mm scale using original artwork from the 4mm scale range, used to fill spaces in an etch sheet and to see how they would come out. Brass.

.....Please ask for prices

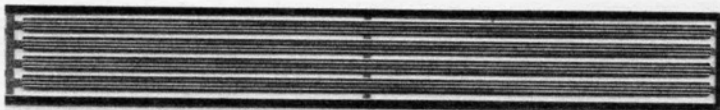
6mm or 1/50 SCALE ITEMS. A very few leftovers from requests.



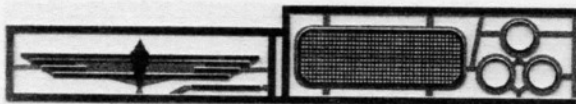
Foden front wheel trims.
2-part etchings.....£1.80



Foden kite badge.....£1.20



Ribbed skirt-top trim for BET saloons (eg Yorkshire Traction, Sunderland District).
4 strips of approx 90mm£3.50 plus 95p p&p



**Burlingham front
"wings"** (separate
vertical strip)£1.80

**BET plain
rectangle grille**
(rounded
corners)....£1.80

**Head/fog
lamp
bezels (3)**
.....£1.80

3.5mm (1:87 or H0) SCALE ITEMS.



**Replacement grille for
Lledo Bristol LD....**£1.50



**Centre pillar for rear platform
window of Lledo Bristol LD**
.....£1.50