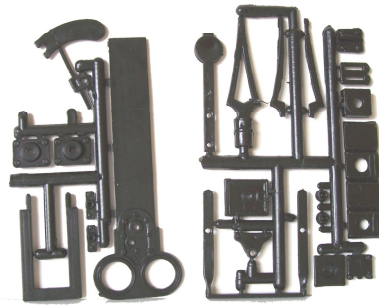




### SIGNAL PARTS

**NS1 Signal Ladder £1.50**  
Approx. 200mm long — Can be joined to make a longer ladder.

**NS2 Signal Parts £4.25**  
Arm & back blind, lamp & bracket, finial, balance arm and mounting plate, platform support & handrail etc. Based on L & B "Evans & O'Donnell" type, with instructions. Includes spectacle material. Lamp can be fitted with L1 LED.

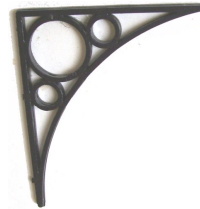


### Assembled & Painted Single Arm Signal £30

Height of post to choice (within reason!). Uses NS1 & NS2 as above.

### NS3 Brackets for junction signals £1.65

To support cross bar, with 3 rings in the angle. Could also be used for wall-mounted gas lamps or platform canopy supports (Crediton station had this type of bracket). 2 brackets per pack.



### FIGURES

Figures can be filled with Exterior Polyfilla to give a weightier 'feel'. There is provision for including 2mm pins in the feet of standing figures while painting & locating in position.

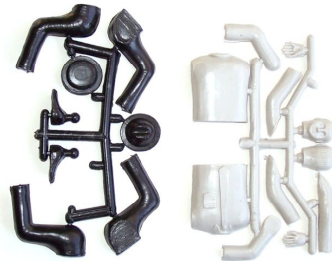
### NF1 Male Standing Passenger - unpainted £2.30

The Trilby hat can be fitted to make into a "railway" cap. Supplied as two "halves" (front & back).



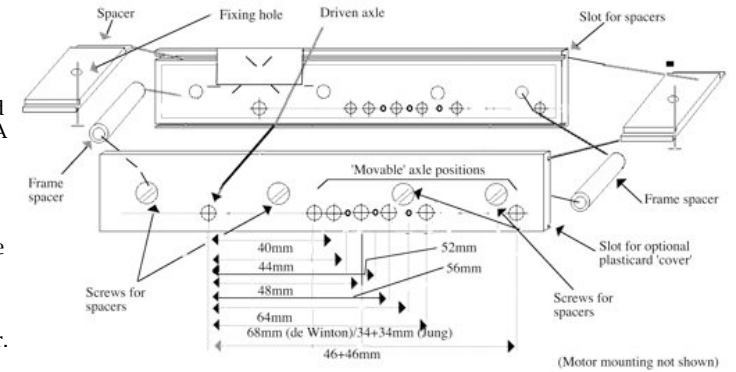
### NF3 Seated male £3.30

with poseable arms, hands, shoes and head. Two separate hats and spare arm. Easily modified, & ideal for filling coaches



### 0-4-0/0-6-0 Loco Chassis £6.70

2 plastic side frames, motor mounting plate, 2 adjustable pieces for body fixing, & 3 metal spacers with screws. 6 brass bearings for 1/8" axles are included. The motor (not supplied) can be fixed in one of 3 positions (1 vertical, 2 angled). The chassis will take a low cost can motor (CA2/15/17), and CA1/3 gears. The non-powered axle positions provide various wheelbases for a variety of common steam and diesel prototypes. A plasticard overlay of the shape suitable for the chosen prototype, can be added to the sides, behind the wheels. Requires wheels/axles (1/8" dia.), gears & motor. 4 x 2mm bearings can be supplied instead, on request.



DIMENSIONS: frames - 140mm x 20mm (can be shortened to suit loco)

### Chassis Accessories

#### CA1 40 : 1 Brass Gear & Steel Worm Set £4.00

For 2mm motor shaft and 1/8" axle

#### CA2 3 volt Motor £1.60

12mm x 2mm shaft, body: L 30.5mm, D 24.1mm

#### CA3 30 : 1 Brass Gear & Steel Worm Set £4.00

2mm motor shaft 1/8" axle

#### CA8 1/8" Axle Washers £1.00

Three thicknesses per pack

#### CA9 Two plastic 16:1 worm & gear sets 75p

For 2mm shafts - gear can be carefully drilled out for 1/8" axles)

#### CA13 Set of 4 brass bearings — 2mm bore £1.25

Approx. 4mm outside diameter

#### CA14 Two plastic 30:1 gear sets (as CA9) 75p

#### CA16 Two plastic 42:1 gear sets (as CA9) 75p

For wheels at least 24mm dia.

#### CA15 Round Motor £1.25

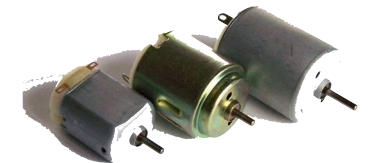
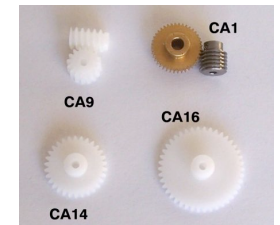
10mm x 2mm shaft, body: L 25mm, D 21mm. Could be fitted horizontally in our chassis.

#### CA17 Medium size 3volt Motor £1.25

8.6mm x 2mm shaft, body: L 26.9mm, D 23.8mm

#### CA18 Small flat-sided 3volt Motor £1.00

9.4 x 2mm shaft, body: L 25mm, D 20mm, W 15.1mm



**NA7 Rivet Heads £1.50**

Approx. 230. Even more fun to fit than NA5!  
1 - 5mm dia. Not suitable for hot surfaces.  
(Two mouldings per pack)

**NA11 Centre Buffer Coupling £2.60**

Pair of buffers with metal hook. Requires chain.

**NA12 Coach / Wagon Buffers £3.30**

Set of four sprung buffers. Based on Talylyn type.

**NA13 Handrail Knobs £1.50**

12 per pack. 8 with hole right through,  
& 4 with half depth hole for ends

**NA14 Loco Headlight £2.00**

Large light based on L & B type. With 9mm  
dia. lens. Can be lit with L1/L10 LED.

**NA15 Coach Door Vents £1.05**

Set of four over-door vents, based on GVT  
type.

**NA16 Radiator £1.05**

Simplex type. 2 required for free-standing  
radiator.

**NA17 Louvres £1.50**

For detailing diesels locos. etc. Two each of:  
8 louvres x 18mm; 8 louvres x 12mm; 12  
louvres x 8 - 5mm

Pre-spaced, fit in position with solvent & cut  
from sprue when set.

**NA18 Plastic Box £1.15**

Open top box — use for a quick “tub” wagon body —  
decorate with plastic strip & NA7 Rivets. 75mm  
long  
x 50mm wide & 35mm high.

**NA19 Plastic Box £1.50**

Larger size: 100mm long x 60mm wide & 25mm  
high.

**NA20 Radiator — Ford “A” type £1.05**

Use on railbuses e.g. Irish or Sandy River.

**NA21 Detailing parts for Simplex locos £3.65**

Brake wheel, handle & supporting frame;  
4 sandboxes, chequer plate for driver’s footplate;  
gearbox end detail, starter handle guide,  
clutch pedal and bracket for silencer.

**NA23 Radiator Panel 95p**

Flat Panel for Locos or larger railcars, 48mm h x 29mm w.

**NA24 Diesel Horns £1.05**

One each of 20mm long & 25mm long (supplied as “halves”)

**NA25 Pressed-type Loco Seat £1.05**

As used on small diesel locos, 20mm wide x 19mm deep.

**NA29 Headlight £1.75**

Suitable for railcars and diesel locos. Approx. 12mm dia. at front. Includes clear “lens”. As fitted to Sandy River Track Autos. (Picture on next page top right)

**L18 8mm White LED 80p**

High brightness diffused type

**E12 Amber lens/mount for L9 LED 60p**

For “orange” flashing warning light for diesel locos  
etc. Visible part of lens is 6.3mm dia. x 5mm high, fits into hole through body.

**E13 Red lens/mount for L2 LED 60p**

Visible part of lens is 6.3mm dia. x approx. 1mm high,  
fits into hole through body.

**E14 Clear lens/mount for L1/L3/L10 LED 60p**

Visible part of lens is 6.3mm dia. x approx.  
1mm high, fits into hole through body

**E16 Mounting Block for 5mm LEDs 65p**

Pack of 2 grey plastic blocks approx. 7mm cube with slots for LED lead

**CONNECTORS, WIRE, ETC.****E1 12 way connector strip 95p**

Can be cut to give number of connections required

**E5 Plug & socket (low voltages only) £1.90**

Socket has internal switch which can be used  
for “On-board” charging. Also use to interconnect coach lighting to one battery

**E7 10m Pack of Single Core Wire £1.00**

2 metres each of 5 different colours (1A rating)

**E8 10m Pack of Multi-strand Wire £1.00**

2 metres each of 5 different colours (1A rating) — flexible

**E9 Twin flexible cable (2.5 Amp) 60p**

— cut to length — price per metre

Use E7/ 8 / 9 for loco/coach/building wiring (low voltage only- up to 12volts). E9 cable is only for short runs, intended for connecting several buildings to a single battery nearby for lighting, etc., not down the garden from the garage. If in doubt give the intended use when ordering.

**E17 Battery connector 75p**

PP3 type with 150mm leads, e.g. for E3 & E15

**E27 2.5mm plug & Socket — (low voltage only) 90p**

Lower priced connector. Not suitable for use as a charging socket.

**SWITCHES****E4 Toggle Switch - 2 way/centre off £1.85**

For reversing loco motors (with wiring diagram)

**E10 On/Off Toggle Switch (single pole) £1.15****E21 Two-way Slide Switch 50p**

Small type suitable for switching coach lighting

**E22 Two-way Slide Switch 60p**

Larger type suitable for locos etc.

**E23 Two-way Slide Switch/centre off 60p**

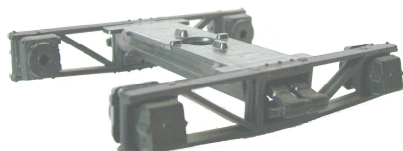
Use for loco reversing/off switch

## BOGIES

Sold in pairs for one wagon/coach — with frames, stretchers, bolsters & pivot bolts. Can also be used for 45mm gauge using plasticard to lengthen stretchers.

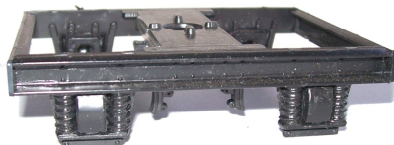
### NB1 Lynton & Barnstaple 4' wb Freight Bogies £4.75

As fitted to most L & B bogie wagons. Requires 24mm wheels & bearings such as Brandbright RSA 31/0Sor 30/0 and bearings e.g. RSA28B, to complete. Note that the frame spacing is reduced by 6mm to avoid clearance problems & to allow the stretchers to be used for other bogies. (L & B bogies were wider than usual for 2ft. gauge)



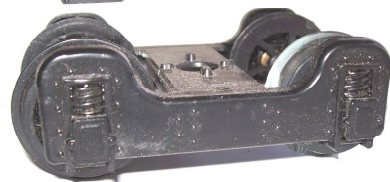
### NB2 Lynton & Barnstaple 3' wb Freight Bogies 4.75

Smaller wheelbase bogies as fitted to wagon No.28312 (as drawn by Mike King). Requires wheels & bearings as for NB1. Can also be made up without bearings. Smaller wheels could be fitted to make a pair of 4 wheel wagons, or even used for a bogie diesel loco.



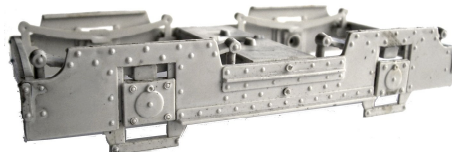
### NB3 "Fox" Pressed Steel Bogies - 3' 3" wb £5.35

As fitted to Victoria Railways Narrow Gauge stock. Similar bogies were fitted to the Leek & Manifold open wagons and transporters. See SMT No.66 November '93. Requires wheels & bearings as NB1. Can also be made up without bearings.



### NB4 L & B Passenger Bogies - 4' 4"wb £6.70

Distinctive bogies as fitted to L & B coaches. Requires 24mm wheels and CA13 bearings to complete. The axleboxes have working plastic springs. (Will take 2kg. per bogie)



### NB5 Rye & Camber Coach Bogies £5.35

Channel framed bogies fitted to the R & C coaches. Could also be used for wagon chassis. 20mm wheels required.



## AXLEGUARDS

### NA1 Talyllyn Railway Axleguards £2.00

Set of four. As used on various TR wagons.

From drawings/ photos in Sept '65 MRN. Pin or glue in place.

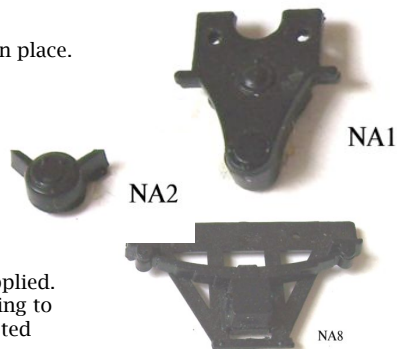
### NA2 "Record" Wagon Axleboxes £1.30

Set of four. As fitted to tipper wagons. From a drawing in MRN p306 1961.

Can be fitted direct to plastic solebars, or to a rectangle of plasticard & pinned to wooden ones. Can also be drilled through for inside bearings.

### NA8 W & L Type Wagon Axleguards £2.60

Set of 4 based on W & L wagons. Use Brandbright RSA28B bearings or plastic bearings supplied. Separate springs & axleboxes give a degree of springing to the axles. With some extra work, the springs could fitted behind the "W" irons, which NG stock sometimes had.



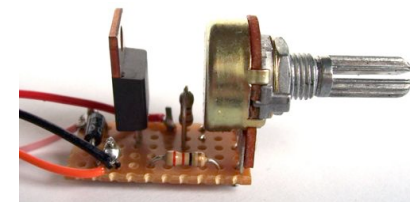
## Electronic Speed Controls:

(assembled & tested, or in kit form)

### TYPE 1: for 3 volt motors

Assembled — £10.80, Kit of parts — £6.10

PP3 type connector (for E3 battery holder) and wiring diagram. Size 35mm x 25mm x 18mm approx.



### TYPE 2: for 4.5 - 12 volt motors

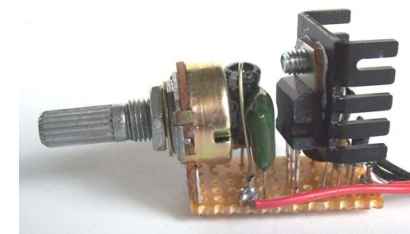
Assembled — £11.55, Kit of parts — £6.70

Max current 1200ma (such as supplied by "domestic" rechargeable C cells). Size 40mm x 35mm x 22mm approx.

### TYPE 3: for 12volt "gel" cells

Assembled — £12.15, Kit of parts — £7.30

(e.g. Yuasa). Max current 1200ma. Size 40mm x 35mm x 22mm approx



### TYPE 4: for 12volt "gel" cells

Assembled — £13.35, Kit of parts — £8.10

(e.g. Yuasa). Max. current 3A. Size 40mm x 35mm x 22mm approx

(Types 3 & 4 are also more likely to be suitable for 7.2 volt "racing packs")

Note: under NO circumstances should these speed controllers be fitted into a locomotive which has a "live" metal chassis (connected to one side of the motor winding). This is more likely on locomotives built originally for current collection from the rails.

Shorting could occur following a derailment etc., which could cause overheating of the controller or the battery. In the most serious case, this might lead to an electrical fire.

Other items that may appear:  
station canopy valance.

Suggestions for additions to our range are always welcome