00 Gauge OHLE Product Guide & Assembly Instructions









Overhead Line Equipment v11

v1	1
νт	ч

OHLE PRODUCT GUIDE - OO Gauge

Product Details:	SET E1 - Mono-Boom Anchor Portal SERIES 1	Page	3	
	SET E2 - SERIES 1 Twin Track Cantilever		4	
	SET E3 - SERIES 1 Single Insulated Cantilever		5	
	SET E4 - SERIES 2 Two Track Cantilever		6	
	SET E5 - OHLE Accessories		3 -	19
	SET E6 - 1500v DC I-Beam Type Structures		7 - 8	8
	SET E7 - 1500v DC Lattice Framework Structures		9 -	10
	SET E8 - 1500v DC A-Frame Type Structures		11	
	SET E13 - Southern Region 750v DC Overhead		12	
	SET E16 - Mk1 25kV OHLE		13	
			20	22

Guides:

Mast Spacing Page 20 - 22 **Magnet Fitting** 23 - 24 **Assembly Guides** 25 - 43 OHLE Structure (Incl. Bases)



Choose Registration Arms



Add extra Detail



Mono-Boom Anchor Portal (Adjustable Span up to 4 tracks) with Magnetic Bases



SET E1-2 Structure Extension Kit (if you want to span more than 4 tracks)



SET E1-3 / E1-4

Registration Arms (Left/Right) (for use without wires)

or



SET E1-5 / E1-6 Magnetic Registration Arms (Left/Right) (for use with Peco Wires)



SET E1-8 Additional Magnetic Base Kit



APC Magnets



SET E5-4 Red Bonds



SET E5-8 Insulators



Track Impedance Unit

SET E5-9

LWR Expansion Joints



SET E1-7 Wire Tensioners



SET E5-5 Pantograph Inspection Equipment



Overhead Line Equipment v11

Select Mast (incl. Base)







Choose Registration Arms



SET E2-9 / E2-10

Registration Arms (Left/Right) (for use without wires)

or



SET E2-12 / E2-13

Magnetic Registration Arms (Left/Right) (for use with Peco Wires)



Add extra Detail



SET E2-6 Additional Magnetic Base Kit



APC Magnets



Red Bonds



Insulators



Track Impedance Unit



LWR Expansion Joints



& Conductor Wire Mount



SET E2-8

Future

Release

Transformer

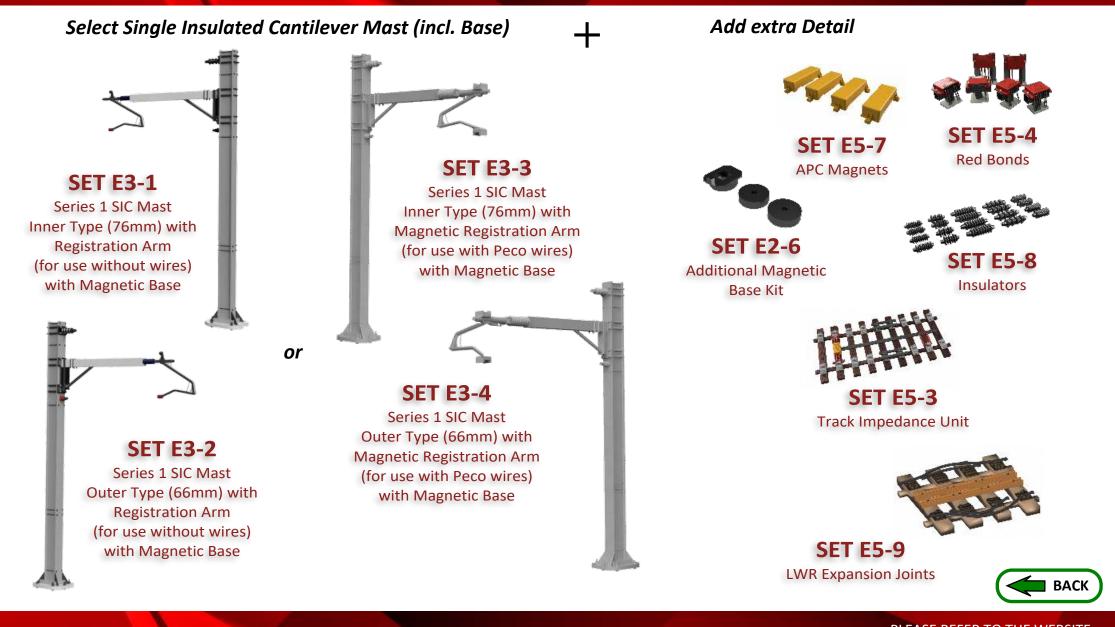
SET E5-5 Pantograph Inspection Equipment



SERIES 1 Twin Track Cantilever

SET E2

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS





Series 2 OHLE Mast 100mm Arm with Magnetic Base





with Magnetic Base

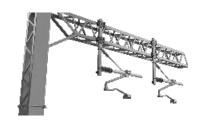
Choose Registration Arms



SET E4-4 / E4-5

Registration Arms (Left/Right) (for use without wires)

or



SET E4-6 / E4-7

Magnetic Registration Arms (Left/Right) (for use with Peco Wires)



Add extra Detail



Additional Magnetic Base Kit



SET E5-7 APC Magnets



SET E5-4 Red Bonds



SET E5-3 Track Impedance Unit



Insulators



SET E5-9 LWR Expansion Joints





Future Release

SET E5-6

Mast with Transformer



Pantograph Inspection Equipment



SERIES 2 Two Track Cantilever

SET E4

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS

SET E6-1

I-Beam Masts for 2-Track 170mm Span with Magnetic Bases

SET E6-2

I-Beam Tall Masts for 2 Track 130mm Span with Magnetic Bases 拳

SET E6-3

I-Beam Platform Masts for 2- Track 170mm Span with Magnetic Bases

SET E6-4

DC I-Beam Viaduct Masts with Magnetic Bases

SET E6-5

I-Beam Top Braced Masts for 4-Track 230mm Span with Magnetic Bases

Release **SET E6-6**

Future

I-Beam Supported Masts (3) for 2+2 Track 170mm Spans with Magnetic Bases

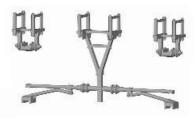
Registration Arms



SET E6-11

Single Magnetic Registration Arms (2) & 2 Catenary Wire Supports (for use with Peco wires)

or



SET E6-10

30 & 60mm Span Beams Extension piece (Use with E6 SETS)

SET E6-12

Double Magnetic Registration Arm & 2 Catenary Wire Supports (for use with Peco wires)

SET E5-8 Insulators

Additional Parts



SET E4-9

Additional Magnetic Base Kit

SET E6-13

Additional Viaduct Mast Magnetic Base Kit (Spares for E6-4)



SET E6-16

Alternative Span Beams for 145mm Viaducts (use with SET E6-4)



SET E6-17

Single Track Alternative Span Beams

(Use with SETS E6-1, E6-2, E6-3 & E6-5)



1500v DC OHLE (I-Beam Type)

SET E6

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS

Select Cantilever Mast kit (Incl. Bases)





Registration Arms



NOTE

Sets E6-7 and E6-8 are each supplied with a Magnetic type **Registration Arm**



Additional Parts

SET E5-8 Insulators

SET E6-15

I-Beam Wire Mounted Registration Arms & Tall Catenary Wire Support Set Magnetic Type - for kit E6-9 (for use with Peco Wires)







Select Mast kit (Incl. Bases) **SET E7-01 Lattice Slim Type Masts** for 2-Track 130mm Span with Magnetic Bases **SET E7-03**

SET E7-02 Lattice Type Masts

for 4-Track 230mm Span

with Magnetic Bases

SET E7-05

Lattice Type Masts

for Platforms 190mm Span

with Magnetic Bases

Lattice Type Double Mast with 2 Single Cantilever Spans

with Magnetic Base



Lattice Type Double Sided Mast for Platforms with Magnetic Base

Registration Arms

SET E7-10

Single Magnetic Registration Arms (2) & 2 Catenary Wire Supports (for use with Peco wires)



or



SET E7-11 Double Magnetic Registration Arm & 2 Catenary Wire Supports (for use with Peco wires)

SET E4-9 Additional Magnetic

Base Kit

Additional Parts



Insulators



SET E7-12

Lattice Type Additional 2-Track & Cantilever Spans



SET E7-16

Lattice Type 100mm Extension Span



1500v DC OHLE (Lattice Type)

SET E7

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS



Lattice Type Masts 2-Track 130mm Span for Wire Supported Registration Arms with Magnetic Bases

Registration Arms



SET E7-17

Single Magnetic Wire Supported Registration Arms (2) & 2 Catenary Wire Supports for fitting to kit E7-4 (for use with Peco wires)





Additional Magnetic Base Kit



SET E7-12

Lattice Type Additional 2-Track & Cantilever Spans





100mm Extension Span

Lattice Type 45mm Extension Spans

SET E7-18





SET E8-01 A-Frame Type Masts

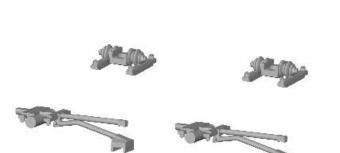
with Magnetic Bases



Registration Arms



Additional Parts



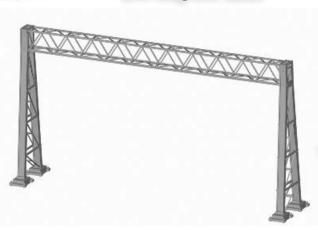




A-Frame Type Masts for 4-Track 230mm Span with Magnetic Bases



Single Magnetic Registration Arms (2) & 2 Catenary Wire Supports (for use with Peco wires)



SET E8-03

A-Frame Type Masts Taller Type for 3-Track 180mm Span with Magnetic Bases









Additional Parts





SET E13-01

Southern Region 750 DC Type Masts 3 x Cantilever Structures with Magnetic Bases





SET E16-1

Type A Slope Top Masts for 2-Track 130mm Span with Magnetic Bases

SET E16-2 Type A Slope Top Masts for 4-Track 230mm Span with Magnetic Bases

SET E16-3

Type A Platform Slope Top Masts for 2-Track 190mm Span Future with Magnetic Bases Release



Registration Arms



SET E16-6

Type A Magnetic Registration Arms (2) & Catenary Wire Supports (2) (for use with Peco wires)



SET E16-7

Type A Return Current Wire Supports Set of 6, 2 single, 2 double, 2 side

Additional Parts



SET E4-9

Additional Magnetic Base Kit







SET E16-8

100mm Extension Span For Type A Structures (Also fits Type B, C and E Structures)



SET E5-7 APC Magnets



Red Bonds



PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS



SET E16-12

Type B Lattice Masts

for 4-Track 230mm Span with Magnetic Bases

SET E16-13

SET E16-11

Type B Lattice Masts for 2-Track 130mm Span with Magnetic Bases

Registration Arms



SET E16-6

Type A Magnetic Registration Arms (2) & Catenary Wire Supports (2) (for use with Peco wires)



SET E16-7

Type A Return Current Wire Supports Set of 6, 2 single, 2 double, 2 side

Additional Parts



SET E4-9

Additional Magnetic Base Kit



SET E16-8

100mm Extension Span For Type B Structures (Also fits Type A, C and E Structures)



SET E5-5

Pantograph Inspection Equipment



SET E5-3

Track Impedance Unit



Type B Platform Lattice Masts for 2-Track 190mm Span Future with Magnetic Bases

Release

SET E16 - B

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS



Registration Arms



Additional Parts



Type C Tall Masts for 2-Track 130mm Span with Magnetic Bases

> **Future** Releases

SET E16-22

Type C Tall Masts for 4-Track 230mm Span with Magnetic Bases





SET E16-26

Type C Magnetic Combined Registration Arms & Catenary Wire Supports (2) (for use with Peco wires)



SET E16-7

Type A Return Current Wire Supports Set of 6, 2 single, 2 double, 2 side







SET E16-8

100mm Extension Span For Type C Structures (Also fits Type A, B and E Structures)



LWR Expansion Joints

SET E5-7 APC Magnets



SET E16 - C

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS

WEST HILL WAGON WORKS

Overhead Line Equipment v11

Select Mast kit (incl. Bases)



SET E16-31

Type D Low Masts for 2-Track 130mm Span with Magnetic Bases

Future



Registration Arms



Additional Parts



SET E4-9

Additional Magnetic Base Kit



SET E16-36

& Catenary Wire Supports (2)



Type D Magnetic Registration Arms (2) (for use with Peco wires)



SET E5-3

Track Impedance Unit



SET E16-32

for 4-Track 230mm Span with Magnetic Bases

Type D Low Masts *Release*



Double Sided Mast with Magnetic Base



SET E16-37

Type D Return Current Wire Supports Set of 6, 2 single, 2 double, 2 side





SET E16 - D

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS



Registration Arms



Additional Parts



SET E16-51

Type E Viaduct Masts for 110mm Width with Magnetic Bases



SET E16-56

Type E Magnetic Double Registration Arm & Catenary Wire Supports (2) (for use with Peco wires)



SET E6-13

Additional Viaduct Mast Magnetic Base Kit (2) (Spares for E16-51 / 52)







with Magnetic Bases

SET E16-6

Type A Magnetic Registration Arms (2) & Catenary Wire Supports (2) (for use with Peco wires)



SET E16-8

100mm Extension Span For Type E Structures (Also fits Type A, B and C Structures)



Type A Return Current Wire Supports Set of 6, 2 single, 2 double, 2 side



Mk1 OHLE (Type E - for Viaducts)

SET E16 - E

PLEASE REFER TO THE WEBSITE FOR FULL PRODUCT DETAILS



Registration Arms



Type F Magnetic Registration Arms (4) & Wire Anchors (8) (for use with Peco wires)

Additional Parts







Registration Arms



Additional Parts



SET E16-71

Type G I-Beam Masts for 2-Track 170mm Span with Magnetic Bases





SET E16-76

Type G Magnetic Registration Arms (2) & Catenary Wire Supports (2) (for use with Peco wires)







100mm Extension Spans (2) for Type G Structures



Regarding the spacing of OHLE masts along your track; the real railway mast spacing can be vary between about 20metres and 70metres which equates to 260 to 920mm in OO Gauge.

In general mast spacing is likely to be closer together at junctions and on sharper curves.

The Peco wires are available in the following lengths 200mm, 260mm, 340mm, 380mm and 500mm, so if you are fitting wires then it makes sense to space your masts to suit the Peco wire lengths.

Mast Spacer Tools are available



Mast Spacer Tool Set

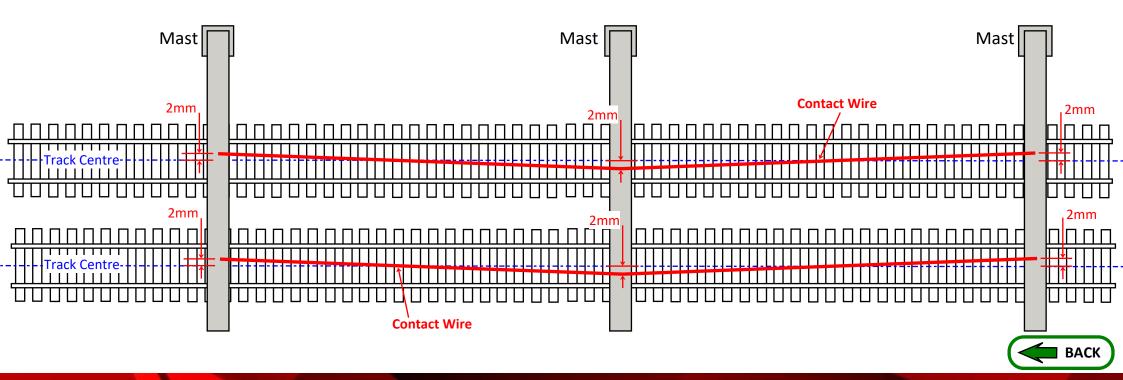
(Includes 200, 260, 300 and 360mm Spacers)



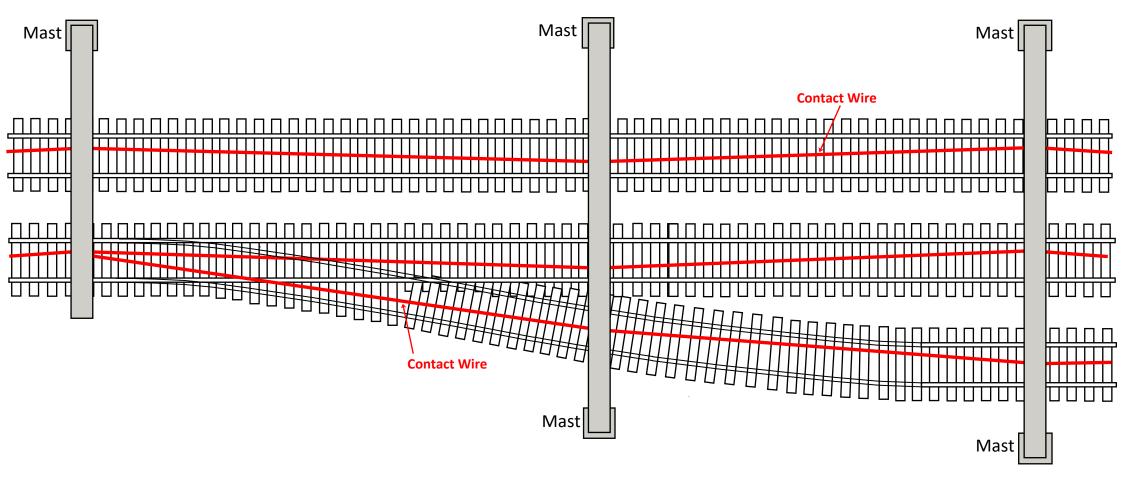
Overhead Line Equipment v11

OHLE Wire Stagger

On the real railway the contact wire is staggered so that the current collection pantograph on the train wears evenly. When installing the registration arms they should be positioned such that the contact wire has a stagger of 2mm either side of the track centre line when looking from above.



OHLE at Junctions





Fitting the Magnets to the Masts and Mast Bases



1 Mast, 2 Magnets, 1 Base 2 Spacers



Apply a little glue into the hole in the bottom of the Mast



Glue one magnet into the Mast



The Base can be attached on to your layout using glue, a screw or a track pin. Add spacers to raise base height if desired



Attach the base to the desired location on top of the board beside the track. Ensure there is enough clearance for trains to pass



Apply glue to the hole in the base; only in the hole not on the top face of the base



Put the second magnet onto the first one that you glued into the Mast



Stand the Mast in position on the base and allow the glue to dry



Check the two magnets are securely glued in place by carefully lifting the Mast



Fitting the Magnets to the Registration Arms



Magnetic Registration Arm & Catenary Wire Support Kits are supplied with Magnets + a couple of spares Magnets



Use fine pointed metal tweezers to hold the magnet. Use a cocktail stick to apply a very small spot of glue into the cup in the Registration Arm or Catenary Wire Support



Carefully align the magnet with the cup and gently squeeze into place until the magnet is fully home



Attach the registration Arms and Catenary Wire Supports to the Mast Structures as shown in the respective section of this guide

Magnetic Registration Arms and Catenary Wire Support kits are intended for use with Peco type OHLE wires



Assembly of SET E1 - Mono-Boom Anchor Portal (E1-1, E1-2, E1-3, E1-4, E1-5, E1-6)

Fit the span sections together as shown, secure with a little glue.

Ensure the span sections are aligned and straight.

Span extension sections are fitted in the same manner

Fit the magnets to Magnetic Type Registration Arms / **Catenary Wire Supports** as per the respective section of this guide Fit the magnets to Fit the support to the Bases and each Mast. Masts as per the The round bases may

be fitted onto your

layout to sit under

the support ends

respective section of this guide

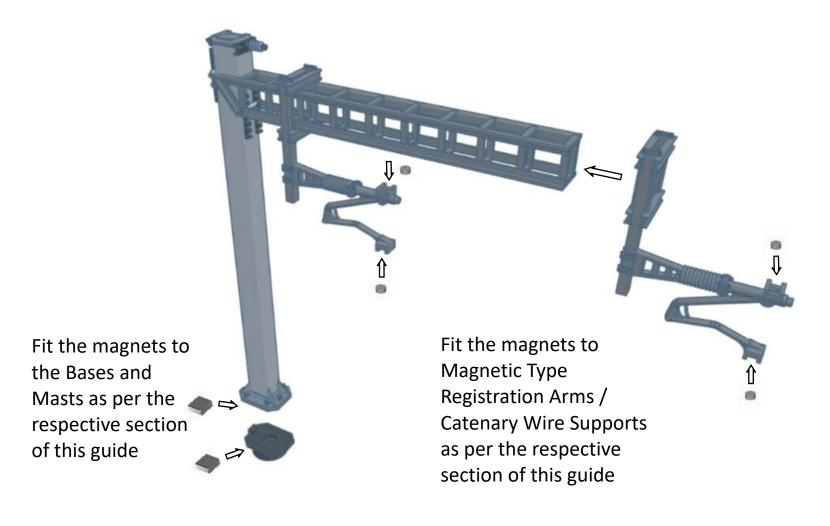
Fit the Masts into the outer span sections as shown, secure with a little glue.

Ensure the Masts are vertical

Once the structure is positioned on the layout, slide the Registration Arms / **Catenary Wire Supports** onto the Structure. A small spot of glue may be required to hold them in place



Assembly of SET E2 - Series 1 Cantilever (E2-1, E2-2, E2-5, E2-9, E2-10, E2-12, E2-13)



Once the structure is positioned on the layout, slide the Registration Arms / Catenary Wire Supports onto the Mast. A small spot of glue may be required to hold them in place



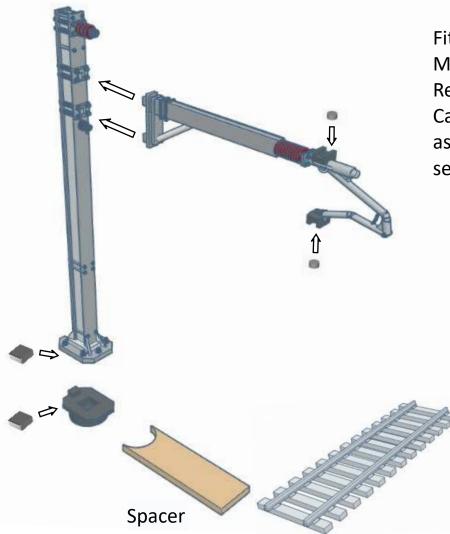
Assembly of SET E3 - Series 1 SIC Masts (E3-1, E3-2, E3-3, E3-4)

Fit the Cantilever part to the Mast as shown; this is a push-fit.

A very small spot glue can be used if desired.

Ensure the Cantilever is aligned with the Mast

> Fit the magnets to the Bases and Masts as per the respective section of this guide

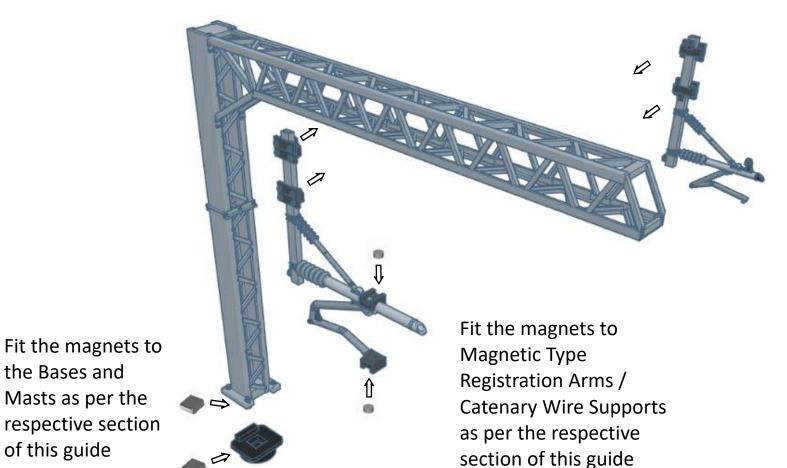


Fit the magnets to Magnetic Type Registration Arms / **Catenary Wire Supports** as per the respective section of this guide

> The spacer tool provided can be used to ensure the mast is the correct distance away from the track



Assembly of SET E4 - Series 2 Cantilever (E4-1, E4-2, E4-3, E4-4, E4-5, E4-6, E4-7)



Once the structure is positioned on the layout, clip the Registration Arms / Catenary Wire Supports onto the side of the Mast. A small spot of glue may be required to hold them in place.

the Bases and Masts as per the respective section of this guide



per the respective

section of this guide

Assembly of SET E6 - 1500vDC I-Beam Masts (E6-1, E6-2, E6-3, E6-5 & E6-6)

Slide the Registration Arms and Catenary Wire Supports onto the I-Beam before Masts are a push-fit into the I-Beams, although a little glue will help keep the structure sturdy Fit the magnets to the Registration Arms and **Catenary Wire Supports** as per the respective section of this guide Fit the magnets to the Bases and Masts as

> Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *

Once the structure is positioned on the layout, slide the Registration **Arms and Catenary Wire** Supports to the correct location along the I-Beam, then apply a small spot of glue to hold in place.

assembling the structure



Assembly of SET E6-4 - 1500vDC I-Beam Viaduct Masts E6-4)

Masts are a push-fit into the I-Beam, although a little glue will help keep the structure sturdy

Fit the magnets to the Bases and Masts as per the respective section of this guide

Note, for the Viaduct E6-4 Masts and Bases the Magnets sit vertical as shown (not flat)

Fit the magnets to the Registration Arms and **Catenary Wire Supports** as per the respective section of this guide Once the magnets are fitted to the Bases, these can be glued

Wire Supports onto the I-Beam before assembling the structure

Slide the Registration Arms and Catenary

Once the structure is positioned on the layout, slide the Registration **Arms and Catenary Wire** Supports to the correct location along the I-Beam, then apply a small spot of glue to hold in place.

Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *

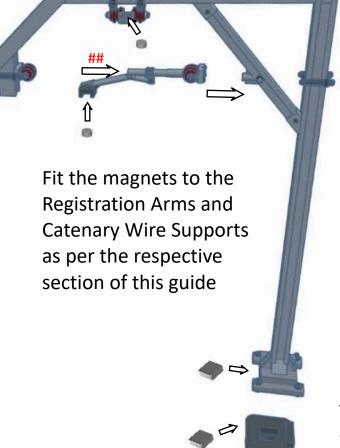


to the side of your Viaduct

Assembly of SET E6-7 / E6-8 - 1500vDC I-Beam Single Track Cantilever Masts

40mm (approx) x 0.5mm wire rod

For added detail a straight piece of 0.5mm solid wire cut to 40mm long may be fitted through the hole in the free end of the Mast (#) and into the hole in the Registration Arm (##)

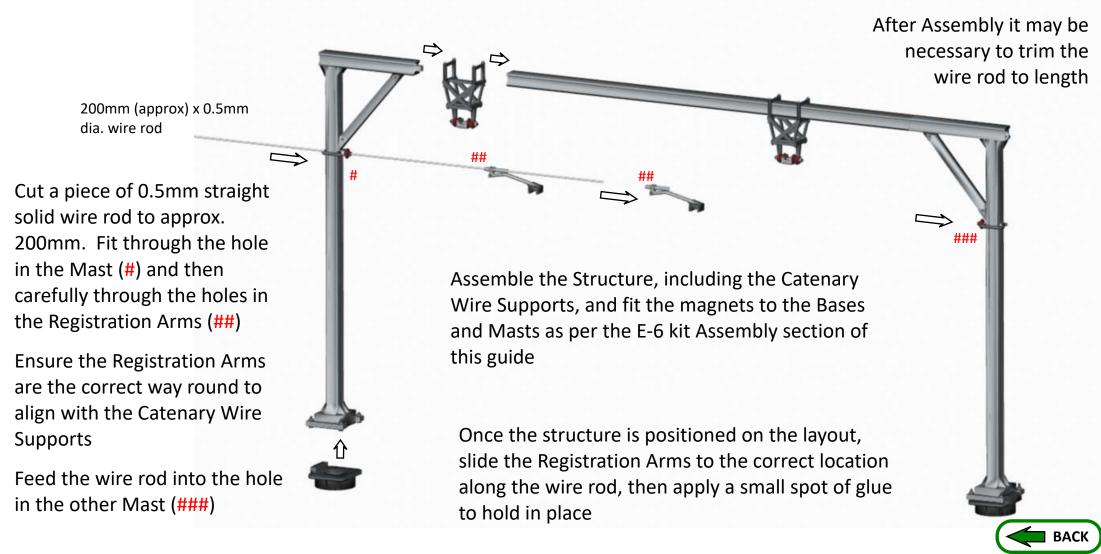


Once the magnet is fitted to the Registration Arm glue the Registration Arm to the Mast as shown, ensure the Registration Arm is the correct way up with the magnet pointing downwards

Fit the magnet to the Base and Mast as per the respective section of this guide



Assembly of SET E6-9 - 1500vDC I-Beam Mast kit for Wire Mounted Reg. Arms

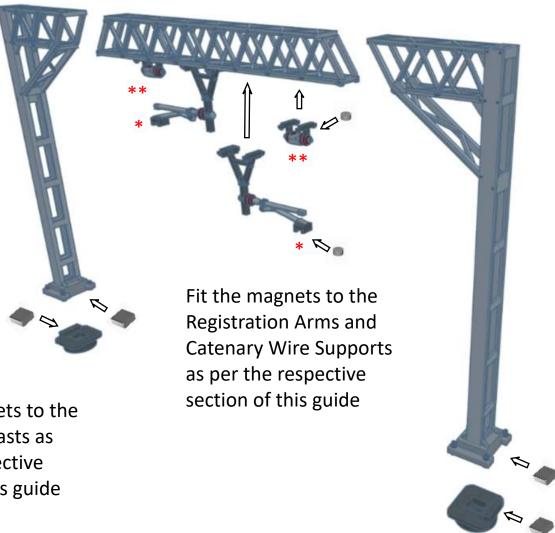


Assembly of SET E7 - 1500vDC Lattice Type Masts (E7-1, E7-2 & E7-3)

The Span has small lugs that slot into each Mast, a little glue is required to keep the structure sturdy.

Ensure the Masts are vertical and the top of the Span aligns with the top of the Masts before the glue sets

> Fit the magnets to the Bases and Masts as per the respective section of this guide

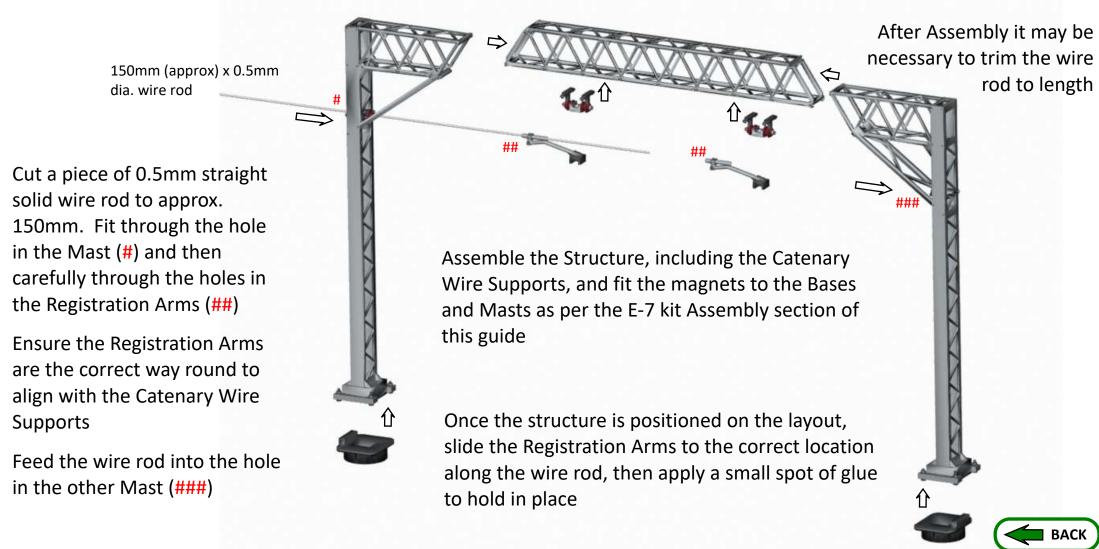


Once the structure is positioned on the layout, attach the Registration Arms and the Catenary Wire Supports to the underside of the Span at the correct location along the Span with a small spot of glue to hold them in place

Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *



Assembly of SET E7-4 - 1500vDC Lattice Type Masts for Wire Mounted Reg. Arms

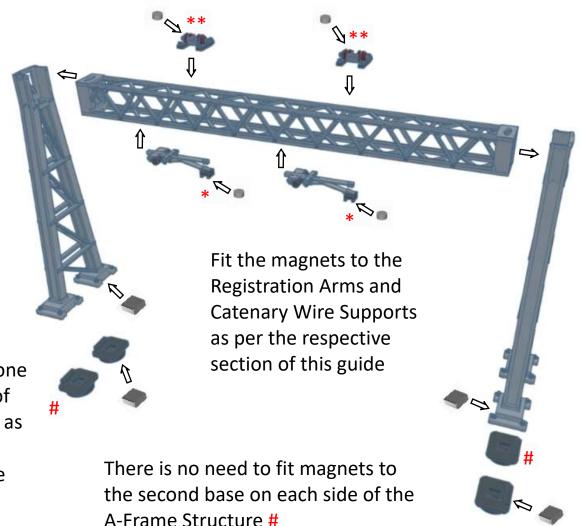


Assembly of SET E8 - 1500vDC A-Frame Masts (E8-1, E8-2, E8-3)

The Span slots into each Mast, a little glue is required to keep the structure sturdy.

Ensure the Masts are vertical before the glue sets

Fit the magnets to one Base and one side of each A-Frame Mast as per the respective section of this guide



Once the structure is positioned on the layout, attach the Registration Arms below the Span, and the Catenary Wire Supports above the Span at the correct location along the Span with a small spot of glue to hold them in place

Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *



Assembly of SET E13 - Southern Region 750v DC Single Cantilever Masts (E13-1)

Assemble the three parts of the mast and arm as shown. Ensure the bottom of the mast is at right angles to the arm.

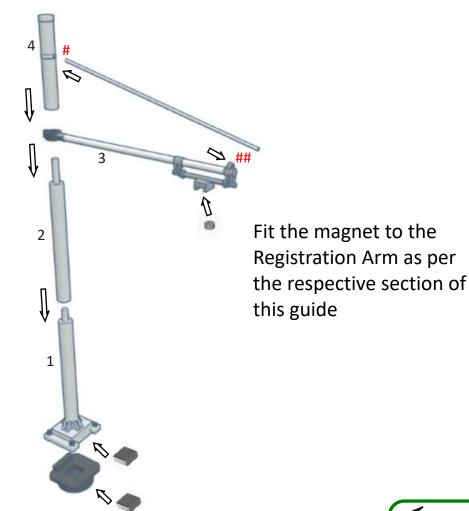
Secure parts together with a very small spot of glue.

Cut a piece of 0.5mm straight solid wire rod to exactly 57mm.

Fit one end into the hole in the Mast (#) and then carefully clip the other end into the hole in the top/end of the Registration Arm (##)

Ensure the Mast and Arm are at right angles and secure the wire rod with a very small spot of glue at each end.

> Fit the magnet to the Base and Mast as per the respective section of this guide



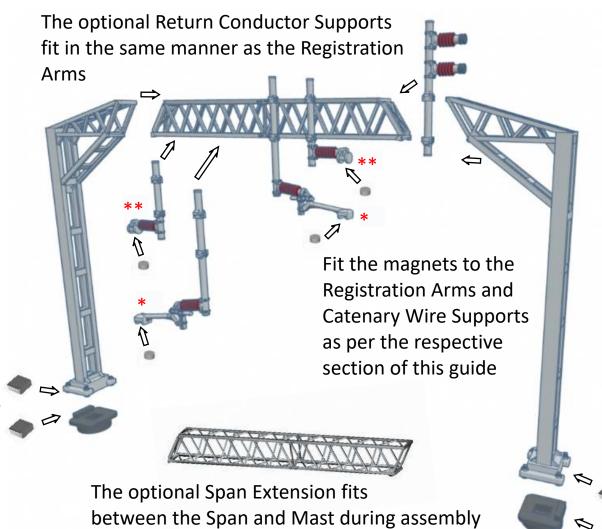


Assembly of SET E16 Type A - Slope Tope Mast (E16-1, E16-2, E16-6, E16-7 & E16-8)

The Span has small lugs that slot into each Mast, a little glue is required to keep the structure sturdy.

Ensure the Masts are vertical and the top of the Span aligns with the top of the Masts before the glue sets

Fit the magnets to the Bases and Masts as per the respective section of this guide



Once the structure is positioned on the layout, attach the Registration Arms and the Catenary Wire Supports to the side of the Span at the correct location along the Span with a small spot of glue to hold them in place on the side of the span

Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *

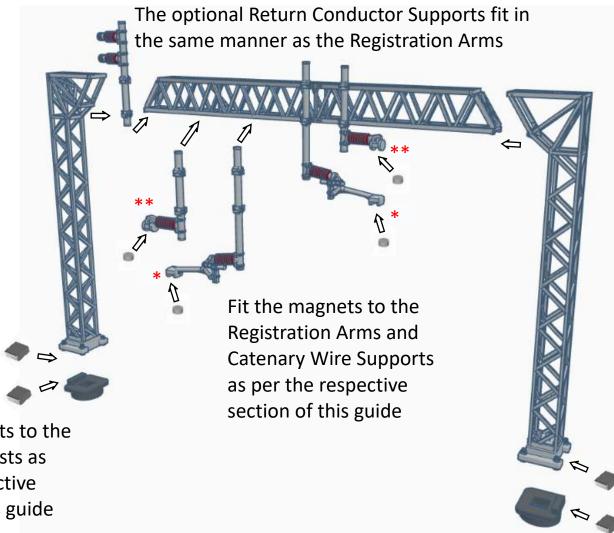


Assembly of SET E16 Type B - Lattice Masts (E16-11, E16-12, E16-6, E16-7, E16-8)

The Span has small lugs that slot into each Mast, a little glue is required to keep the structure sturdy.

Ensure the Masts are vertical and the top of the Span aligns with the top of the Masts before the glue sets

> Fit the magnets to the Bases and Masts as per the respective section of this guide



Once the structure is positioned on the layout, attach the Registration Arms and the Catenary Wire Supports to the side of the Span at the correct location along the Span with a small spot of glue to hold them in place on the side of the span

> Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *

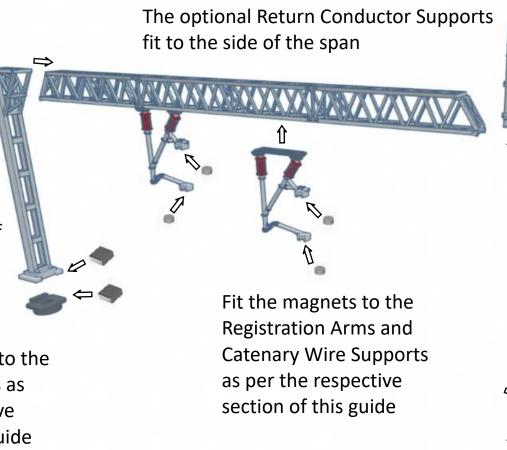


Assembly of SET E16 Type C - Tall Mast Structure (E16-23, E16-24, E16-26, E6-8)

The Span has small lugs that slot into each Mast, a little glue is required to keep the structure sturdy.

Ensure the Masts are vertical and the top of the Span aligns with the top of the Masts before the glue sets

> Fit the magnets to the Bases and Masts as per the respective section of this guide



The optional Return **Conductor Side** Mounted Supports fit to the side of the Mast, normally quite

Once the structure is positioned on the layout, attach the Registration Arms and the Catenary Wire Supports to the underside of the Span at the correct location along the Span with a small spot of glue to hold them in place on the underside of the span



Assembly of SET E16 Type D - Low Structure (E16-31, E16-33, E16-34, E16-36, E16-37)

The Span has small lugs that slot into each Mast, a little glue is required to keep the structure sturdy.

Ensure the Masts are vertical and the top of the Span aligns with the top of the Masts before the glue sets

> Fit the magnets to the Bases and Masts as per the respective section of this guide

The optional Return Conductor Supports fit to the side of the span

> Fit the magnets to the Registration Arms and Catenary Wire Supports as per the respective section of this guide

Once the structure is positioned on the layout, attach the Registration Arms to the side of the Span, and the Catenary Wire Supports to the top of the Span at the correct location along the Span with a small spot of glue to hold them in place.

The optional Return Conductor End Mounted Supports fit to the end of the Mast, normally quite high up

> Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *

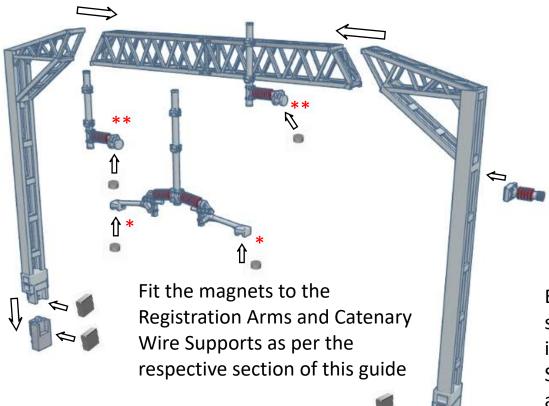


Assembly of SET E16 Type E - Viaduct Structure (E16-51, E16-52, E16-56, E16-8)

The Span has small lugs that slot into each Mast. a little glue is required to keep the structure sturdy. Ensure the Masts are vertical and the top of the Span aligns with the top of the Masts before the glue sets

Fit the magnets to the Bases and Masts as per the respective section of this guide

Note, for the Viaduct Masts and Bases the Magnets sit vertical as shown (not flat)



The optional Return **Conductor Side** Mounted Supports fit to the side of the Mast, normally quite

Ensure the parts are fitted such that the magnet cups in the Catenary Wire Supports ** are directly above the magnet cups in the Registration Arms *



Once the magnets are fitted to

the Bases, these can be glued

to the side of your Viaduct

Assembly of SET E16 Type F - Anchor Portal (E16-61, E16-62, E16-66, E16-67)

The two Span sections slot together then into each Mast, a little glue is required to keep the structure sturdy.

Fnsure the 'V' frame at the Span ends matches the Mast 'V frame and ensure the Masts are vertical before the glue sets

Fit the magnets to one Base and one side of each A-Frame Mast as per the respective section of this guide

Optional Span Extension fits between two Span parts during assembly \ Fit the magnets to the Registration Arms and Wire Anchors as per the respective section of this guide

> There is no need to fit magnets to the second base on each side of the A-Frame Structure #

For Line End Structures, Wire Anchors are used in place of the Reg Arms for the contact wire as well as for the Catenary Wire ##

Ensure the parts are fitted such that the magnet cups in the Wire Anchors ** are directly above the magnet cups in the

Registration Arms *

Once the structure is positioned on the layout, attach the Registration Arms to the side of the Span, and the Wire Anchors slot onto the Span at the correct location along the Span with a small spot of glue to hold them in place



Assembly of SET E16 Type G - I-Beam Structure (E16-71, E16-76, E16-77)

Masts are a push-fit into the I-Beams, although a little glue will help keep the structure sturdy Fit the magnets to the Registration Arms and **Catenary Wire Supports** as per the respective section of this guide Fit the magnets to the Bases and Masts as per the respective The optional Span Extension fits section of this guide between the Sp an and Mast during assembly

Once the structure is positioned on the layout, attach the Registration Arms and the Catenary Wire Supports to the underside of the Span at the correct location along the Span with a small spot of glue to hold them in place on the underside of the span

