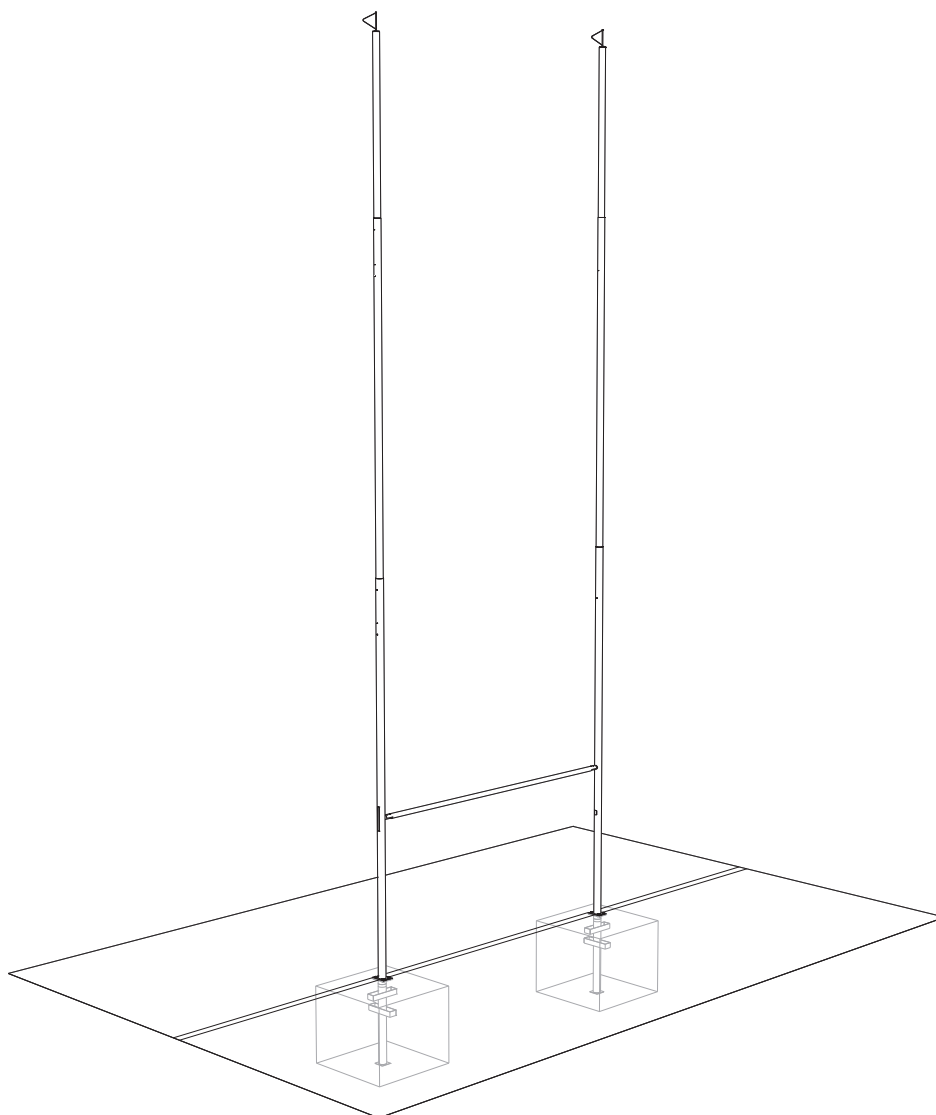


RUG-020/021

# Millennium Rugby Posts

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Minimum 3 people required for the assembly of this product  
Estimated 120 minutes assembly time (excluding concrete)



**IMPORTANT:** Please read these operating instructions carefully before assembling your Rugby Posts









## Safety Notes

1. A risk assessment must be carried out prior to the erection of the Hinged Rugby and Rugby Adaptors
2. Always use mechanical assistance if the Risk Assessment highlights this requirement
3. Always check fasteners before use and tighten where necessary
4. Periodically apply grease to hinge fixing bolts to prolong the life of the components
5. These post must be taken down in windy conditions

### Millennium Rugby Posts

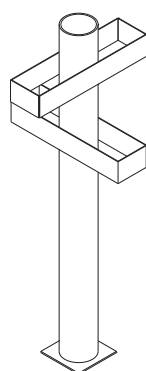
1. Ground Socket
2. Bottom Hinge
3. Top Hinge
4. Socket Spacer
5. Bottom Upright
6. Crossbar
7. Middle Upright [RUG-020 Only]
8. Top Upright
9. Drop In Lids

### Tools Required

-  1x 3mm Allen Key (Supplied)
-  1x 5mm Allen Key (Supplied)
-  1x 6mm Allen Key (Supplied)
-  1x 17mm Spanner
-  2x 19mm Spanner
-  1x 30mm Spanner
-  1x Spirit Level
-  2 x Step Ladder

## Pack Contents

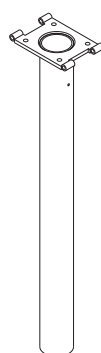
\*parts not to scale  
\*\*code in brackets refers to packed part code



1.

x4

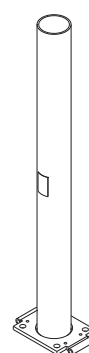
RUG-110



2.

x4

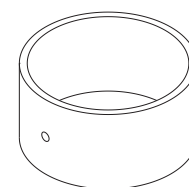
PEQ647 (FEQ647)\*\*



3.

x4

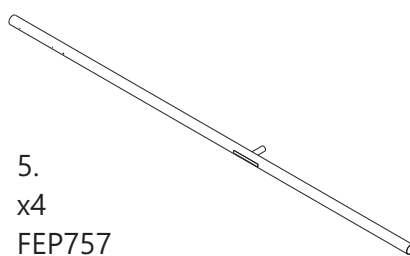
PEQ649 (FEQ649)



4.

x4

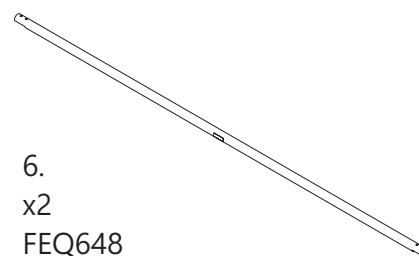
PEP679 (FEP679)



5.

x4

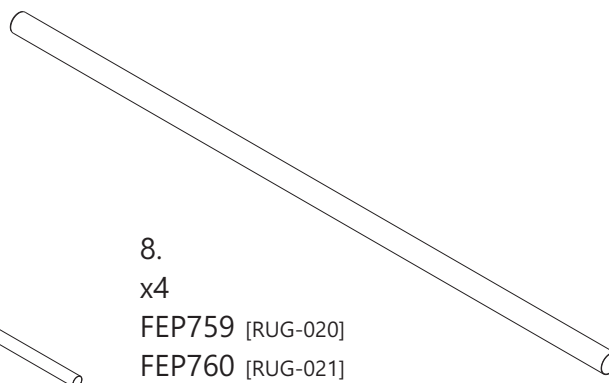
FEP757



6.

x2

FEQ648

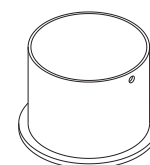


8.

x4

FEP759 [RUG-020]

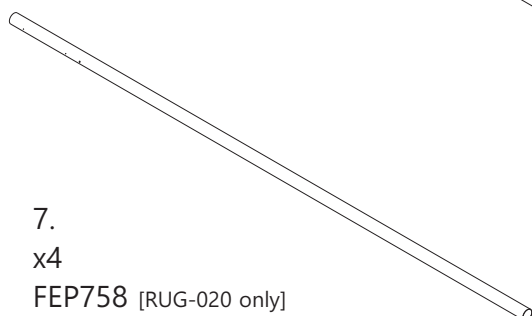
FEP760 [RUG-021]



9.

x4

PEQ722 (RUG-024)



7.

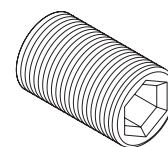
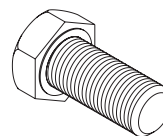
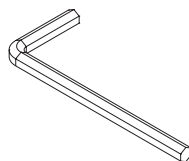
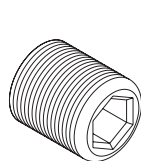
x4

FEP758 [RUG-020 only]

## Fittings Pack Contents

### FPK679: Millennium Spacer Fittings (FEP679)

- A. M10x12mm Grub Screw
- B. 5mm Allen Key



### FPK647: Millennium Hinge Fittings x4 (FEQ647)

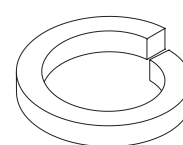
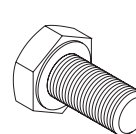
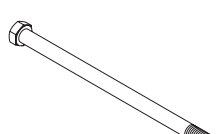
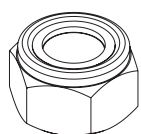
- C. M20x45mm Hex Screw
- D. M12x20mm Grub Screw
- E. M12 Nyloc Nut
- F. M12x220mm Hex Bolt
- G. M10x20mm Hex Screw
- H. M20 Spring Washer
- I. M12 Washer (Form A)
- J. 6mm Allen Key

A.  
x4  
BOL191

B.  
x1  
BOL794

C.  
x16  
BOL055

D.  
x16  
BOL094



E.  
x8  
BOL102

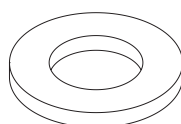
F.  
x8  
BOL108

G.  
x4  
BOL342

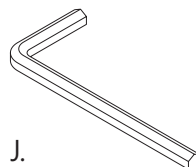
H.  
x16  
BOL700

### FPK715: Millennium Rugby Fittings

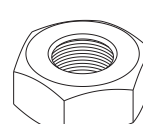
- J. 6mm Allen Key
- K. M10 Hex Nut
- L. M10 Nyloc Nut
- M. M10x30mm C/S Screw
- N. M10 Nord-Lock Washer
- O. M10 Skiffy Washer
- P. M10 Threaded Bar
- Q. Pennant Plate
- R. M10x30mm Hex Screw
- S. Aluminium Pennant
- T. M6x6mm Grub Screw
- U. 3mm Allen Key



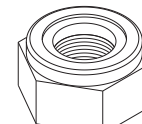
I.  
x24  
BOL732



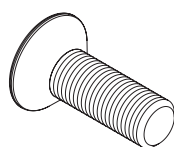
J.  
x5  
BOL791



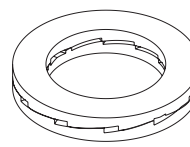
K.  
x4  
BOL200



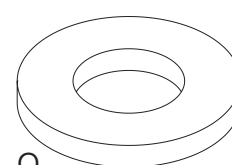
L.  
x4  
BOL202



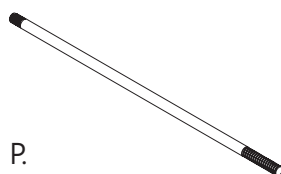
M.  
x8  
BOL334



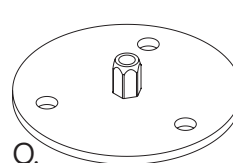
N.  
x16  
BOL714



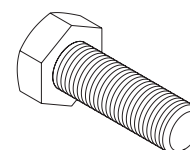
O.  
x8  
BOL721



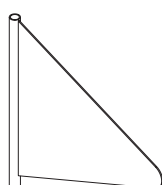
P.  
x4  
SEP832



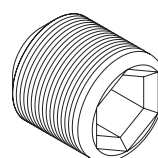
Q.  
x4  
PEP090



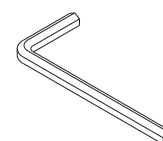
R.  
x12  
BOL331



S.  
x4  
PEQ702




T.  
x16  
BOL675



U.  
x1  
BOL796


\*parts not to scale  
 \*\*code in brackets  
 refers to packed  
 part code

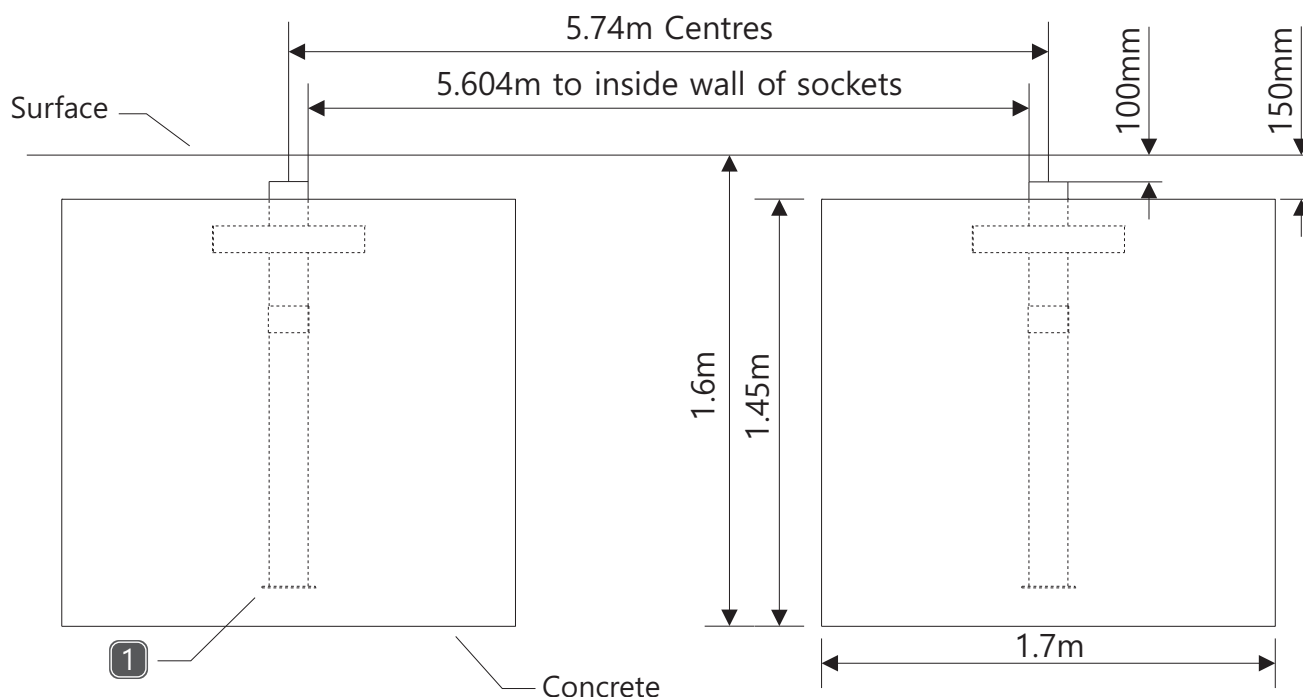
## Socket Installation

 **1** Measure and mark the socket centre positions with centres of 5.74m


**2** Dig holes approximately L1.7xW1.7xD1.6m (note: minimum concrete required 1.7x1.7x1.45m) along the try line with the centres 5.74m apart.

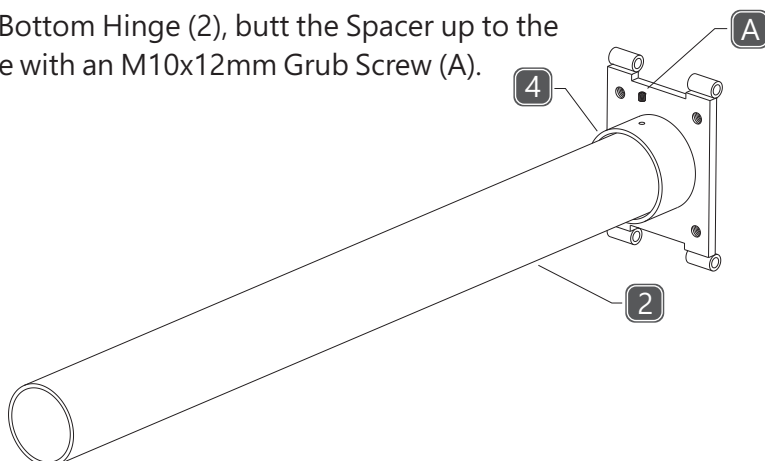
**3** Concrete the Sockets (1) in position with 5.74m centres ensuring that the sockets are vertical by using a spirit level. The top of the socket must sit 100mm below ground level. Leave a gap of 150mm from the top of the concrete to the surface for soil and turf as shown below.


 **4** Continually check that the sockets are vertical while the concrete cures. Allow the concrete to fully cure before initialising assembly of Rugby Posts

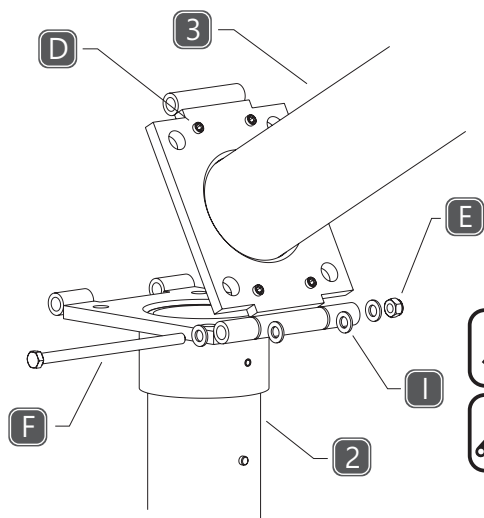
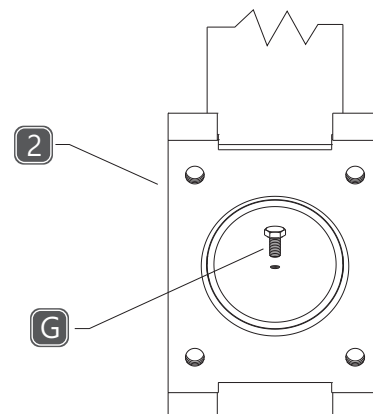



## Assembly Instructions


 **1** Slide the Socket Spacer (4) over the Bottom Hinge (2), butt the Spacer up to the bottom of the hinge plate and secure with an M10x12mm Grub Screw (A). Repeat for all four Bottom Hinges.




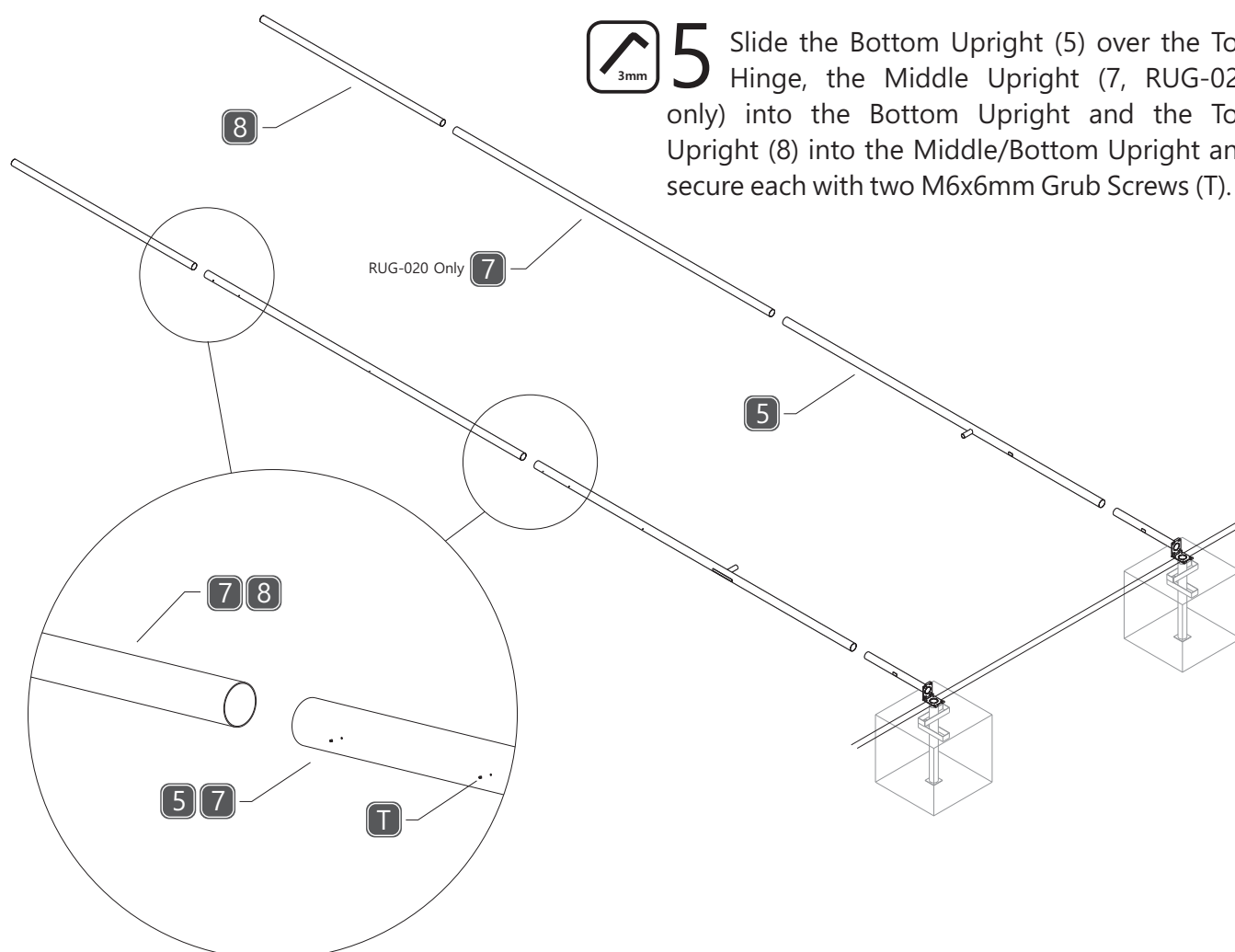
-  **2** Screw an M10x20mm Hex Screw (G) into the Bottom Hinge from the inside. Ensure the bolt does not protrude the outside of the tube too much. Repeat for all four Bottom Hinges.



-  **3** Screw four M12x20mm Grub Screws (D) into the Top Hinge (3), ensuring they do not protrude the bottom of the plate. Connect the Top and Bottom Hinges using an M12x220mm Hex Bolt (F), four M12 Washers (Form A) (I) and an M12 Nyloc Nut (E). Repeat for all four Hinges.

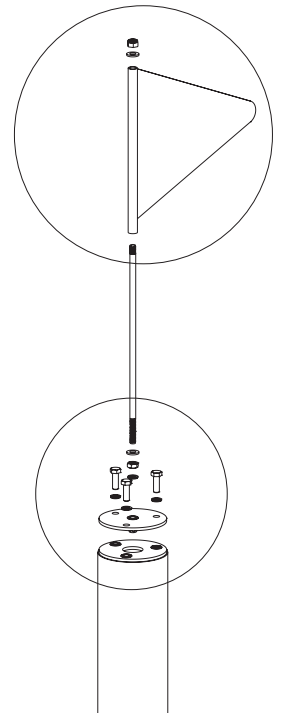
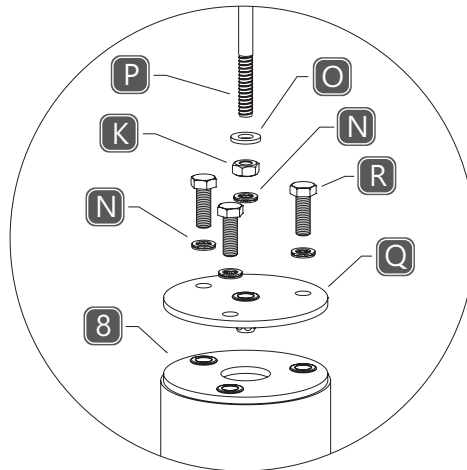
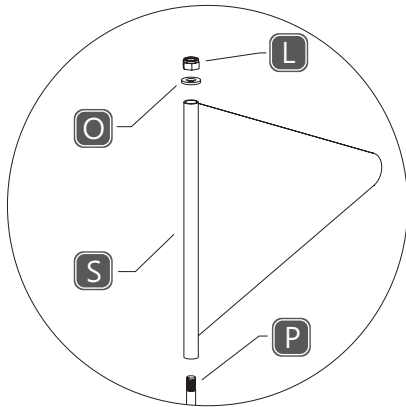
-  **4** Insert the Bottom Hinges into the Sockets, lay the top upright down into the pitch so that it lies perpendicular to the try line. Secure the bottom hinge by tightening the M10x20mm Hex Screw that was inserted in step 2. Lay the Upright components out on the pitch as shown below.

-  **5** Slide the Bottom Upright (5) over the Top Hinge, the Middle Upright (7, RUG-020 only) into the Bottom Upright and the Top Upright (8) into the Middle/Bottom Upright and secure each with two M6x6mm Grub Screws (T).





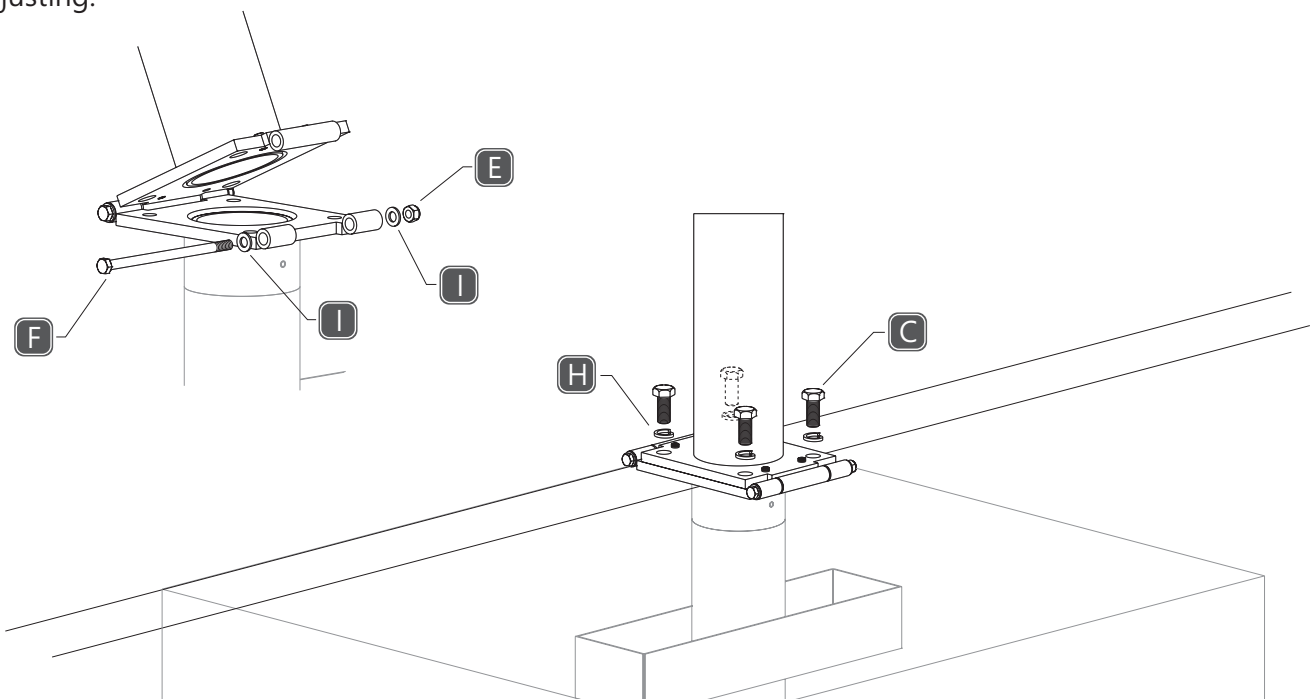
**6** Screw the Pennant Plate (Q) to the Top Upright using three M10x30mm Hex Screws (R) and three M10 Nord Lock Washers (N). Screw an M10 Hex Nut (K) onto the longer of the threads on the M10 Threaded Bar (P). Using an M10 Nord Lock Washer screw the M10 Threaded Bar into the Pennant Plate and lock off using the M10 Hex Nut. With an M10 Skiffy Washer (O) either side, slide the Aluminium Pennant (S) over the M10 Threaded Bar and secure with an M10 Nyloc Nut. Ensure the nut does not prevent the Pennant from spinning in the wind.



**7** To raise the uprights, please refer to the relevant instructions for your lifting device. Once the upright is vertical secure it using another M12x220mm Hex Bolt, two M12 Form A Washers and an M12 Nyloc Nut. Fully secure using four M20x45mm Hex Screws (C) and four M10 Spring Washers (H) per upright.

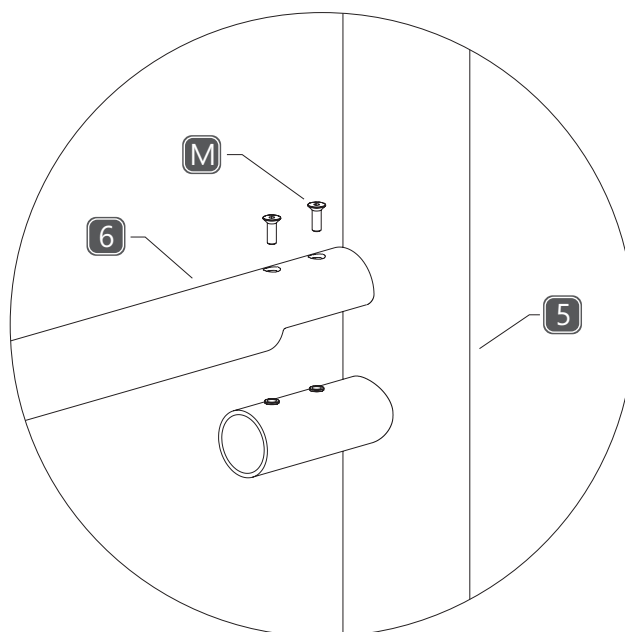
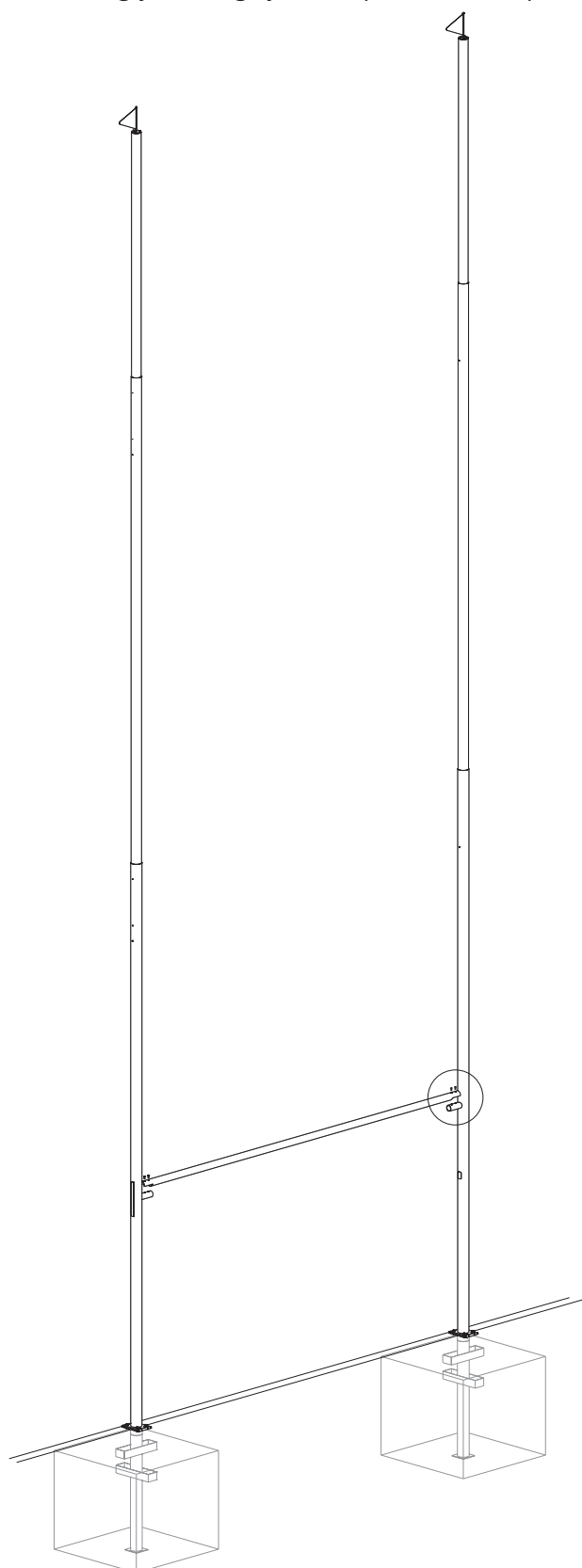


To adjust the lean of the upright, slightly loosen the M20x45mm Hex Screws and tighten the M12x20mm Grub Screws accordingly until the upright is vertical. Ensure the M20x45mm Screws are tightened after adjusting.





**8** Using two stepladders, rest the Crossbar (6) on the spigot of the Bottom Upright. Secure using four M10x30mm C/S Screws (M) per Crossbar. To lower the posts, follow these steps in reverse. Upon dismantling your Rugby Posts, place the Drop in Lids (Q) in the socket and backfill the pitch if necessary.



#### Optional Extras

Please contact your supplier and quote the relevant product codes below;

Hinged Post Assembly Roller	(RUG-002)
3 Point Linkage Rugby Lifter	(LFT-002)
Millennium Rugby Drop in Turf Tray	(RUG-029)
Millennium Rugby Storage Trolley	(RUG-028)