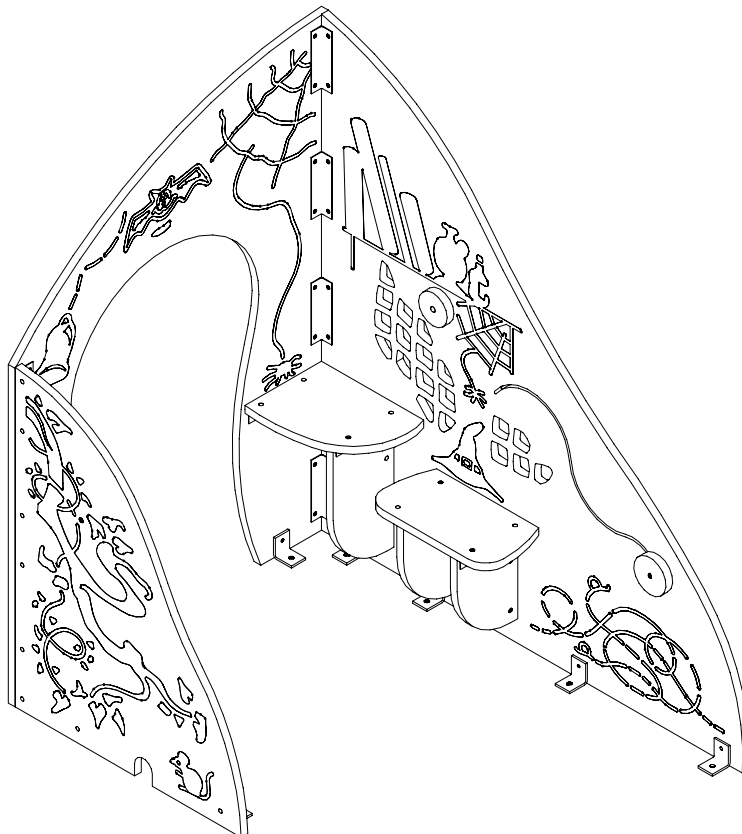




INSTALLATION INSTRUCTIONS

MAGIC CORNER

PYHSE



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1 SPECIFICATIONS

REFERENCE		TYHSE
OVERALL HEIGHT (H)	m	1.25
SEAT No.1 HEIGHT (H1)	m	0.41
SEAT No.2 HEIGHT (H2)	m	0.31
LENGTH (L)	m	1.20
WIDTH (W)	m	0.87
WEIGHT	kg	42.0
HEAVIEST PART	kg	15.2
LARGEST PART LxWxH	m	1.20 x 1.25 x 0.02
CONCRETE	m ³	0.26
MINIMUM SPACE LxWxH	m	4.20 x 3.87 x 2.90
MAX FREEFALL HEIGHT	m	0.41
FALLING SPACE AREA	m ²	13.5
IMPACT AREA (WET POUR)	m ²	2
RUBBER TILES 1m x 1m		2
MANHOURS	hr	3
MANPOWER		2
CONSTRUCTIONAL SPACE	m	3 x 3

NOTE: All dimensions in metres.

Concrete mix is recommended at:
 1 part cement;
 2 parts sand;
 4 parts aggregate;
 by volume with 20mm aggregate
 (20 N/mm² min compressive strength)

Constructional Space (shown in the above table) is the approximate working area required to lay out and assemble the equipment.

This equipment is not suitable for installation with loose fill surfaces, such as sand or bark.

For the safe operation of this equipment it must be installed on horizontal ground with the required minimum space.

Tools: 5m tape measure, Spirit level, M10 Torx tool (Supplied with unit), M6 Torx tool (Supplied with unit), Torque wrench, threadlock adhesive (supplied with unit).

Minimum Personal Protective Equipment: Hard hat, Gloves, Armoured boots, Protective goggles.

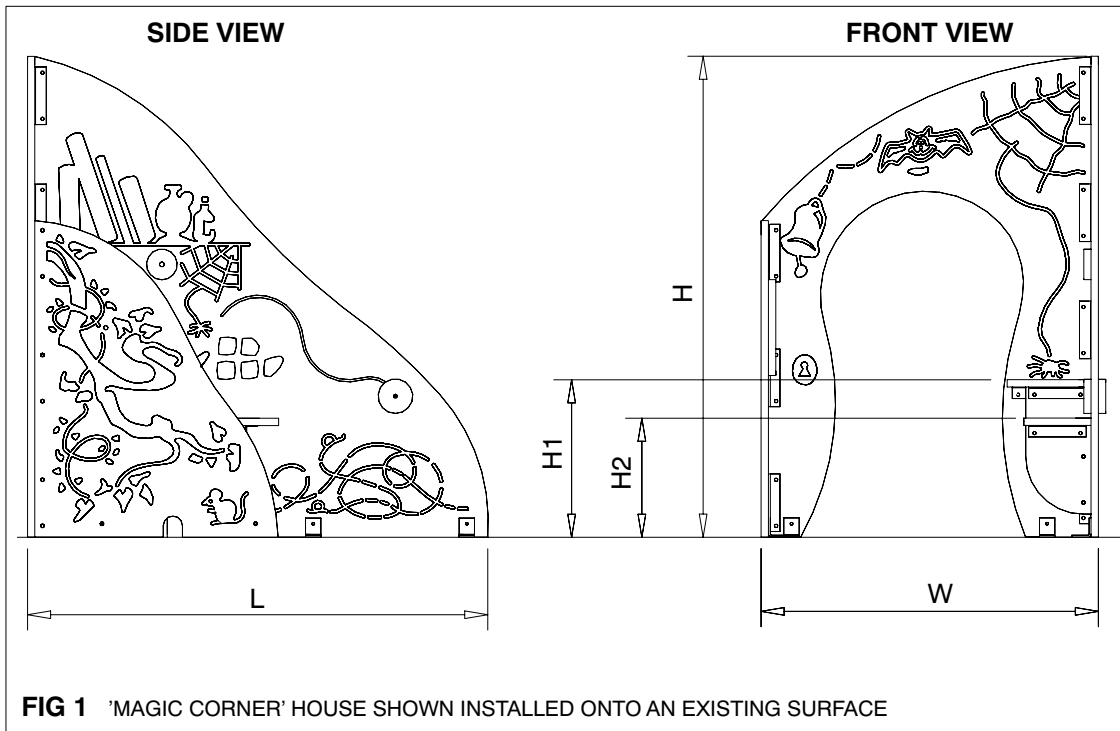


FIG 1 'MAGIC CORNER' HOUSE SHOWN INSTALLED ONTO AN EXISTING SURFACE

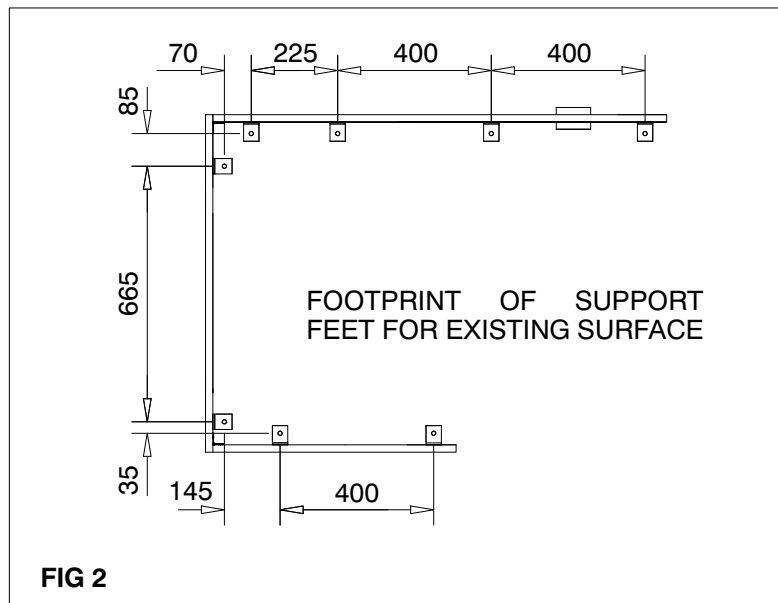
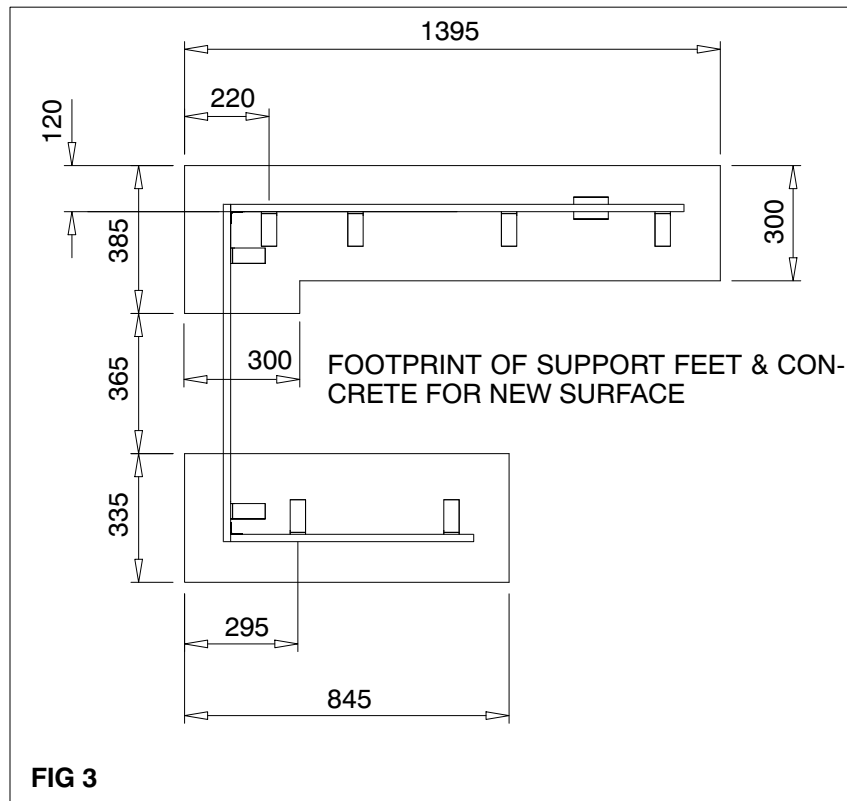
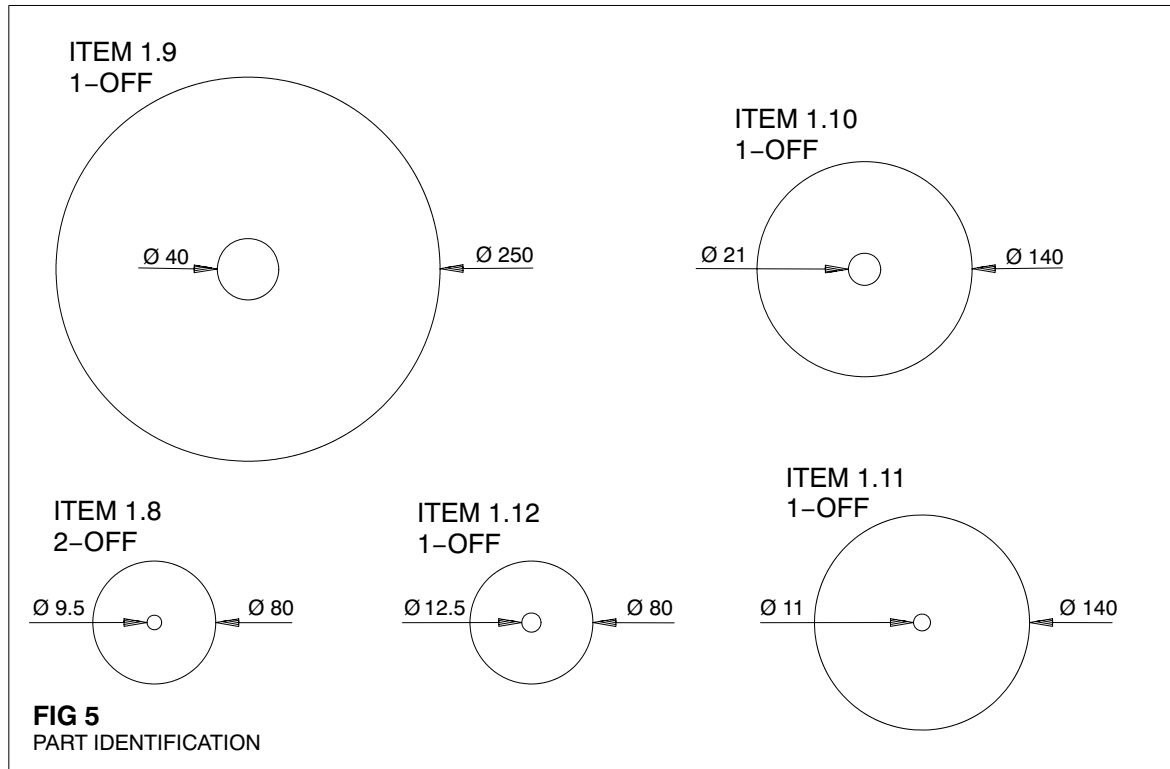
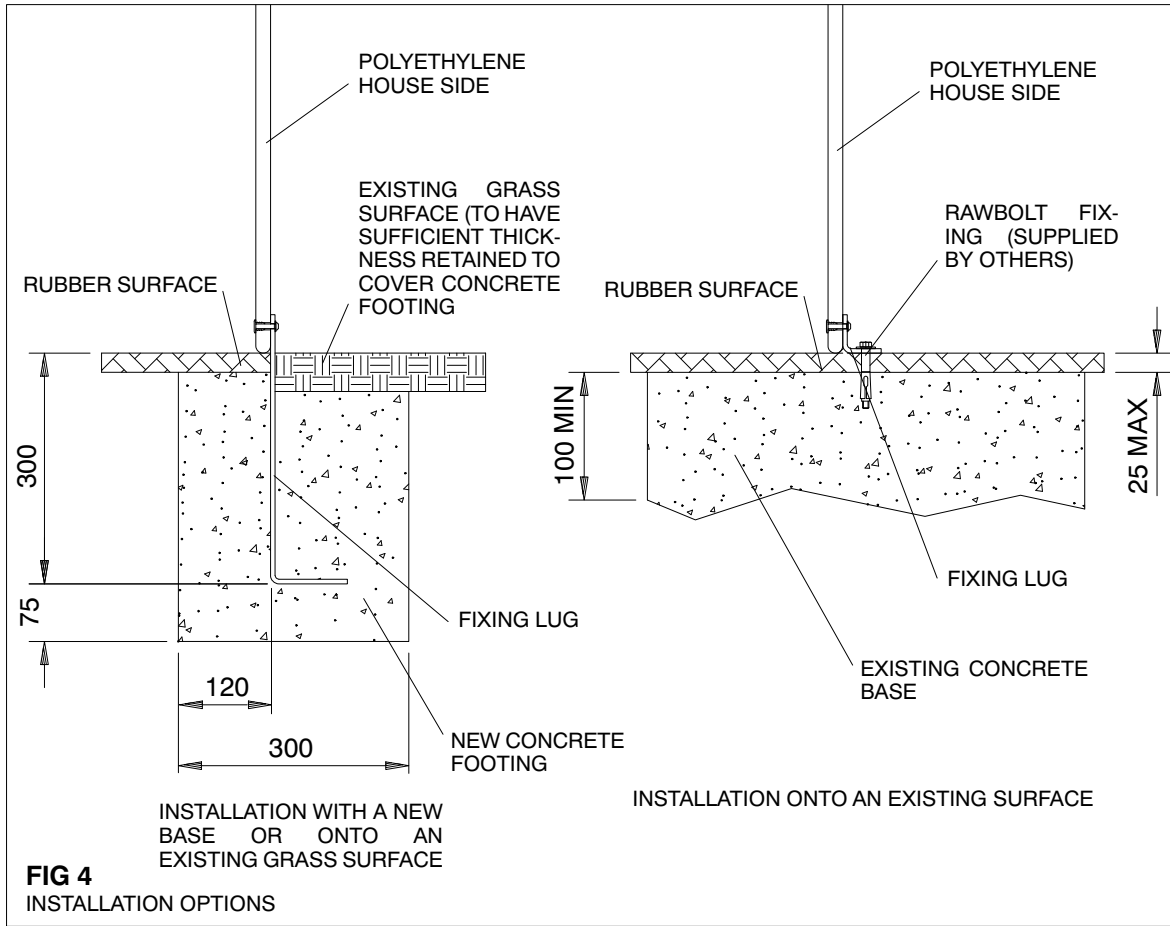


FIG 2



2 PARTS LIST

ITEM	CODE	DESCRIPTION	QTY.	WEIGHT(kg)
1.1	86800021-DET A	HOUSE-LARGE SIDE	1	15.20
1.2	86800021-DET C	HOUSE-SMALL SIDE	1	5.87
1.3	86800021-DET B	HOUSE-FRONT	1	9.06
1.4	86800021-DET D	SEAT-No.1	1	0.99
1.5	86800021-DET E	SEAT-No.2	1	0.97
1.6	86800021-DET F	SEAT SUPPORT-No.1	1	0.89
1.7	86800021-DET G	SEAT SUPPORTS-No.2	2	0.60
1.8	86800021-DET J	PUCK	2	0.20
1.9	86800021-DET H	STEERING WHEEL	1	0.80
1.10	86800021-DET K	SPACER No.1	1	0.36
1.11	86800021-DET L	SPACER No.2	1	0.36
1.12	86800021-DET M	EYEVIEW SPACER	1	0.20
1.13	86810022	STUD - M6	1	0.03
1.14	32606702	EYE VIEWER	1	0.08
1.15	32606703	WASHER-EYE VIEWER	1	0.04
1.16	32606105	SPIGOT-STEERING WHEEL	1	0.05
1.17	72072101	CORNER BRACKET	14	0.13
1.18	86810024	FIXING LUGS-EXISTING SURFACE	8	0.10
1.19	86810023	FIXING LUGS-NEW SURFACE	8	0.50
1.20	10120620	RESISTORX BOLT M6x16	56	0.013
1.21	10290600	WASHER-PLAIN-M6	64	0.001
1.22	10930600	TEE NUT-M6	66	0.018
1.23	10121065	RESISTORX BOLT M10x65	1	0.035
1.24	10291000	WASHER-PLAIN-M10	1	0.002
1.25	10121020	RESISTORX BOLT M6x20	8	0.015
1.26	-	RAWBOLT-M10-EXISTING SURFACE	8	-
-	-	THREADLOCK ADHESIVE	1	-
-	10120600	M6 TORX TOOL	1	-

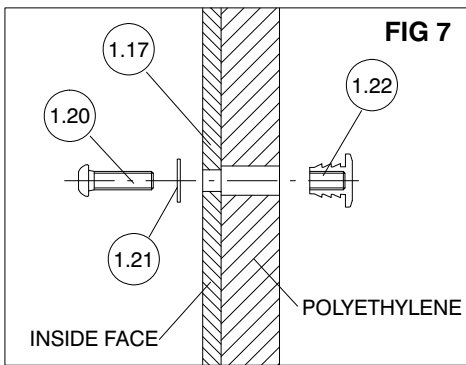


3 INSTALLATION & ASSY PROCEDURES

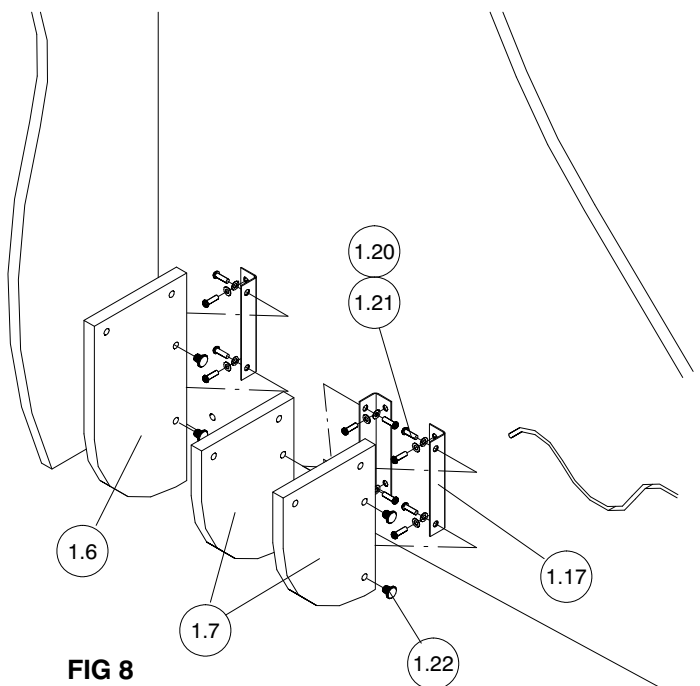
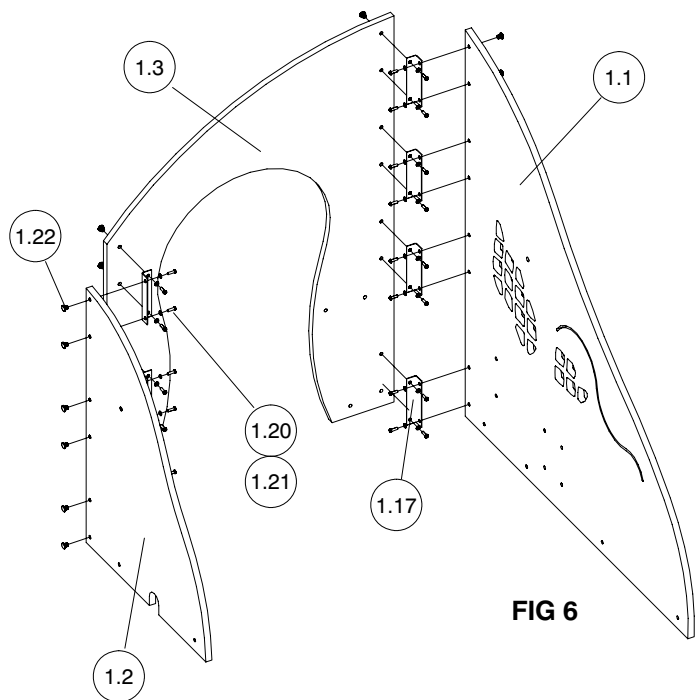
PRE - INSTALLATION INSPECTION

Inspect all parts for damage (that may have occurred during transportation & storage). Finish Coatings, if found to be damaged these should be made good before erection. Any damaged or missing parts must be replaced.

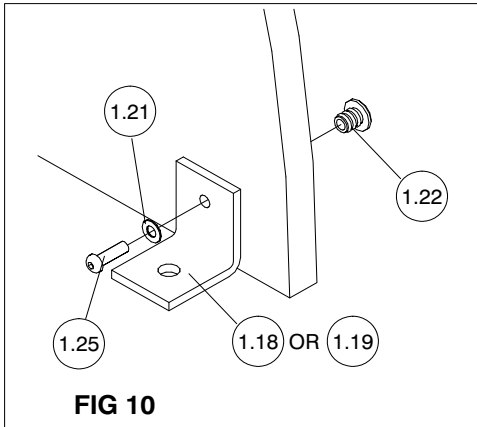
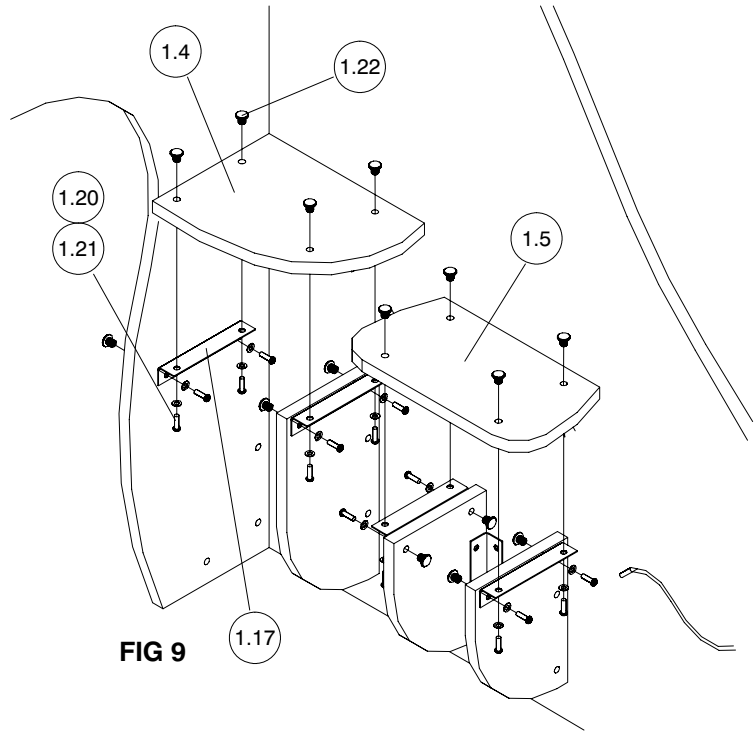
- i) Warn the public of the risk of injury, by placing signs and fencing the surrounding area, before commencing installation.
- ii) Attach the large side assy (1.1) and the small side (1.2) to the front (1.3) using the corner brackets (1.17), M6 x 16 lg Torx bolts (1.20), M6 washers (1.21) and M6 tee-nuts (1.22). Tighten to 3-5Nm (Figs 6 & 7).



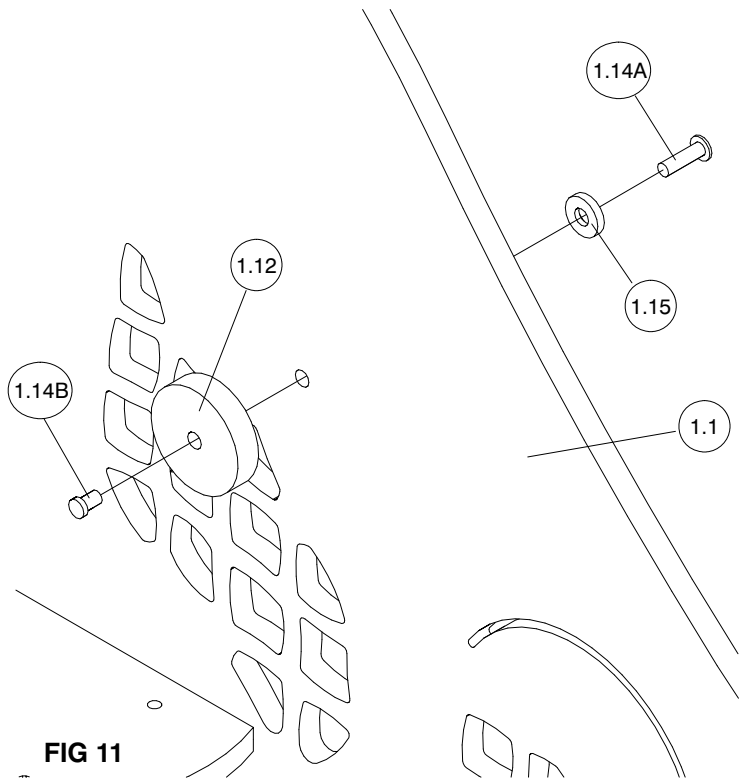
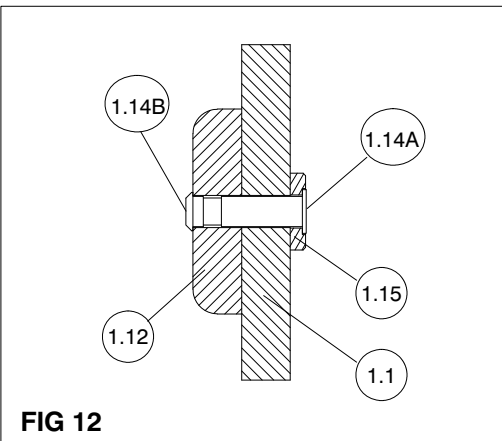
- iii) Attach the polyethylene seat support No.1 (1.6) and seat supports No.2 (1.7) to the side assy using the corner brackets (1.17), M6 x 16 lg Torx bolts (1.20), M6 washers (1.21) and M6 tee-nuts (1.22). Tighten to 3-5Nm (Figs 7 & 8)



- iv) Attach the polyethylene seat No.1 (1.4) and seat No.2 (1.5) to the seat supports using the corner brackets (1.17), M6 x 16 lg Torx bolts (1.20), M6 washers (1.21) and M6 tee-nuts (1.22). Tighten to 3-5Nm (Figs 7 & 9).
- v) Attach the fixing lugs, either for an existing surface (1.18) or for a new surface (1.19) using M6 x 20 lg Torx bolts (1.25), M6 washers (1.21) and M6 tee-nuts (1.22). Tighten to 3-5Nm (Figs 7 & 10).

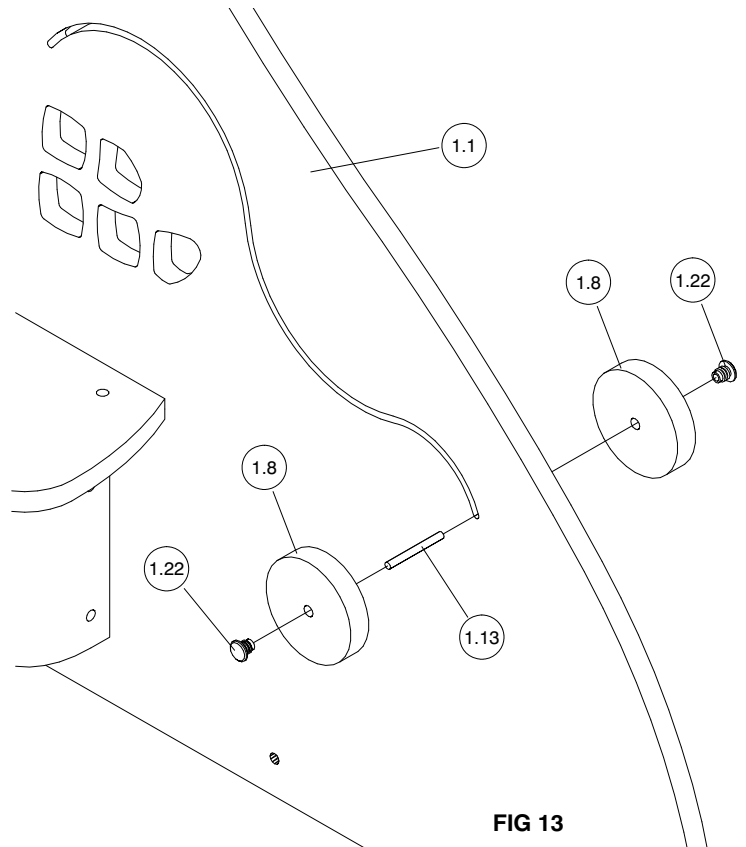
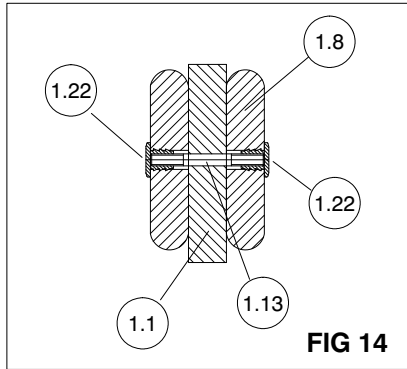


- vi) Place the front part of the eye viewer (1.14A) through the eye viewer washer (1.15), the front face of the house-large side (1.1) and the eyeview spacer (1.12). Using a suitable threadlock adhesive, attach the rear part of the eye viewer (1.14B) to the front part of the eye viewer (1.14A). (Figs 11 & 12).

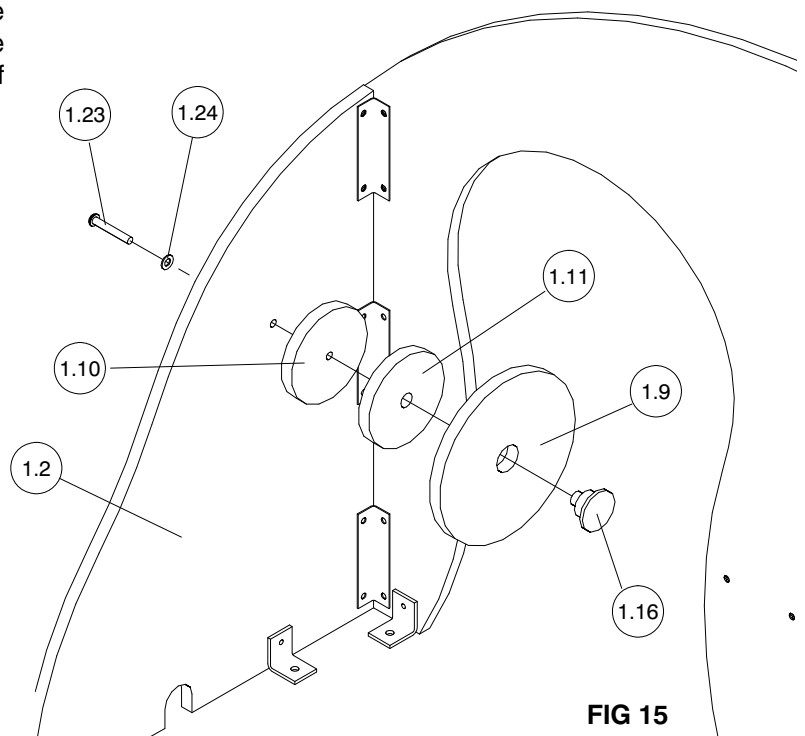


- vii) Place the stud (1.13) through the slot in the house-large side (1.1) and attach the pucks (1.8) either side using tee nuts (1.22). Tighten to 3-5Nm (Figs 13 & 14).

Prior to assembly, apply a suitable thread lock adhesive to the tee nuts to prevent them from working loose.



- viii) Apply a suitable threadlock adhesive and place the M10 x 65 lg Torx bolt (1.23) through the M10 washer (1.24), the house-small side (1.2), spacer No.1 (1.10), spacer No.2 (1.11) and the steering wheel (1.9) and attach to the spigot (1.16). Fully tighten to a torque of 20-25Nm. (Fig 15).



3.1 INSTALLATION ONTO AN EXISTING SURFACE

(SEE FIGS 2 & 4). Refer to site layout (if supplied) for position of product, then, using the holes in the fixing lugs (1.18) as a template, drill through the surface with a drill of the size recommended by the manufacturers of the fixings. Attach the fixing lugs to the surface using 7-off fixings (1.26) supplied by others.

3.2 INSTALLATION ONTO A NEW BASE

(SEE FIGS 3 & 4). Refer to site layout (if supplied) for position of product, then, mark the outline of the footings with eg spray or chalk etc. Excavate the holes. Place the sub assy into the excavation, set to the correct height (check if necessary). Ensure the assembly is level and square. Pour concrete into the excavation holes to the required level, taking into account any impact absorbing surfacing levels. Ensure that the full volume of concrete is used. The top of the concrete should slope down & outwards locally from the equipment upstand to the required level to form a watershed.

Keep installation off limits to the public until the concrete has completely cured. (Recommended initial curing time 48hrs minimum).

4 POST INSTALLATION INSPECTION

CHECK

CHECK



- | | |
|--|--|
| <ul style="list-style-type: none"> 1 The unit is installed at the correct seat height. 2 All fixings are tightened to the correct torque and have no protruding sharp edges. 3 Paint work is not damaged. 4 The polyethylene is not damaged. 5 The puck and wheel move freely. 6 Concrete foundations are secure. 7 Concrete has a watershed away from legs. 8 Adequate provision of impact absorbing surfacing and no obstructions or trip points within the equipments falling space. 9 Site is clear of all tools and rubbish. 10 Remove any warning signs. | <ul style="list-style-type: none"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
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