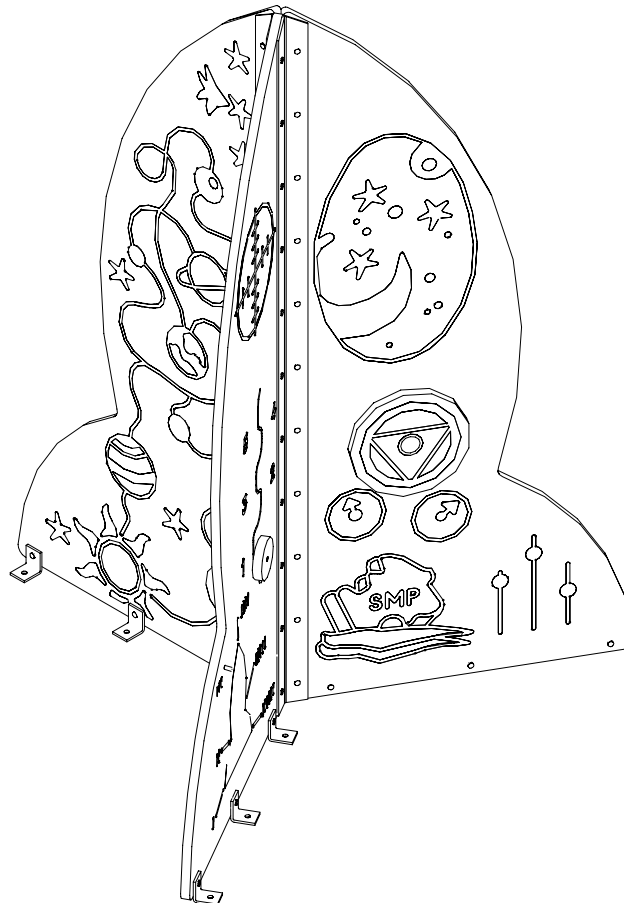


Playgrounds

INSTALLATION INSTRUCTIONS
SPECIALITY ROCKET
PYRKT



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email: sales@smp.co.uk
www.smp.co.uk

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1 SPECIFICATIONS

REFERENCE		PYRKT
OVERALL HEIGHT (H1)	m	1.710
LENGTH (L)	m	1.110
WIDTH (W)	m	1.280
WEIGHT	kg	56.7
HEAVIEST PART (STEERING WHEEL PANEL)	kg	14.9
LARGEST PART LxWxH (STEERING WHEEL PANEL)	m	1.700x0.730x0.080
CONCRETE	m ³	0.26
MINIMUM SPACE DIA x H	m	4.45 x 2.5
MAX FREEFALL HEIGHT	m	N/A
FALLING SPACE AREA	m ²	N/A
IMPACT AREA (WET POUR)	m ²	N/A
LOOSE FILL AREA (SAND/BARK)	m ²	N/A
RUBBER TILES 1m x 1m		N/A
MANHOURS	hr	3
MANPOWER		1
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)

As this play structure does not have an elevated freefall height position, it does not strictly require impact absorbing surfacing although its provision will of course give a safety benefit. If it is being provided on grass surfaces a suitable level of maintenance will be required to ensure it remains in good condition.

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.

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

FIG 1 PYRKT SHOWN INSTALLED ONTO AN EXISTING SURFACE

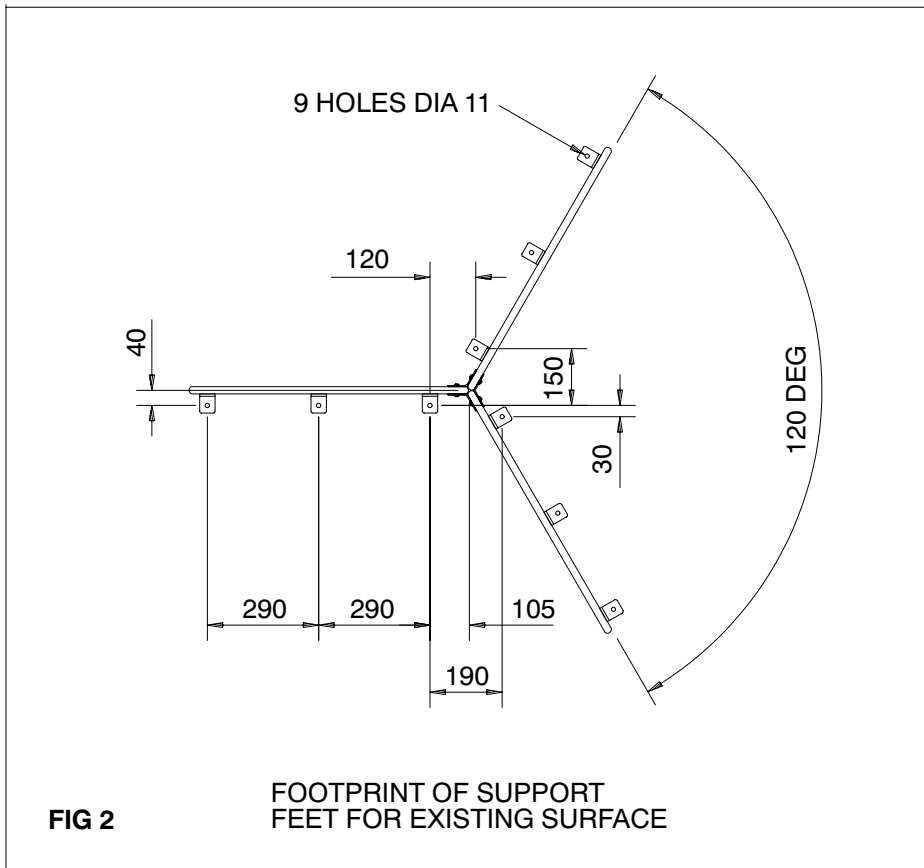
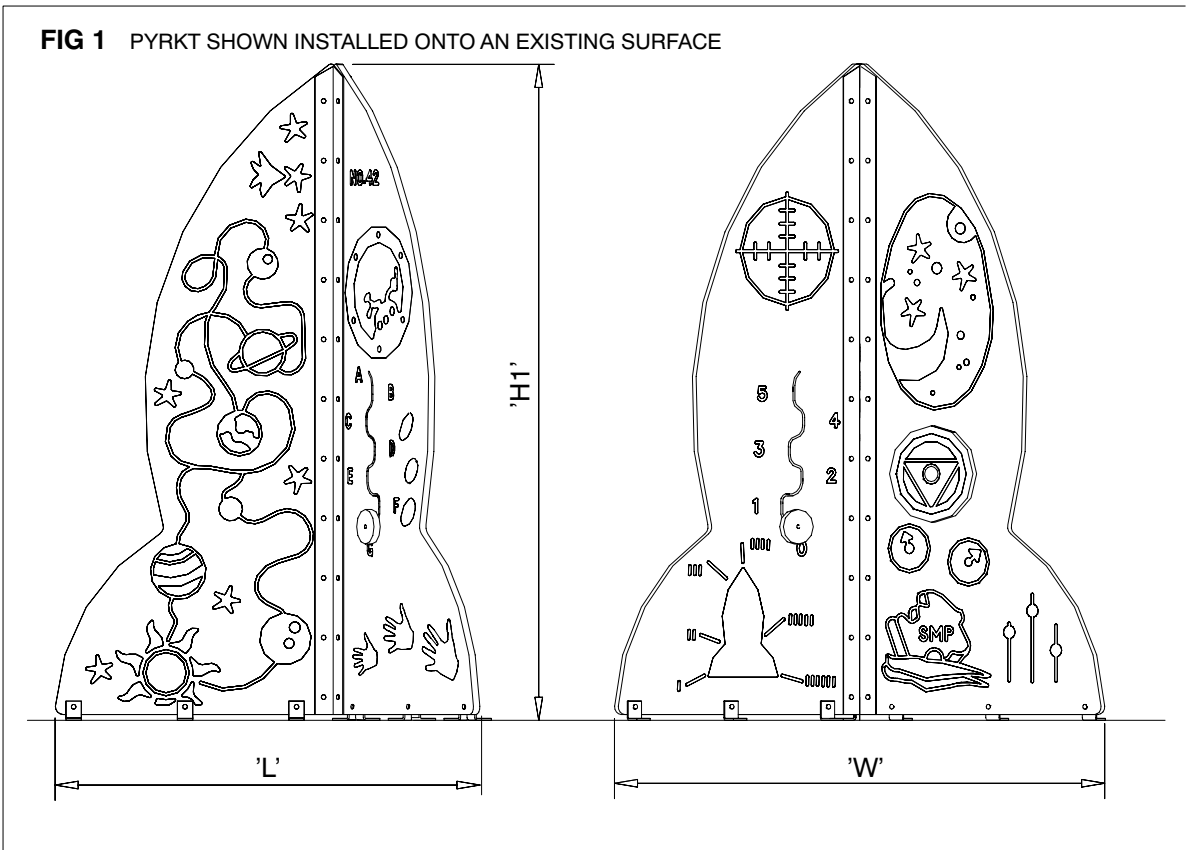
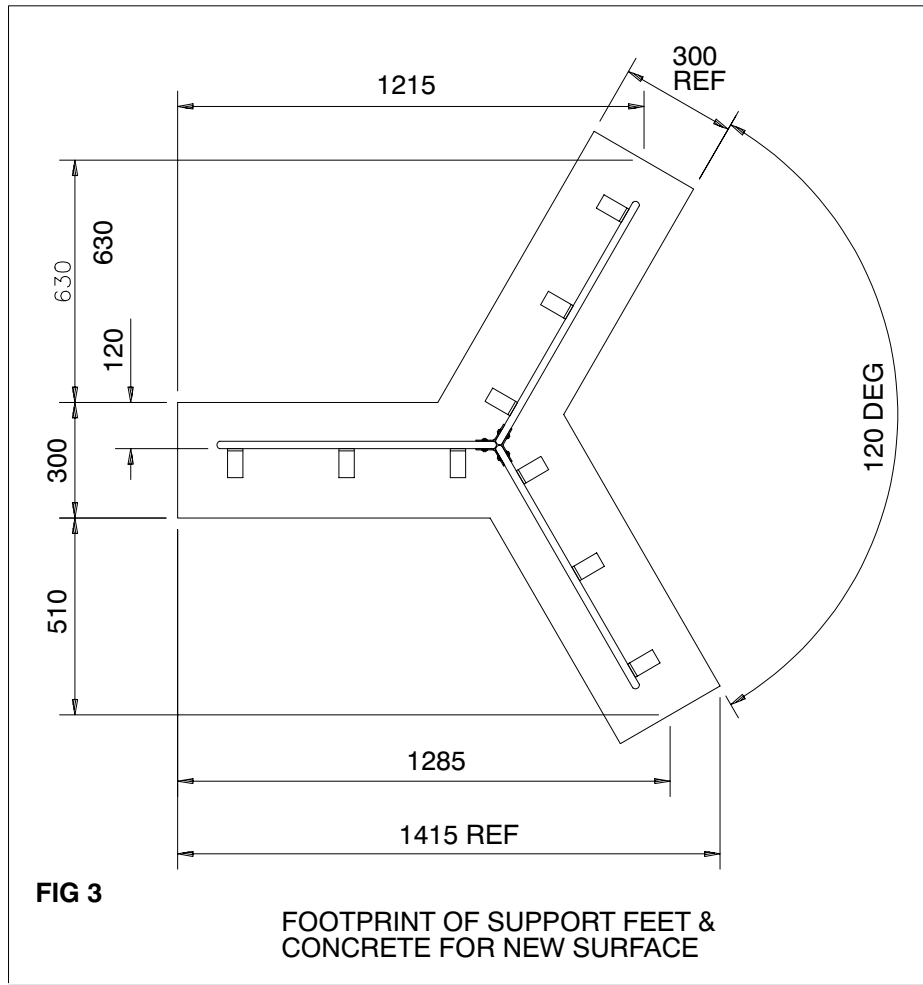
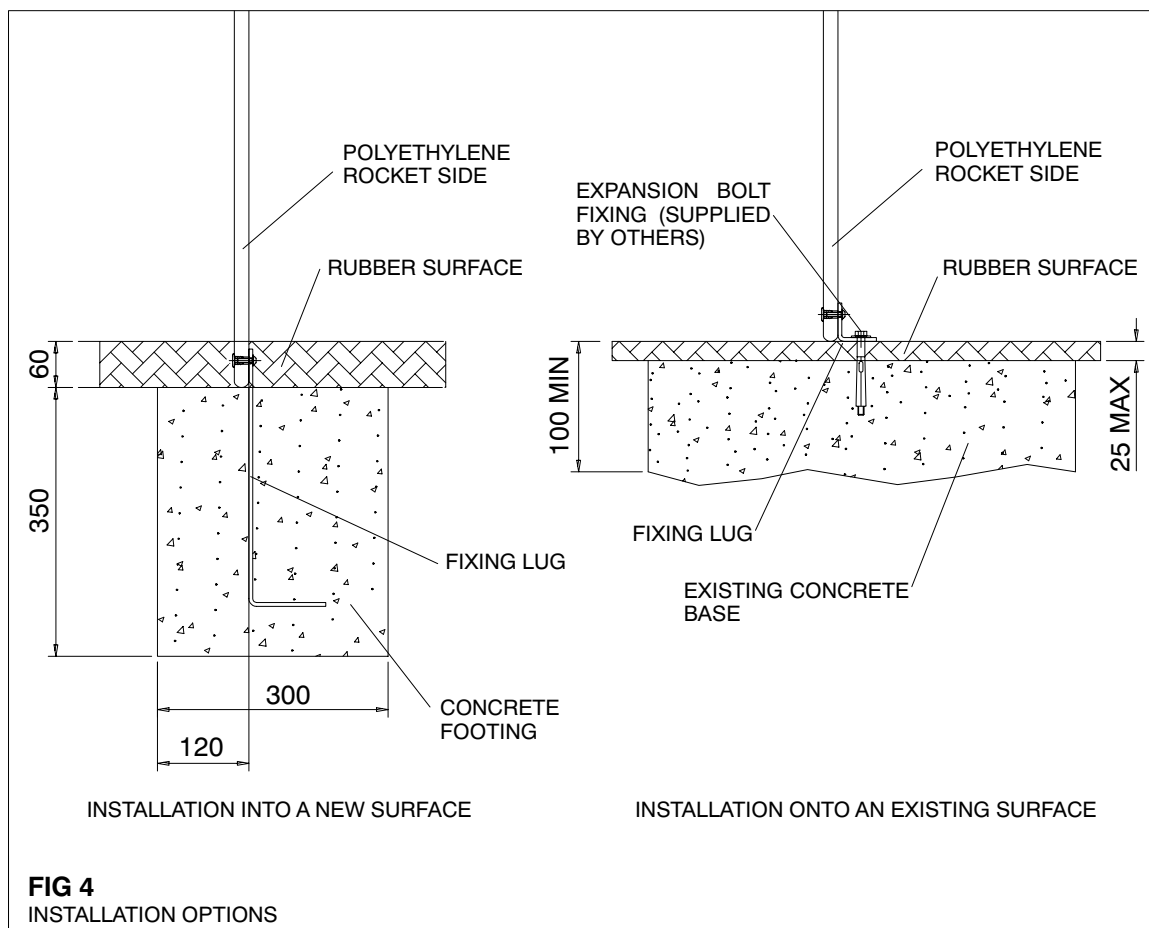


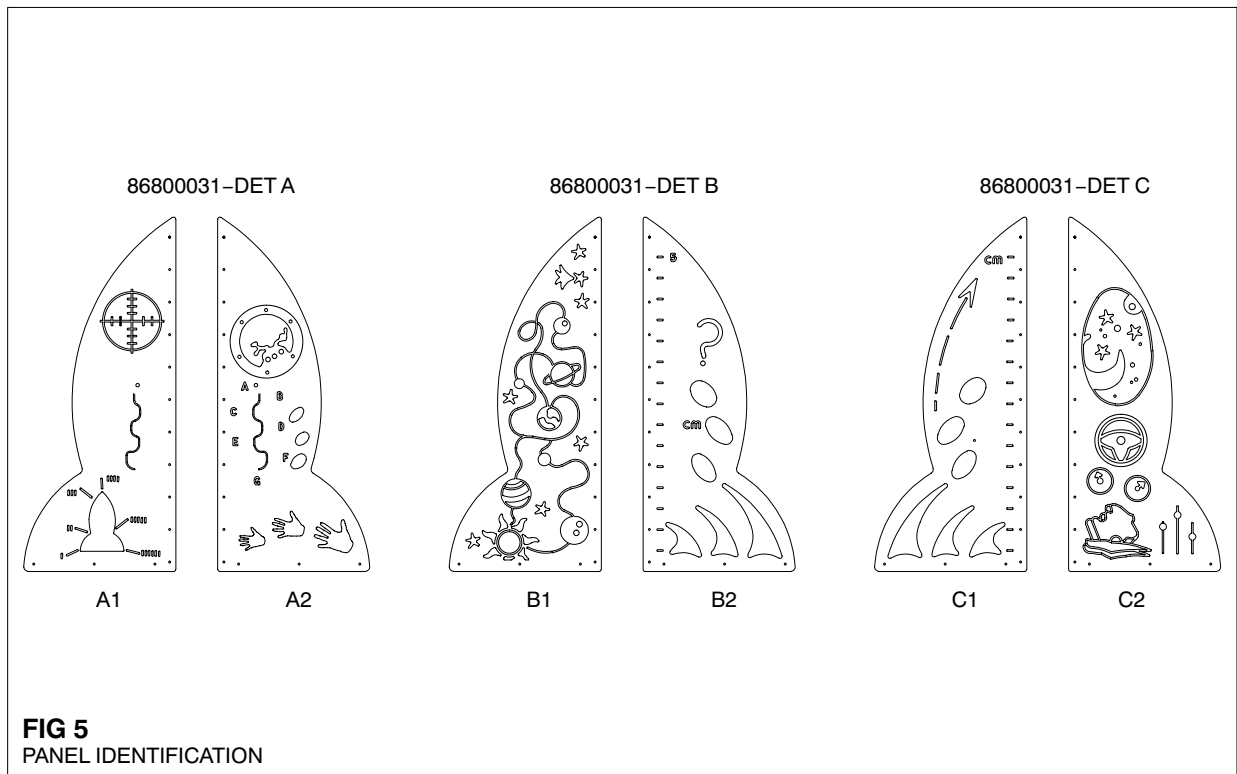
FIG 2 FOOTPRINT OF SUPPORT FEET FOR EXISTING SURFACE



2 PARTS LIST

UN-ASSEMBLED COMPONENTS				
ITEM	CODE	DESCRIPTION	QTY.	WEIGHT(kg)
1.1	SEE APPENDIX A	STEERING WHEEL PANEL ASSY	1	14.900
1.2	SEE APPENDIX B	SLIDING PUCK PANEL ASSY	1	13.750
1.3	86800031	BASIC PANEL	1	13.400
1.4	86810031	SUPPORT BRACKET	3	4.200
1.5	86810024	FIXING LUGS-EXISTING SURFACE	9	0.100
1.6	86810023	FIXING LUGS-NEW SURFACE	9	0.500
1.7	86810032	THREADED SLEEVE	33	0.030
1.8	10120610	RESISTORX HEAD M6x10	66	0.012
1.9	10120620	RESISTORX HEAD M6x20	9	0.013
1.10	10290600	WASHER-PLAIN-M6	75	0.001
1.11	10930600	TEE NUT-M6	9	0.018
1.12	-	EXPANSION BOLT-M10-EXISTING SURFACE	9	-
-	10120600	M6 TORX TOOL	1	-



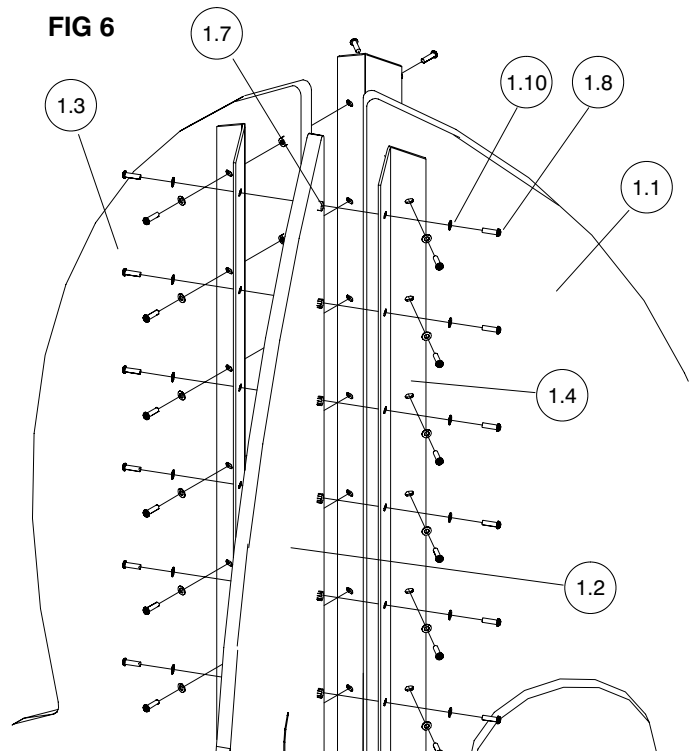


3 INSTALLATION & ASSY PROCEDURES

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 (Refer to maintenance instructions). 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) Place the threaded sleeves (1.7) into the vertical holes in the steering wheel panel (1.1), sliding puck panel (1.2) and basic panel (1.3).
- iii) Noting the correct positions for the panels, attach the support brackets (1.4) to the threaded sleeves (1.7) in the panels (1.1, 1.2 & 1.3) using M6 x 10 lg Resistorx bolts (1.8) and washers (1.10). Tighten to 3-5Nm. (Figs 6 & 7).



- iv) Attach the fixing lugs, either for an existing surface (1.5) or a new surface (1.6) using M6 x 20 lg Resistox bolts (1.9), washers (1.10) and tee nuts (1.11). Tighten to 3-5Nm (Figs 8 & 9).

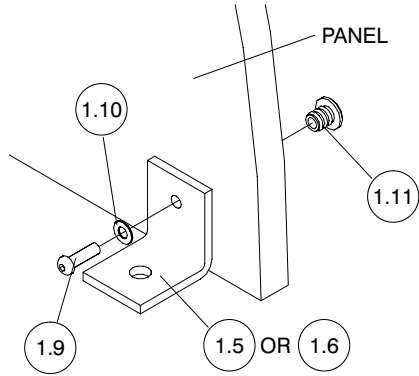


FIG 8

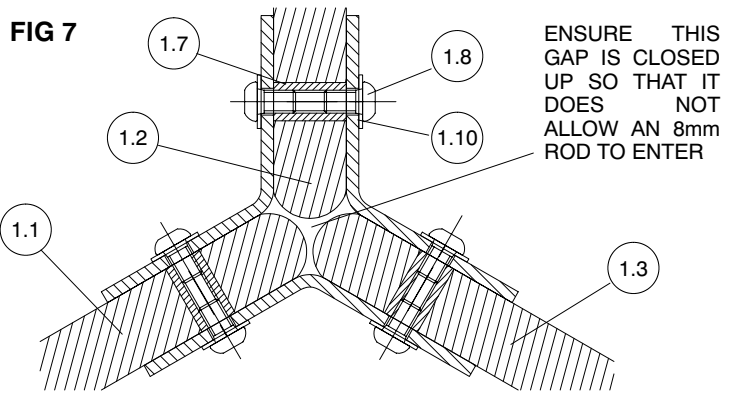


FIG 7

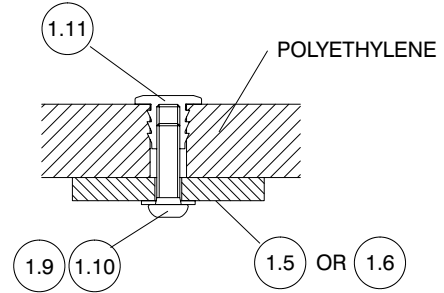


FIG 9

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 (1.13) 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 (1.18) 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 hole. Place the sub assy into the excavation, set to the correct height (chock if necessary). Ensure the assembly is level and square. Pour concrete into the excavation holes to the required level, taking into account any safer 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.

4 POST INSTALLATION INSPECTION

CHECK

CHECK



- | | | |
|----|---|--------------------------|
| 1 | The unit is installed at the correct height. | <input type="checkbox"/> |
| 2 | All fixings are tightened to the correct torque and have no protruding sharp edges. | <input type="checkbox"/> |
| 3 | Paint work is not damaged. | <input type="checkbox"/> |
| 4 | The polyethylene is not damaged. | <input type="checkbox"/> |
| 5 | The puck moves freely. | <input type="checkbox"/> |
| 6 | The steering wheel rotates freely. | <input type="checkbox"/> |
| 7 | Concrete foundations are secure. | <input type="checkbox"/> |
| 8 | Concrete has a watershed away from legs. | <input type="checkbox"/> |
| 9 | No obstructions or other hazards within the equipments minimum space. If a grass surface has been selected, ensure it is in good condition. | <input type="checkbox"/> |
| 10 | Site is clear of all tools and rubbish. | <input type="checkbox"/> |
| 11 | Remove any warning signs. | <input type="checkbox"/> |

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Appendix A: STEERING WHEEL PANEL SUB-ASSEMBLY

The assemblies described below are for the steering wheel panel assy and the sliding puck panel assy. These will be supplied complete by SMP. Instructions are included should the units need to be dis-assembled.

ASSEMBLED COMPONENTS				
ITEM	CODE	DESCRIPTION	QTY.	WEIGHT (kg)
2.1	86800031-DET C	STEERING WHEEL PANEL	1	13.400
2.2	86800031-DET E	SPACER No.1	1	0.360
2.3	86800031-DET F	SPACER No.2	1	0.360
2.4	86800031-DET D	STEERING WHEEL	1	0.680
2.5	10309999	WASHER-HEAVY DUTY-M10	1	0.011
2.6	10121065	RESISTORX HEAD-M10x65	1	0.035
2.7	32606105	SPIGOT	1	0.160

- i) Place M10 Torx bolt (2.6) through washer (2.5), panel (2.1), spacer No.1 (2.2), spacer No.2 (2.3) and steering wheel (2.4) and attach to spigot (2.7). Fully tighten to a torque of 20-25Nm. (Fig 10).

Prior to assembly, apply a suitable thread lock adhesive to the bolt to prevent it from working loose.

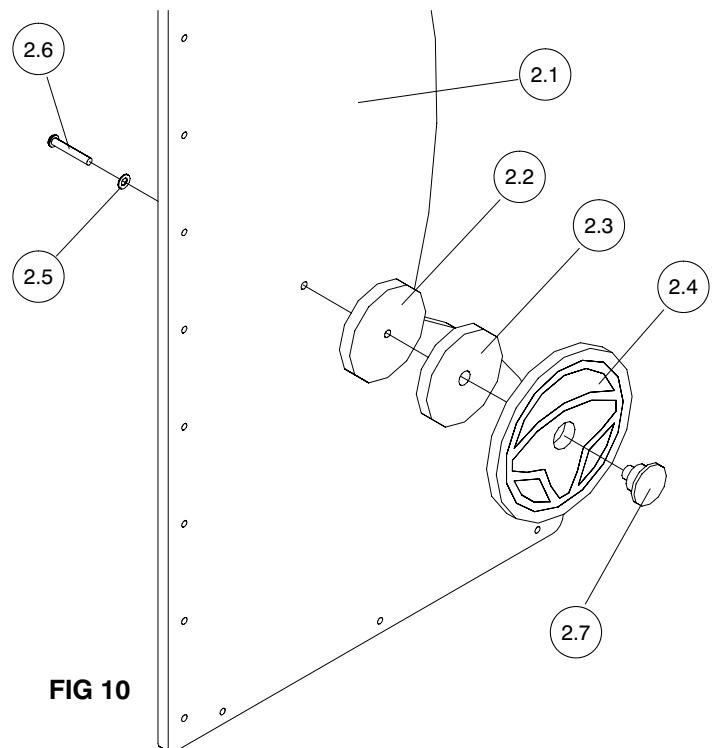


FIG 10

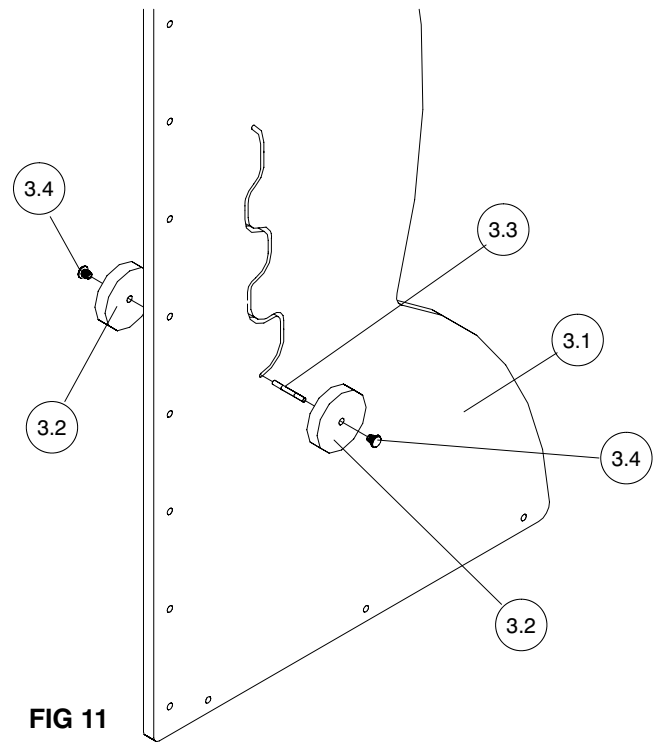
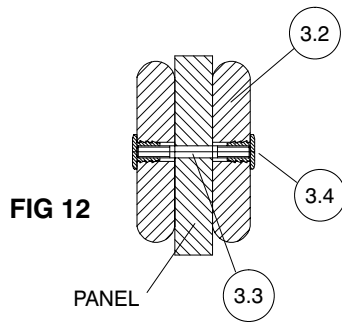
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Appendix B: SLIDING PUCK PANEL SUB-ASSEMBLY

ASSEMBLED COMPONENTS				
ITEM	CODE	DESCRIPTION	QTY.	WEIGHT (kg)
3.1	86800031-DET A	SLIDING PUCK PANEL	1	13.400
3.2	86800031-DET G	PUCK	2	0.100
3.3	86810022	STUD M6	1	0.025
3.4	10930600	TEE NUT-M6	2	0.020

- i) Place the stud (3.3) through the slot in the panel (3.1) and attach the pucks (3.2) either side using tee nuts (3.4). Tighten to 3-5Nm (Figs 11 & 12).

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



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