

design
make
play

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Inclusive Scooter Roundabout SIR050

Installation Instructions

SIR050

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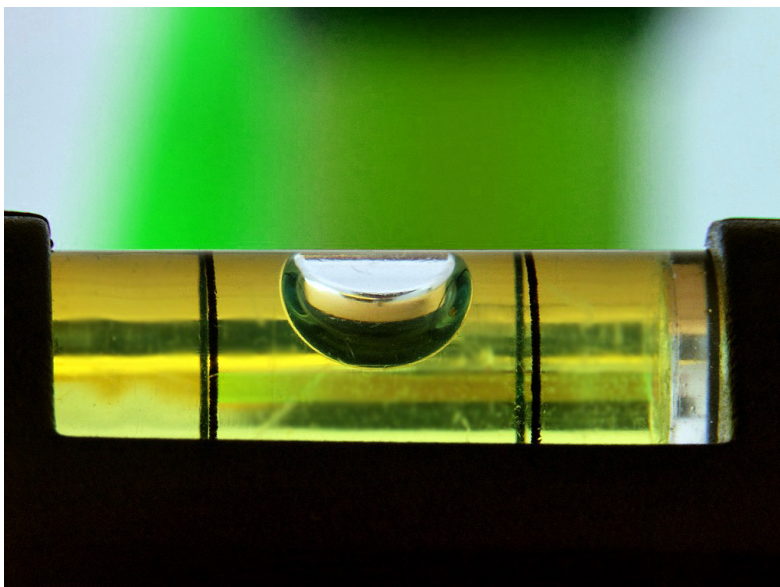
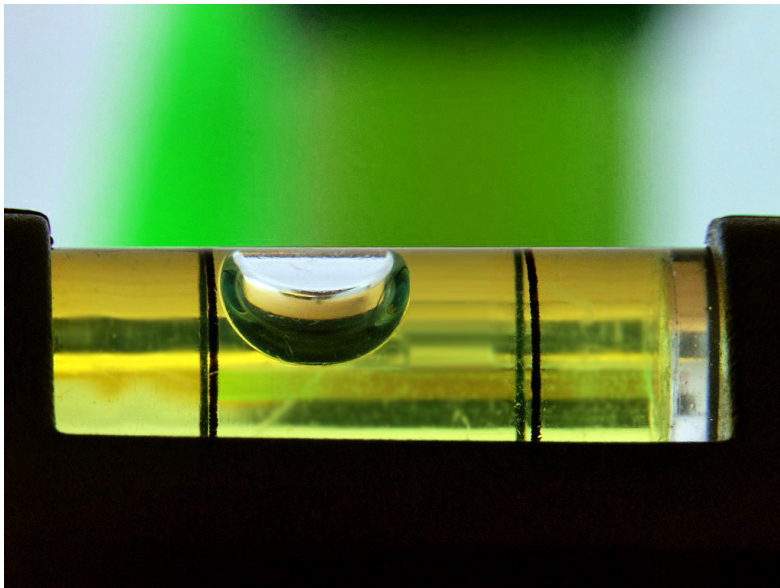
IMPORTANT NOTE: THIS IS A THREE STAGE INSTALLATION.

STAGE 1: CENTRAL GROUND FIXING LEVELLED AND CONCRETED.

STAGE 2: CONCRETE RAFT LEVELLED AND SET.

STAGE 2: FULL ASSEMBLY AFTER CONCRETE IS FULLY SET.

Read the following pages thoroughly for detailed installation instructions.



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1. Check using the parts list that all components have been delivered.
2. Plan the final position of the play equipment, ensuring there is sufficient space
NB: Please consider the extent and HIC of surfacing (see surfacing plan).
AS A MOVING ITEM THE SAFETY AREA CAN NOT BE OVERLAPPED WITH OTHER SAFETY AREAS.
3. PLEASE NOTE THAT DRAINAGE IS STRONGLY RECOMMENDED (ESPECIALLY IN AREAS WITH A HIGH WATER TABLE) TO ENSURE THE VOID UNDER THE ROUNDABOUT DOES NOT FILL WITH WATER
4. Sort and identify parts before assembly, only the central ground fixing (SIR053) is required.
5. Excavate the foundation holes in accordance with the plan and play level, ensuring the intended safety surface area is level. This roundabout CANNOT BE INSTALLED ON TO SLOPING GROUND.
6. **STAGE 1** Concrete in ground fixing (SIR053) ensuring threaded plate is level and set at 602mm below intended play level.
7. **PLEASE NOTE THAT ITEM 6 IS THE FIRST STAGE IN A THREE STAGE INSTALLATION. THE OUTER RING (SIR010) SHOULD BE INSTALLED IN THE THIRD STAGE TO ENSURE THE CONCRETE RAFT CAN BE LEVELLED AND SET AS PER STAGE TWO.**
8. Check the ground fixing will sit at the correct level and position as per the elevations and plans. Fill the foundation hole to the required depth with concrete. Float off upper surface to enable run-off away from ground fixing uprights.
9. Leave the bearing foundation to fully set before continuing to pour the concrete raft foundation as per the plans (at least 2-3 days, setting times may vary).

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10. **STAGE 2** Pour concrete raft to the underside of the ground fixing plate.
Allow to set (5-7 days).
11. **STAGE 3** Secure the bearing housing (SIR056) and the inner frame (SIR003) / perimeter ring (SIR002) to the ground fixing. Then attach inner deck boards in order to set the outer support ring/ perimeter boards.
12. Centre the outer ring assembly (SIR010) around the inner assembly ensuring the gap is **constant** all the way round.
(should be 4 to 5mm MUST NOT EXCEED 8mm).
12. Fix Outer ring to raft using Chem bolts M10 x 50mm.
13. Fix seat Assembly, scooter assembly and wheelchair stops to inner deck boards
(Do not tighten bolts until all bolts are threaded on to captive nuts on the inner frame)
14. Check roundabout is running freely and the perimeter gap is consistent and less than 8mm)
15. Finally re tighten all bolts and fix bolt caps were required.

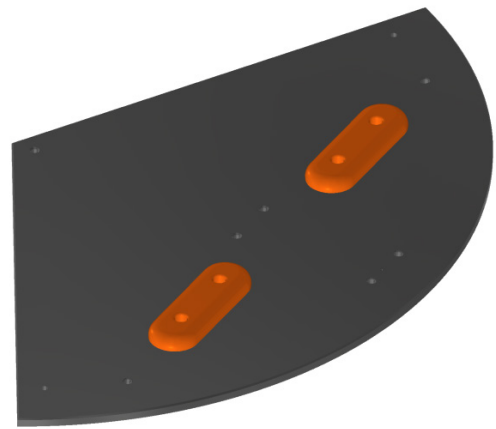
NB: During installation, care must be taken to prevent hazards to children. If you are at all unsure or have any questions, please contact the contracts department

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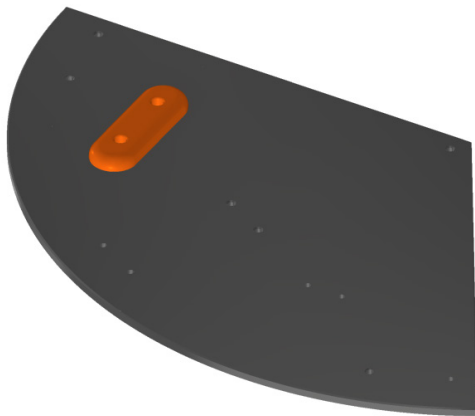
Inclusive Scooter Roundabout Parts List



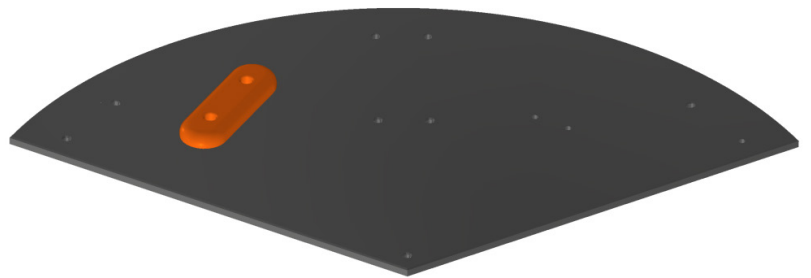
Central Ground fixing x 1
(SIR053)



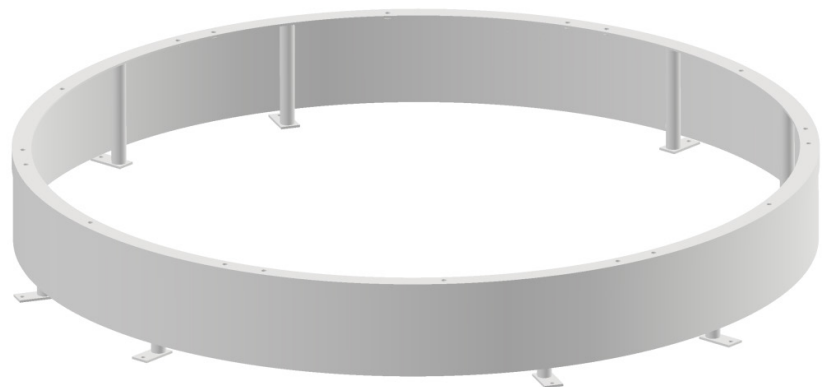
Deck Board (A)
(SIR005)



Deck Board (B)
(SIR006)



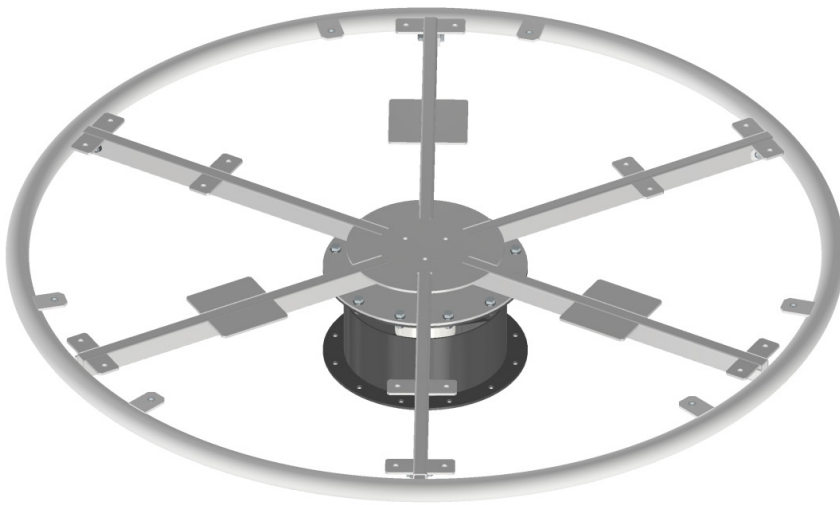
Deck Board (C)
(SIR007)



Outer Ring Support
Frame x 1
(SIR059)

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Inclusive Scooter Roundabout Parts List



Frame and Bearing
Assembly x 1
(SIR058)



Outer Ring
Decks x 6
(SIR051)



Seat Frame x1
(SIR011)



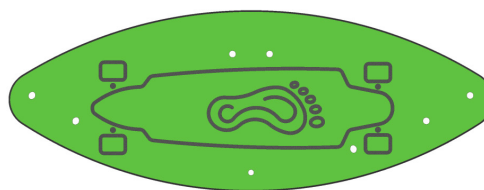
Seat Support x1
(SIR013)



HPL Seat x 1
(SIR008)



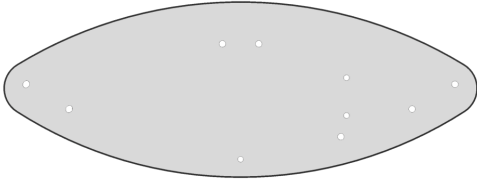
Scooter Handlebars x 1
(SIR016GRY + CZS003)



Scooter Board x 1
(SIR052)

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Inclusive Scooter Roundabout Parts List



Scooter Spacer Board x 1
(SIR058)



Fixing Kit x1
(SIR050F)

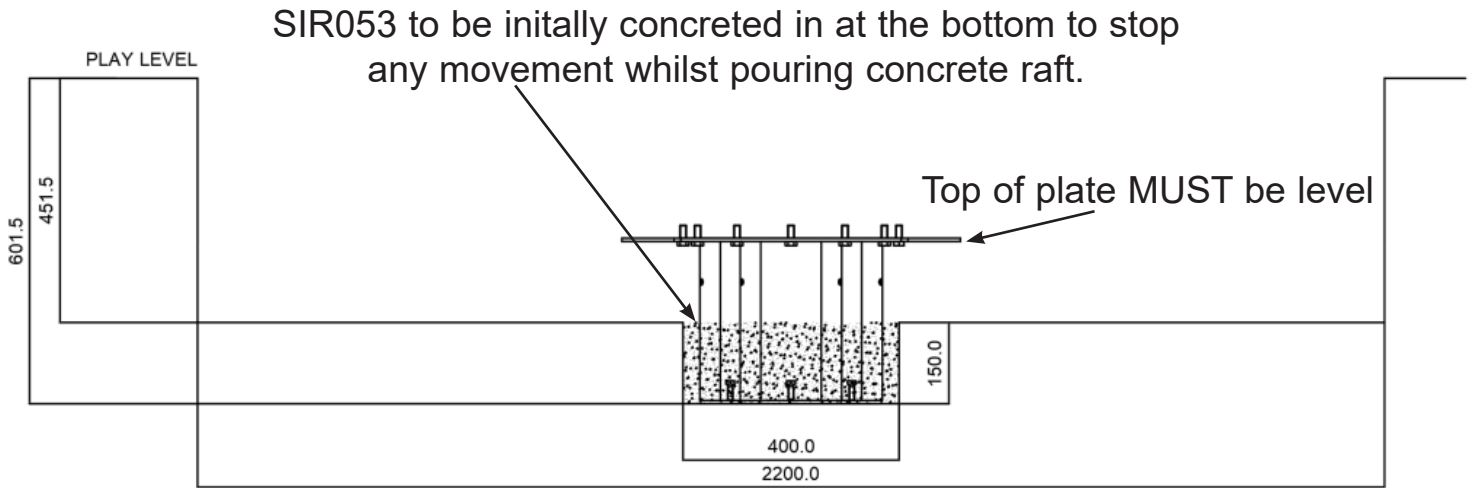
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Inclusive Scooter Roundabout Raft Installation Steps

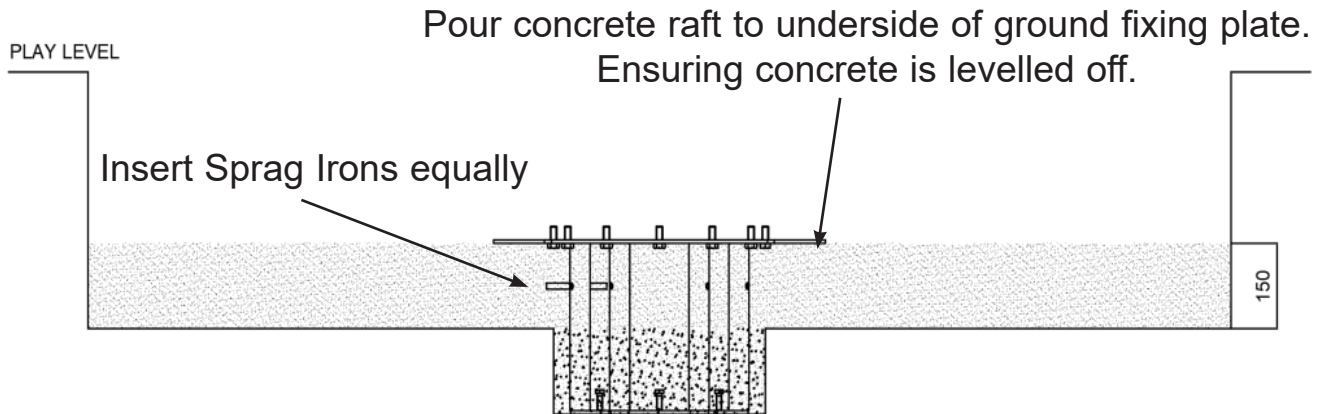
To be used in conjunction with Plan drawings provided:

Note: At each stage the concrete must dry before moving forward.

1.

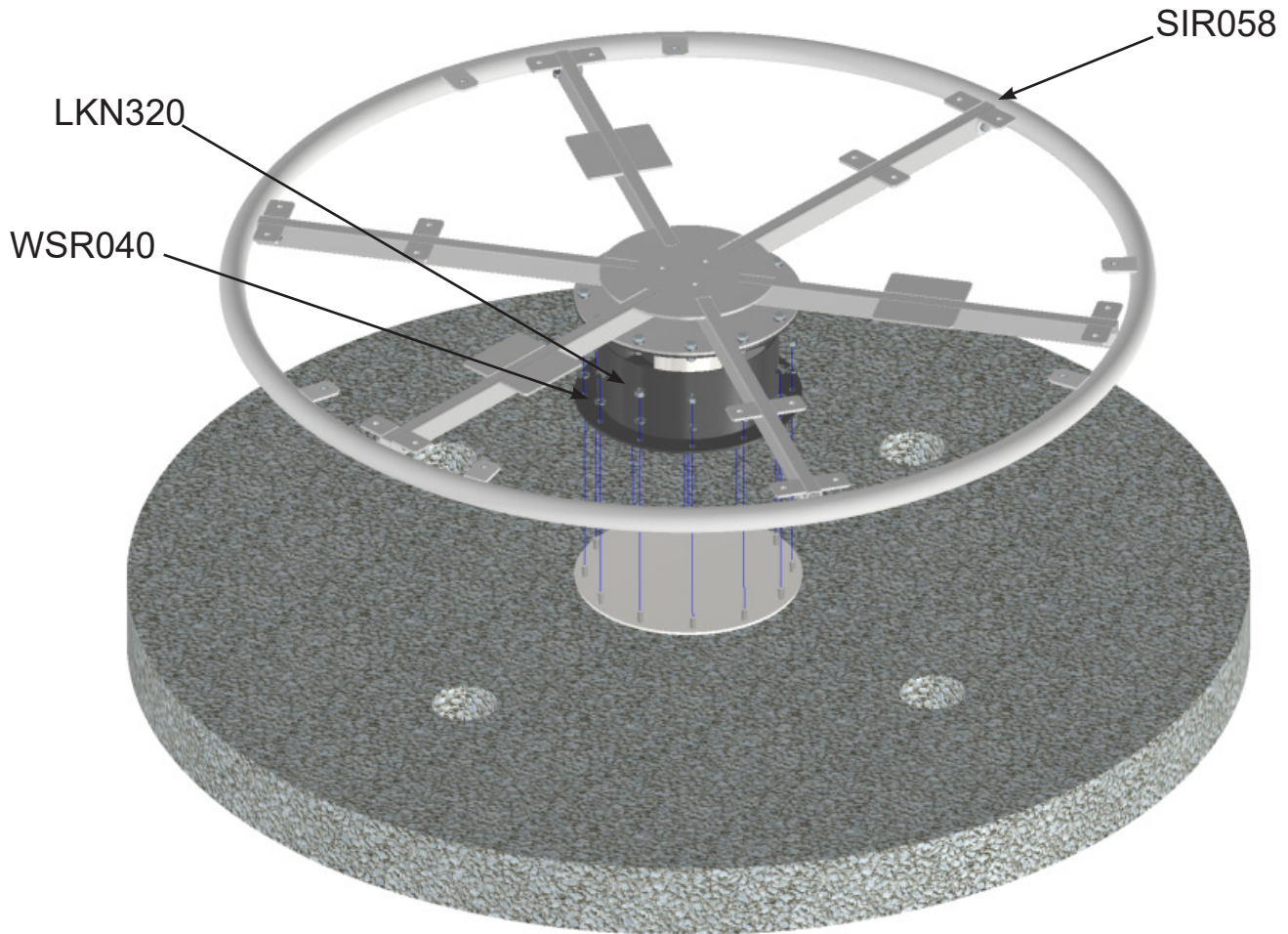


2.



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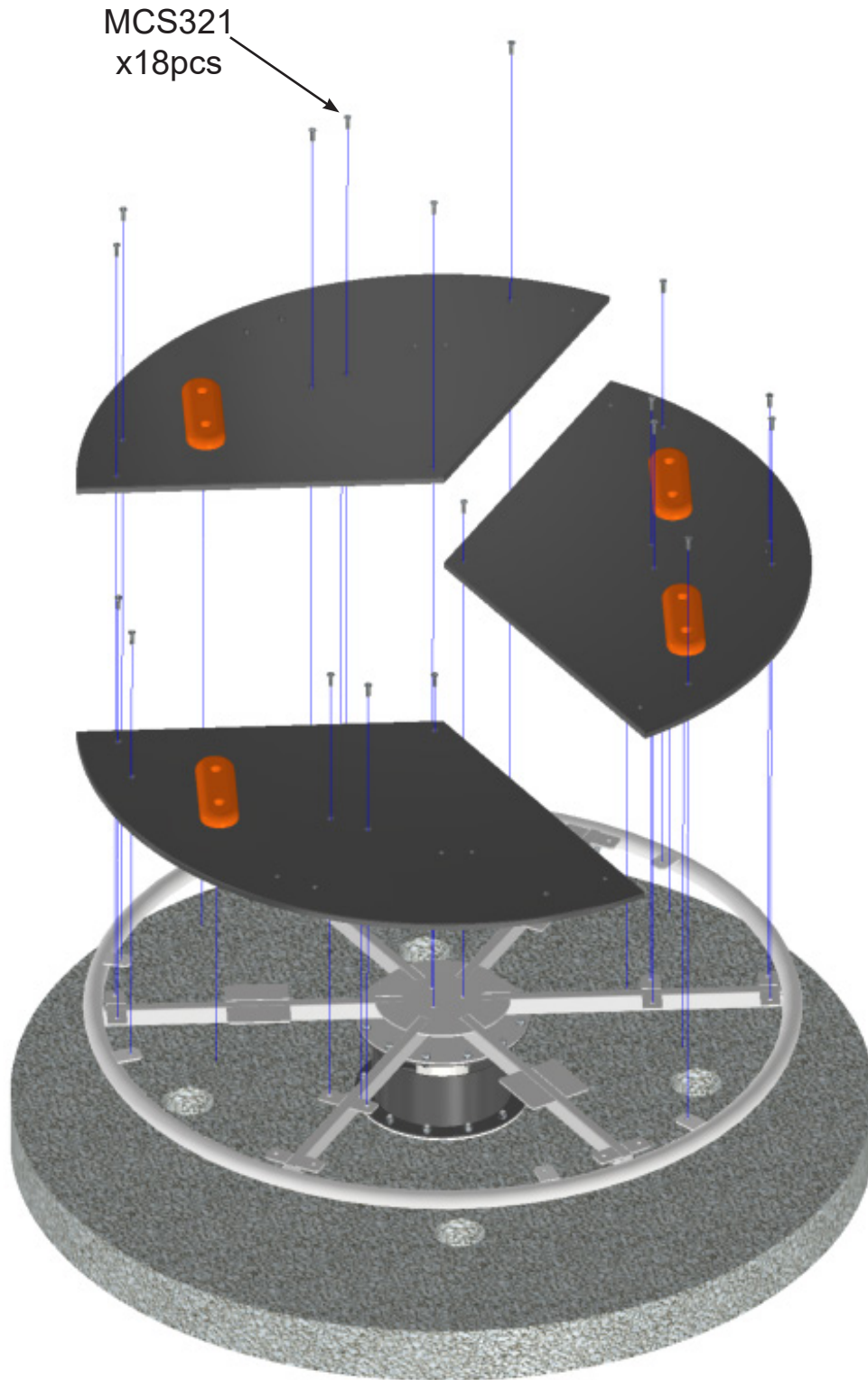
Inclusive Scooter Roundabout General Assembly of Parts



	Code	Description	Qty
1	SIR058	Frame & Bearing Assembly	1
2	LKN320	M10 Nyloc Nut	12
3	WSR040	M10 Plain Washer	12

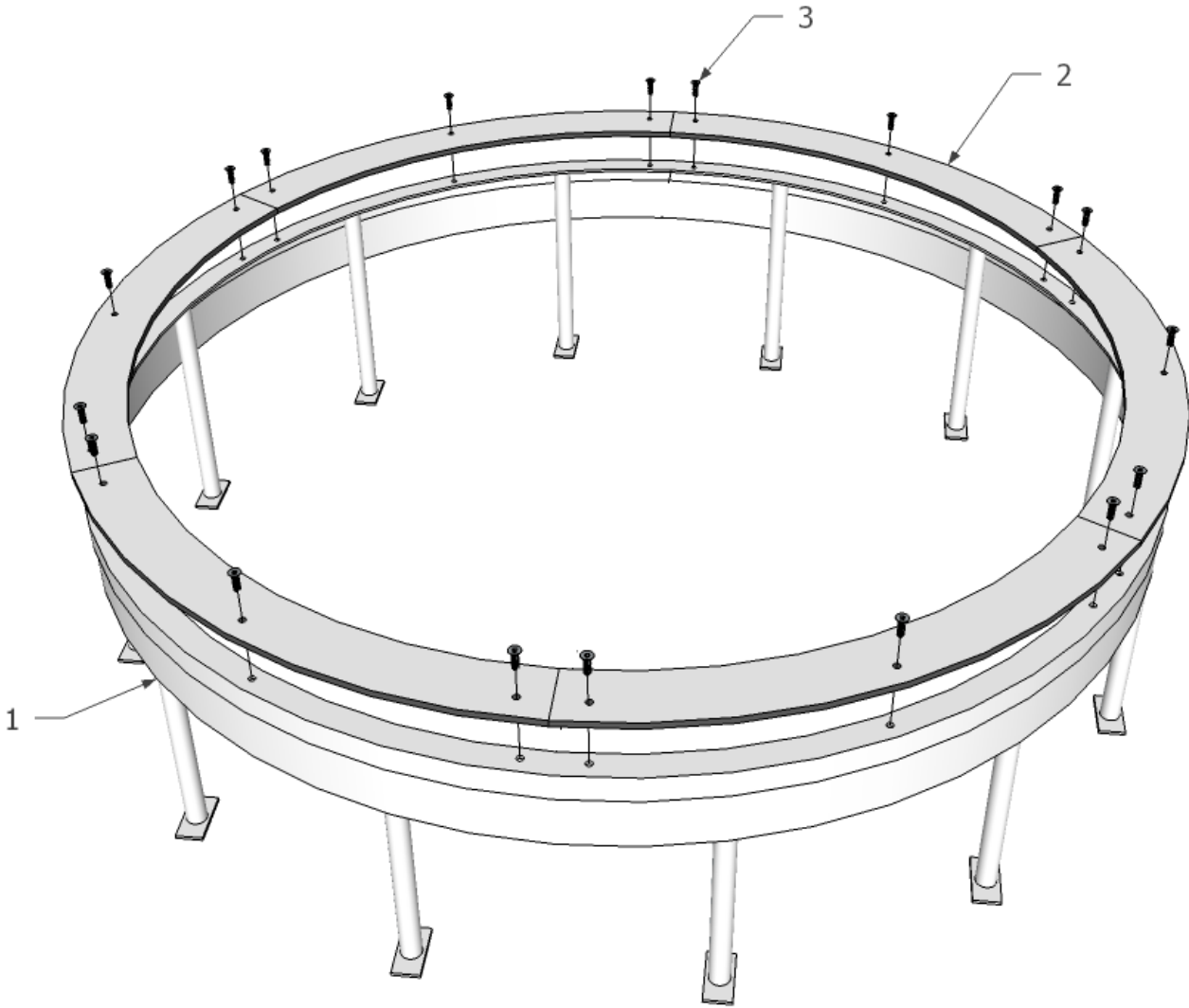
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Inclusive Scooter Roundabout General Assembly of Parts



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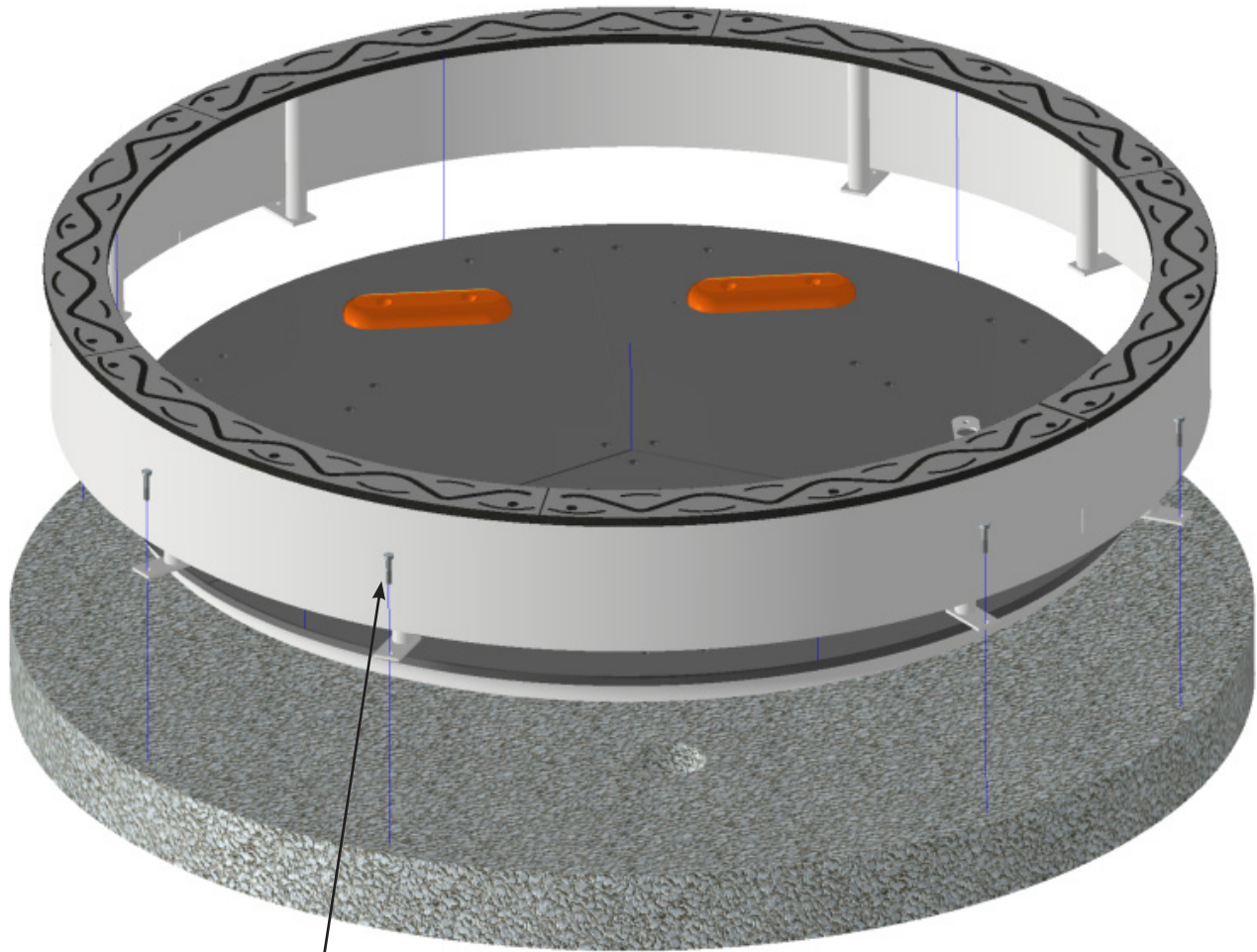
Inclusive Scooter Roundabout General Assembly of Parts



	Code	Description	Qty
1	SIR059	Outer Frame	1
2	SIR051	Outer Deck Panel	6
3	MCS321	M10 x 35 Countersunk	18

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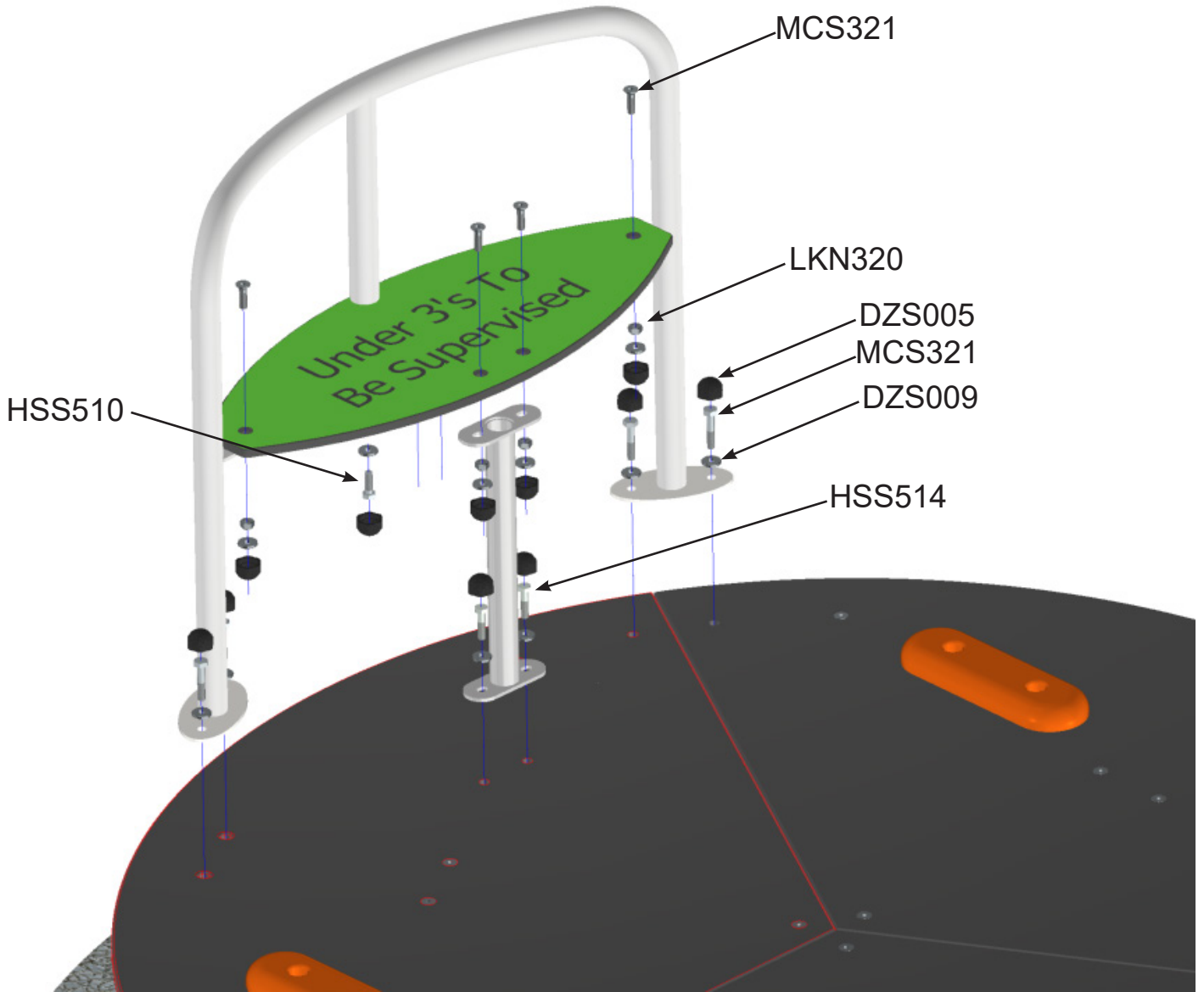
Inclusive Scooter Roundabout General Assembly of Parts



M10 Chem Fix Bolt
x8

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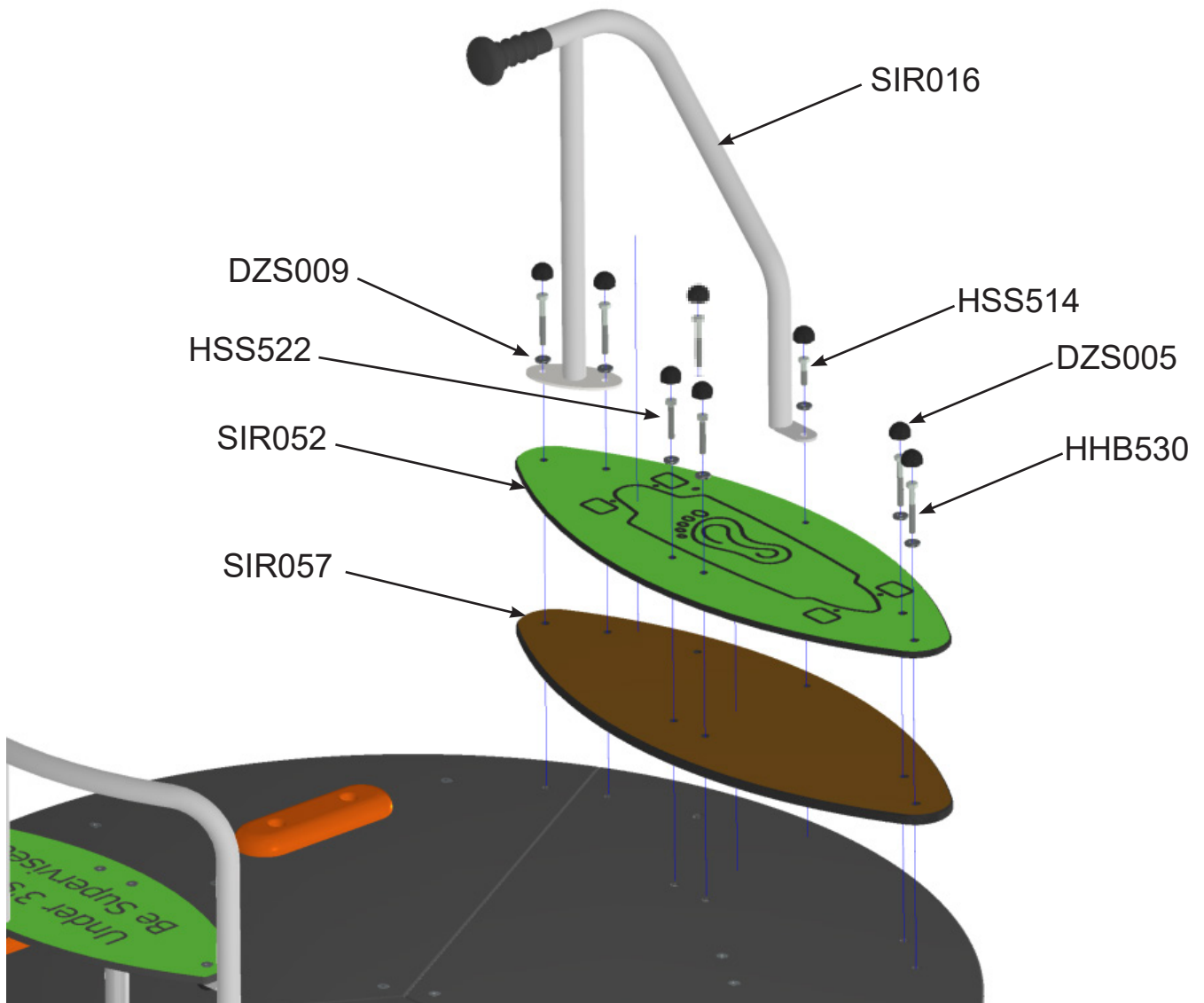
Inclusive Scooter Roundabout General Assembly of Parts



Code	Description	Qty
MCS321	M10 x 35 CSK Bolt	4
DZS009	M10 Step Washer	11
LKN320	M10 Nyloc Nut	4
HHB518	M10 x 50 Bolt	4
HSS514	M10 x 40 Bolt	2
HSS510	M10 x 30 Bolt	1
DZS005	M10 Nut Cover	11

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Inclusive Scooter Roundabout General Assembly of Parts



	Code	Description	Qty
1	SIR016	Scooter Handle Bars	1
2	SIR052	Scooter Board	1
3	SIR057	Scooter Spacer Board	1
4	DZS009	M10 Step Washer	8
5	DZS005	M10 Nut Cover	8
6	HHB530	M10 x 80 Bolt	5
7	HSS522	M10 x 60 Bolt	2
8	HSS514	M10 x 40 Bolt	1

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Inclusive Scooter Roundabout Maintenance Instructions

NB: The warranty is invalidated if these instructions are not followed.
All wood needs annual inspection and retreatment where required.

Recommended Regular Inspection and Maintenance

	Interval Days				
	7	14	28	56	365
Check stability of structure, tighten connections if required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check rotating and pivot points for wear and smooth running, lubricate or replace if required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check all painted elements for damage, rub down and repaint or replace as required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check all outer deck boards for alignment wear and damage, replace if required.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check seat panels for wear and/or damage, replace if required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check integrity of deck boards ensure gap of less than 8mm is maintained between outer ring and central decks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check Deck board edges and countersunk holes re paint if required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check rubber wheelchair stops for wear/ damage replace as necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Check rubber safety surfaces for damage and poor performance, repair or replace if required.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check void under roundabout is draining adequately	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Disposal Instructions

All components should be broken down into categories of:-

- 1 **Mild Steel** - all 38mm Ø tube, step/ring climbers, welded bar, swing frames, deck frames.
- 2 **Stainless Steel** - all slides, mirror panels.
- 3 **Aluminium** - all Playzone, Mission and Toddlerzone posts.
- 4 **Galvanised Steel** - all chains and Teenzone posts.
- 5 **Moulded Rubber Products without steel inserts** - Caps and edge details.
- 6 **Timber** - all natural timber, plywood, and MDF panels.

Wherever possible these materials should be taken to specialist recycling organisations and recycled. In some cases where composite materials are used, then disposal at land fill sites is the only alternative such as:

- 7 **Moulded Rubber Products encasing steel inserts** - all Swing Seats, Deck Tops, Bump stops.
- 8 **High Pressure Laminate** - all Toddlerzone, Playzone, Minizone, Teenzone and Themed panels.
- 9 **Steel Core Polypropylene Rope** - all Scramble Nets, Space Nets, Playzone/Toddlerzone Ropes.