



EQM Ski-Locker Lift

Quick Guide

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OPERATING SAFETY INSTRUCTIONS

TAIL LIFT AND VEHICLE SAFETY

- Only a fully trained operator must control the lift.
- Secure vehicle doors fully open and clear of the lift.
- Do not exceed the stated safe working load (SWL).
- Keep people away from the operating area inside and outside of the vehicle.
- Ensure that the platform is always level (horizontal, max 5 degree).
- Never leave the lift unattended with the platform at ground level if passengers are on board.
- When the lift is not in use, the controls should be deactivated.
- Ensure the vehicle handbrake is fully engaged.
- Do not move the vehicle with the lift deployed.

OPERATORS ENSURE THAT

- Lift will lower to firm, level ground.
- Lift is in a fully operational condition.
- Lift bridge plate lands flat on to the vehicle floor.
- Roll-off ramp is fully operational.
- Accompany passengers on the platform where possible without overloading the lift.
- Maintain a clear view of the lift platform and passengers during operation.
- Never leave passengers unattended on the platform.
- Passengers should not be required to operate any controls.
- Ensure that no part of the wheelchair / scooter / user makes contact or impedes movement of any part of the lift, including the bridge plate mechanism.



PEDESTRIAN PASSENGERS

- Ensure passenger is clear of platform edge and standing centrally.
- Ensure passenger is holding the handrails.
- Do not climb on/off the platform at height.
- Do not exit the platform from the sides.
- Do not leave the platform before it has reached the floor or ground.



WHEELCHAIR PASSENGERS

- Operator should travel on the platform behind the user where possible.
- Ensure the wheelchair is stable and not overhanging the platform.
- Brakes must be applied on wheelchair when loaded on to the platform.
- Use wheel blocks if required.



SCOOTER / POWERED WHEELCHAIR PRECAUTIONS

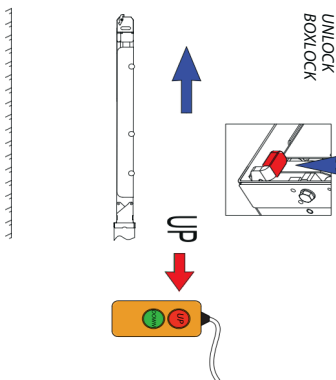
- Ensure scooter or powered wheelchair is not larger than the lift platform in any direction.
- Where possible, passengers should dismount scooters and board vehicle separately.
- Scooters and powered wheelchairs must be pushed on and off the platform, not driven.
- Ensure drive mode is in neutral and/or brakes are applied (or wheel blocks used where required).
- Ensure power to scooter or wheelchair is turned off.

Please note: the transportation of scooters and powered wheelchairs may require non-standard platforms sizes and lifting capacities. If your lift is not suitable for these operations in it's current configuration, please contact PASSenger Lift Solutions for additional guidance and advice.

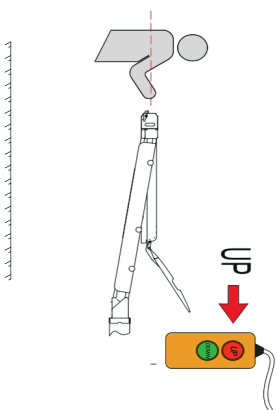


EQM Operating Procedure

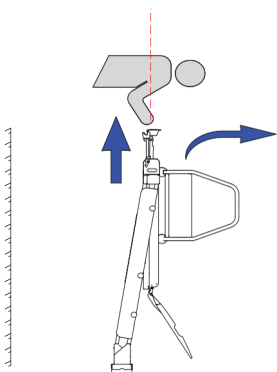
1 Lift Out



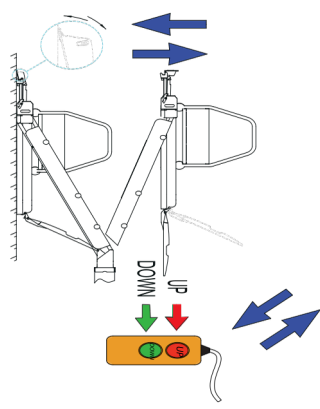
2 Lift UP to "Upper Reach" Position



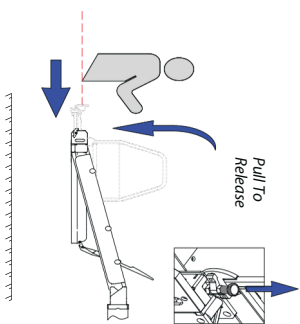
3 Lift Up Handrails. Pull Out Extension



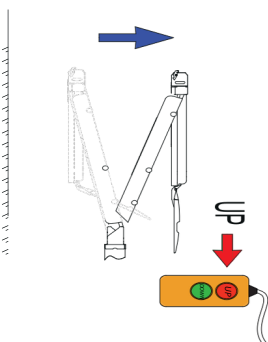
4 Lift Up/ Down



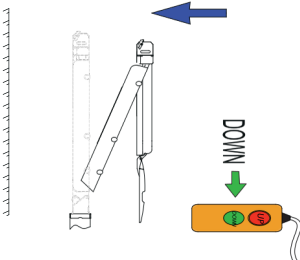
5 Push in Extension Fully Fold Down Handrails.



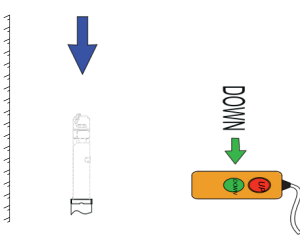
6 Lift UP To Stow



7 Lift Down



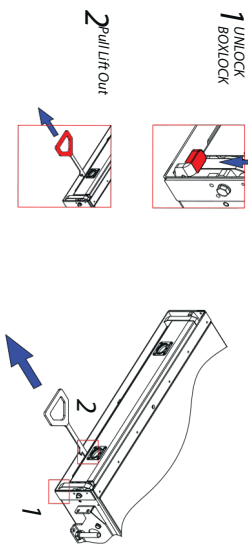
8 Lift In



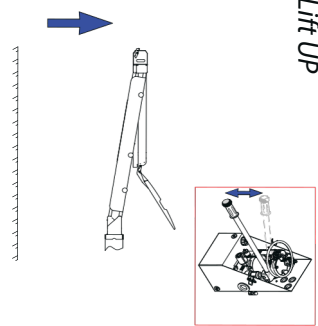


EQM Manual Override Procedure

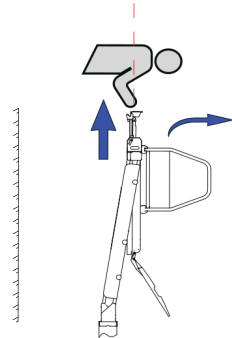
1 Lift Out



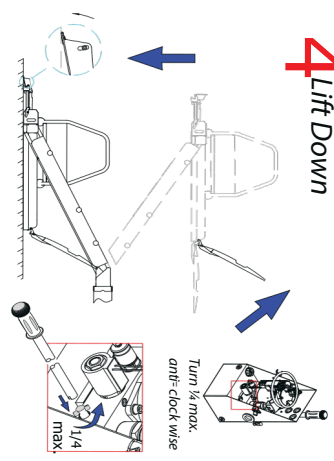
2 Lift UP



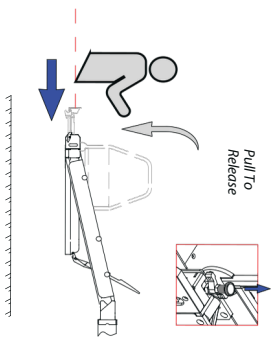
3 Lift Up Handrails. Pull Out Extension



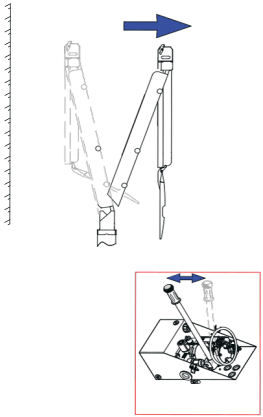
4 Lift Down



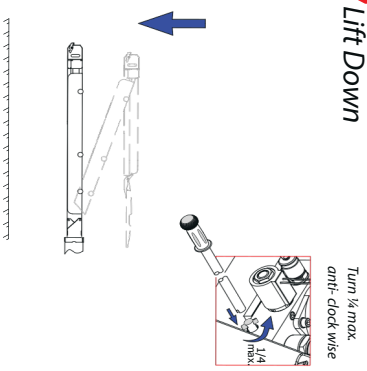
5 Push in Extension Fully Fold Down Handrails.



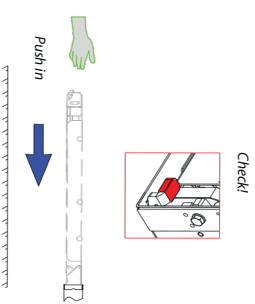
6 Lift UP To Stow



7 Lift Down



8 Lift In



Monthly Safety Checks for Operators

Regular lift maintenance is recommended at monthly intervals by the lift operating company. The working life of your lift will be greatly prolonged if these steps are adhered to.

This should include the following:

1. Check for obvious signs of damage, replace parts as necessary.
2. Check the operation and stowing of the lift, if the platform base is touching the bottom of the box adjust stow height by raising the N/S and O/S stowing bolts.
3. Check the box lock operation by attempting to pull the lift out of the box with the lock engaged. If this can be achieved, the hook will need to be LOWERED in relation to the handle and the lock nut firmly re-tightened.
4. Check the carriage lock operation by attempting to push the lift back into the box once the platform has been fully deployed. If this can be achieved the carriage lock mechanism will require adjustment.
5. Check the rear roll-off-ramp operation. Check ramp 'dummy pin' which holds ramp in vertical position whilst lift is stowed. Lubricate roll-off pivots with silicone spray.
6. Check bridging plate operation OK, must land flat on vehicle floor, see 'full lift manual' for adjustment instructions.
7. Check platform extension operation and security of alloy sheet. N.B. do not over-tighten fastenings which hold extension alloy! Check platform end stops are tight and vertically aligned.
8. Check hand rail operation and security. If components are corroded they should be replaced due to potential hazard to users! Check location pivot pins, these should be fully secure.
9. When cleaning the vehicle wash the working platform of the lift.
10. Check Up/Down pump for fluid leaks and loose/corroded electrics. Top up reservoir (with lift at ground position) with PLS Blue hydraulic oil, do NOT overfill. Coat any exposed electrics with dielectric grease (or similar) to protect.
11. Lubricate lift in accordance with 'Lubrication Diagram' (in main operation manual).

IF IN DOUBT, PLEASE CONTACT US

6 Monthly Service Checks

Servicing works should only be conducted by properly trained individuals

the following checks should be completed in addition to the items listed in the monthly safety checks.

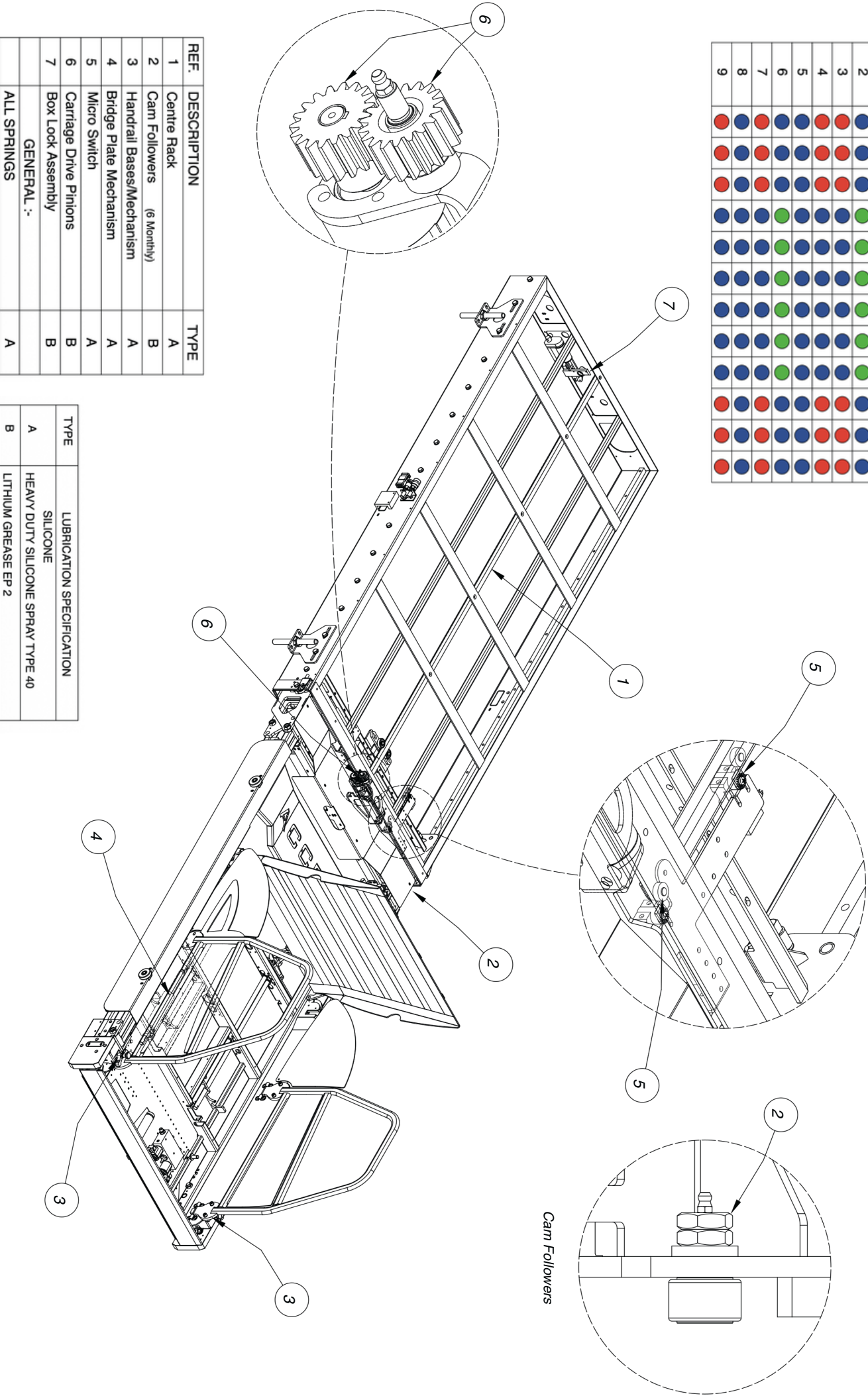
1. Check arm pivot pins, bushes, bearings and retaining grub screws.
2. Check cylinder rod clevis and grub screws.
3. Check cylinders for oil leaks. Replace piston seal if excessive oil leaking from the cylinder.
4. Remove bottom sheet, check all hoses and fittings for leaks, wear or perishing. When bottom sheet is replaced remember to position retaining bolts with nuts (on the OUTSIDE of stowage box). If access to the lift is not possible COMPLETELY REMOVE LIFT FROM STOWAGE BOX.
5. Check guide bearings, cam followers and carriage mechanisms.
6. With the lift fully powered out, and the bottom sheet removed: Clean the interior of the stowage cassette and degrease the side tracks and guide racks with solvent. DO NOT GREASE TRACKS OR CENTRE GUIDE, USE SILICONE SPRAY ONLY.
7. Check the UMBILICAL (main hydro/electrical cable between carriage and inside of box) for signs of wear, if split or damaged this must be replaced! NOTE: Umbilical should not be twisted.
8. Check platform wear strips (on underside of platform extension surface) for wear, or 'fastening protrusion' replace if necessary.
9. Check bridging plate for correct operation. The bridging plate must land flush with the vehicle floor and NOT form a trip hazard.
10. Check that the platform does not have a side-to-side 'kick'. If a 'kick' is present the lifting cylinders should be adjusted.
11. Check that the lift mounting brackets and track bolts are tight / secure and free from damage. Corrosion in this area of the lift is likely to occur, however if in an advanced state components should be exchanged for new items.
12. Check manual hand pump operation (see Auxiliary Hand Pump Operation Procedure), lubricate all pivot points. REMEMBER TO RETURN ANY MANUAL OVERRIDE TAPS TO THEIR CLOSED POSITION.
13. Check condition and security of arm side guards replace if damaged.
14. Check right hand arm hose tray, check hose and cable condition and all cable ties are in place correctly.
15. Check the handset wiring by powering the lift whilst manipulating the cable in any direction.

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Lubrication Diagram Euro Ski-Locker

Weekly = 
Monthly =  6 Monthly Inspection = 

Ref	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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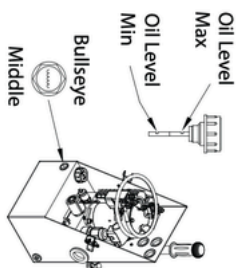


REF.	DESCRIPTION	TYPE
1	Centre Rack	A
2	Cam Followers (6 Monthly)	B
3	Handrail Bases/Mechanism	A
4	Bridge Plate Mechanism	A
5	Micro Switch	A
6	Carriage Drive Pinions	B
7	Box Lock Assembly	B
GENERAL :-		
ALL SPRINGS		A

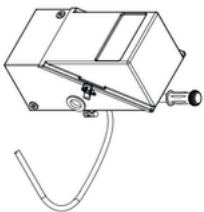
LUBRICATION SPECIFICATION	
TYPE	SILICONE
A	HEAVY DUTY SILICONE SPRAY TYPE 40
B	LITHIUM GREASE EP 2

Lift Layout

Check Oil Level
(Lift Must be Lowered
to the Ground)



Pump Mounting Options

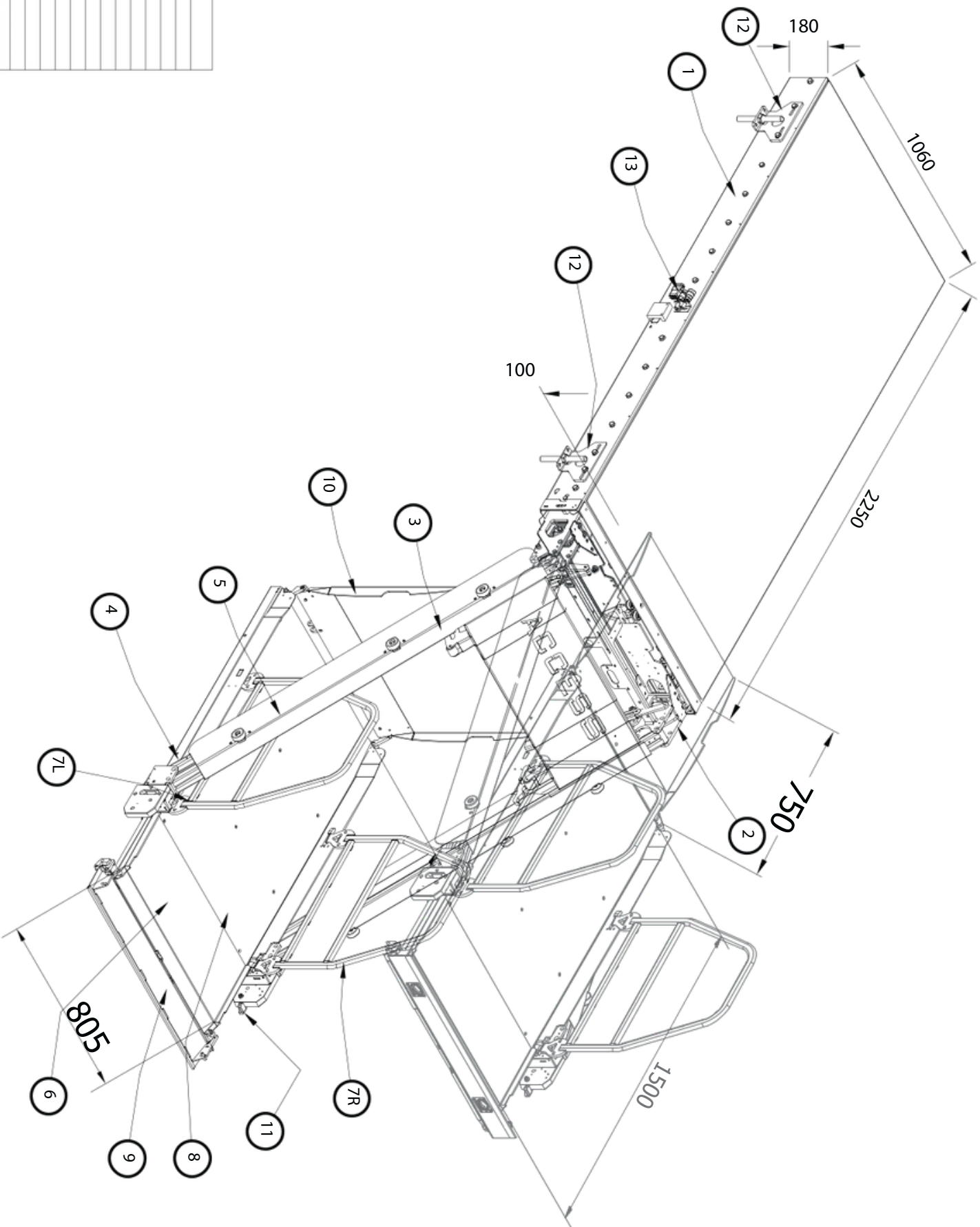


**Pump Vertically Mounted
"Internal Location"**

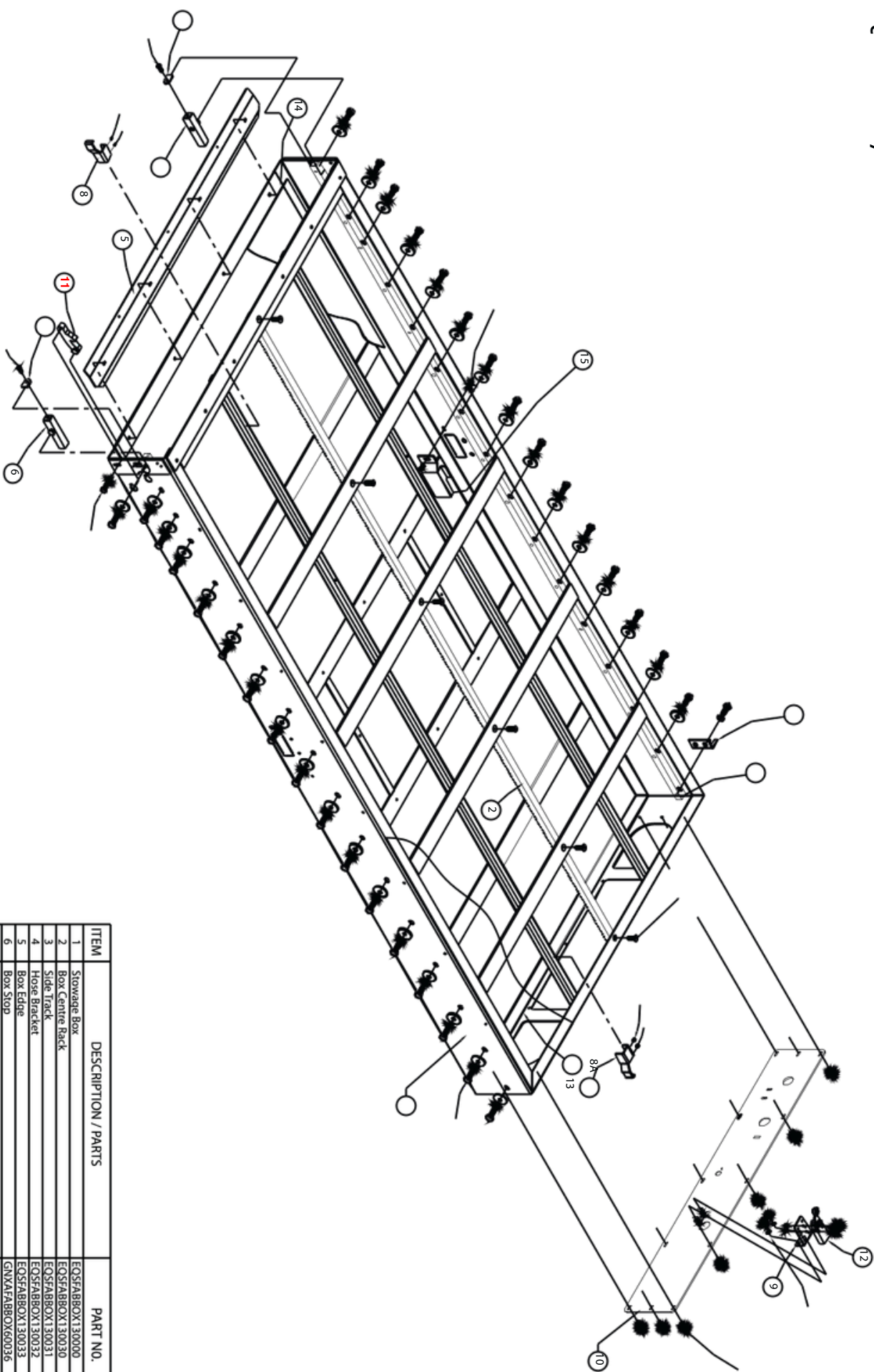


Pump Horizontally Mounted "External Location"

ITEM	DESCRIPTION / PARTS
1	Cassette Box
2	Carriage
3	Top Arms
4	Bottom Arms
5	Arm Guard
6	Extension
7L	Handrail LH
7R	Handrail RH
8	Platform
9	Roll off Ramp
10	Bridge Plate
11	Box Lock Handle
12	Mounting Bracket
13	Umbilical Assembly

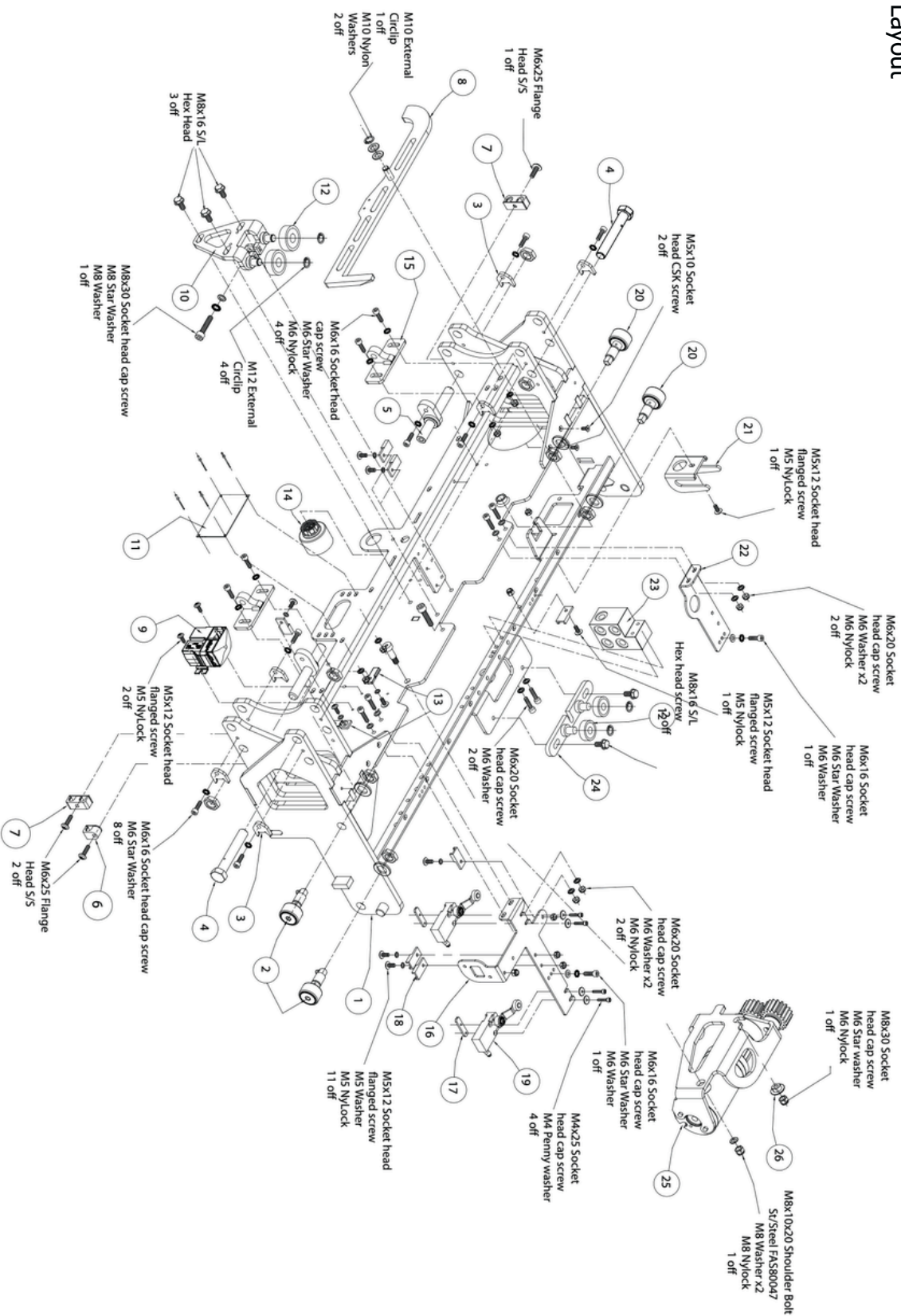


EQM Box Layout



ITEM	DESCRIPTION / PARTS	PART NO.	Qty.
1	Stowage Box	EQSFABBOX130000	1
2	Box Centre Rack	EQSFABBOX130030	1
3	Slide Track	EQSFABBOX130031	2
4	Hose Bracket	EQSFABBOX130032	1
5	Box Edge	EQSFABBOX130033	1
6	Box Stop	GNXAFABBOX60036	2
8	Carriage Switch Bracket	ACCFABCAR24031-LH	1
8A	Box Switch Mounting Bracket	ACCFABCAR24031-RH	1
9	Box Lock Plate	ACCFABCAR24016	1
10	Box Umbilical Guard LH	EQSFABBOX130083	1
11	Carriage Switch	ACC27603	1
12	Carriage Switch Mounting Bracket		1
13	Hose Bracket		1
14	Box Edge		1
15	Box Stop	ACCFABBOX20001	1

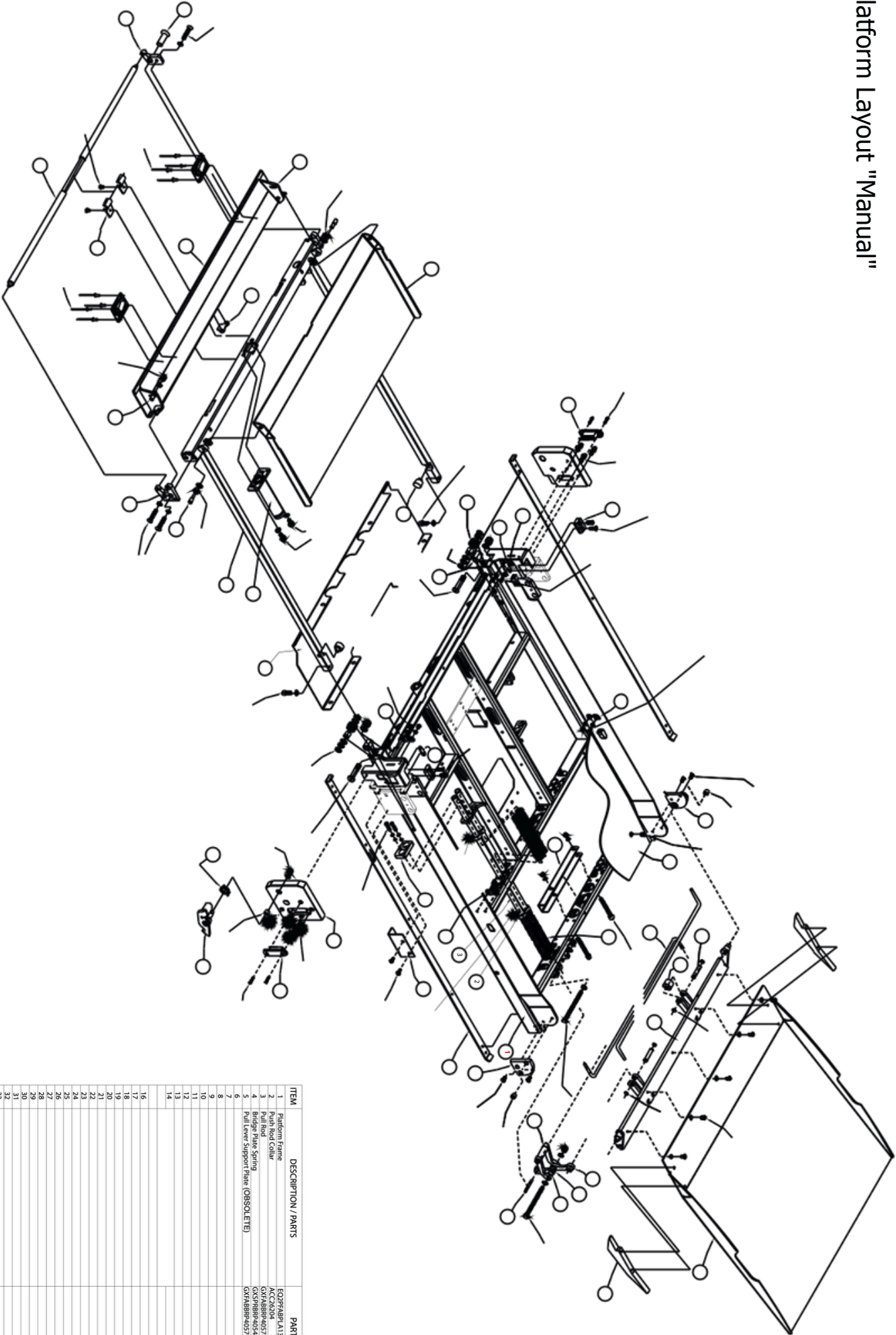
EQM Carriage Layout



ITEM	DESCRIPTION / PARTS	PART NO.	Qty.
1	Carriage Frame	EOSFABCAR130100	1
2	Gan Followers (w nuts & 90° nipples)	ACC35590	2
3	Pin Plate	EOSFABARM130232	2
4	Upper Arm Pin	EOSFABARM130230	6
5	Rocker Plate	EOCHFBCAR130140	2
6	Yellow Single Hose Clip	ACCHYCPLB212PA	1
7	Yellow Double Hose Clip	ACCHYDCLBG2121PA	2
8	Carriage Lock	ACSWFBCAR90180	1
9	Solenoid Loom	ACCJ2466	1
10	Front Centre Bearing Carrier (lightweight)	ACCFCBCAR80135	1
11	400 kg SWL Plate	ACCZ3520	1
12	Centre Bearing	ACCZ2798	4
13	Deutsch Clip-Male	1011-027-0805	2

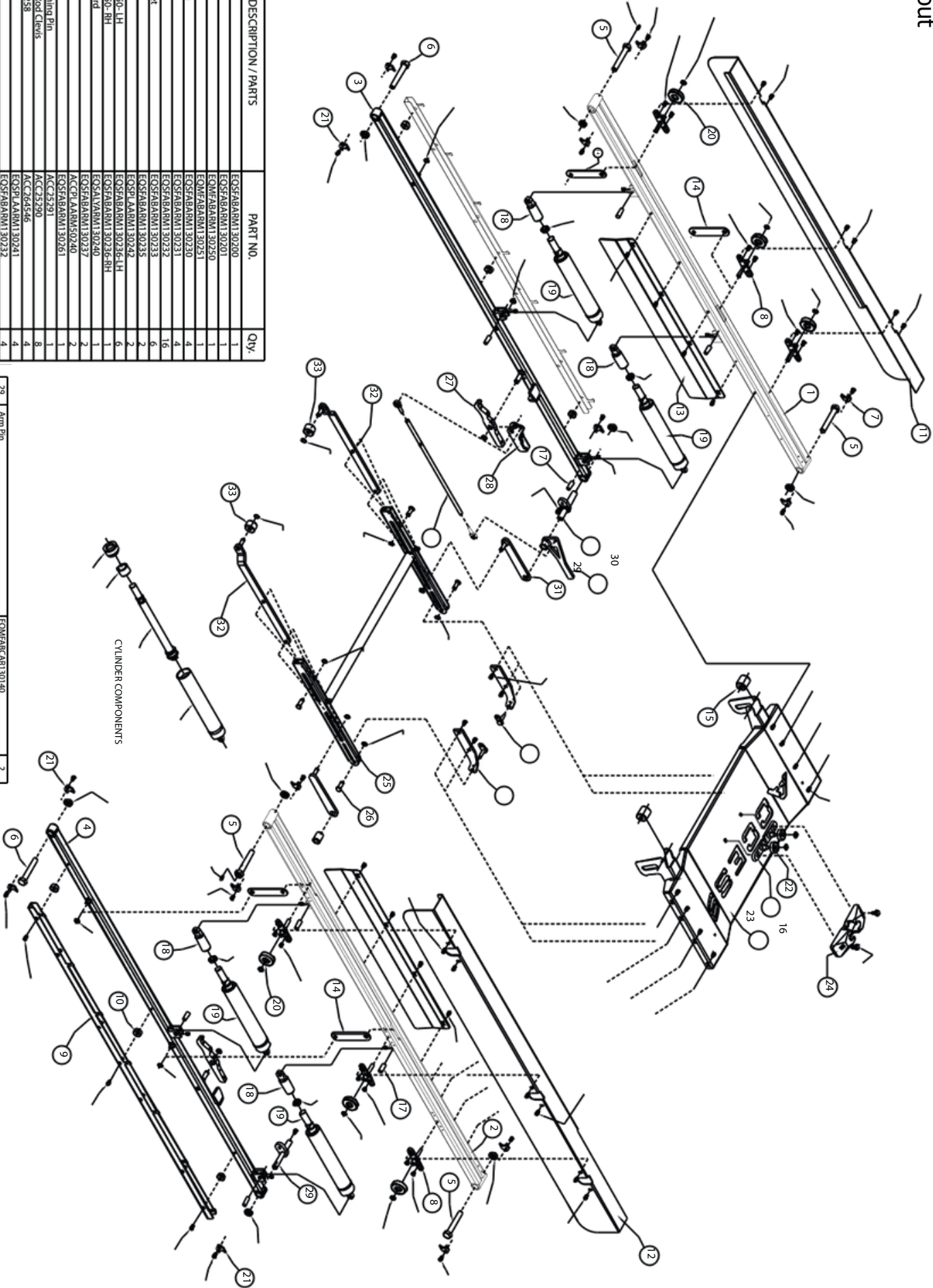
ITEM	DESCRIPTION / PARTS	PART NO.	Qty.
14	White Buzzer/Sounder Assembly	ACCZ7024	1
15	Lever Pivot BRKT	EQMFABRCAR130141	2
16	Switch Bracket	ACECFABRCAR50139	1
17	Box Lock Tapping Plate	GNMXFABBOX60039	2
18	Deutsch Clip-Female	1011-02-0205	11
19	Arm Roller Switch	ACCZ7581	1
20	Cam Followers (C/W nuts & straight nipples)	ACCZ5590	2
21	Umbilical Bracket	EQSFABRCAR130135	2
22	Anti-Twist Bracket	GNMXFABRCAR60130-050	1
23	Mainfold	EQSFABRCAR130132	1
24	Rear Centre Bearing Carrier	ACCZ5085	1
25	Motor Assembly	ACCGASMOJ24068-24V	1
26	Motor Bracket Support Boss	ACECFABRCAR04075	1

Note:- Fixings may vary



ITEM	DESCRIPTION / PARTS	PART NO.	QTY.
1	Platform Frame	IC03F48P-A130305	1
2	Push Rod Collar	ACC26204	4
3	Pull Rod	GXN888P-05278	2
4	Bridge Plate Spring	GXS7888P-05444	4
5	Pull Lever Support Plate (OBSOLETE)	GXN888P-05279	1
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39	Extension platform cam followers	ACC25673	2
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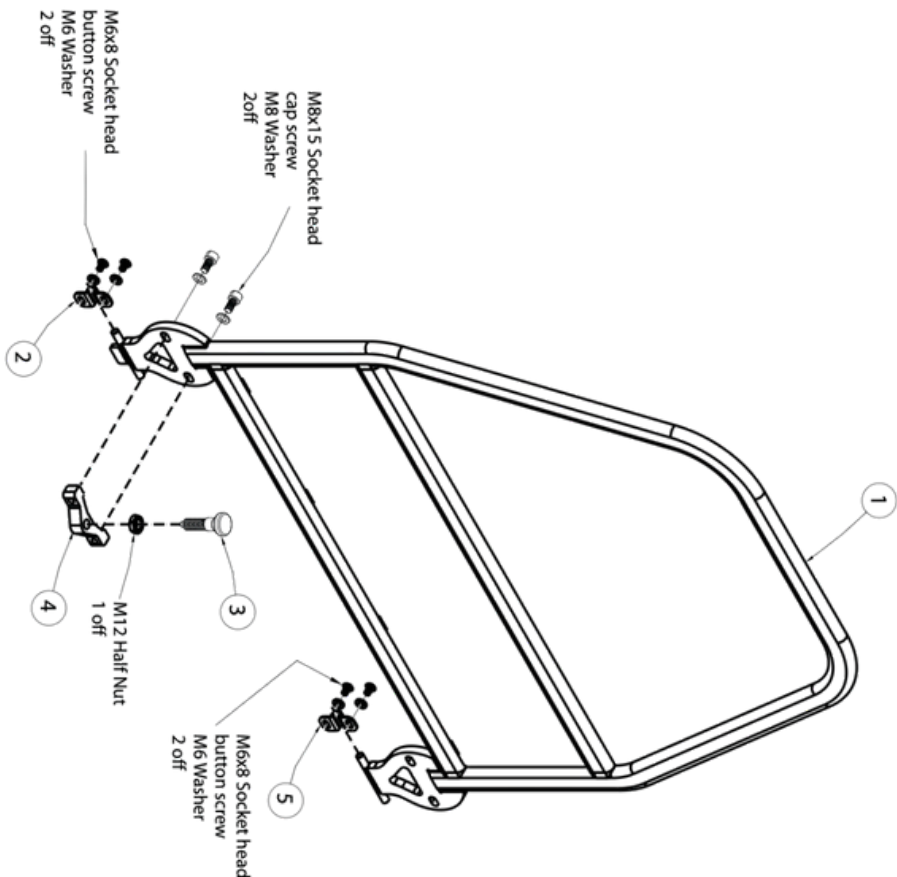
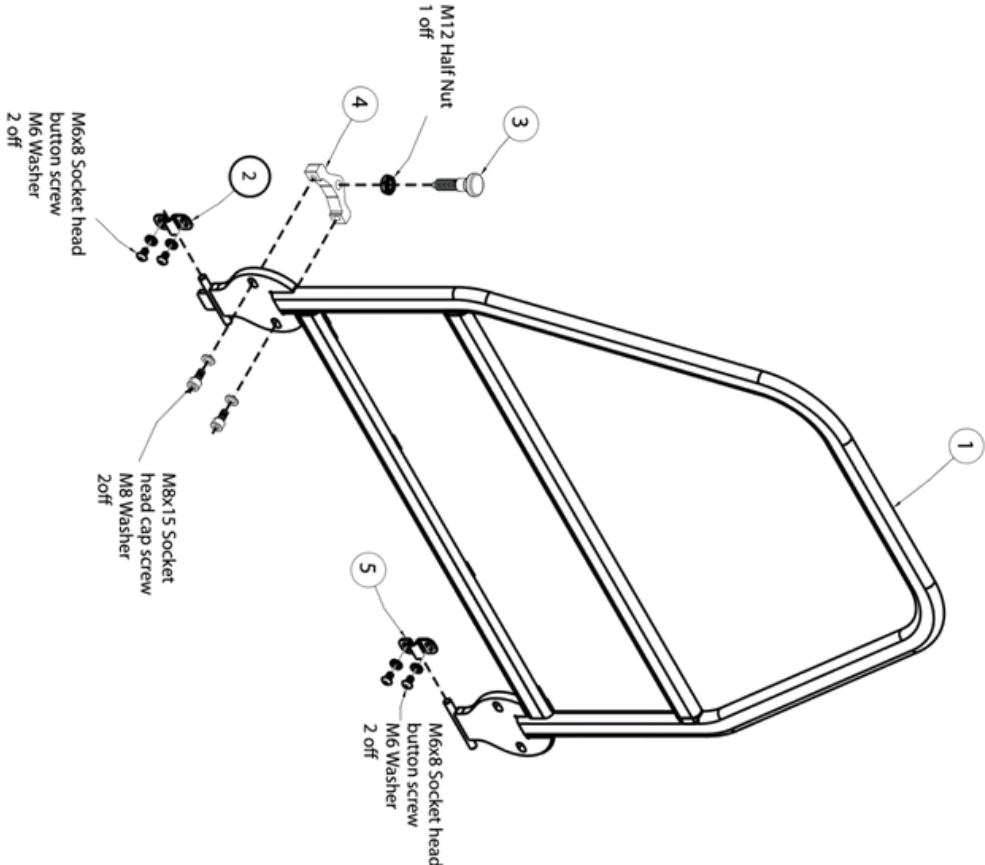
Arm Layout



ITEM	DESCRIPTION / PARTS	PART NO.	QTY.
1	Upper LH Arm	EOSFABARM1 30200	1
2	Upper RH Arm	EOSFABARM1 30201	1
3	Lower LH Arm	EQMFABARM1 30250	1
4	Lower RH Arm	EQMFABARM1 30251	1
5	Upper Arm Pin	EOSFABARM1 30230	4
6	Lower Arm Pin	EOSFABARM1 30231	4
7	Pin Plate	EOSFABARM1 30232	16
8	Bearing Bracket	EOSFABARM1 30233	6
9	Hose Guard	EOSFABARM1 30235	2
10	Guard Supports	EOSPLAARM1 30242	2
11	Arm Guard 1650- LH	EOSFABARM1 30236- LH	6
12	Arm Guard 1650- RH	EOSFABARM1 30236- RH	6
13	Inner Arm Guard	EOSALVARM1 30240	1
14	Tie Plate	EOSALVARM1 30240	2
15	Roller	EOSFABARM1 30237	1
16	Brace Cover	ACCPLAARM50240	1
17	Cylinder Retaining Pin	ACC25291	1
18	Arm Cylinder Rod Clevis	ACC25290	8
19	Lift Cylinder 8258	ACC264546	4
20	Arm Roller	EOSPLAARM1 30241	4
21	Pin Plate	EOSFABARM1 30232	4
22	Centre Bearing	ACC27298	2
23	Rear Centre Bearing Carrier	ACC25085	1
24	Bearing Cover	EOSPLAARM1 30249	1
25	Lower Brace	EQMFABARM1 30253	1
26	Lower Brace Pin	EQMFABARM1 30260	4
27	Arm Roller	EQMFABARM1 30255	2
28	Rocker BRKT	EQMFABARM1 30256	1

29	Arm Pin	EQMFABARM1 30140	2
30	Rocker	EQMFABARM1 30139	1
31	Lower Link	EQMFABARM1 30259	1
32	Arm Lever	EQMFABARM1 30254	2
33	Roller	ACCPLAARM50247	2
34	Roller Pin	EQMFABARM1 30257	2
35	Brace Guide	EQMFABARM1 30252	2
36	Rocker Bar	EQMFABARM1 30258	1

Handrail Layout



ITEM	DESCRIPTION / PARTS	PART NO.	Qty.
1	Handrail	UQFABHAN130505	2
2	Handrail Hinge Block	EQSFABPLA130343	4
3	Index Plunger	GN613-6-AK Index plunger	2
4	Handrail Lock Bridge Block	EQSFABHAN130530	2
5	Handrail Hinge Plate	EQSFABPLA130343	4

Note:- Fixings may vary

For further information and
support visit us at
passengerliftsolutions.com