EALIFT

Manual for safe installation and operation

PASSENGER LIFT SOLUTIONS

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This manual aims to provide users with all the information they require to ensure that they are able to both use the lift appropriately and are able to manage it as autonomously and safely as possible.

Before performing any operations on the lift, users and operators must carefully read the instructions given in this publication.

In the event of any doubt over the correct interpretation of the instructions, contact Passenger Lift Solutions technical department to obtain clarification.

This manual is an integral part of the lift and made available for use by the operators.

Data and drawings are indicative only, with a view to the continuous development and updating of its products, the manufacturer may modify the contents without notice.

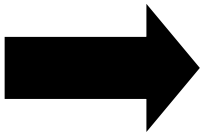
It is prohibited to disclose, edit or use this manual for any other purposes.

These symbols indicate IMPORTANT information used by the manufacturer and the user

READ THIS MANUAL BEFORE USE

This symbol indicates areas that need routine maintenance

This symbol indicates improper use of the lift



indicates IMPORTANT areas for the Safe operation of the Lift

This symbol indicates that a potentially hazardous situation could occur.

This symbol indicates Operators area of responsibility.

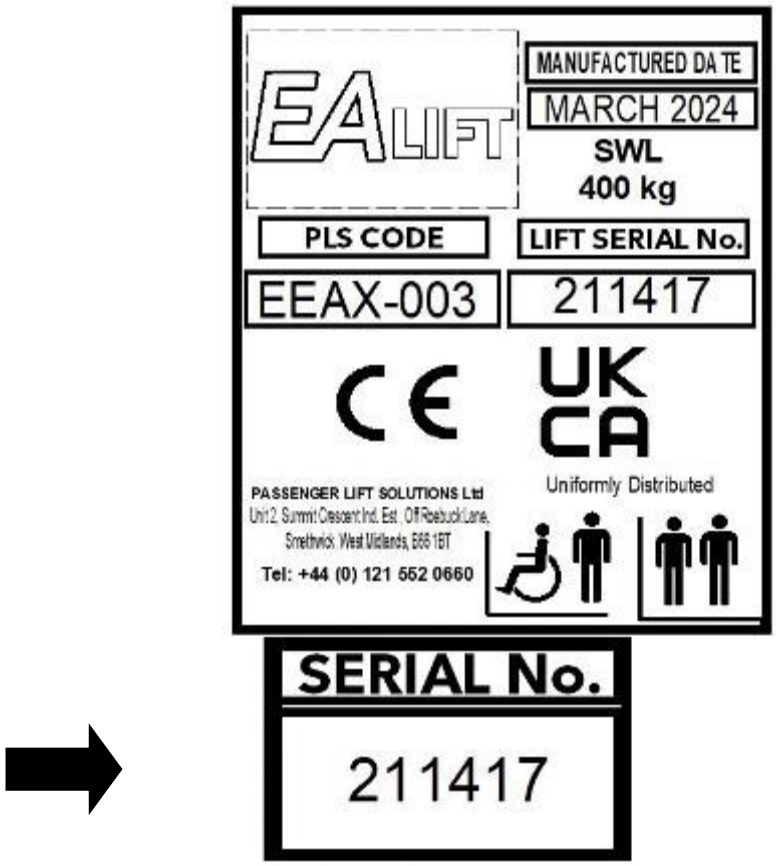
This symbol indicates critical visual inspection point

The lift device is manufactured in compliance with the relevant EC directives applicable on the date of entering the market.

The device carries a specific identification plate which, includes the CE marking, guarantee of the compliance of the device to the directives / standards referred to the Declaration of Conformity.

The plate, an example of which is shown here, includes the data indicating the specific model and unit.

NOTE: the Lift Serial Number is required for ALL correspondence with the factory.



REMOVING OR TAMPERING WITH THE IDENTIFICATION PLATE WILL VOID ALL WARRANTY

The lift owner is the person who purchases the product, and/or oversees its use, this person is legally responsible for the lift's safe use.

The accompanying person, also known as the operator is responsible for the safe operation of the lift.

The operator is individually responsible for the safe use and maintenance of the lift.

The lift owner is responsible for allowing access to this manual on the PLS website, ensuring that it is read and fully understood by all potential lift operators before operating the lift.

No operator will use the lift if they believe that it is unsafe and by doing so could injure themselves other others.

Warranty

Full warranty Terms and Conditions can be found at:

https://passengerliftsolutions.com/warranty/

The operator must be fully trained in all the operation aspects of the lift such as the transportation of people with reduced mobility (PRM)

PHYSICAL

Possess the required physical qualities / characteristics to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Good hearing & eyesight
- Physically capable of performing all operational functions of lift
- Not impaired by the consumption of legal and/or illegal substances (such as alcohol and / or drugs)

MENTAL

Possess the required mental qualities / characteristics to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Understanding & application of the safety rules and procedures while being constantly aware and pro-active to ensure the safety of operator, consumer and nearby people.
- Have the knowledge / skills to perform as an assistant and/ or operator in all aspects of lift operation, e.g. the safe transportation, loading and unloading of disabled and other passengers.

EMOTIONAL

Possess the required emotional qualities / characteristics to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Work in a calm & safe manner so to prevent stress from impairing good judgement.
- To be emotionally stable during normal or abnormal situations

TRAINING

Possess the required training to ensure safe operation of lift in a safe and controlled manner. Examples include:

- Completed operational training supervised by an experienced operator or Passenger Lift Solutions in an environment which is safe and controlled. Such supervised training should allow the trainee to gain working experience in all operation aspects of the lift.

Before operating Passenger Lift: fully familiarise yourself with the lift controls, relevant safety procedures and possible hazards, signified by warning labels or highlighted in your Operators Risk Assessment

Lift safety:

- Only an authorised fully trained operator must control the lift.
- Ensure the vehicle doors are secured fully open, well clear of the lift platform.
- Keep within the stated maximum safe working load (SWL).
- Keep people away from the operating area (inside and outside the vehicle).
- Ensure the platform is always level (horizontal, not more than 5%).
- NEVER leave the lift unattended at ground level if passengers are onboard.
- When the lift is not in use controls should be deactivated.
- Ensure that the lift is correctly stowed after loading.

Operators ensure that:

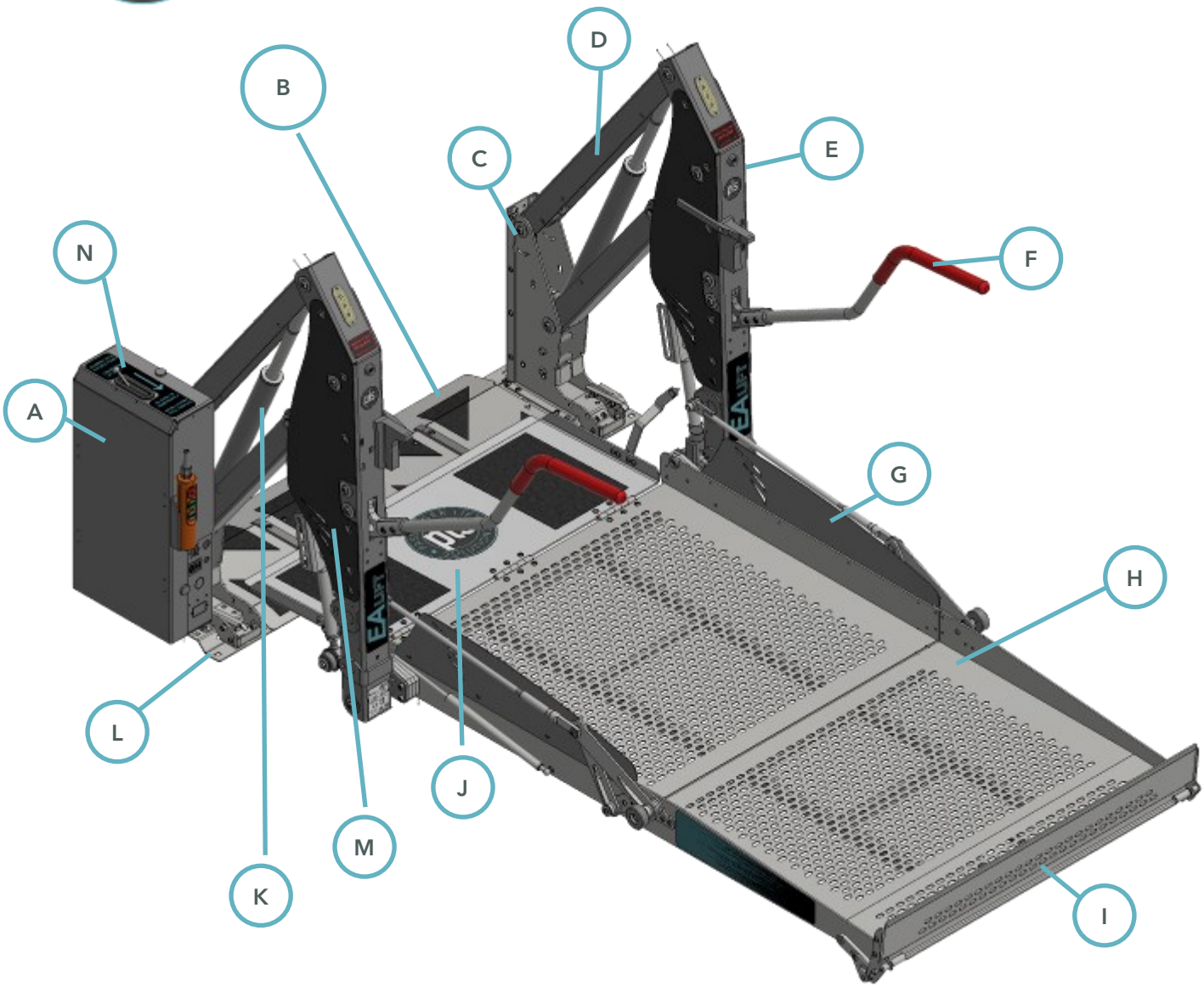
- Lift will lower to firm, level ground
- Scooter or powered wheelchair is not larger than the lift platform in any direction
- Tail lift is in a FULLY operational condition..
- Lift Inner Barrier lands flat onto transfer
- Lift Outer, External Barrier vertically (vertically upright) and fully operational
- Accompany the passenger on the lift if possible, but do not overload the lift.
- You have a clear view of the lift platform before the passenger moves onto it.
- NEVER leave passengers unattended at any time.
- The passenger should not be required to operate ANY controls.

Loading and Unloading Procedure

- Explain to passenger the sequence of movements that will occur.
- Where possible passenger should dismount scooters and board vehicle separately.
- Ensure that the lift platform and area around the lift are free from obstruction.
- Ensure that the lift platform is in the correct position before moving onto it.
- Ensure the correct equipment is supplied.
- It is preferable that the passenger transfers to the static vehicle seats and seat belts.
- Secure wheelchair and occupant within the cabin.
- Scooters should be pushed onto the lift platform, NOT DRIVEN.
- Ensure that persons or equipment do not overhang the platform.
- Scooter brakes are applied BEFORE lift begins motion (or wheels blocked).
- All power to scooter is turned OFF.
- Operate lift platform to vehicle floor.
- Scooters must be pushed off the lift platform, NOT DRIVEN.

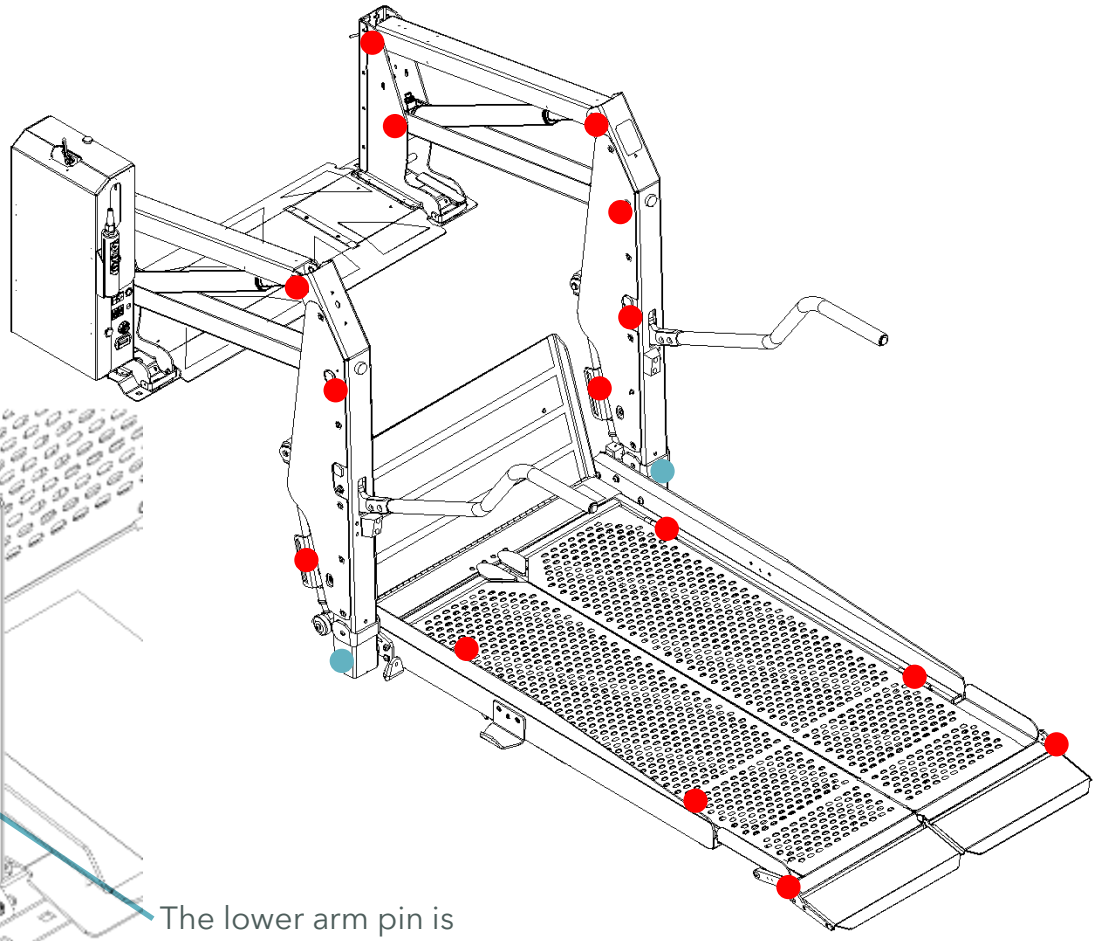
Please note: *The transportation of scooters and large powered wheelchairs may require a NON-STANDARD tail lift size or specification. Where possible PLS can provide longer, wider platforms, and higher roll-off ramps, to help combat the increased hazards related to larger passenger vehicle transportation*

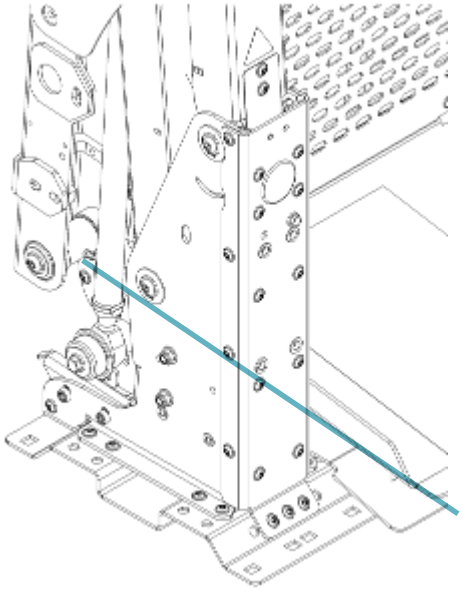
Lift Familiarisation



A	Power Pack	H	Platform
B	Transfer (Threshold) Plate	I	Outer Barrier (Roll Off Ramp)
C	Tower	J	Inner Barrier (Bridge Plate)
D	Lifting Arms	K	Lifting Cylinder
E	Outer Arm	L	Base Plate
F	Handrails	M	Arm Guard
G	Platform Guards	N	Manual over-ride handle

Lubrication



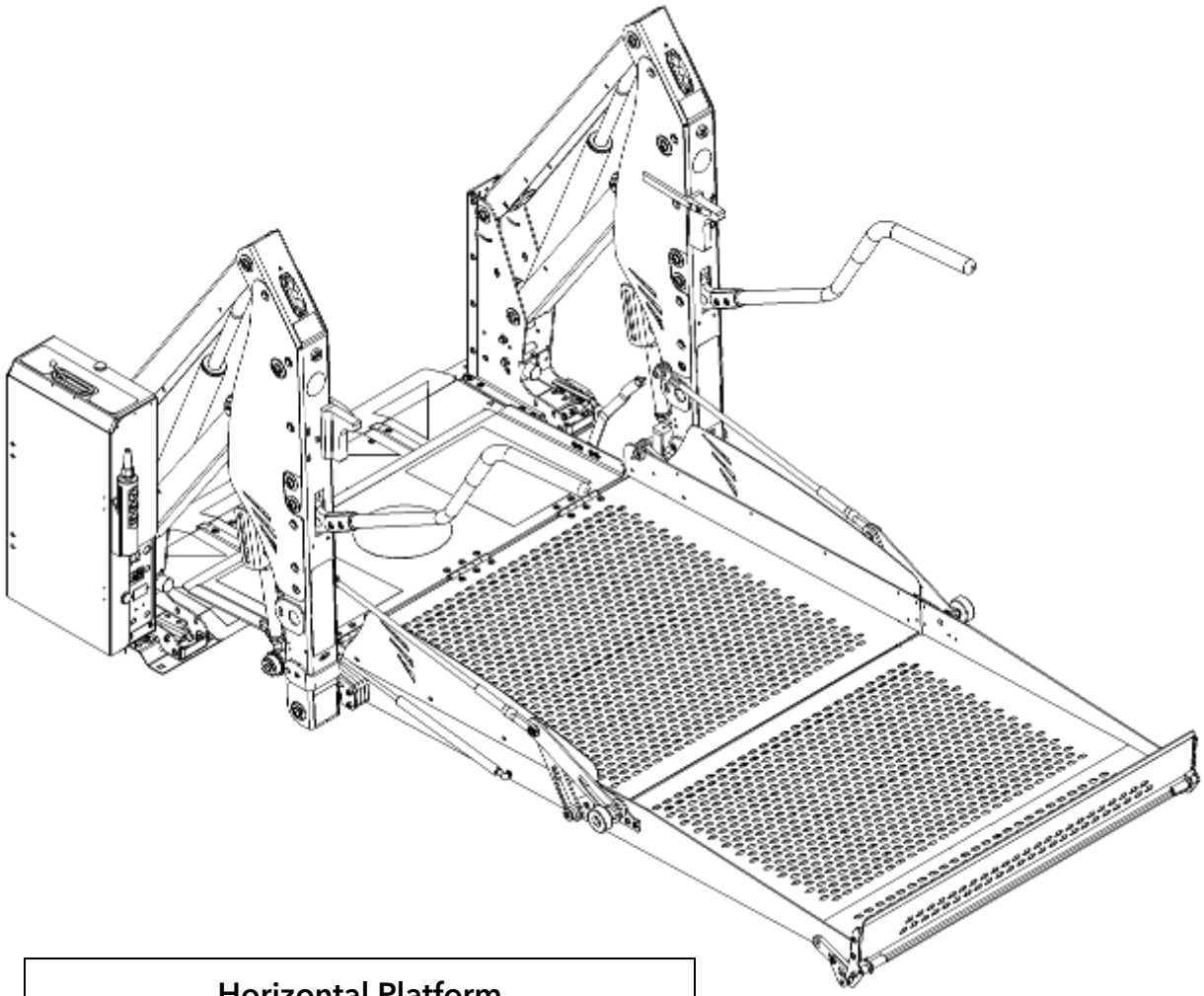


The lower arm pin is lubricated via the grease nipple shown

●	Lower Arm Pins	Moly Grease
●	All Other Moving parts Including folding lift and gate hinges	ACF-50

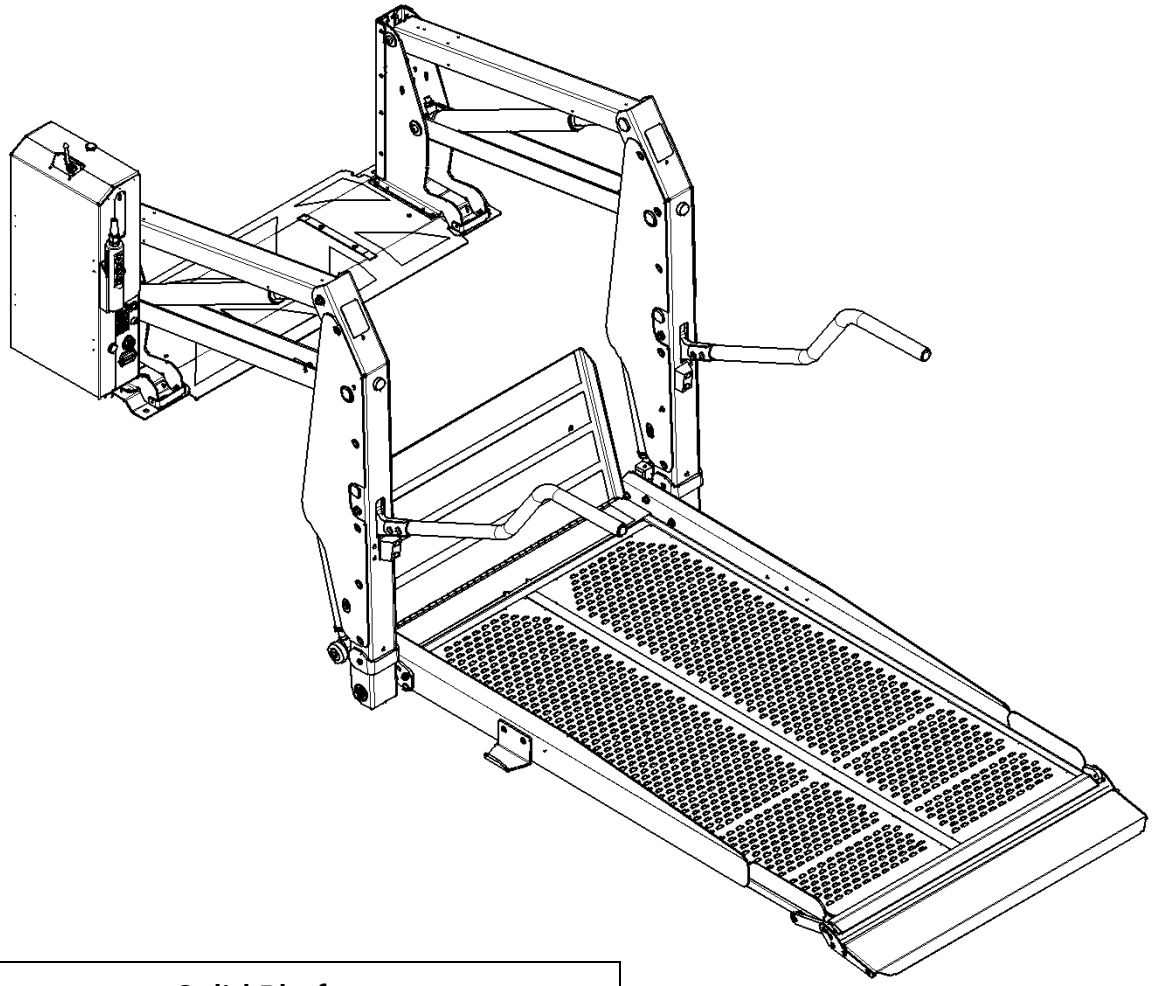
NOTE: **DO NOT** lubricate the power pack

Horizontal Split Version



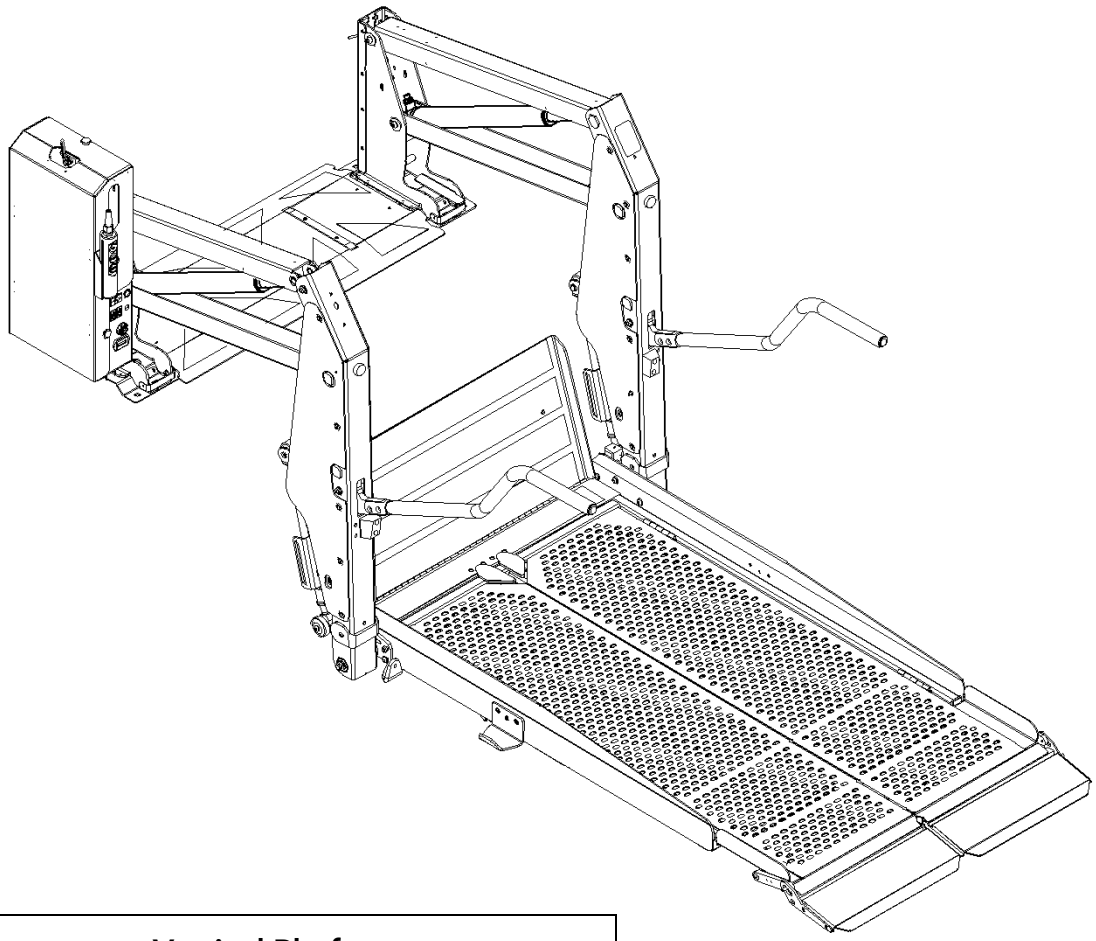
Horizontal Platform		
	Platform Width	Platform Length
H1310745	745	1310
H1310905	905	1310
H1510805	805	1510
H1510865	865	1510
H1510905	905	1510
H1610905	905	1610

Solid version



Solid Platform		
	Platform Width	Platform Length
S1300915	915	1300
S1300815	815	1300
S1500875	875	1500
S1500915	915	1500
S1600915	915	1600

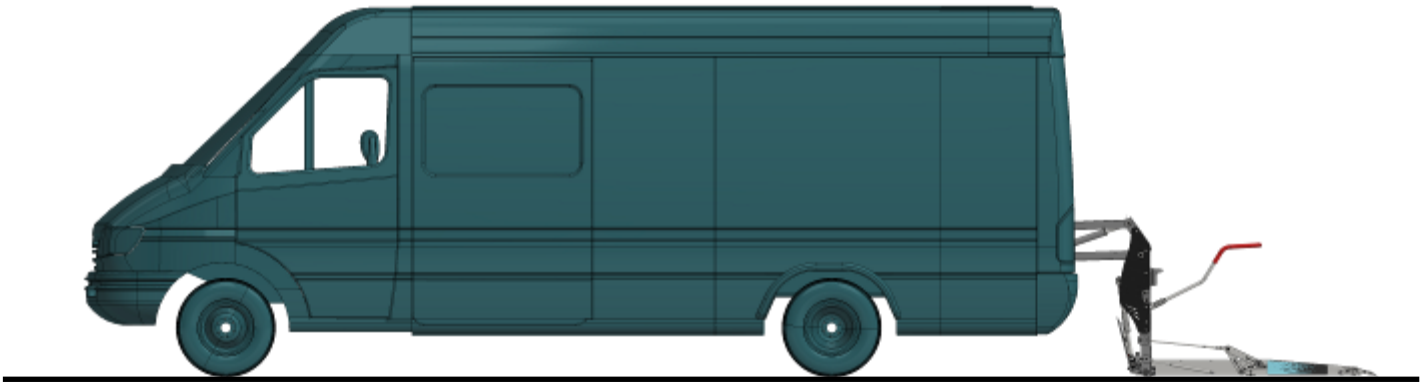
Vertical Split version

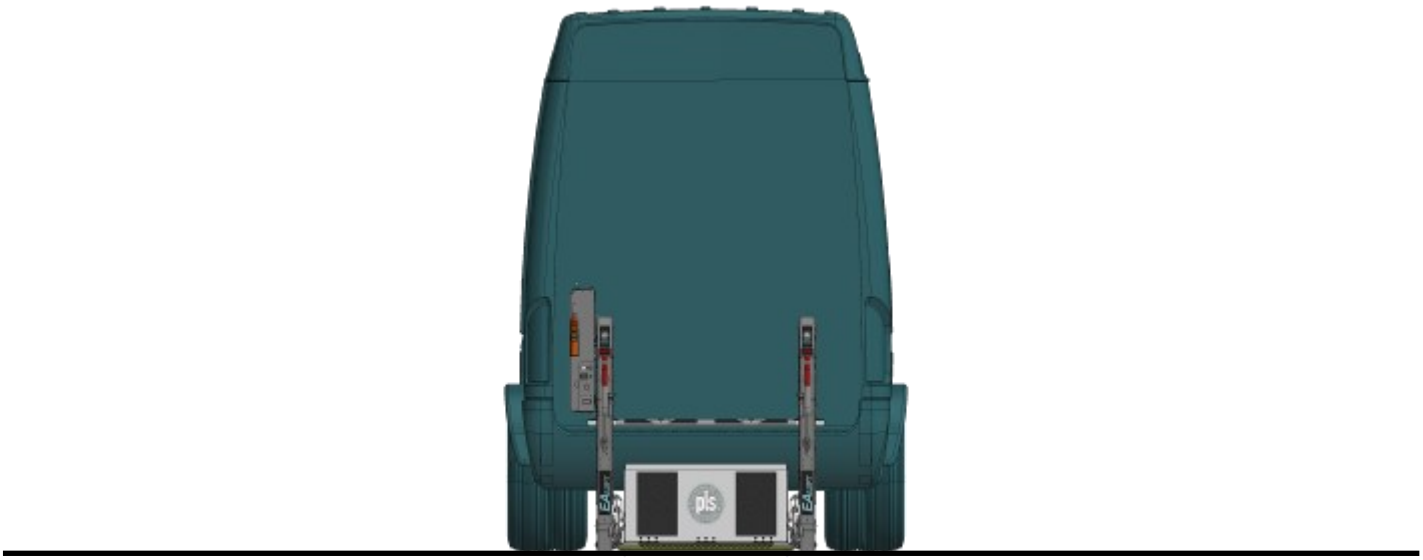


Vertical Platform		
	Platform Width	Platform Length
V1300815	815	1300
V1300915	915	1300
V1450815	815	1450
V1450915	915	1450
V1500815	815	1500
V1500875	875	1500
V1500915	915	1500
V1600815	815	1600
V1600915	915	1600

Intended Use

This passenger lift intended for installation into vehicle that is designed for transportation of people with reduced mobility. This lift must only be used by an authorised and trained operator who possesses the requirements to safely perform its operation.

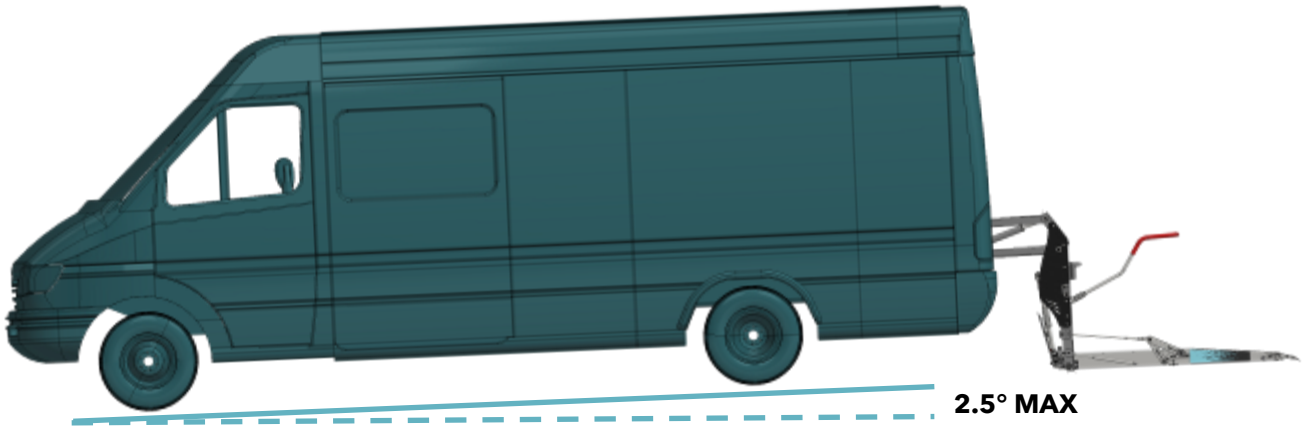


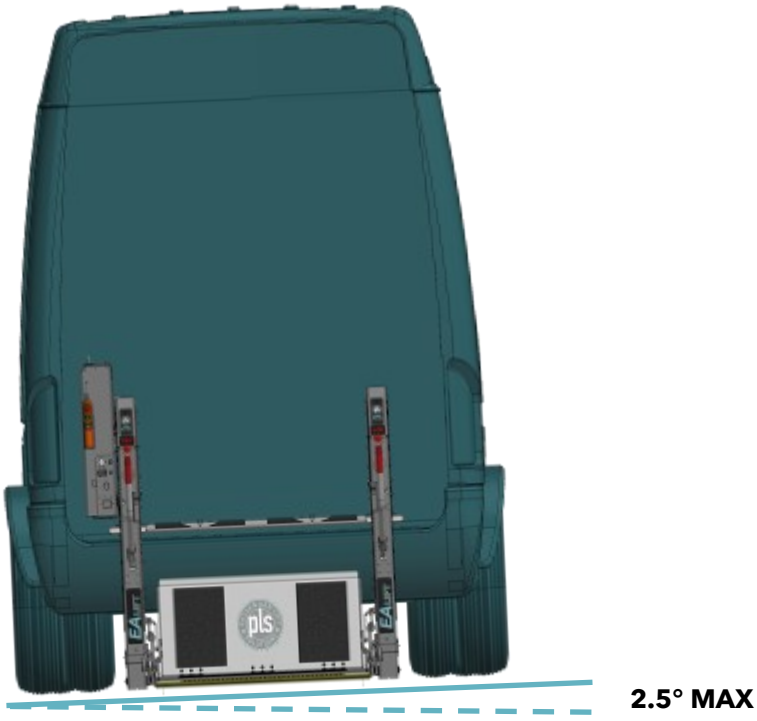


Anything that is not specifically referred to in **THIS SECTION is considered IMPROPER USE**

THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGE CAUSED TO PERSONS OR PROPERTY OR THE LIFT ITSELF DUE TO ANY USE OTHER THAN THAT DESCRIBED IN THIS MANUAL

Improper Use





DO NOT attempt to climb onto or step off the lift while it is moving

It is advisable to use the lift on flat and level ground

DO NOT use at an angle more than 2.5 ° from level in any direction

Anything that is not specifically referred to in **THIS SECTION is considered IMPROPER USE**

THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGE CAUSED TO PERSONS OR PROPERTY OR THE LIFT ITSELF DUE TO ANY USE OTHER THAN THAT DESCRIBED IN THIS MANUAL

Intended Use

The lift is designed to transport:

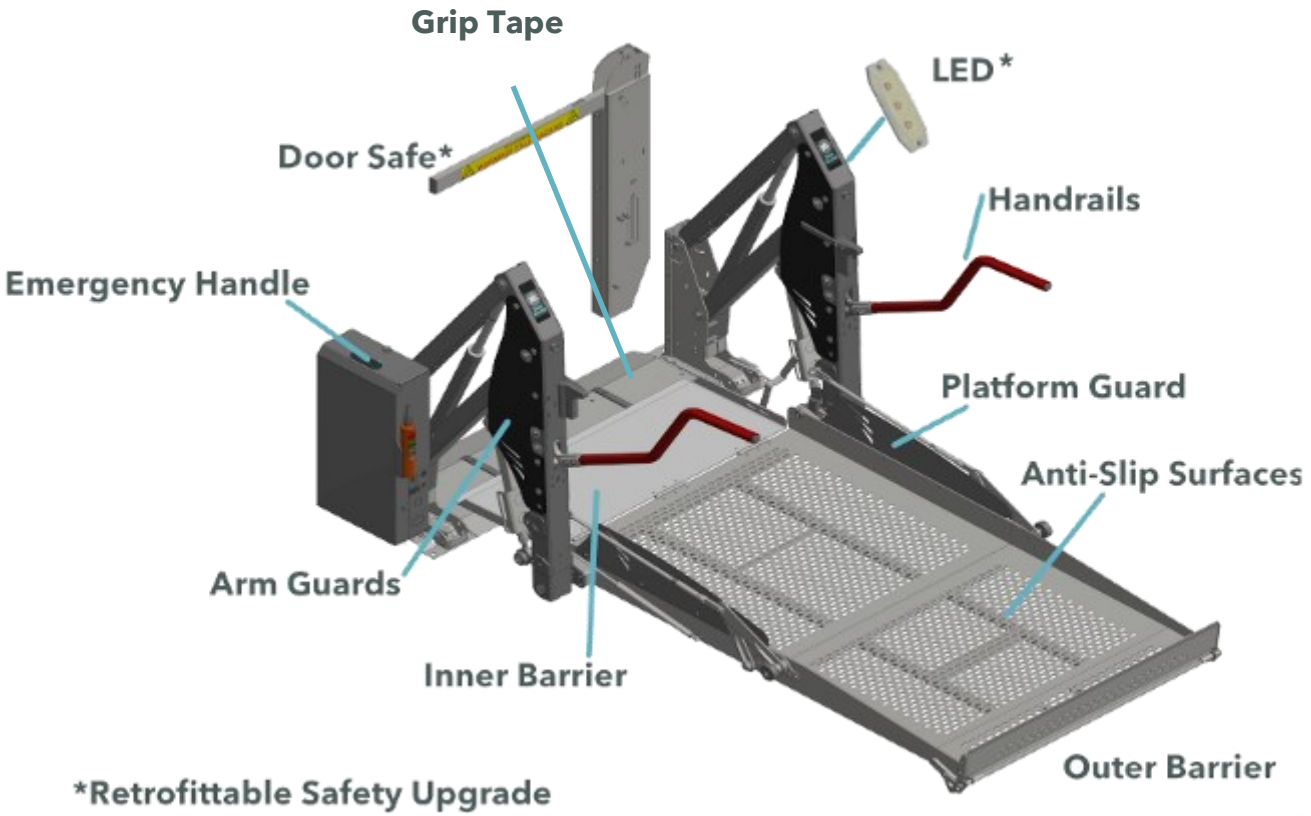
A person with reduced mobility, with or without an attendant, within a size not larger than the width and length of platform space available, or weight greater than the stated SWL capacity.

Or:

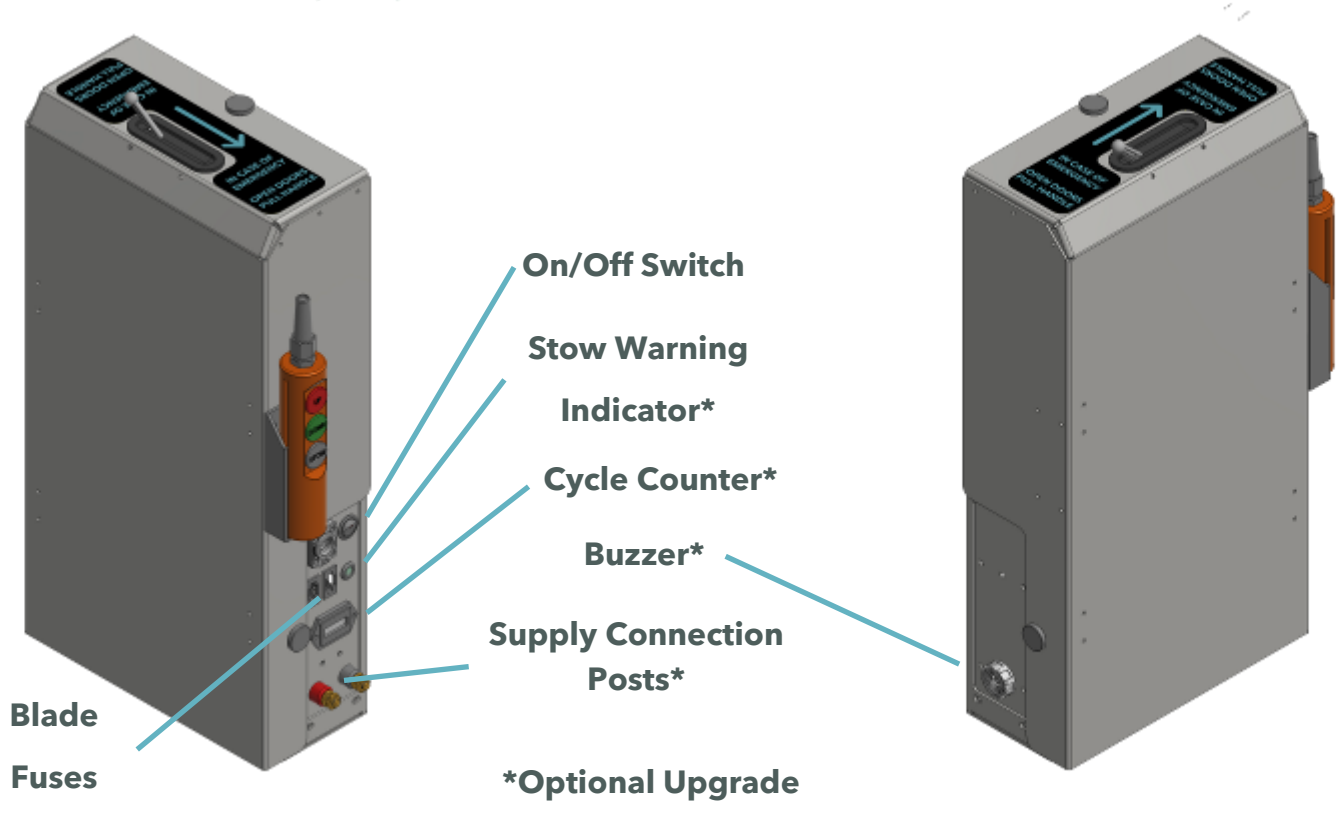
The operator should not use the lift to transport more than two walking passengers. The lift is not designed to transport more than this and may be dangerous to do so.

The passengers may also require extra space for other mobility equipment.

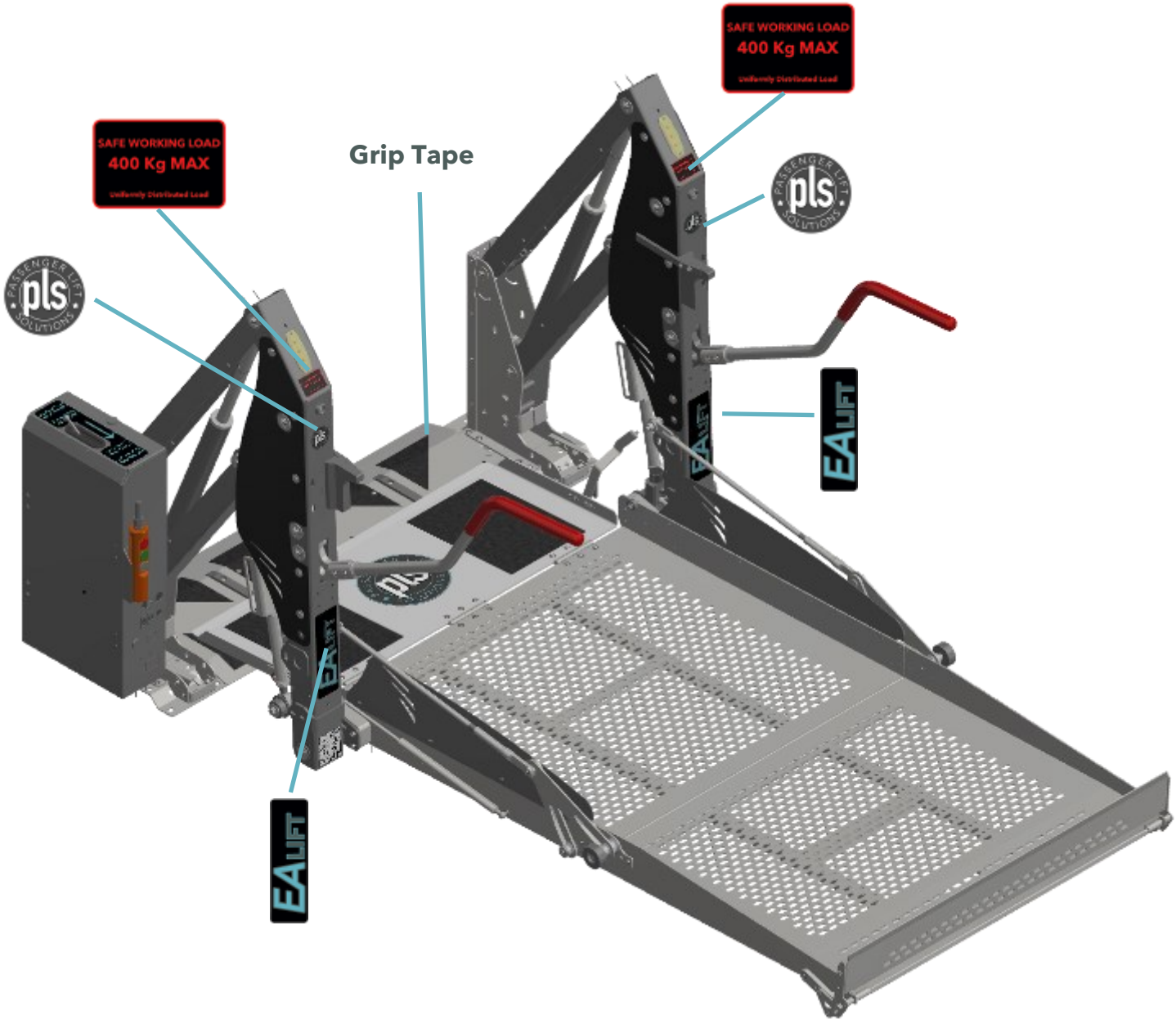
Safety Devices



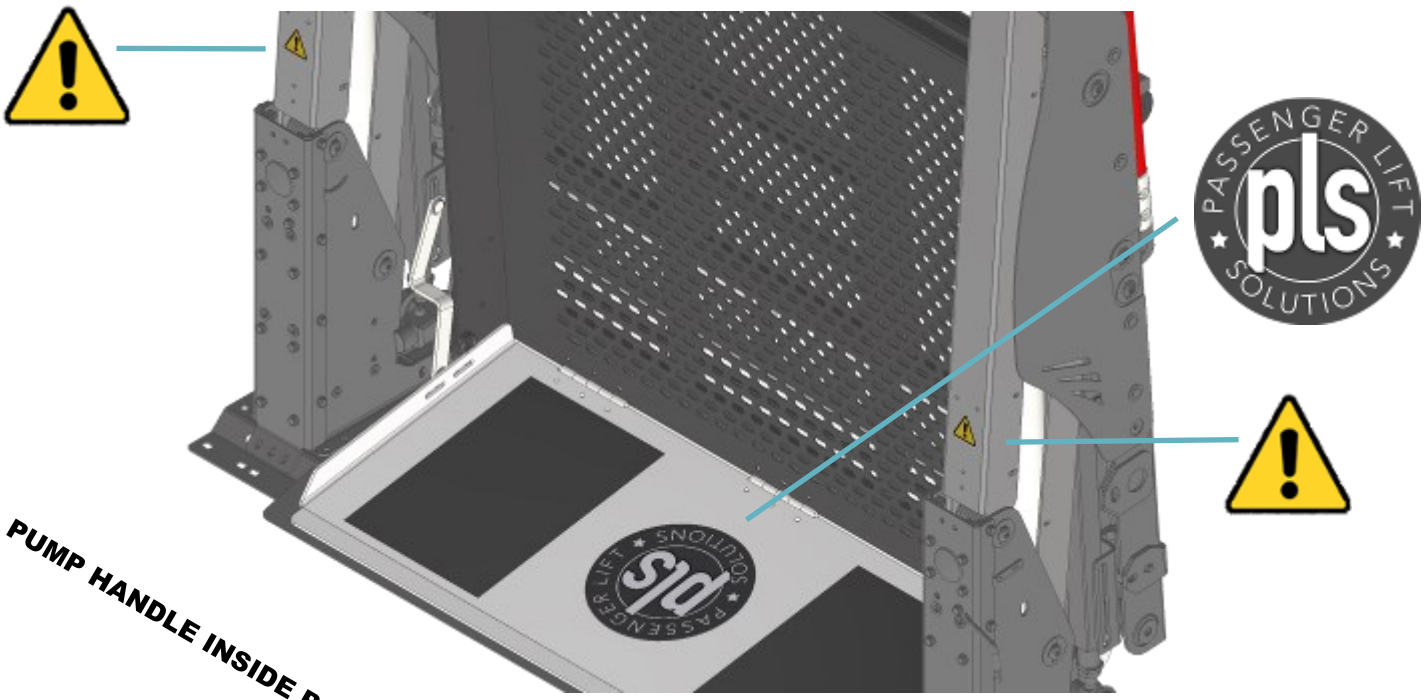
*Retrofittable Safety Upgrade



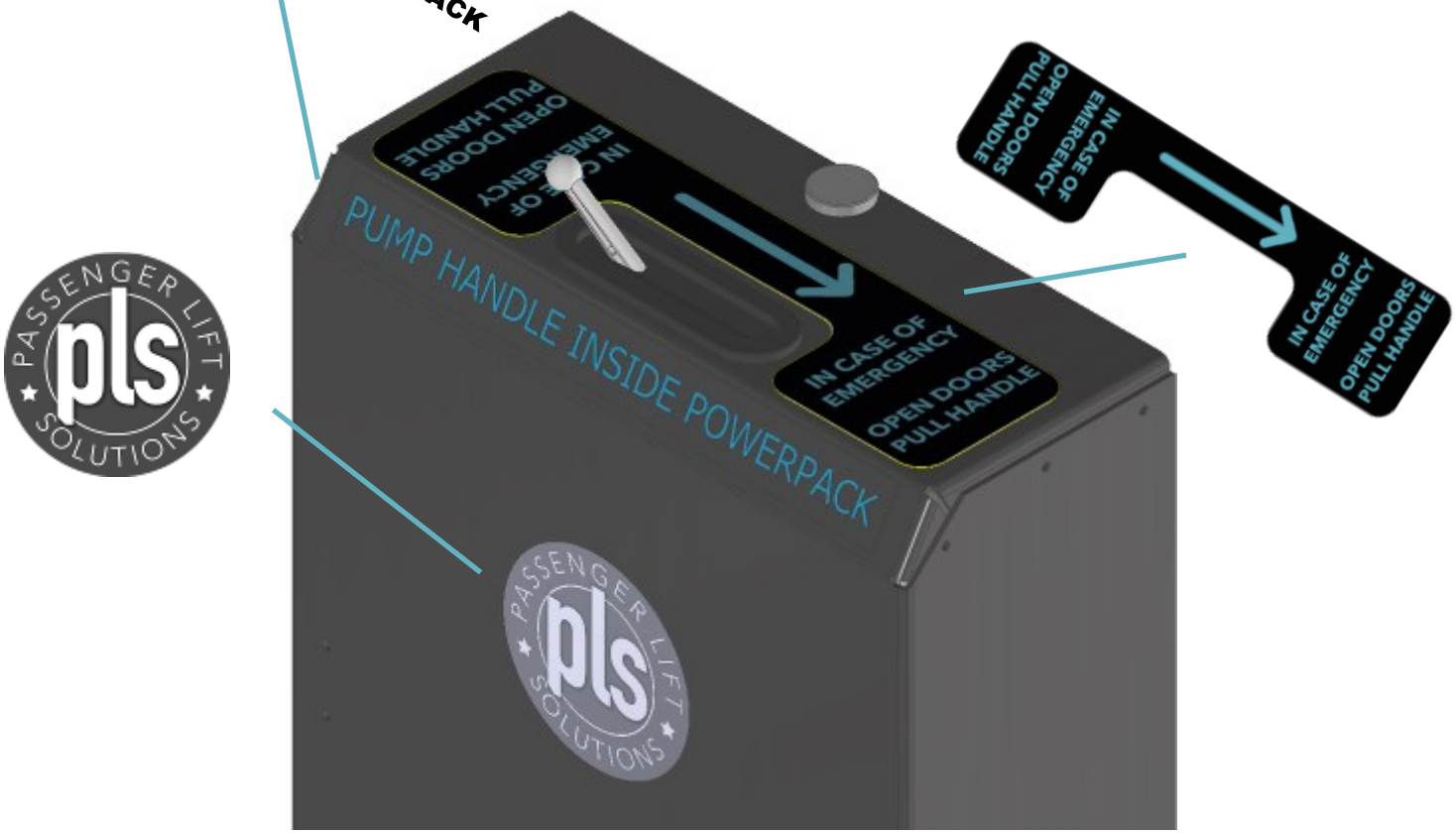
Decals


SAFE WORKING LOAD
400 Kg MAX
SAFE WORKING LOAD
400 Kg MAX
Grip Tape
pls
pls
EALIFT
EALIFT

Decals



PUMP HANDLE INSIDE POWERPACK



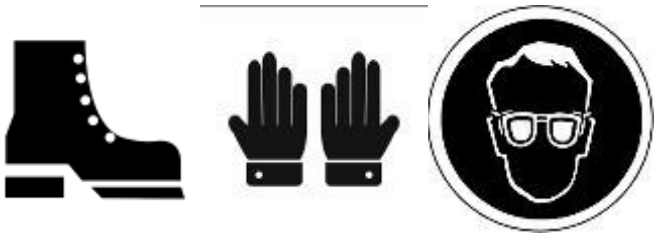
Logistics & Storage

Ensure that the lift delivered is as ordered

Packaging is undamaged and contents are intact

Use an appropriate lifting device for transportation of packaged lifts

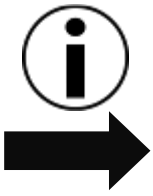
Use suitably rated load capacity equipment



Wear Safety Shoes with reinforced toe caps and non-slip soles, gloves and safety glasses

If the lift is to be stored proceed as follows:

- Transport the lift to an appropriate storage area, free from atmospheric agents / elements
- Ensure all electrical / electronic devices are insulated from external environment so to prevent humidity damaging those components
- Storage area selected **MUST** ensure temperature variation is between 5 C to 50°C
- Ensure all sliding parts (for example guides and cylinders) are adequately protected from dust, rust and water damage



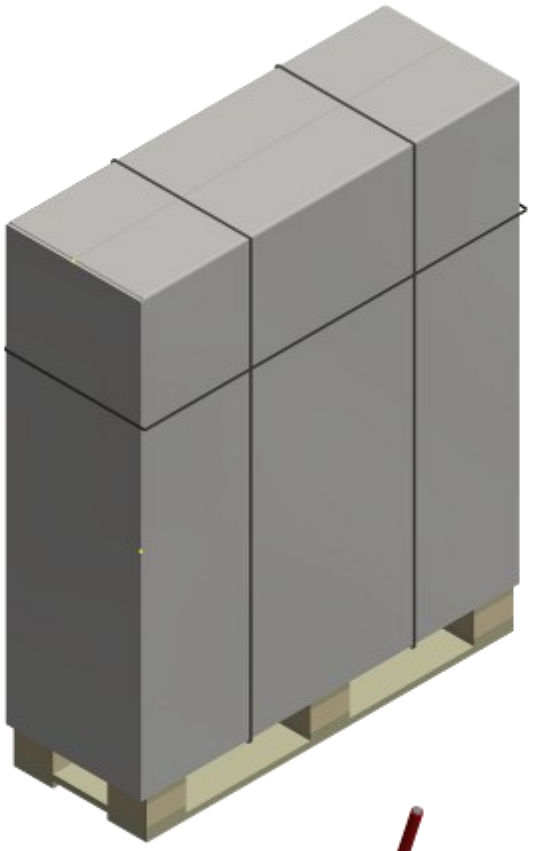
STORAGE OF THE LIFT IN CONDITIONS THAT DO NOT COMPLY WITH THE ABOVE DESCRIPTION SHALL NULLIFY THE WARRANTY FOR ANY PARTS TO BE REPLACED

Unpacking

The lift is supplied bolted to a pallet

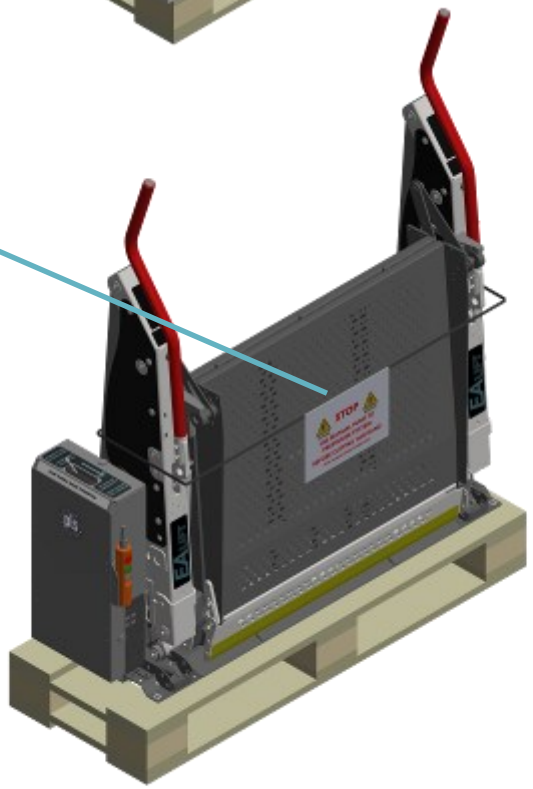
There is an over box and internal packaging, banded to the pallet

(NOTE: Larger lifts may be supplied with an upper extension)



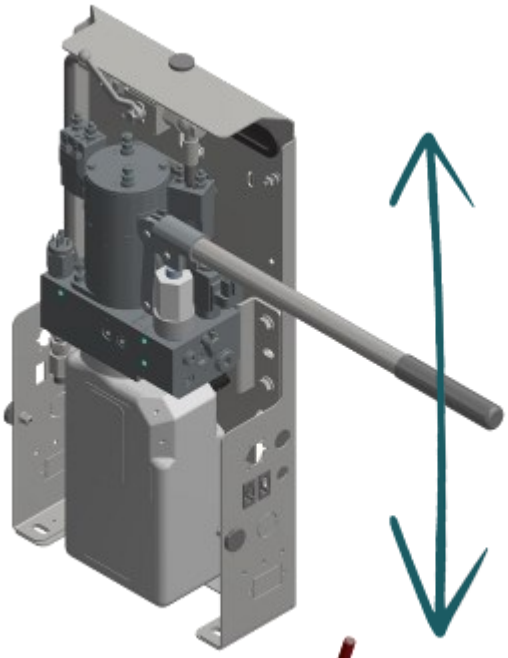
Remove the outer banding and over box

Do NOT cut the inner banding



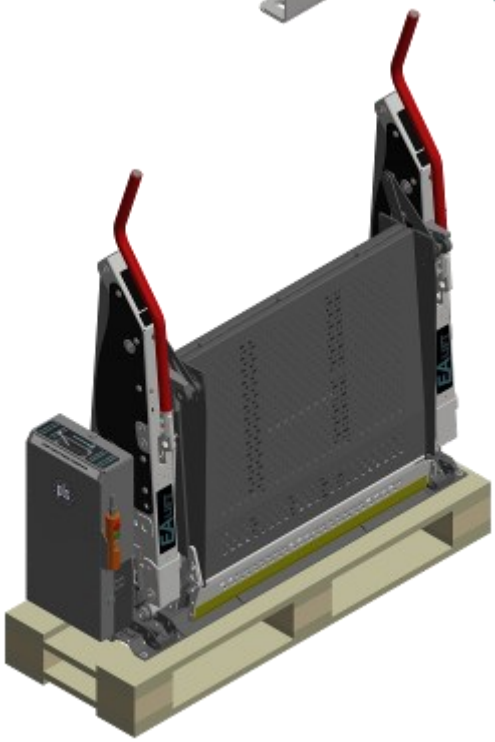
Unpacking

Remove pump cover, then with manual handle, pump the lift to full stow position and pressure is full



The lift can now be unbolted and transferred to a forklift truck ready for installation into the vehicle

Once fixed in the vehicle, the inner banding can be removed



Recycle packaging correctly

Fitting sequence

Please refer to the following pages for accompanying installation diagrams.

When positioning the lift into the vehicle:

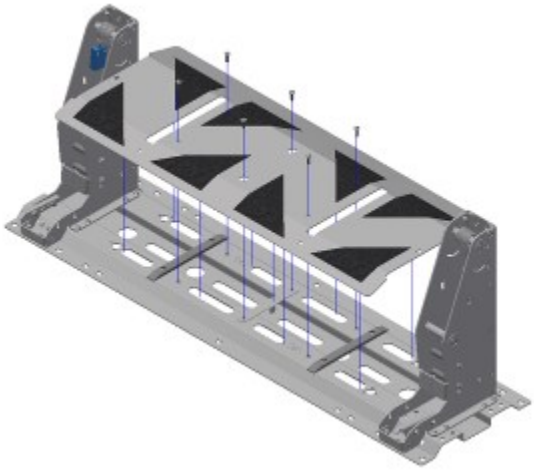
1. Ensure the vehicle is parked on a level area.
2. Centre the lift in the door aperture (the distance between the inside of the door aperture and the outside of the hand rails must be equal both sides).
3. Check from below the vehicle that hole positions will not foul exhaust and fuel systems, chassis side sections. Plan spacer and packing requirements for the floor type installed.
4. Close the vehicle door and push the lift towards the door, leave MIN 15mm clearance between the door and the outer barrier and outer arms.

5. All manual override systems must be fully accessible (the pump cover is removeable by slackening the side thumb screws and removing the top thumb screw)

6. Install the lift. When the lift is lowered to the ground, the bridge plate must be clear of must clear the bumper and valance. The vehicle surface MUST be flat. Do not attempt to mount base plate on top of extruded seat tracking sections. Shim base plate above tracking if necessary. Base plate shim is supplied in the kit and is also available from Passenger Lift Solutions.

If the surface is not flat, when the lift is bolted down the base could distort to the contours of the floor. This will have the effect of altering the position of the lifting arms, thus twisting the lift.

Installation



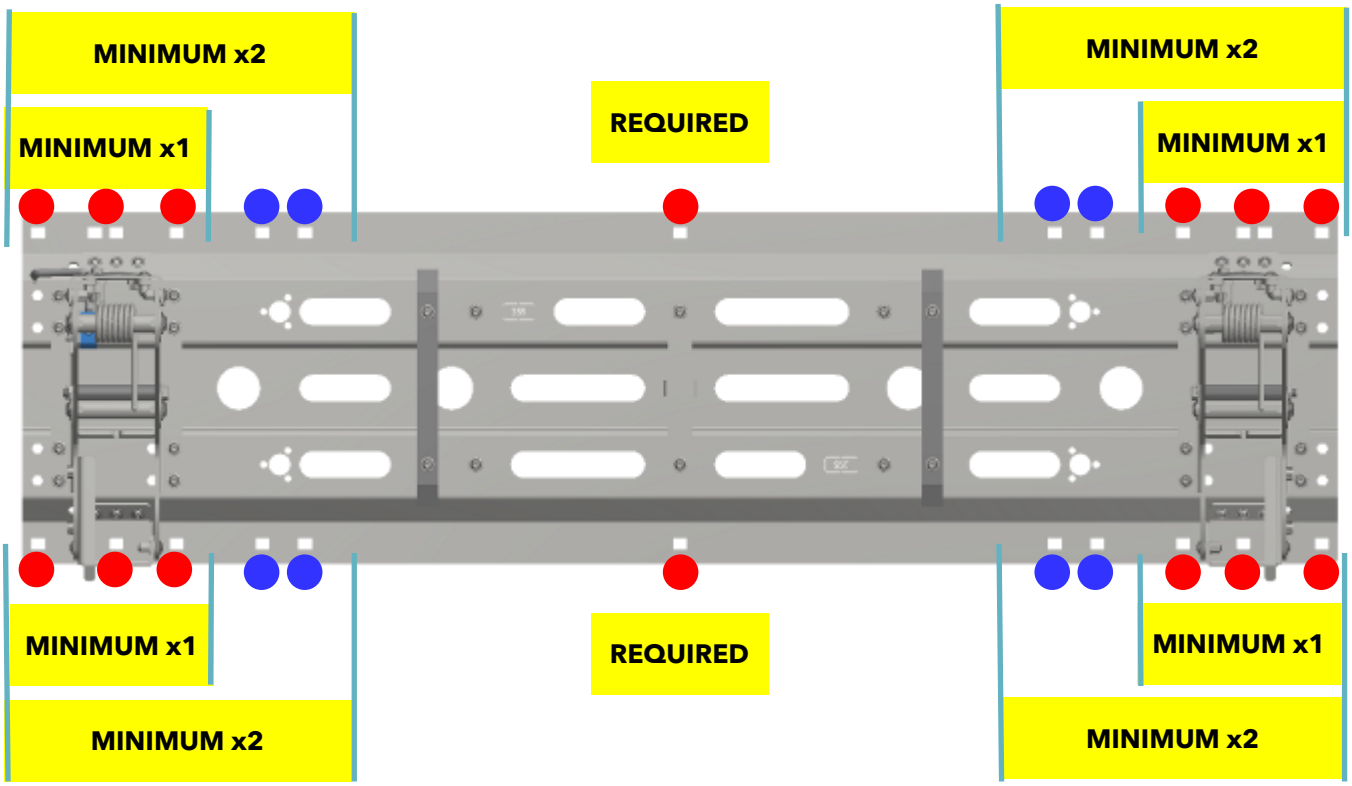
1. Identify the vehicle floor/ structure type and use one of the three fitting options.
2. Remove the threshold plate by: removing x6 fixing bolts. Lift the threshold plate away.
3. Correctly position the lift base, then clearly mark the hole positions that are accessible.

When bolting in the base:

BOLT POSITION

MUST FIT FOR INSTALLATION

Additional fixing points



When bolting in the base:

4. Move the lift to a safe location.

5. Check under the vehicle for any obvious obstructions in the areas to be drilled.

DO NOT DRILL THROUGH SIDE WALLS OF CHASSIS–FIND CLOSEST ALTERNATIVE POSITION

6. Carefully drill pilot holes through the marked positions, ensuring the drill is kept vertical.

7. Check under the vehicle and ensure the pilot holes have cleared all obstructions.

8. Drill bolt clearance holes suitable for the selected bolts.

9. If the floor is a laminated type, bore out the appropriate size holes to fit the correct spacers, ensure these are cut the same length as the floor depth.

10. Drill clearance holes suitable for the selected spacers where applicable. Drill from above but only through to next layer

11. Re-position the lift base and measure the total depth from the top of the lift base to the underside of the vehicle, add 50mm and select the bolt closest to this dimension.

12. Fit the coach bolts through the lift base and then slide on the correct spacer, PLS universal plate and the nylock nut from below the vehicle.

13. Initially tighten the nuts so they support the lift, when all fixings have been fitted then securely tighten from the centre outwards to the appropriate torque.

13. After the lift has been weight tested check/ re-tighten all nylocks to the appropriate torque.

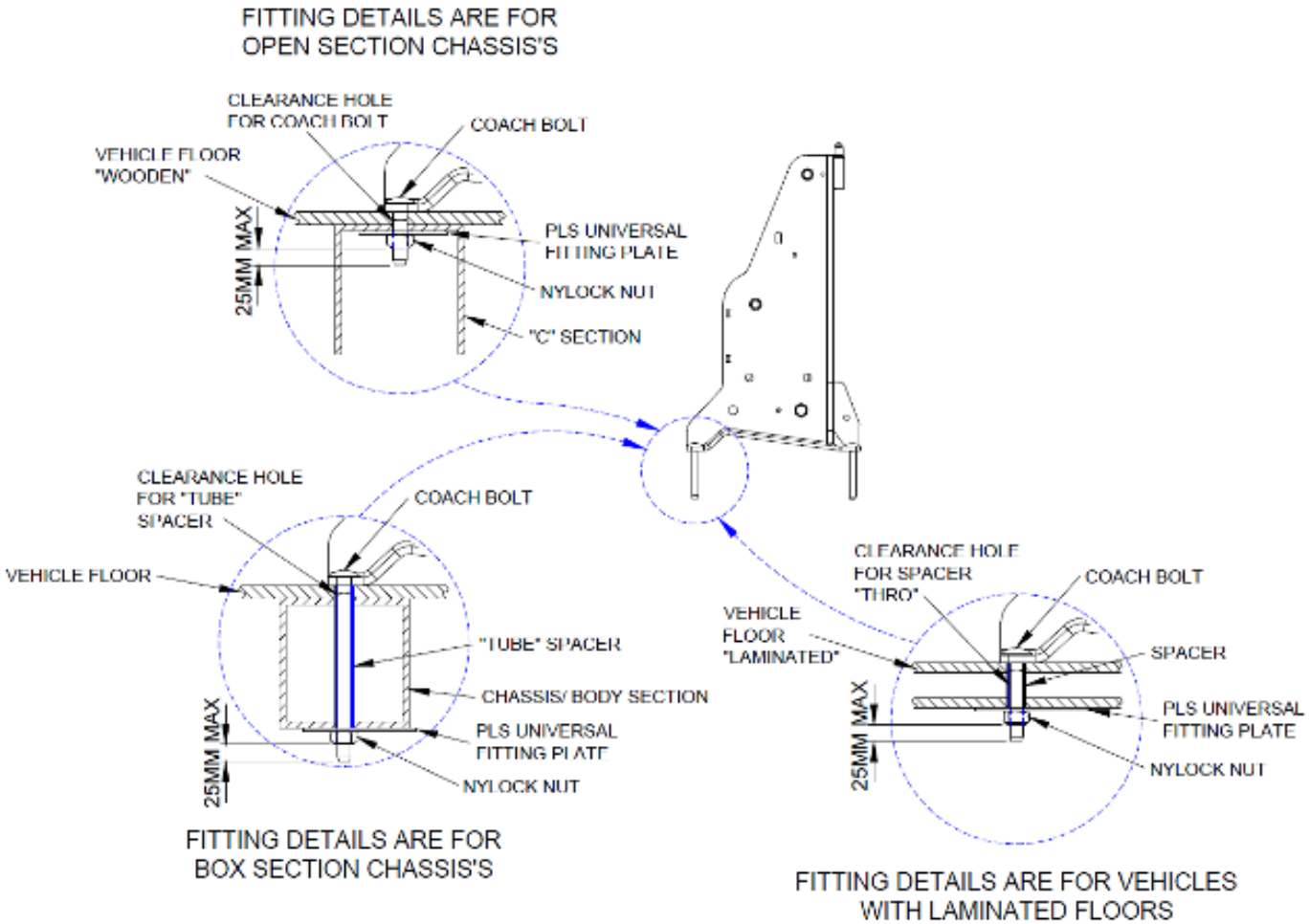
Adjusting the lift:

1. Ensure vertical stow position is set correctly.
2. Ensure horizontal platform position is set correctly.
3. Ensure roll off ramp end of platform lands on ground first.
4. Ensure platform is symmetrical (not twisted).
5. For vertical split lifts ensure gates are locating together correctly.
6. To correctly adjust the platform knuckles see Platform Gates ‘Synchronising’

To Finish: Weight Test to current UK LOLER recommendation / regulations.

1. Check all fitting bolts are tightened
2. Check all lift fastenings are tight.
3. Check all information decals are positioned correctly.
4. Lift serial number and SWL visible.
5. Complete weight certificate.
6. Complete LOLER certificate (UK only).

Bolting in the Base Details.

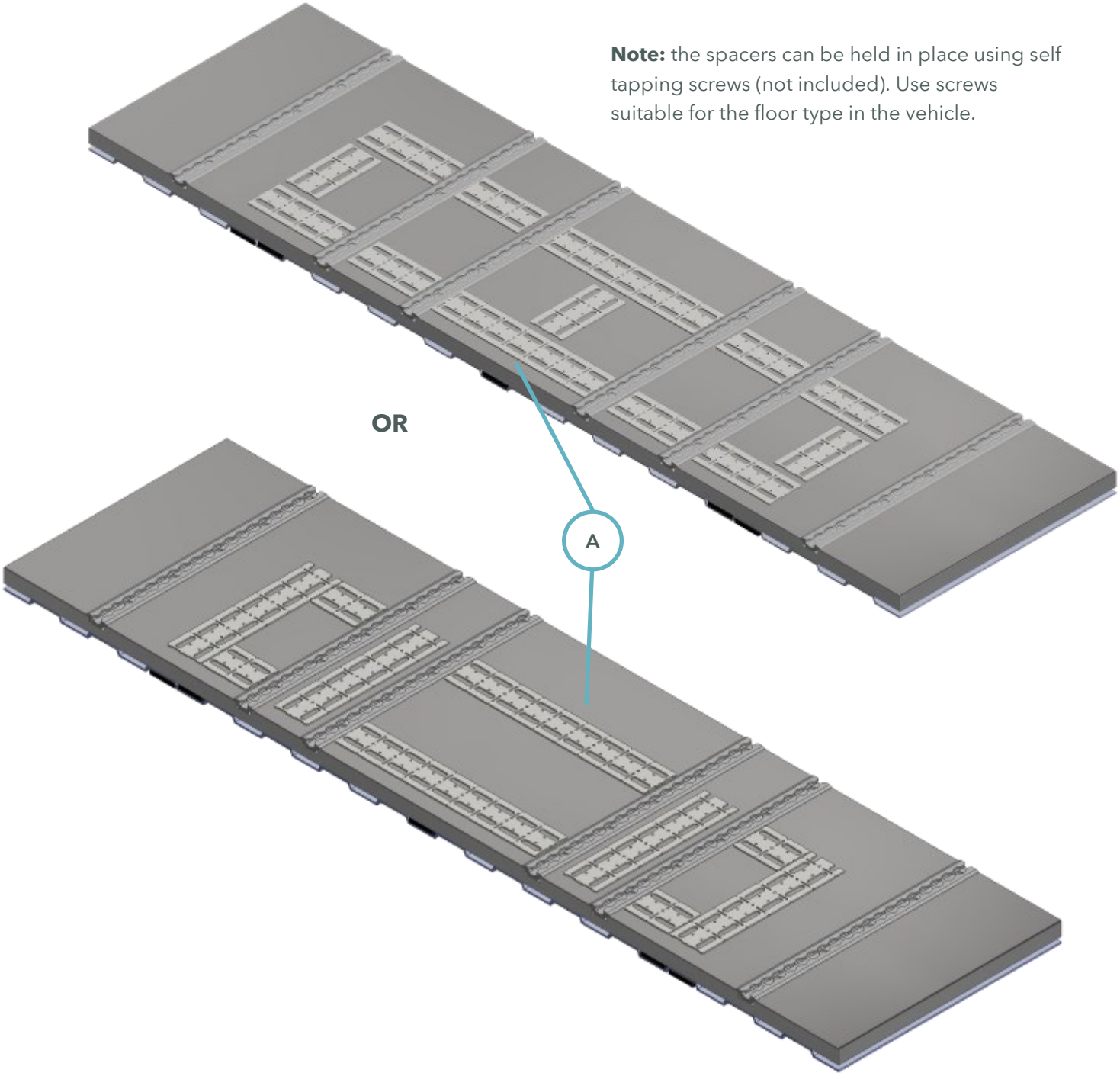


Installation–Above Rail Packers

Use Upper Packer Plate to fill the gap between the upper rail profile and the laminate / aluminium profile bonded floor **A**

Two possible layouts are shown

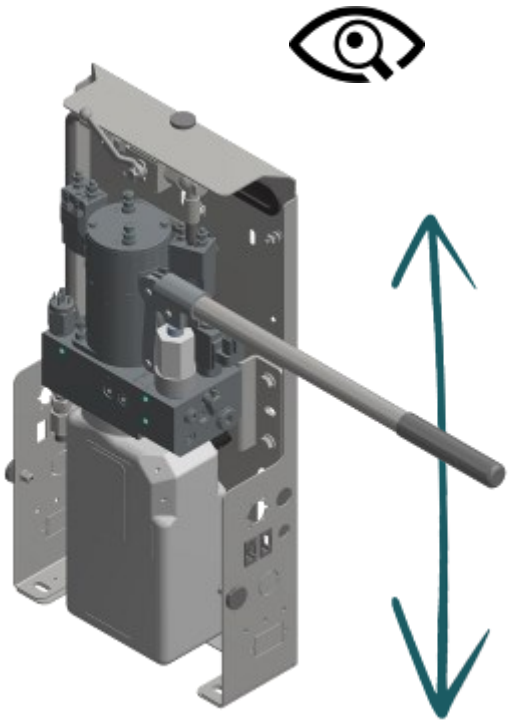
Note: the spacers can be held in place using self tapping screws (not included). Use screws suitable for the floor type in the vehicle.



Installation / Examination and Confirmation of Weight Certification

The following test Conforms to the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER98), for Passenger Carrying Vehicle Tail Lifts

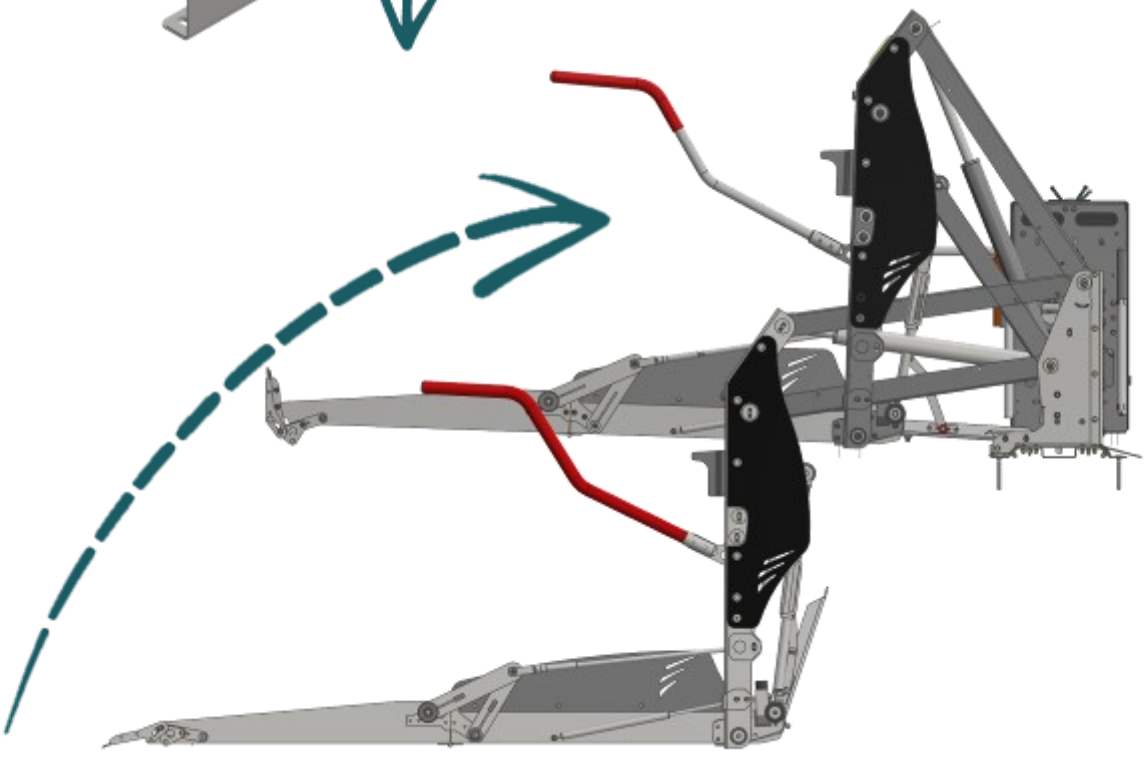
Check Pump Operation



Open Over Ride Valve

The lift should lower at a controlled rate

Ensure Pump operates in both powered and manual operation modes



The following test Conforms to the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER98), for Passenger Carrying Vehicle Tail Lifts

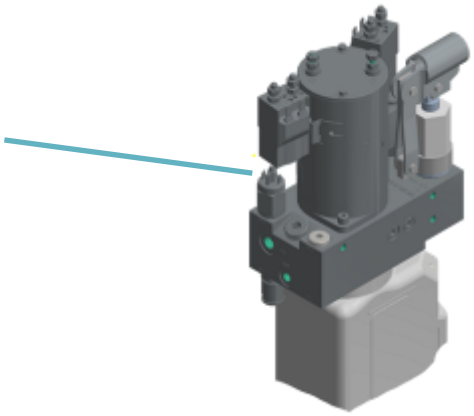
When performing the Stow Overload Test some hydraulic pressure adjustment may be necessary. Locate the pressure relief valve, turn it in the required direction to lift / not lift the 25kg weight. The switch is very sensitive, only turn by small increments to achieve the correct

Pressure Relief Valve

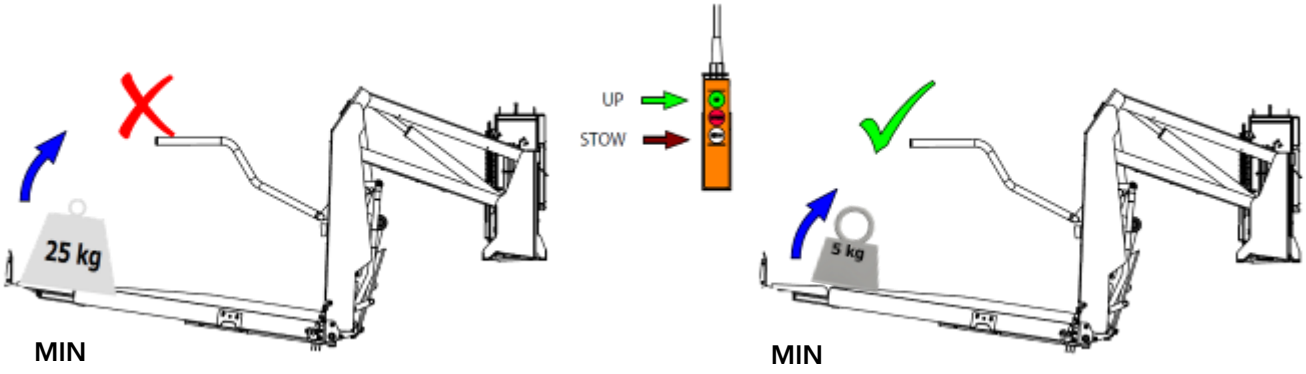
Turn Clockwise = Increase

Turn Anti-Clockwise =

Decrease



Stow Overload Test–the lift must not be able to lift over 25kg, if it can, adjust the Pressure Relief Valve as above



Installation / Examination and Confirmation of Weight Certification

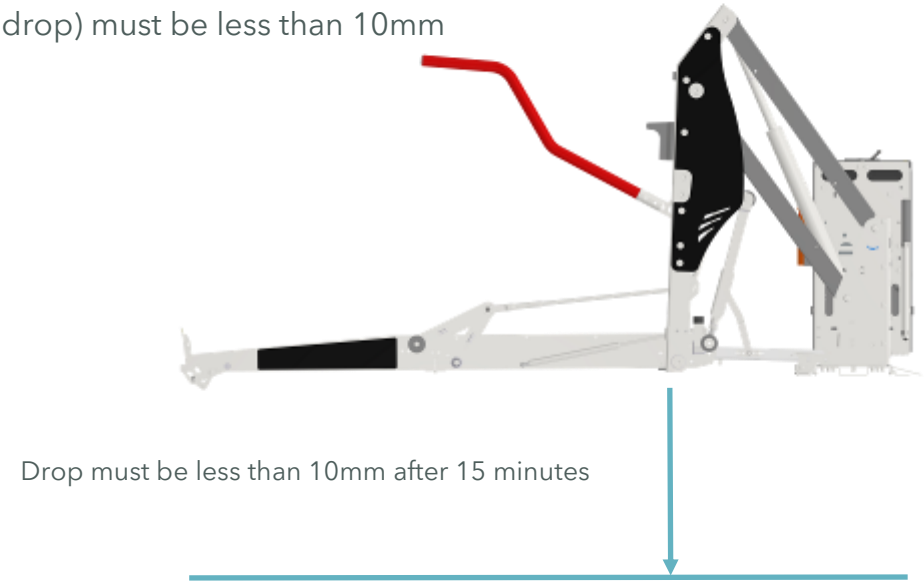
The following test Conforms to the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER98), for Passenger Carrying Vehicle Tail Lifts

Creep Test

Deploy lift to vehicle floor level. Measure an outboard distance to floor

Start Timer. After 15 minutes re-measure

The change in height (drop) must be less than 10mm



Installation Test

Inspect for damage:

Upper arm pin areas

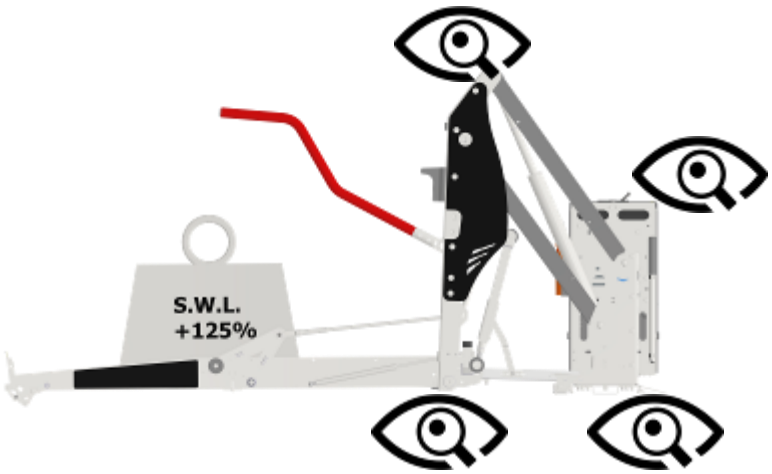
Lower arm pin areas

Base plate to vehicle floor

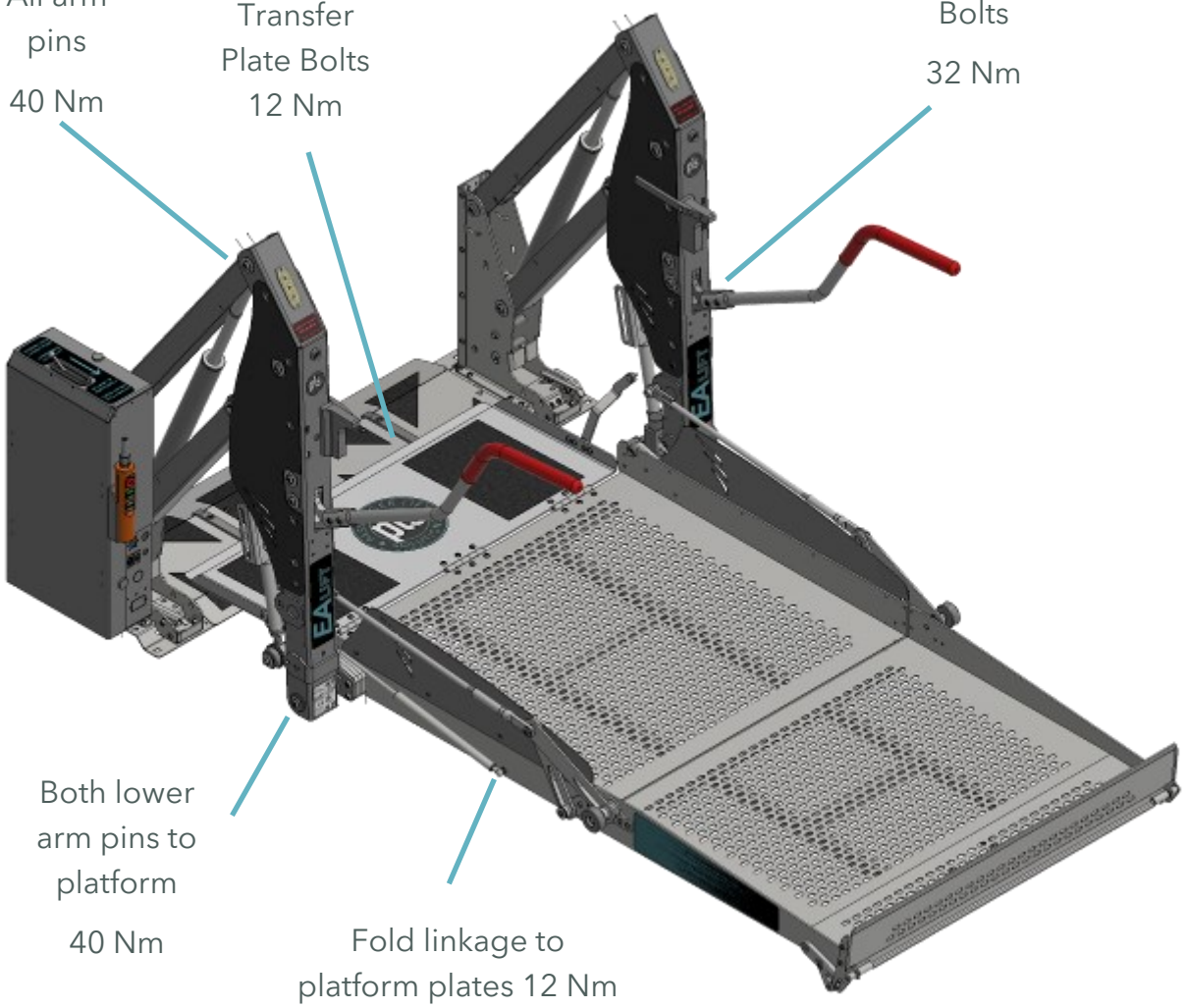
Arm to platform pins

Check that there is no

Lift to vehicle interface damage

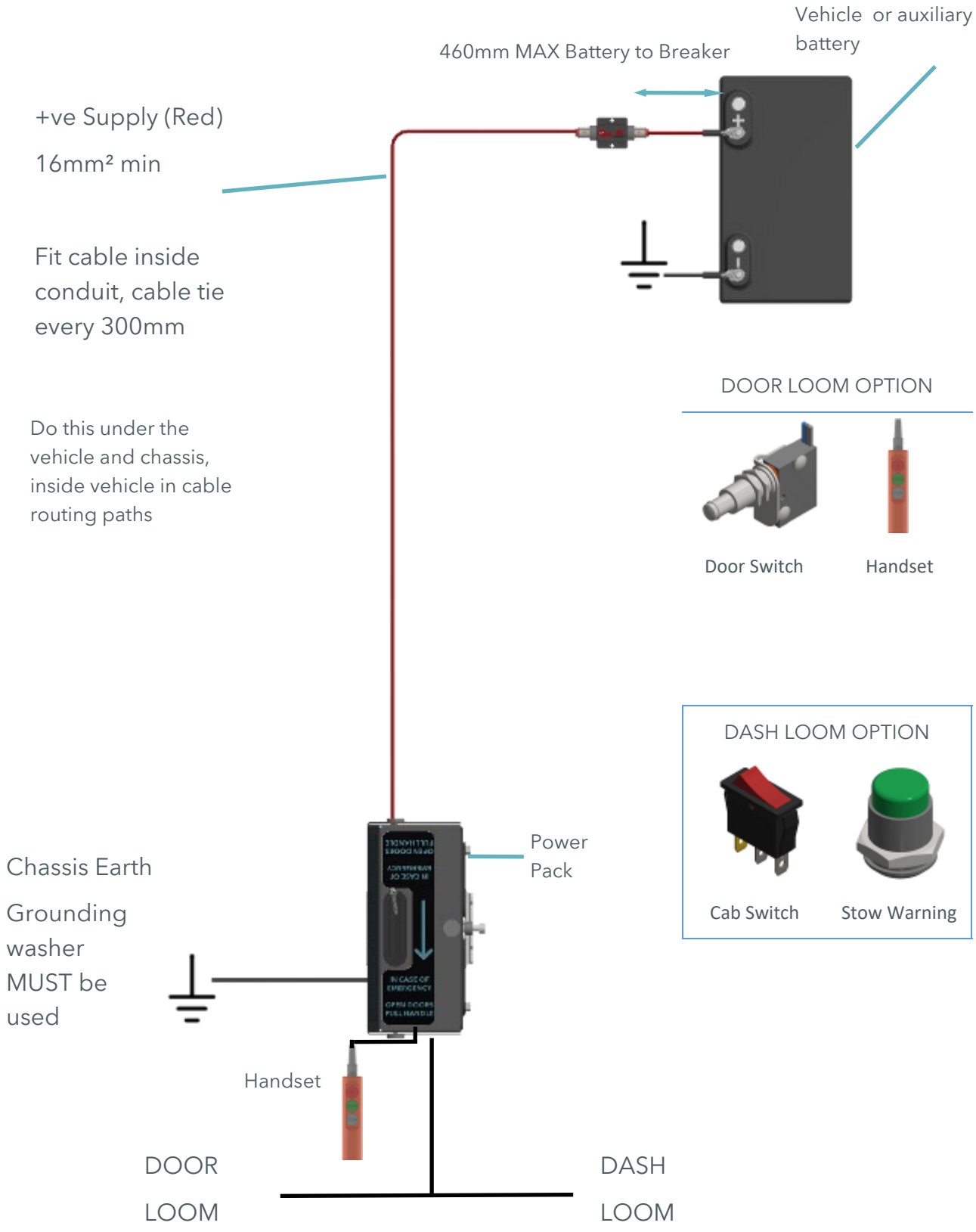


Torque Settings



NOTE: Base–Tower Sub-Assembly is a non- serviceable item

Electrical Installation Schematic



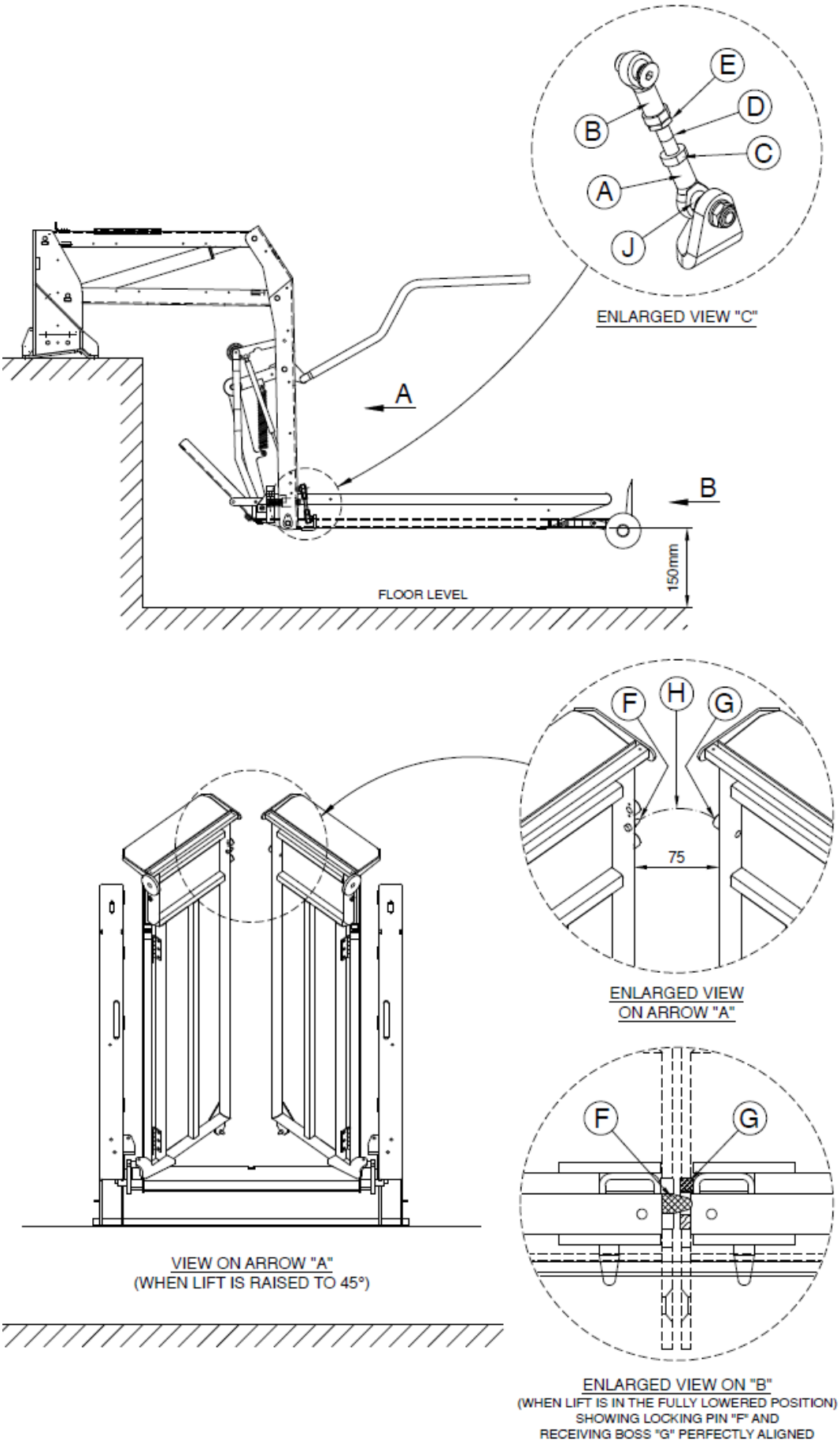
Adjustments–VERTICAL Split Platform

1. Lower the lift so that the platform is approximately 150mm above floor level.
2. Assess the tension in the platform knuckles.

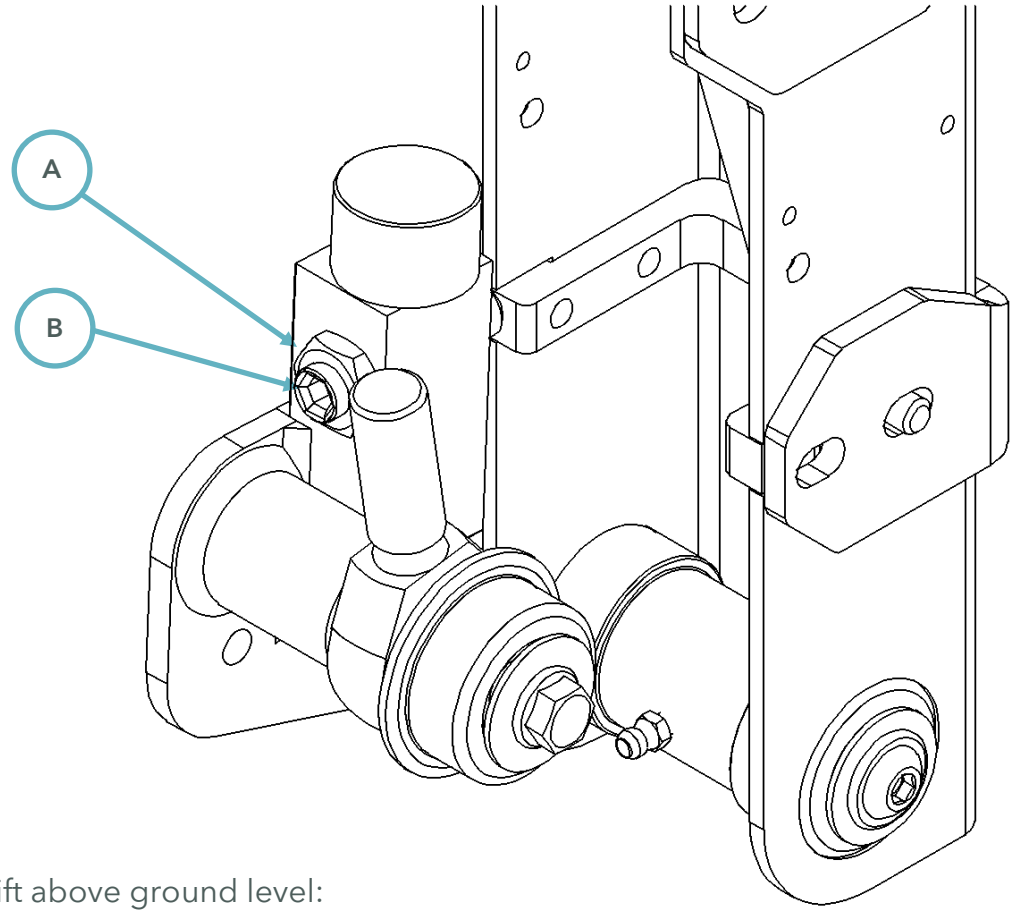
   It is CRITICAL that there is NO tension, i.e. when a spanner is placed on the flat of the lower knuckle item **'A'** (Highlighted as **'C')** and turned from side to side, free movement MUST be seen/felt, if not adjustments MUST be made
3. Raise the lift so that the gates are open and approximately 75mm apart. See Enlarged view **'A'**.
4. Look at the imaginary centre line **'H'** between the locking pin **'F'** and receiving boss **'G'** both parts MUST be concentric so that they will fully engage when the lift is in the fully lowered position as shown in the Enlarged view on **'B'** ensuring that the two halves of the platform are securely locked together.
5. If the parts are not correct then adjustments MUST be made.
6. Adjustments are made by either/or both increasing or decreasing the length of the Platform Knuckles.
7. Decreasing the distance between the the knuckles will raise the platform ends (this will increase the 150mm distance).
8. To achieve this see Enlarged view **'C'**.
9. Measure and note down the distance between the knuckles.
10. Loosen the locking nut **'E'** by turning anticlockwise.
11. Fully disconnect the lower knuckle item **'A'** by completely removing the bolt.
12. Wind the thread clockwise into the upper knuckle item **'B'**.
13. Wind the lower knuckle item **'A'** clockwise onto the thread item **'D'**.
14. It is CRITICAL that the white line (mid point of the thread) is located mid way between the knuckles. Adjust if necessary.
15. Measure the distance between the knuckles and note down.
16. When the required distance has been achieved, reconnect the lower knuckle item **'A'** by securely fixing the retaining bolt in position.
17. Turn the locking nut item **'E'** by turning clockwise until fully tightened BEFORE operating the lift.
18. Operate the lift fully twice then then repeat the whole procedure, make further adjustments if required.
19. To increase the 150mm clearance, increase the distance between the knuckles.

Note: It is CRITICAL that there is NO tension in the Platform Knuckles, tension may cause severe damage.

It may be necessary to adjust BOTH sides to obtain correct alignment.


E
D
B
C
A
J
ENLARGED VIEW "C"
A
B
150mm
FLOOR LEVEL
F
H
G
75
ENLARGED VIEW
ON ARROW "A"
VIEW ON ARROW "A"
(WHEN LIFT IS RAISED TO 45°)
F
G
ENLARGED VIEW ON "B"
(WHEN LIFT IS IN THE FULLY LOWERED POSITION)
SHOWING LOCKING PIN "F" AND
RECEIVING BOSS "G" PERFECTLY ALIGNED

Adjustments–Horizontal Adjustment



With the lift above ground level:

1. Undo Locking Nuts–**A** until adjustment screw–**B** is free to move.

To increase the distance–**C** (platform end to ground) turn the adjustment screw **B** clockwise

To decrease the distance–**C** (platform end to ground) turn the adjustment screw **B** anti-clockwise

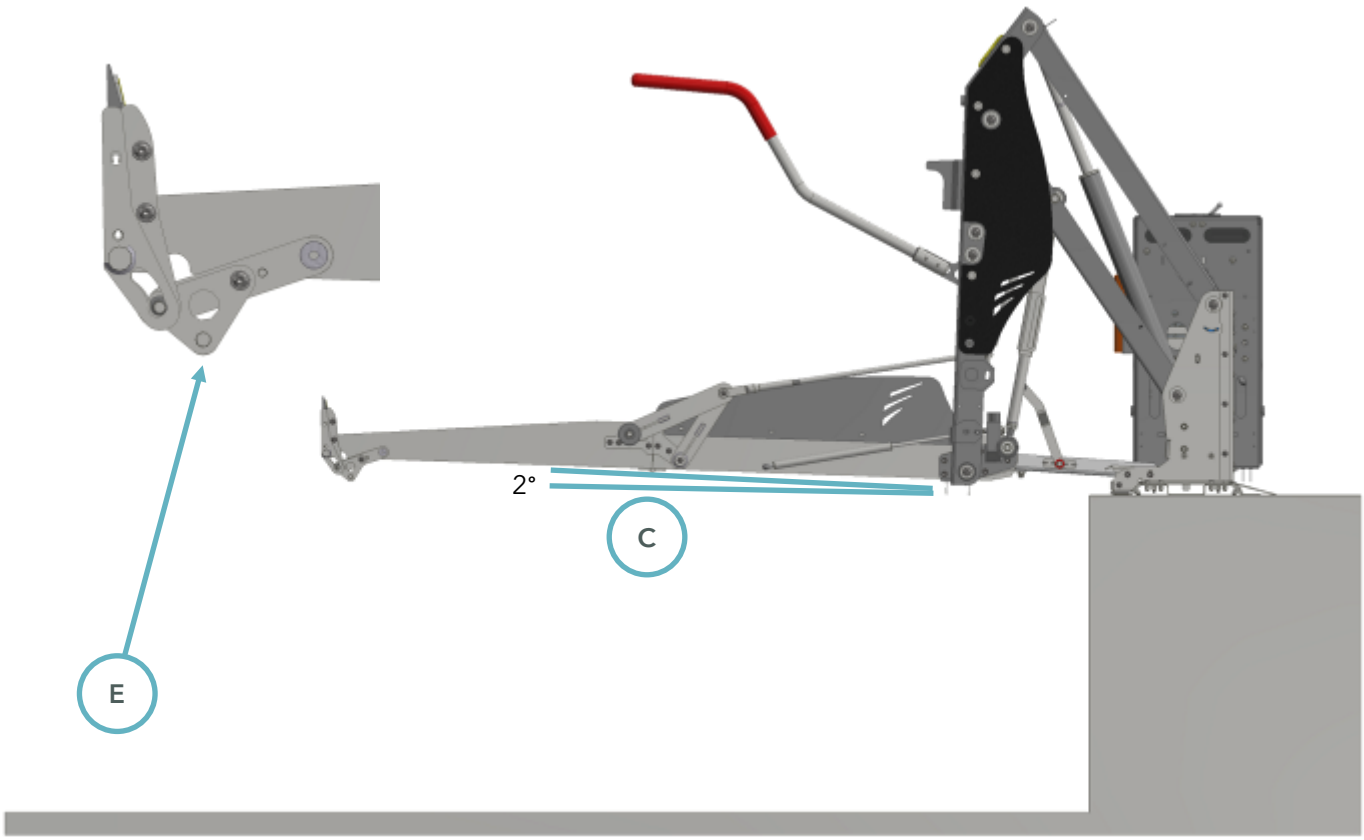
2. Turn the adjustment screw–**B** until the platform angle –**C** is tilted 1- 2° **INBOARD**

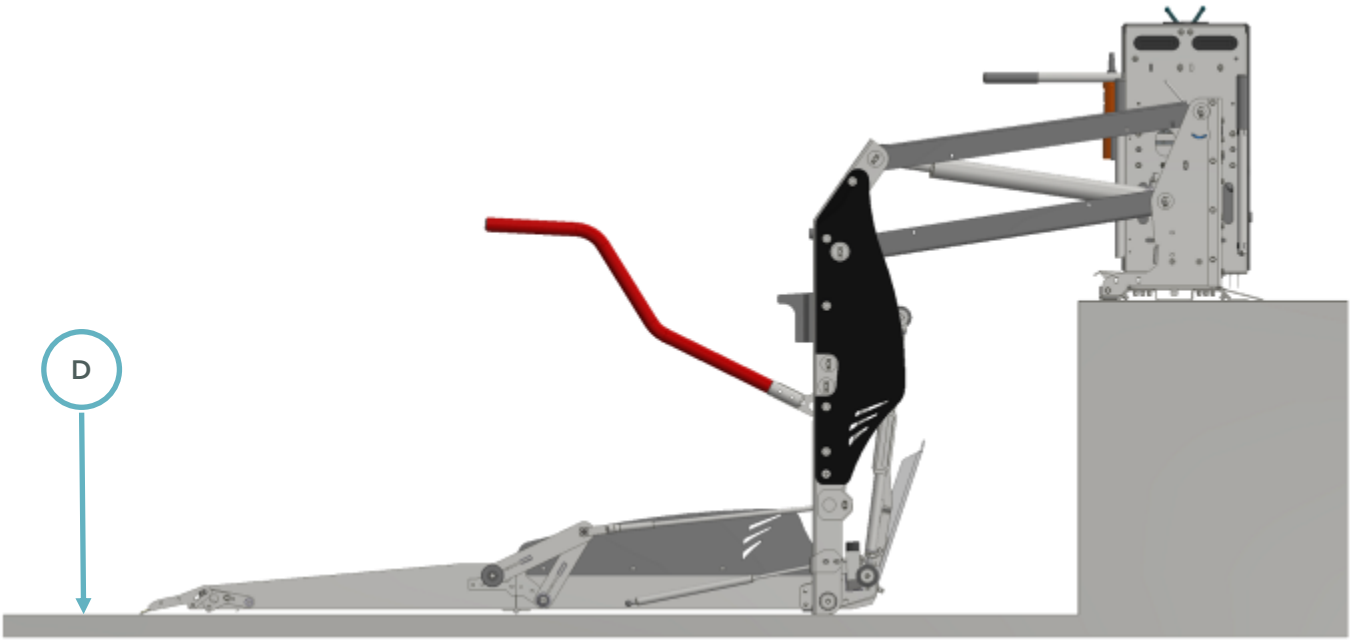
3. The locking nut **A** **MUST** be re-tightened after any adjustment

4. Lower the lift and ensure that the Landing Foot - **E** Roll Off Ramp **D** are in contact with the floor

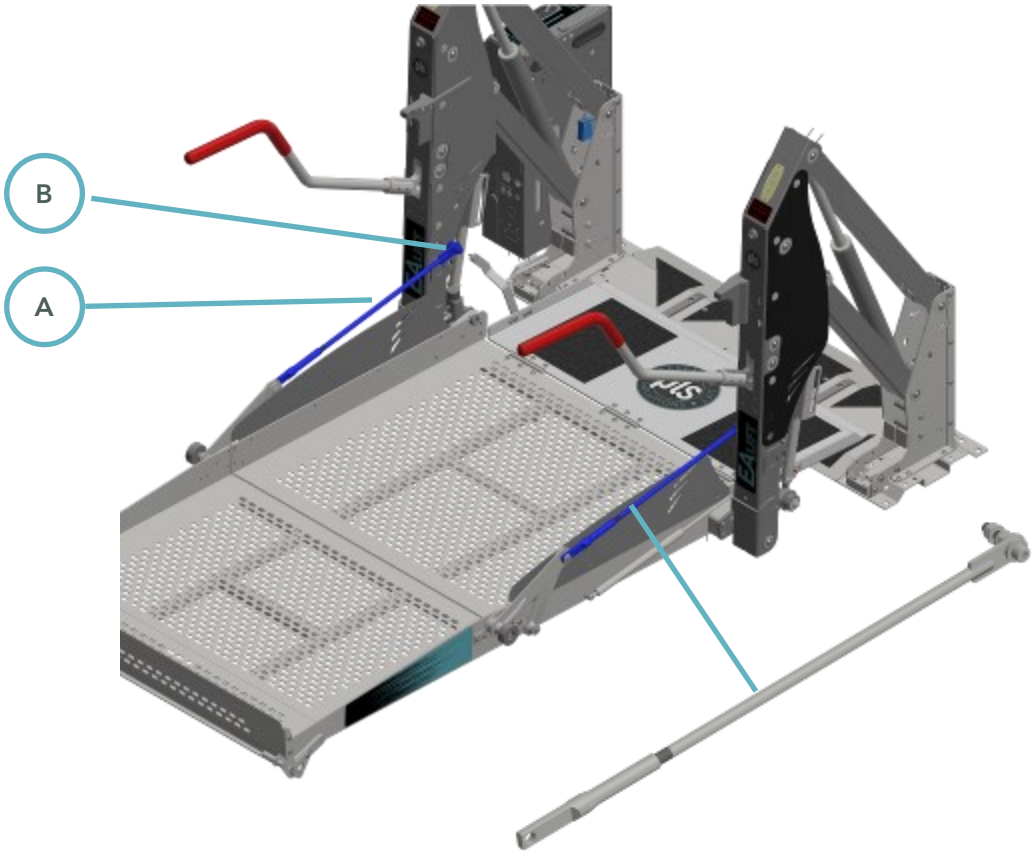
If not repeat the above procedure until correct

Note: If the L/H and R/H bolts are not equally adjusted / set, the platform may have a side to side twist


2°
C
E


D

Adjustments–Horizontal Split Lift Platform Angle Adjustments



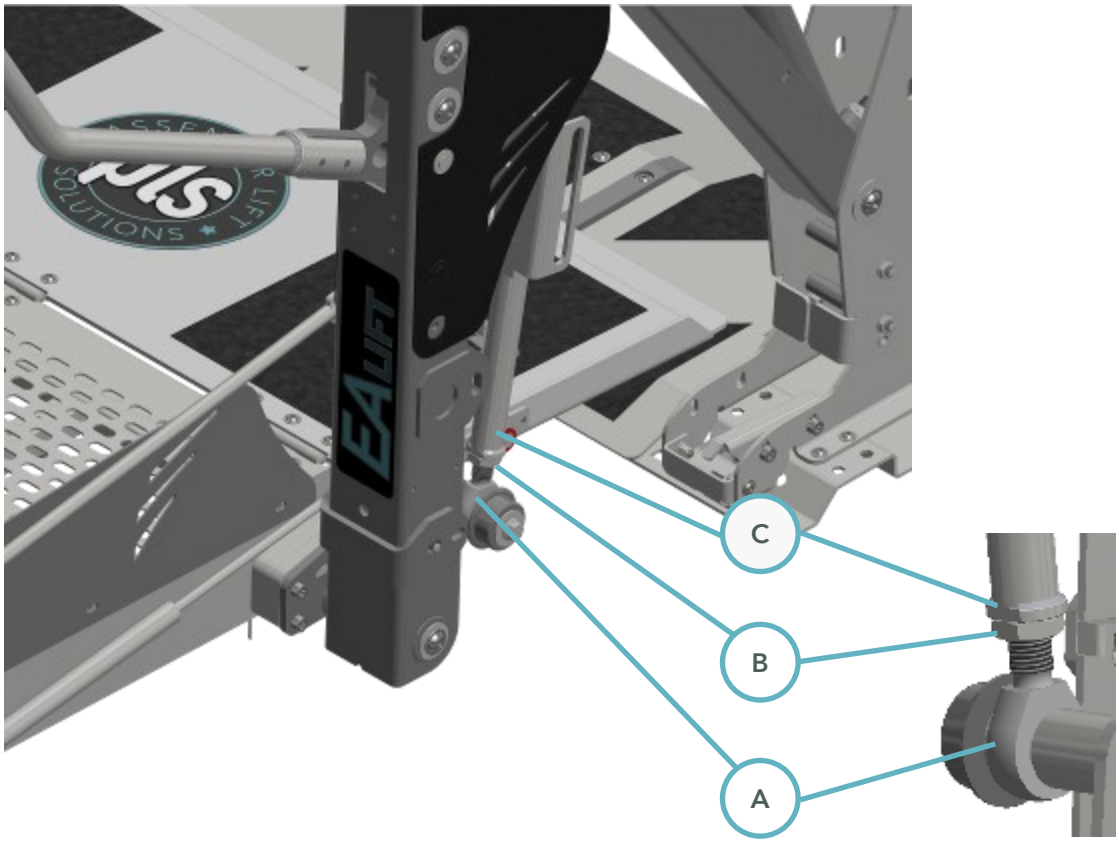
Open Vehicle Doors, deploy lift to vehicle floor level:

1. After performing platform angle adjustment:
2. Using a straight edge, make sure both the inner platform and outer platform are at the same level (angle)
3. If the angles are different then the tie rods **A** require adjustment as follows:

Tie Rod adjustment procedure:

1. Place a work stand under the outer platform
2. Disconnect the tie rods at the **inboard** end **B**
3. Make adjustments to the tie rods by screwing / unscrewing the tie rod as necessary
4. Reconnect the tie rods, then re check inner / outer level (angle)

Adjustments–Horizontal Split Lift



Horizontal Split Lift Stow Adjustment

1. If the lift platform is not stowing fully / correctly, adjustments to the rod end bearings **A** is required

Rod End Bearing adjustment procedure:

1. Place a work stand under to support the platform
2. Loosen the lock nuts holding the rod ends in place **B**
3. Loosen or tighten the adjustment tubes **C** (there is no need to remove the rod end bearings themselves)
4. Make adjustments to the tie rods by screwing / unscrewing the tie rod as necessary
5. Tighten the lock nuts and check that the lift stows correctly
6. If not, repeat the above procedure until correct

Adjustments–Handle Stow Angle–All Platform Types

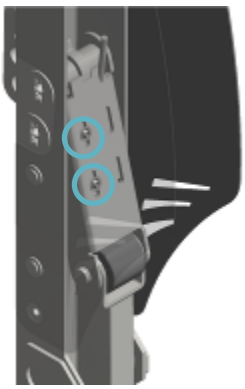
Adjustment may be required to adjust the handle stow angle

Follow the next steps to do so

Deploy the lift to vehicle floor level to enable access to adjustment points

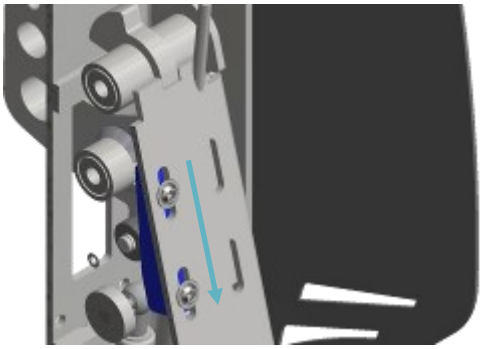
The adjustment fasteners are shown

Slacken the fasteners to allow the wedge to move position



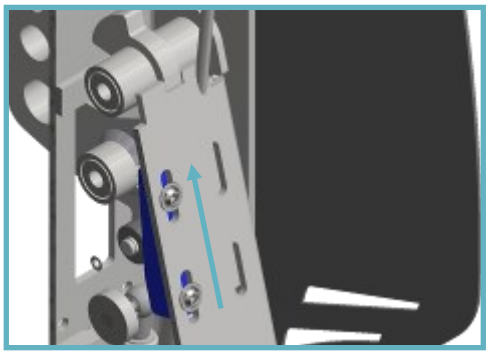
Moving the wedge in this direction will move the handle toward the outer arm

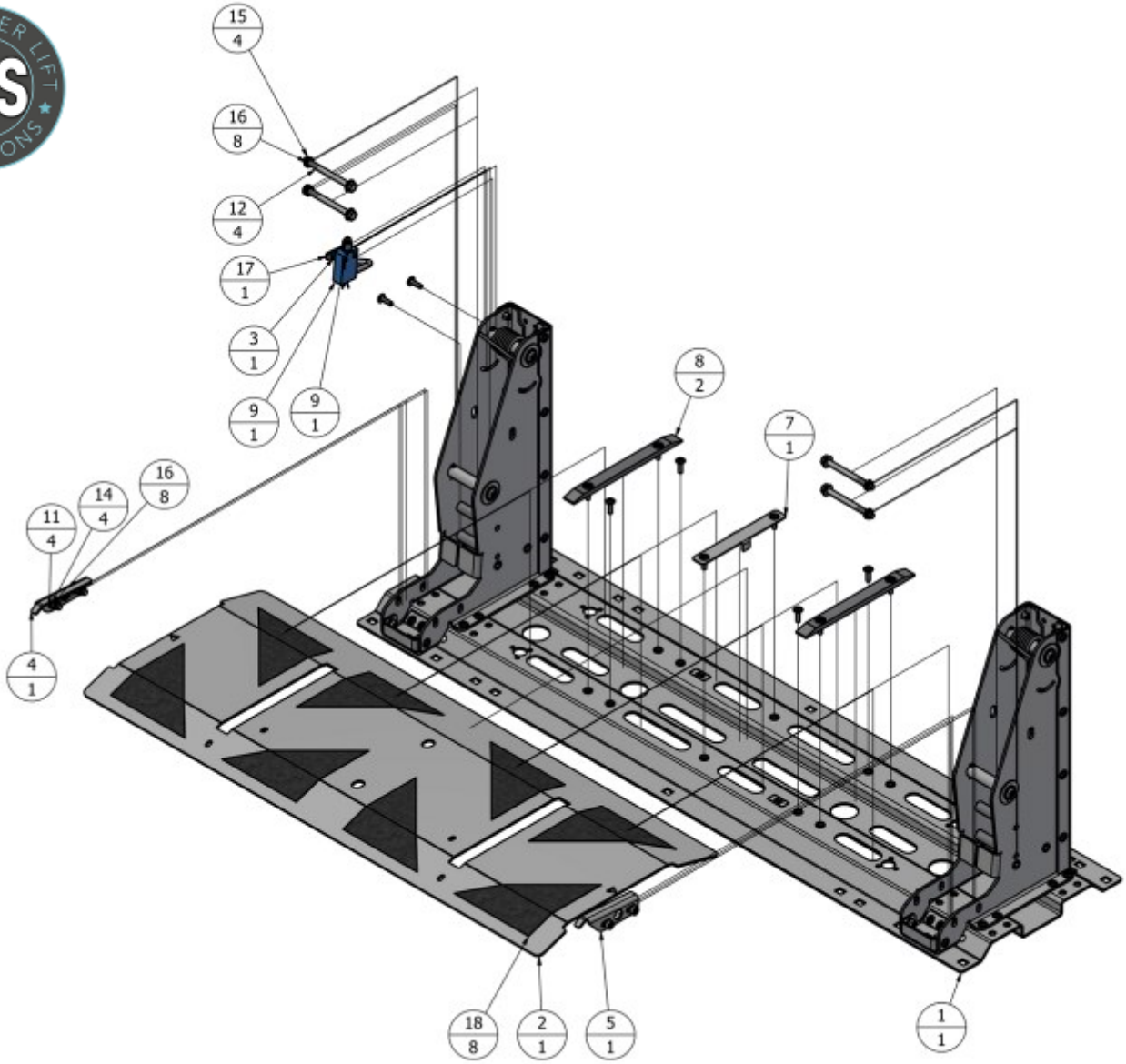
Tighten fasteners after adjustment to 12Nm and cycle lift to check. Re-adjust as necessary



Moving the wedge in this direction will move the handle away from the outer arm

After adjustment, tighten fasteners to 12Nm and cycle lift to check. Re-adjust as necessary

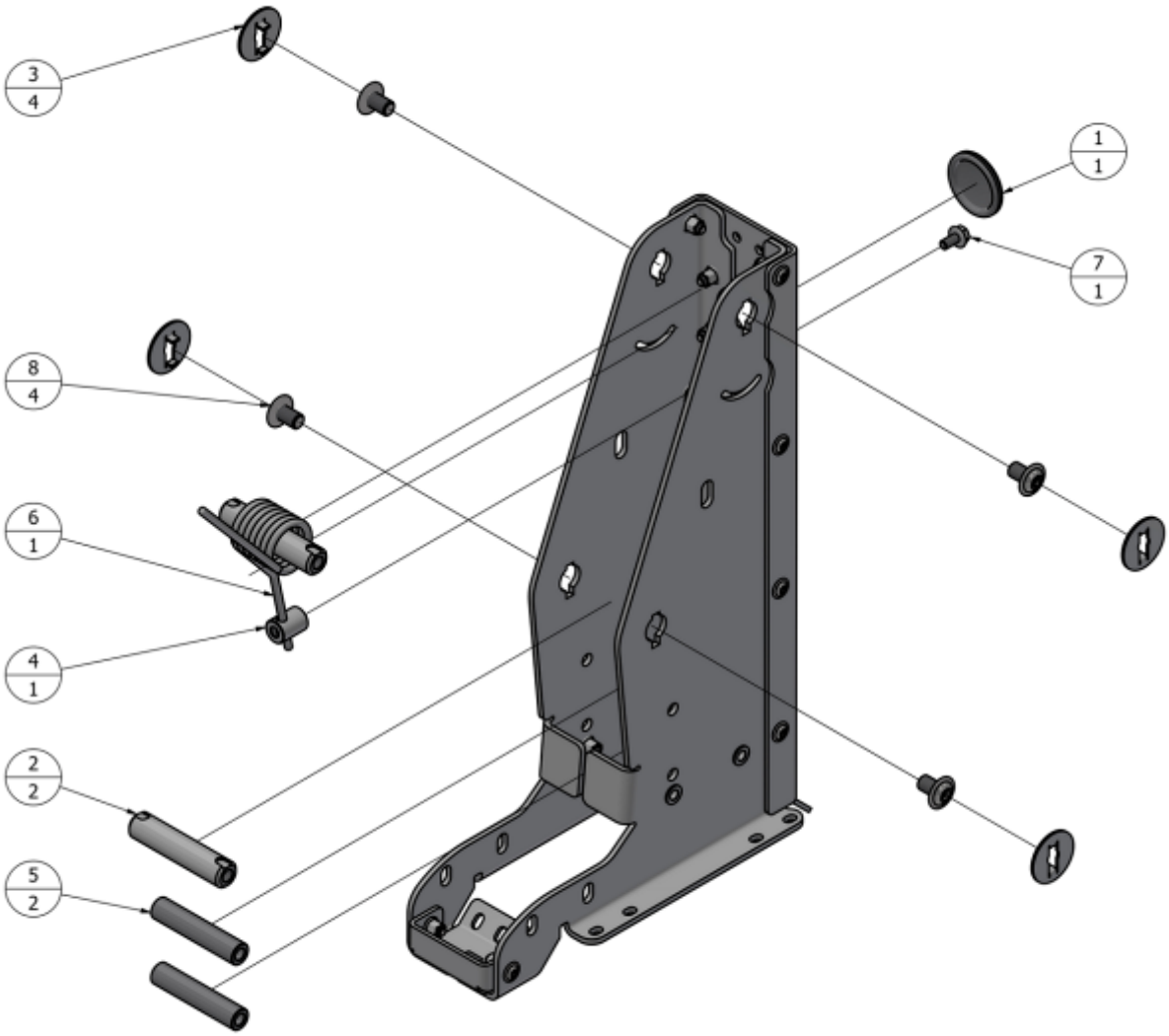




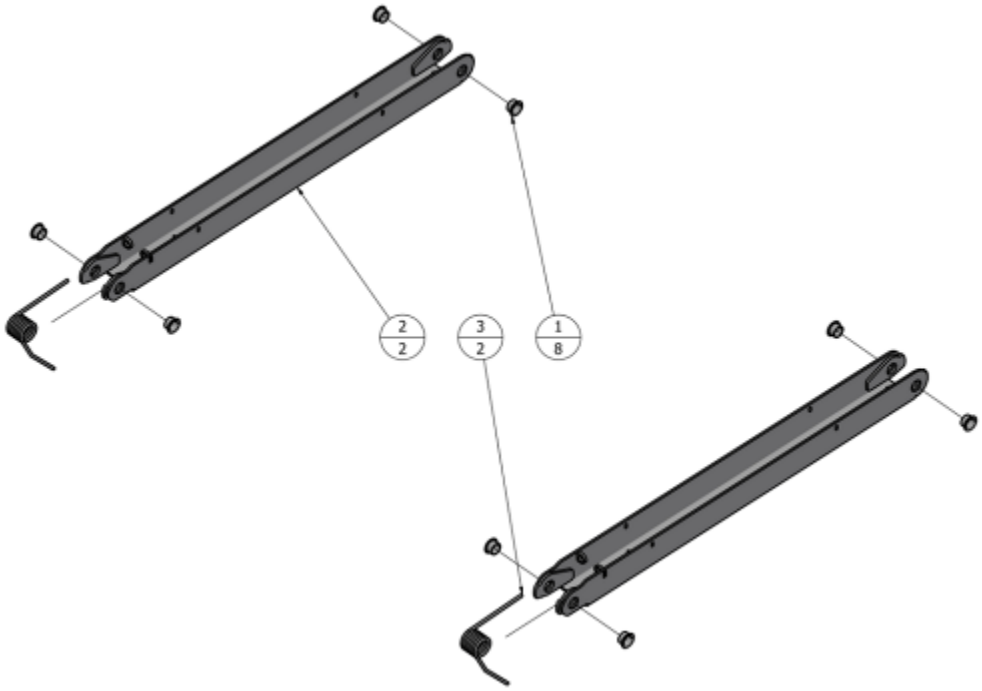
Reference	Quantity	Part Number	Description	Reference	Quantity	Part Number	Description
1	2	Various	EA Base Tower ASY	10	4	FASBL/0401	M4 x 25 SKT CAP HEAD BZP
2	1	Various	EA Base Cover Plate	11	4	FASBL/9904	M8 x 20 Torx Button Head Screw
3	1	EAFABBAS286-0113	EA Switch Spacer	12	12	FASBL/9906	M8 x 90 CL100 HT HEX S/L Z/P
4	1	EAFABBAS286-0154-LH	EA Stow Ramp Plate LH	13	4	FASBL/9911	M6 x 20 Torx Flange Dome Screw
5	1	EAFABBAS286-0154-RH	EA Stow Ramp Plate RH	14	4	FASNT/0801	M8 Nyloc Nut
6	1	EAFABBAS286-0158	EA Tower Spring Retainer	15	8	FASNT/0802	M8 Half Nut
7	1	EAFABBAS286-0159	EA Hose Clamp	16	1	FASWA/0803	M8 Internal Star Washer
8	2	EAPLABAS286-0161	EA Base Slide	17	8	GNXAFABBOX60039	GNXA Box Lock Tapping Plate
9	2	ELERS/551340	Plunger Roller Switch	18	1	HASCL/0005	EA Antislip Base 150 x 150mm

Reference	Part Number	Description
1	ASYEABAS286-2111-H745	EA Base Assembly 745
1	ASYEABAS286-2111-H805	EA Base Assembly 805/815
1	ASYEABAS286-2111-H865	EA Base Assembly 865/875
1	ASYEABAS286-2111-H905	EA Base Assembly 905/915

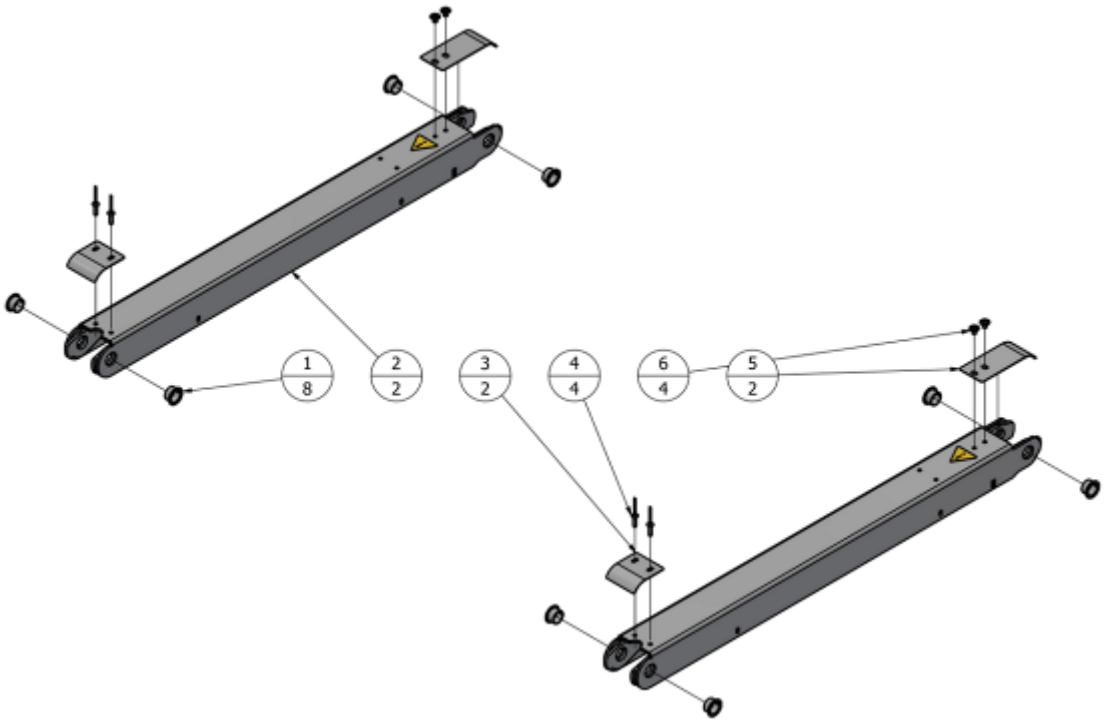
Reference	Part Number	Description
2	EAALYBAS286-0160-745	EA Base Plate Cover 745
2	EAALYBAS286-0160-805	EA Base Plate Cover 805/815
2	EAALYBAS286-0160-865	EA Base Plate Cover 865/875
2	EAALYBAS286-0160-905	EA Base Plate Cover 905/915



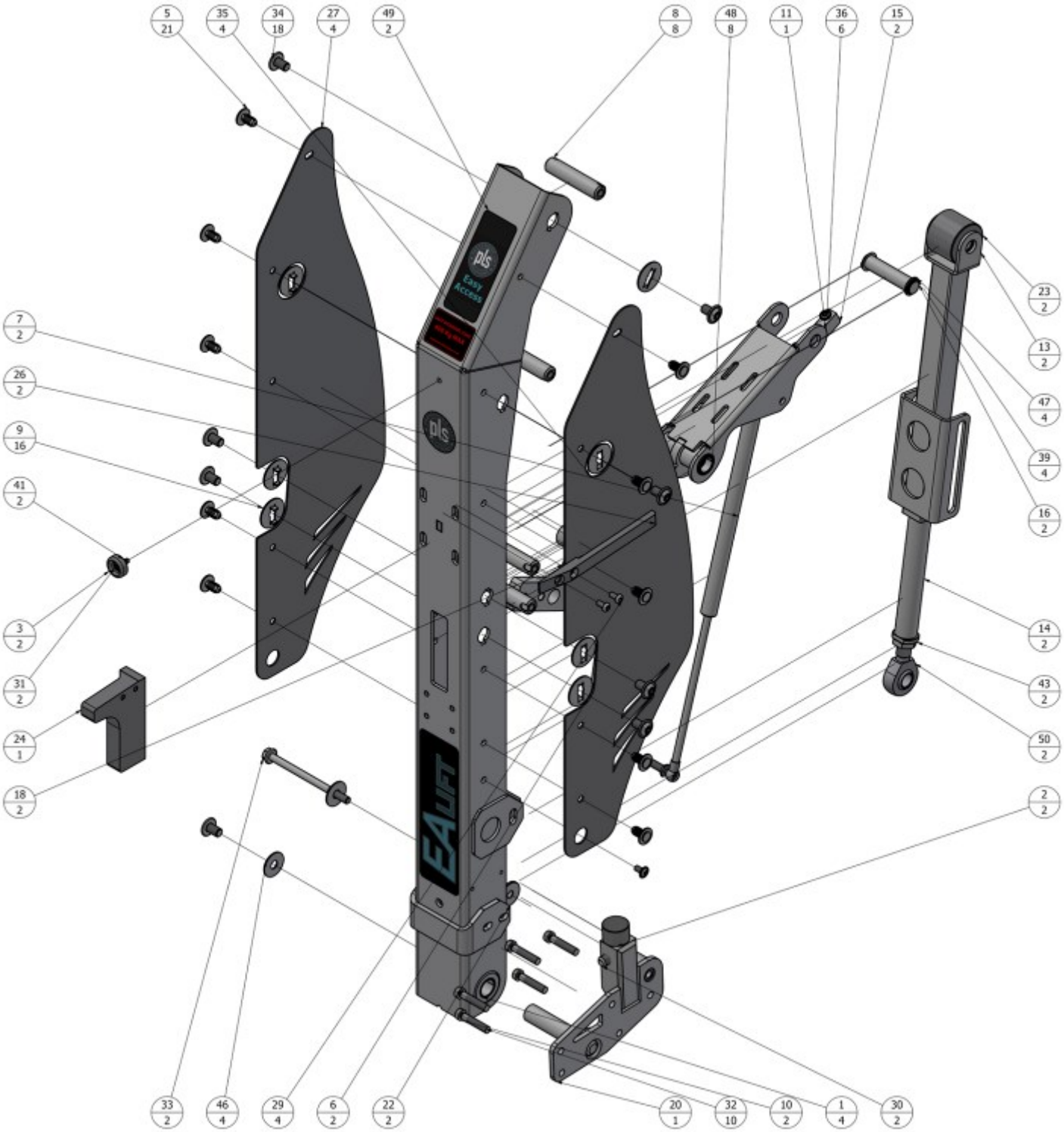
Reference	Quantity	Part Number	Description
1	1	CONGR/0003	Black Grommet 40mm x 3mm
2	2	EAFABARM286-0301	EA Arm Pin
3	4	EAFABARM286-0302	EA Anti Rotation Washer
4	1	EAFABBAS286-0158	EA Tower Spring Retainer
5	2	EAPLABAS286-0162	EA Base Tube
6	1	EASPRARMEA244	EA Arm Tension Spring
7	1	FASBL/0608	M6 X 12 CL100 HT HEX S/L Z/P
8	4	FASBL/9908	M10 x 16 Torx Flange Dome Screw
9	20	FASBL/9911	M6 x 20 Torx Flange Dome Screw



Reference	Quantity	Part Number	Description
1	8	ACC26991	Flange Glacier Bush 18x20x12
2	2	EAFABARM286-0313	EA Arm
3	2	EASPRARMEA245	EA Support Arm Tension Spring



Reference	Quantity	Part Number	Description
1	8	ACC26991	Flange Glacier Bush 18x20x12
2	2	EAFABARM286-0313	EA Arm
3	2	EAFABARM286-0314	EA Arm Cover
4	4	FASRV/9901	4.8 x 16 Dome Head Rivet Black
5	2	EAFABARM286-0327	EA Lower Arm Cover
6	4	FASBL/9901	M6 x 8 Torx Flange Dome Screw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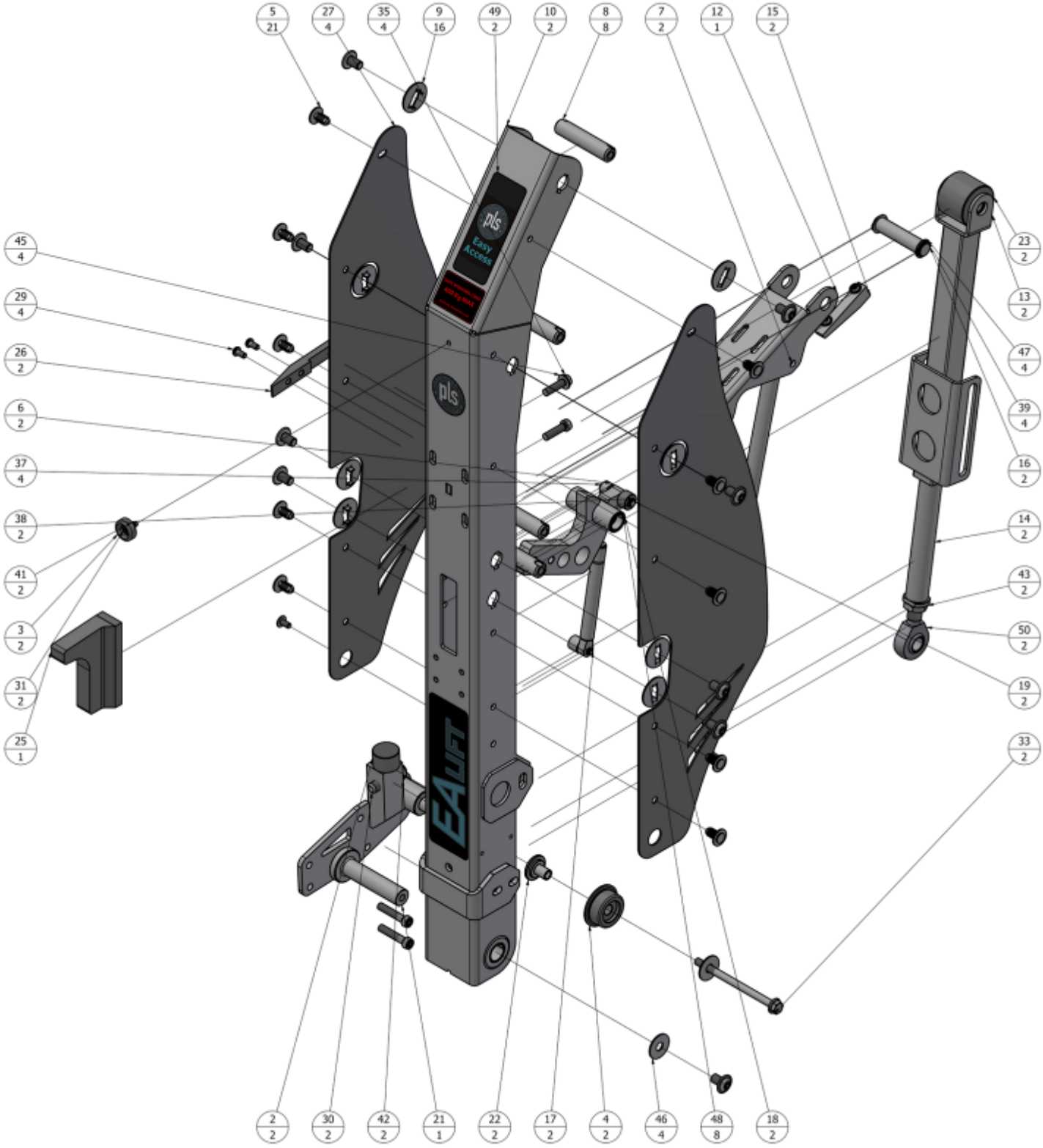
Easy Access
EA LIFT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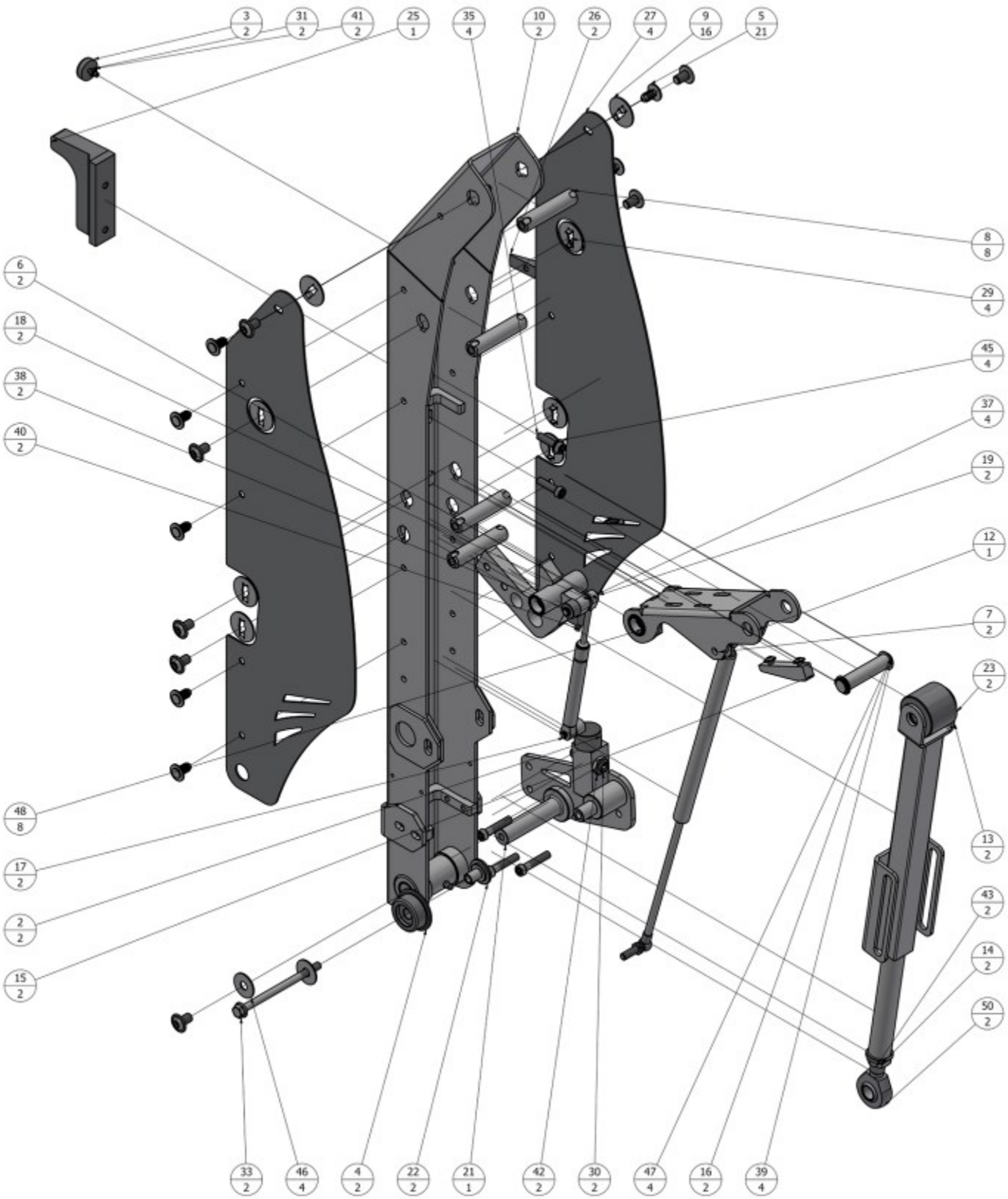
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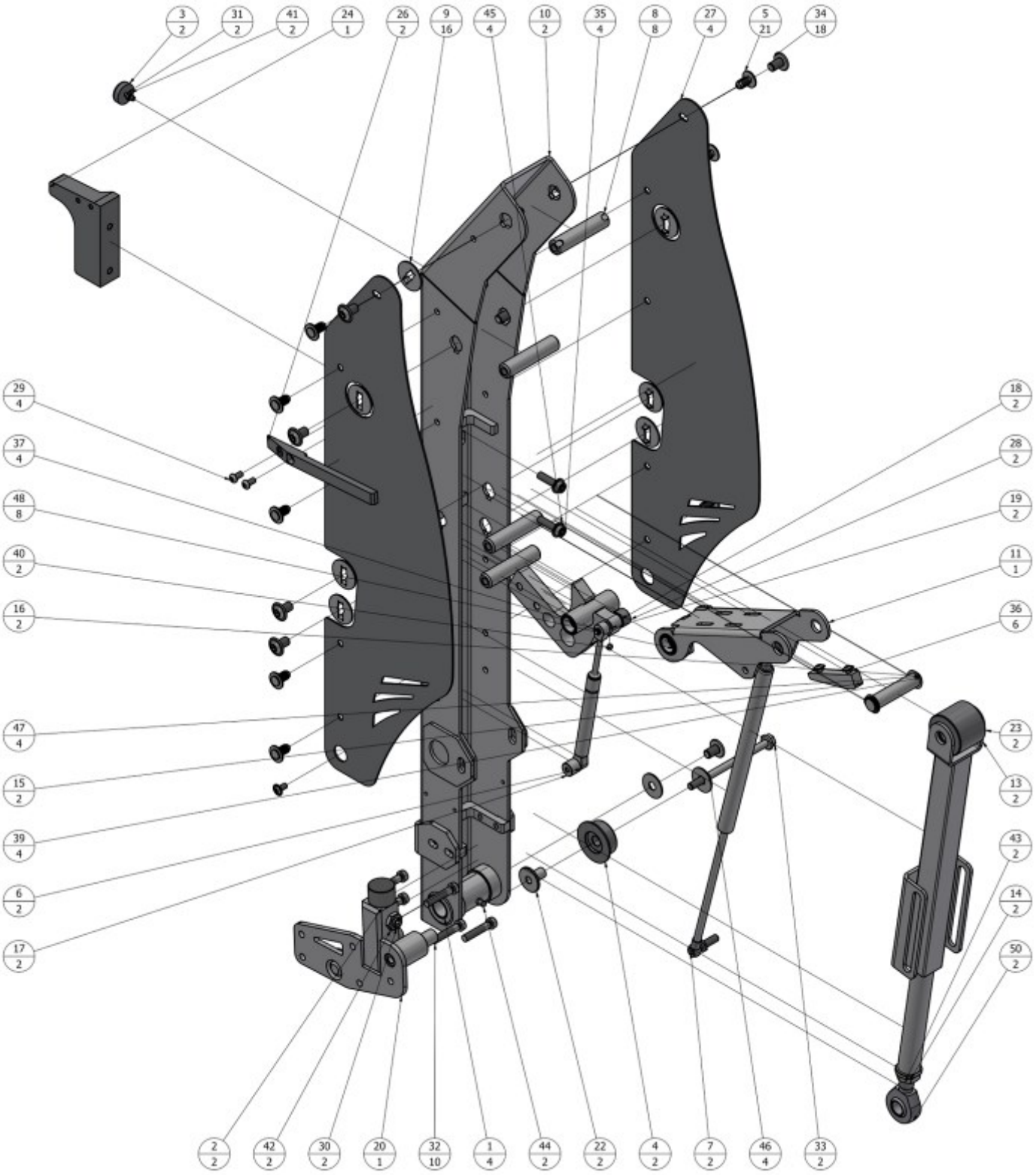
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14 2
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30 2
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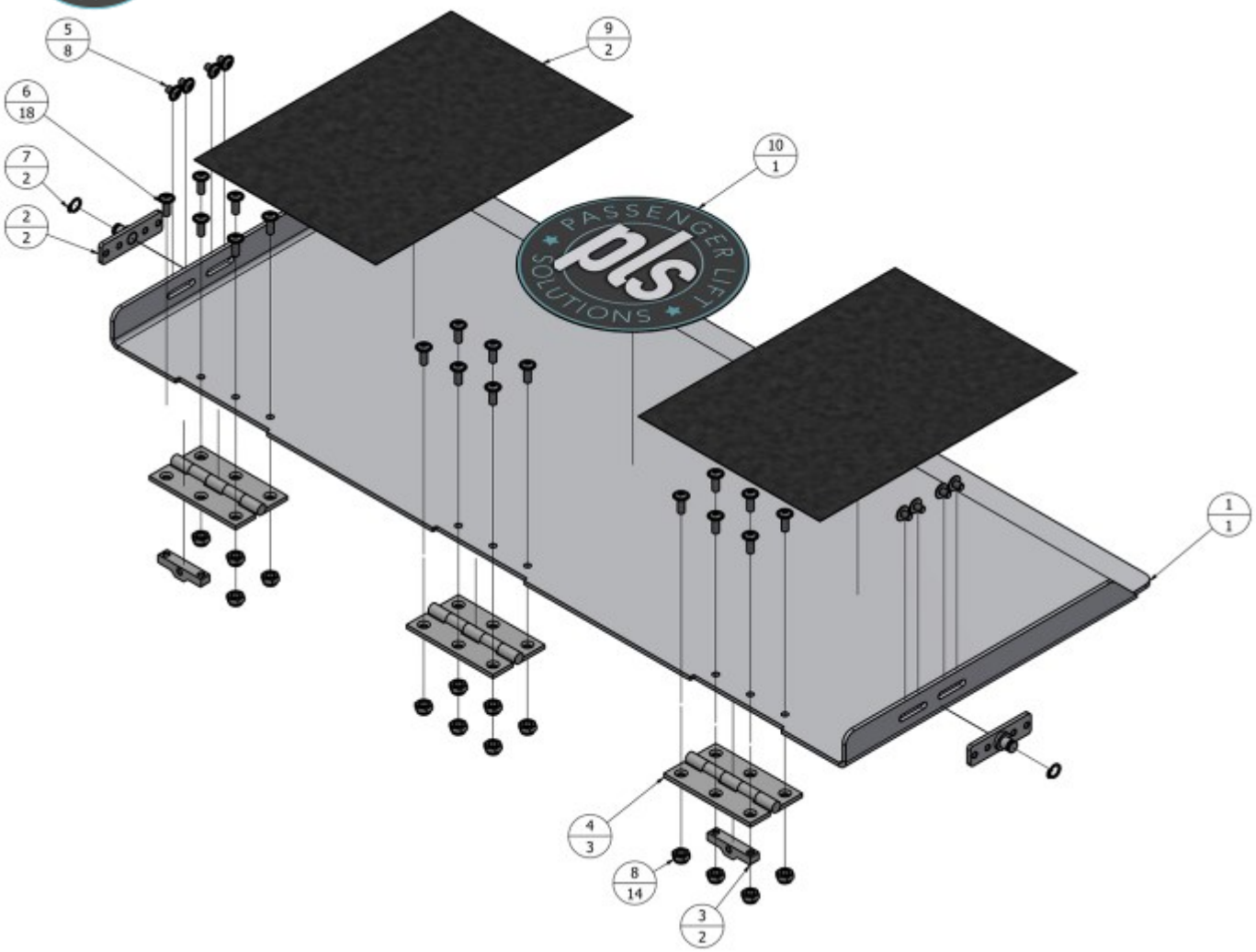
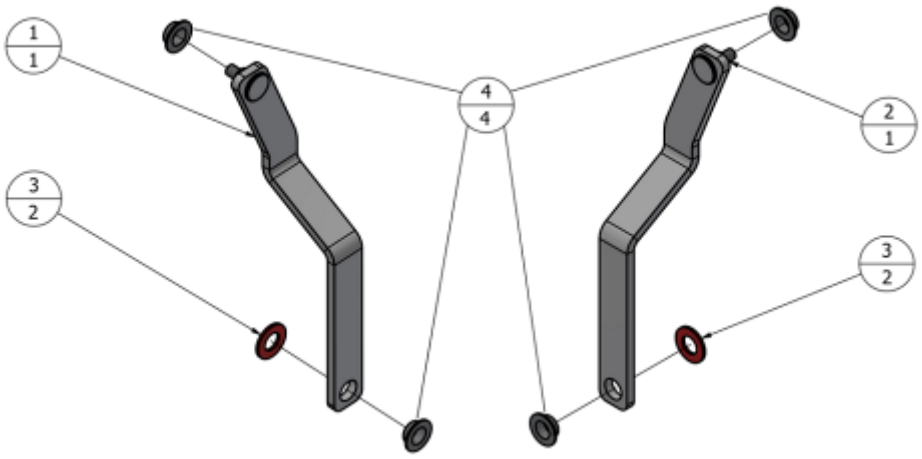
32 10
1 4
44 2
22 2
4 2
7 2
46 4
33 2

Reference	Quantity	Part Number	Description
1	4	ACC26362	Glacier Bush 20x23x25
2	2	ACC27027	Rubber Buffer
3	2	ACC27028	Rubber Stop Ø25 x 9
4	2	ACCPLAARM281-0310	ACC Arm Roller Guide
5	21	CONEC/0019	Push Fit Expanding Rivet
6	2	DSGASSPRWDS0100	Gas Spring
7	2	EA10004	EA BRP Gas Spring
8	8	EAFABARM286-0301	EA Arm Pin
9	16	EAFABARM286-0302	EA Anti Rotation Washer
10	2	EAFABARM286-0304	Front Arm
11	1	EAFABARM286-0305-LH	EA Upper Stow Lever LH
12	1	EAFABARM286-0305-RH	EA Upper Stow Lever RH
13	2	EAFABARM286-0306	Stow Outer Tube
14	2	EAFABARM286-0307	EA Lower Stow Pivot Tube
15	2	EAFABARM286-0309	EA Handrail Lever Guide
16	2	EAFABARM286-0311	EA Stow Lever Pin
17	2	EAFABARM286-0312	EA Arm Gas Spring Pin
18	2	EAFABHAN286-0702	EA Handrail Pivot Socket
19	2	EAFABHAN286-0704	EA HAN Bearing Pin
20	1	EAFABPLA286-0410-LH	Platform Pivot Plate LH
21	1	EAFABPLA286-0410-RH	Platform Pivot Plate RH
22	2	EAFABPLA286-0428	EA Platform Stow Roller Boss
23	2	EAPLAARM286-0308	EA Stow Roller
24	1	EAPLAARM286-0322-LH	EA Arm Stow Block LH
25	1	EAPLAARM286-0322-RH	EA Arm Stow Block RH
26	2	EAPLAARM286-0324	EA Rod Guide
27	4	EAPLAARM286-0325	EA Arm Guard Ally
28	2	EAPLAHAN286-0706	EA Handrail Roller
29	4	FASBL/0612	M6 x 12 Socket Head Dome
30	2	FASBL/9121	M12 x 50 mm Cup Point Grub Screw
31	2	FASBL/9501	M5 x 16 Socket Flange Head Set A2
32	10	FASBL/9905	M8 x 40 Torx Pan Head Screw
33	2	FASBL/9907	M8 x 120 CL100 HT HEX S/L Z/P
34	18	FASBL/9908	M10 x 16 Torx Flange Dome Screw
35	4	FASBL/9909	M8 x 30 Torx Pan Head Screw
36	6	FASBL/9912	M6 x 12 Torx Flange Dome Screw
37	4	FASCC/0601	M6 External Circlip
38	2	FASCC/0801	M8 External Circlip
39	4	FASCC/471	M16 External Circlip
40	2	FASGS/0605	M6 x 6mm Cup Point Grub Screw
41	2	FASNT/0501	M5 Nyloc Nut
42	2	FASNT/1203	M12 Half Nut
43	2	FASNT/1603	M16 Half Nut
44	2	FASOT/0501	M5 Grease Nipple
45	4	FASWA/0801	M8 Plain Washer Form A
46	4	FASWA/1004	M10 x 30 Repair Washer
47	4	FASWA/1604	M16 Shim Washer
48	8	GX-BRG-BSH-MB1810DU	Glacier Bush 20x18x10
49	2	LABEL/0015	EA LED Sticker
50	2	RODEND-1852492	M16 Male Rod End

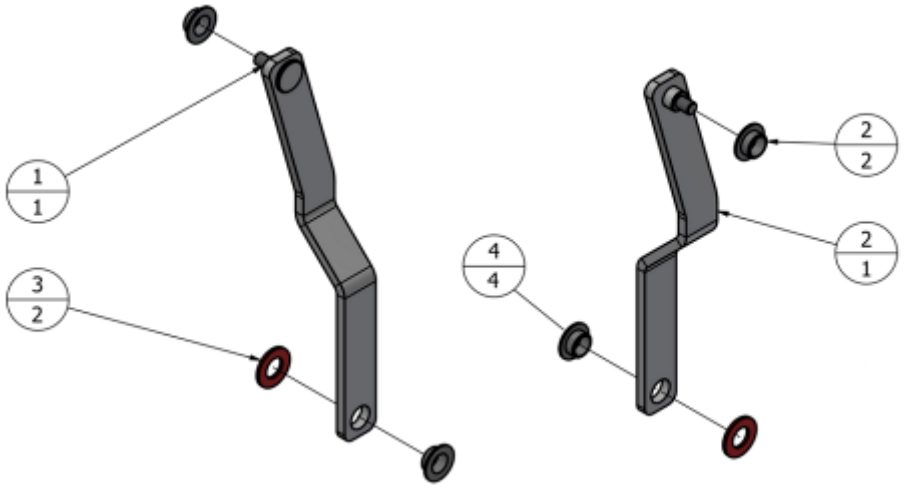


Reference	Quantity	Part Number	Description
1	1	Various	EA Bridge Plate
2	2	EAFABBRP286-0614	EA BRP BRKT Pivot
3	2	EAFABPLA286-0440	EA Torsion Bar MTG
4	3	EAFABPLAEA665	EA Platform Gate Hinge
5	8	FASBL/9901	M6 x 8 Torx Flange Dome Screw
6	18	FASBL/9911	M6 x 20 Torx Flange Dome Screw Black
7	2	FASCC/1001	M10 External Circlip
8	14	FASNT/0801	M8 Nyloc Nut
9	2	HASC/0004	EA Antislip BRP 210 x 297mm
10	1	HASCL/0003	EA4 Antislip With Logo 190mm

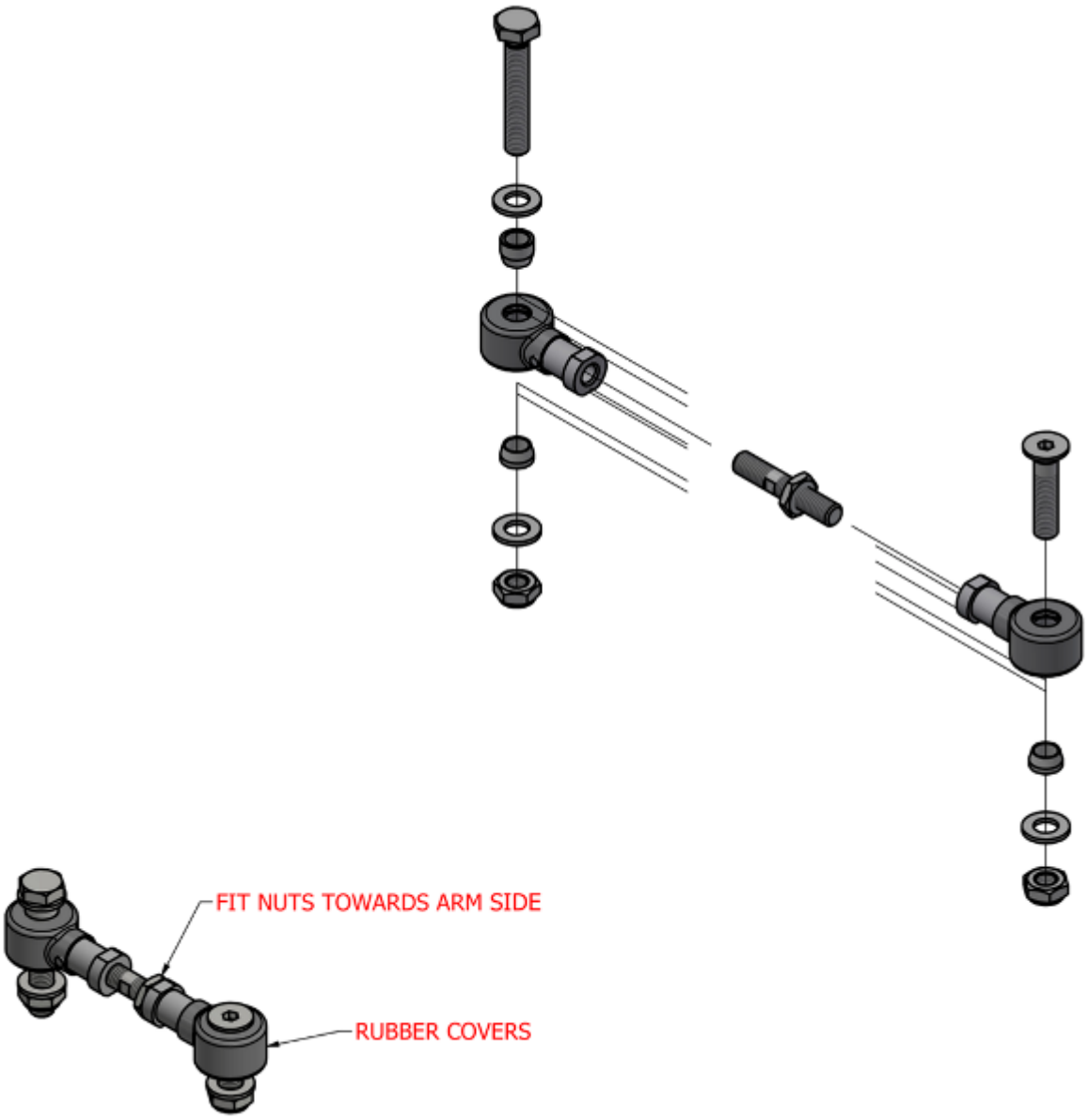
Reference	Part Number	Description
1	EAALYBRP286-0613-745	EA Bridge Plate 745
1	EAALYBRP286-0613-805	EA Bridge Plate 805/815
1	EAALYBRP286-0613-865	EA Bridge Plate 865/875
1	EAALYBRP286-0613-905	EA Bridge Plate 905/915



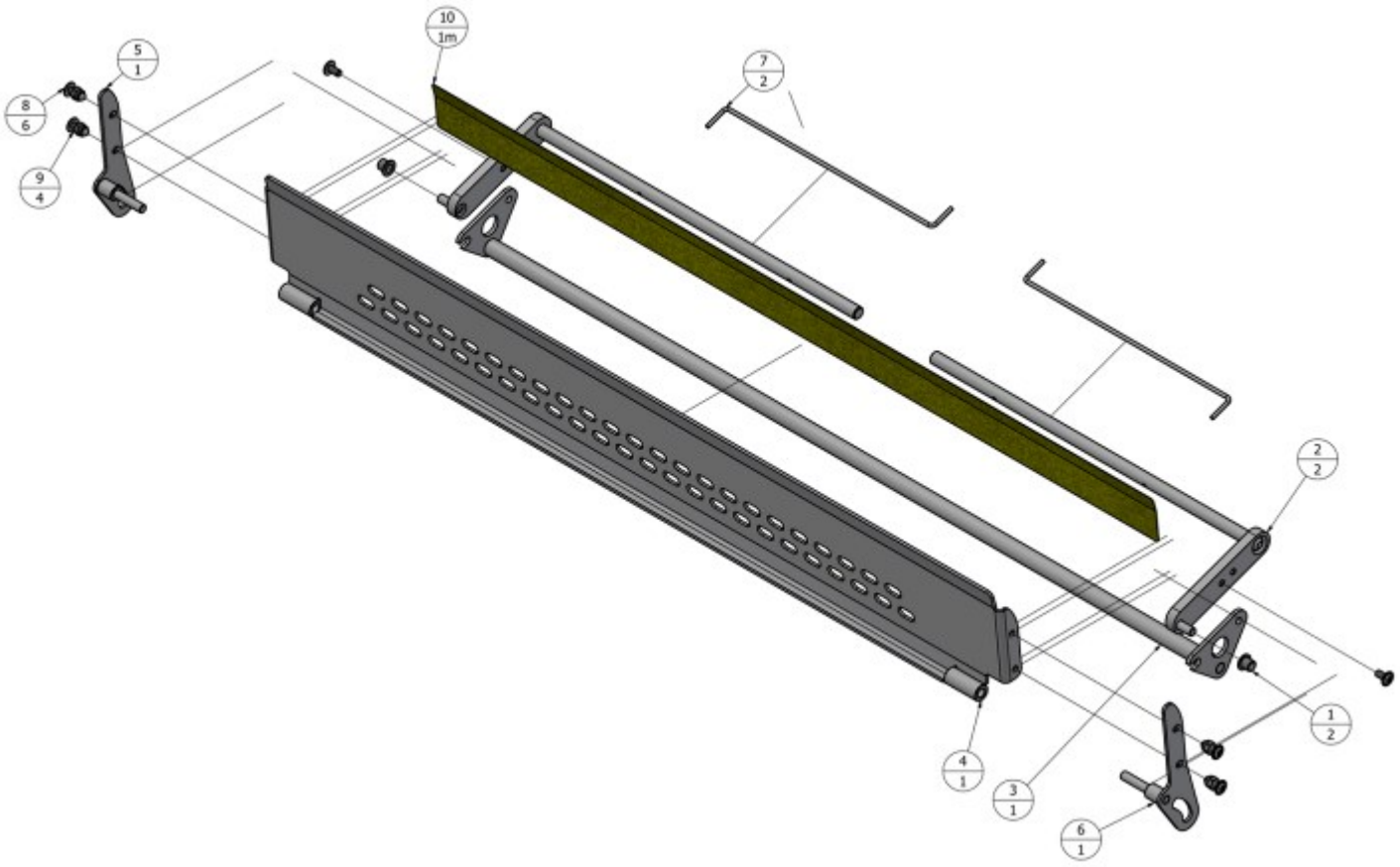
Reference	Quantity	Part Number	Description
1	1	EAFABBRP286-0610-LH	EA BRP Crank Lever V/S-LH
2	1	EAFABBRP286-0610-RH	EA BRP Crank Lever V/S-RH
3	4	EA286-7408	Plastic Bush
4	2	FASWA/9903	M10 x 1.5 Fibre Washer



Reference	Quantity	Part Number	Description
1	1	EAFABBRP286-0615-LH	EA BRP Crank Lever H-LH
2	1	EAFABBRP286-0615-RH	EA BRP Crank Lever H-RH
3	4	EA286-7408	Plastic Bush
4	2	FASWA/9903	M10 x 1.5 Fibre Washer



Reference	Quantity	Part Number	Description
1	2	EAFABARMEA663	EA Knuckle Joint Assy

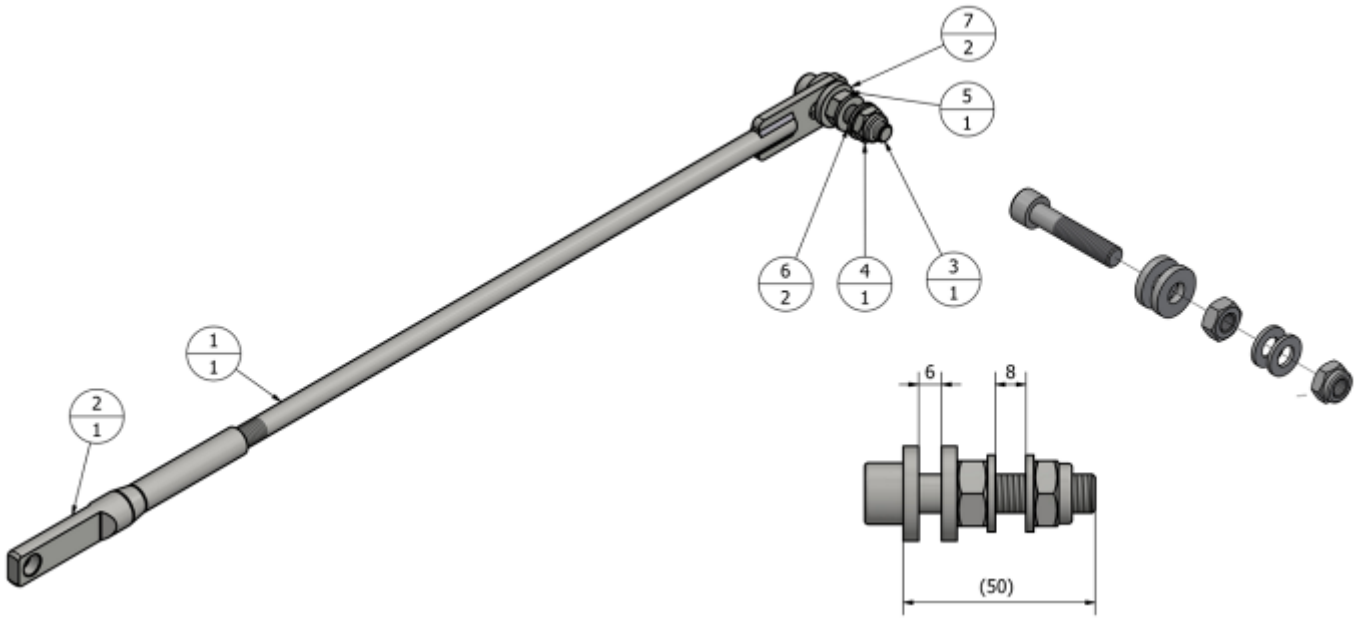


Reference	Quantity	Part Number	Description
1	2	EA286-7406	Platic Bush
2	2	Various	Ramp Lever
3	1	Various	EA ROR Lever Bar
4	1	Various	EA ROR
5	1	EAFABROR286-0813-LH	EA ROR Hinge H LH
6	1	EAFABROR286-0813-RH	EA ROR Hinge H RH
7	2	EASPRROREA249-RH	EA ROR Torsion Spring
8	6	FASBL/9912	M6 x 12 Torx Flange Dome Screw
9	4	FASNT/2006	M6 Domed Cap Nut
10	1m	HASCL/0002	50mm Yellow Cleating Roll

Reference	Part Number	Description
2	EAFABROR286-0803-815	Ramp Lever 805/865/905
2	EAFABROR286-0803-745	Ramp Lever 745

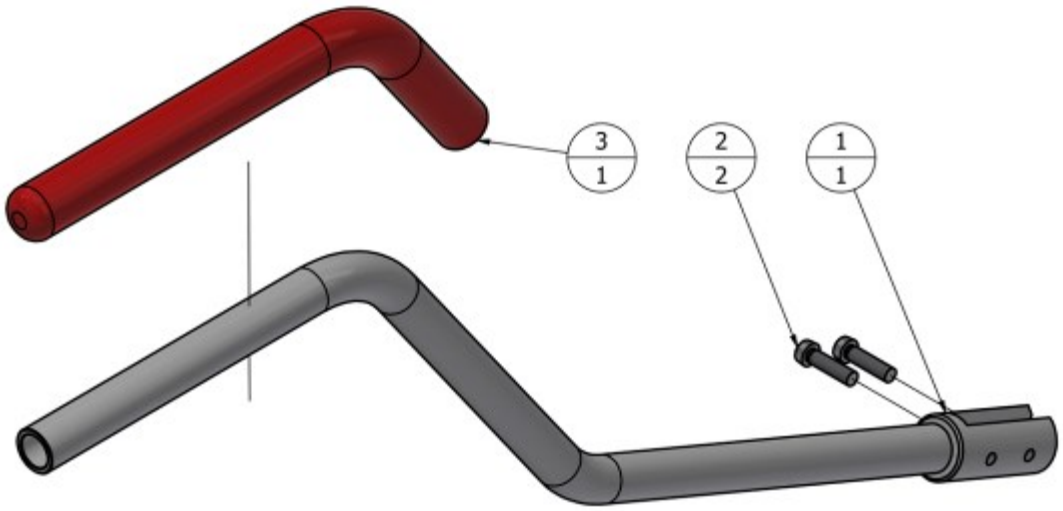
Reference	Part Number	Description
3	EAFABROR286-0809-H745	EA ROR Lever Bar H745
3	EAFABROR286-0809-H805	EA ROR Lever Bar H805
3	EAFABROR286-0809-H865	EA ROR Lever Bar H865
3	EAFABROR286-0809-H905	EA ROR Lever Bar H905

Reference	Part Number	Description
4	EAFABROR286-0809-H745	EA ROR H745
4	EAFABROR286-0809-H805	EA ROR H805
4	EAFABROR286-0809-H865	EA ROR H865
4	EAFABROR286-0809-H905	EA ROR H905

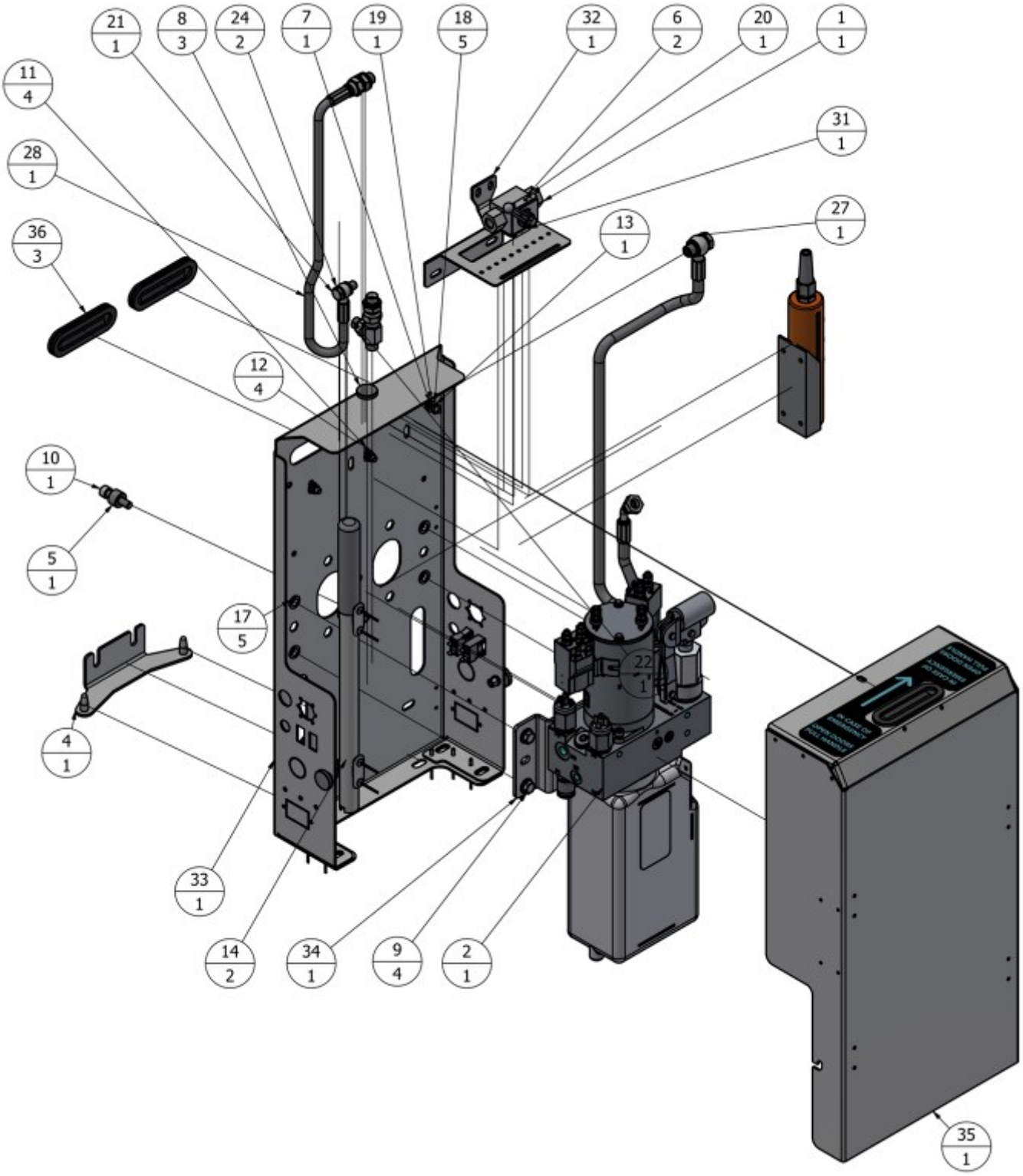


Reference	Quantity	Part Number	Description
1	1	Various	EA Tie Rod Bar
2	1	EAFABARM286-0326	EA Rod Adjuster
3	1	FASBL/1041	M10 x 50 Socket Head Cap Screw
4	1	FASNT/1001	M10 Nyloc Nut
5	1	FASNT/1005	M10 Full Nut
6	2	FASWA/1001	M10 Plain Washer Form A
7	2	FASWA/1007	M10 Plain Washer 25 OD 4 THK

Reference	Part Number	Description
1	EAFABARM286-0319-1310	EA Tie Rod Bar H1310
1	EAFABARM286-0319-1510	EA Tie Rod Bar H1510
1	EAFABARM286-0319-1610	EA Tie Rod Bar H1610



Reference	Quantity	Part Number	Description
1	1	EAFABHAN286-0701	EA Handrail Standard
2	2	FASBL/9909	M8 x 30 Torx Pan Head Screw
3	1	EAPLAARM286-0705-R	EA Handrail Sleeve Red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32 1
6 2
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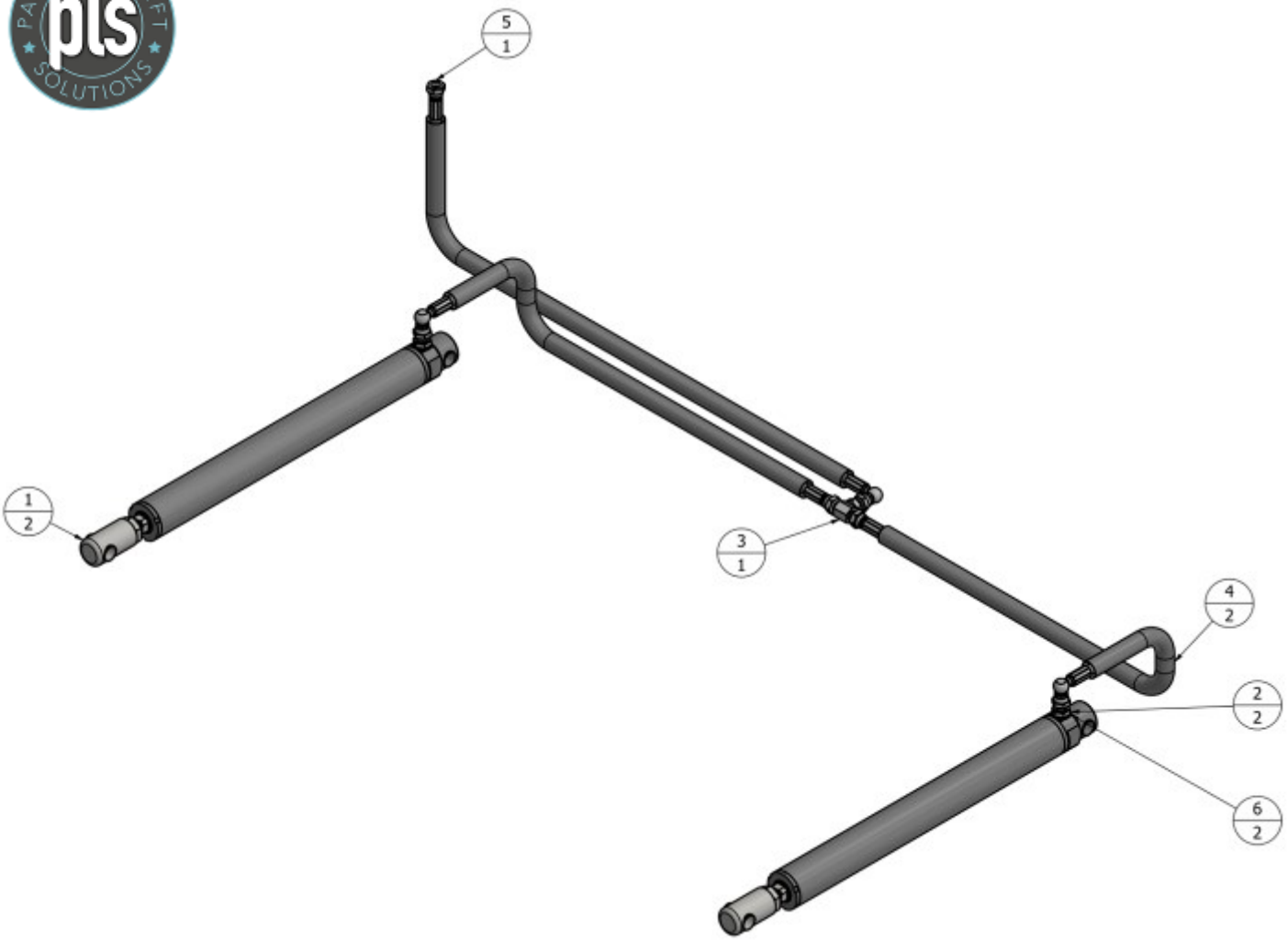
1 1
11 4
31 1
28 1
27 1
36 3
13 1
12 4
10 1
5 1
17 5
22 1
4 1
33 1
14 2
34 1
9 4
2 1
35 1

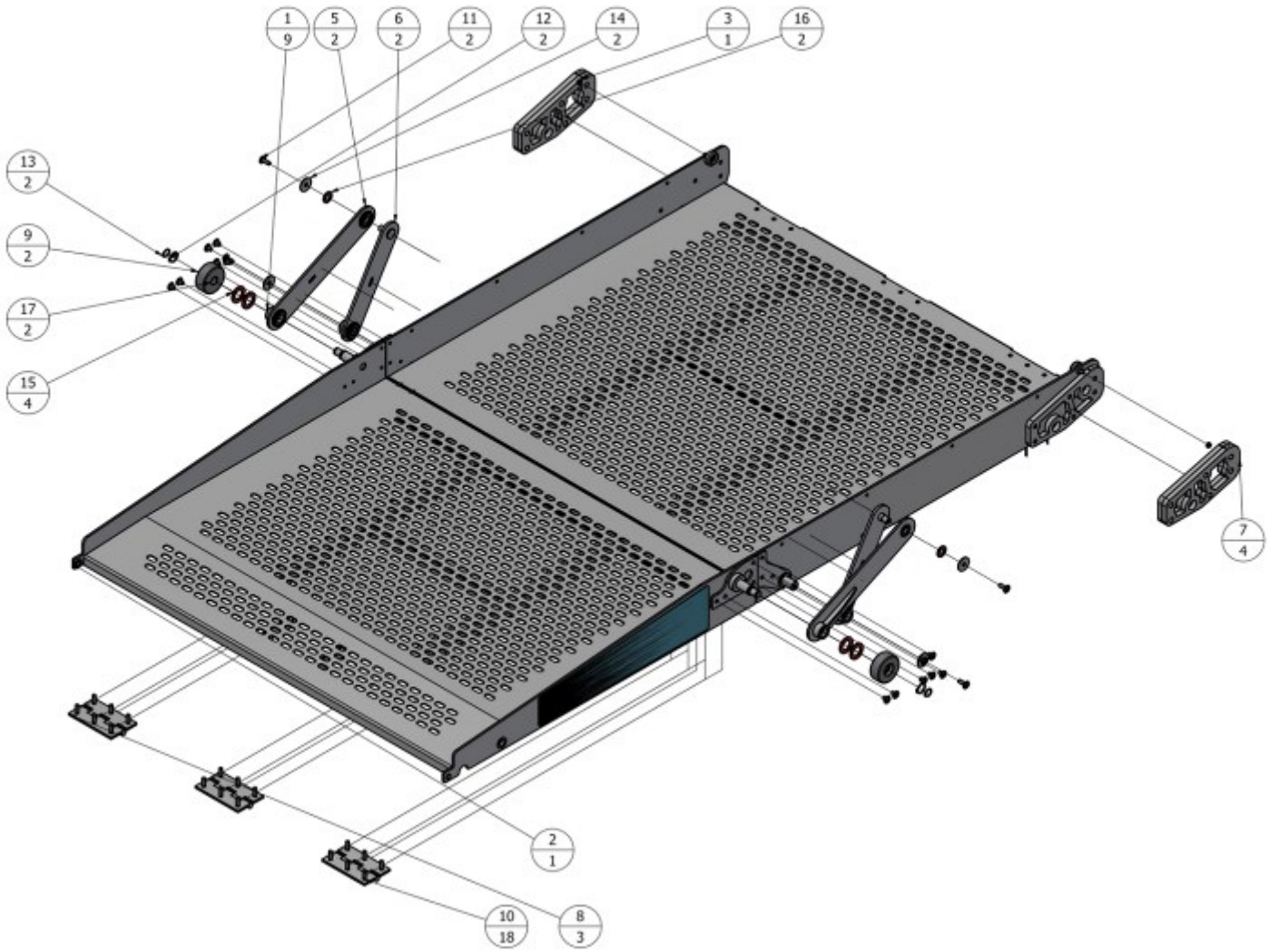
Reference	Quantity	Part Number	Description
1	1	ACCHYDFITBALVALVE-1/4	1/4 BSP, 2 Way Ball Valve
2	1	ACCHYDPMPZAN-PLS002012	Universal Power Pack 12V
3	1	EAELEPMP64-010	EA Universal Pump Harness
4	1	EAFABBAS695	Pump Mounting Bracket
5	1	EAPLAPMPEA697	EA Pump Box Spacer
6	2	FASBL/0409	M4 x 40 Socket Head Cap Screw
7	1	FASBL/0624	M6 x 20 Socket Flange Dome Head A2
8	3	FASBL/0665	M6 x 12 Knurled Thumbscrew
9	4	FASBL/0804	M8 x 16 CL 100 HT HEX S/L Z/P
10	1	FASBL/0810	M8 x 35 Socket Capscrew
11	4	FASBL/9603	M6 x 16 Socket Flange Dome Head A2
12	4	FASNT/0601	M6 Nylock Nut
13	1	FASNT/0602	M6 Half Nut
14	2	FASOT/0009	3/4" Metal Tool Clip 82075 Black
15	4	FASRV/0008-BLK	3.2 x 12 Large Flange Head Rivet Black
16	3	FASRV/0016	Hex Rivnut M6
17	5	FASRV/0017	Hex Rivnut M8
18	5	FASWA/0601	M6 Plain Washer Form A
19	1	FASWA/0603	M6 Internal Star Washer
20	1	GNXAFABBOX60039	GNXA Box Lock Tapping Plate
21	1	GXHYDFITBAN1600-00-0	1/8 BSP Banjo Bolt
22	1	HYDFT/0003	1/4 BSP Tee MFM
23	1	HYDFT/0004	1/4 BSP Male Male Straight
24	2	HYDFT/0008	1/8 BSP Dowty Seal (Bonded Washer)
25	1	HYDFT/0009	1/4 BSP Banjo Bolt
26	1	HYDFT/0015	1/4 BSP Male Male 1mm Restrictor
27	1	HYDHOS286-4001	EA Override Pressure Hose
28	1	HYDHOS286-4002	EA Override Tank Hose
29	4	HYDWA/0001	1/4 BSP Dowty Seal (Bonded Washer)
30	1	LABEL/0046	EA4 Override Sticker
31	1	PMPALYPBOX9017	PMP Wago BRKT
32	1	PMPFABBRK9022	EA Valve BRKT
33	1	PMPFABPBOX9002	PMP Internal PBOX
34	1	PMPFABPBOX9007	PBOX Support Plate
35	1	PMPFABPCOV9004	PMP INT Pump Cover Standard
36	3	S150014	Oval Grommet



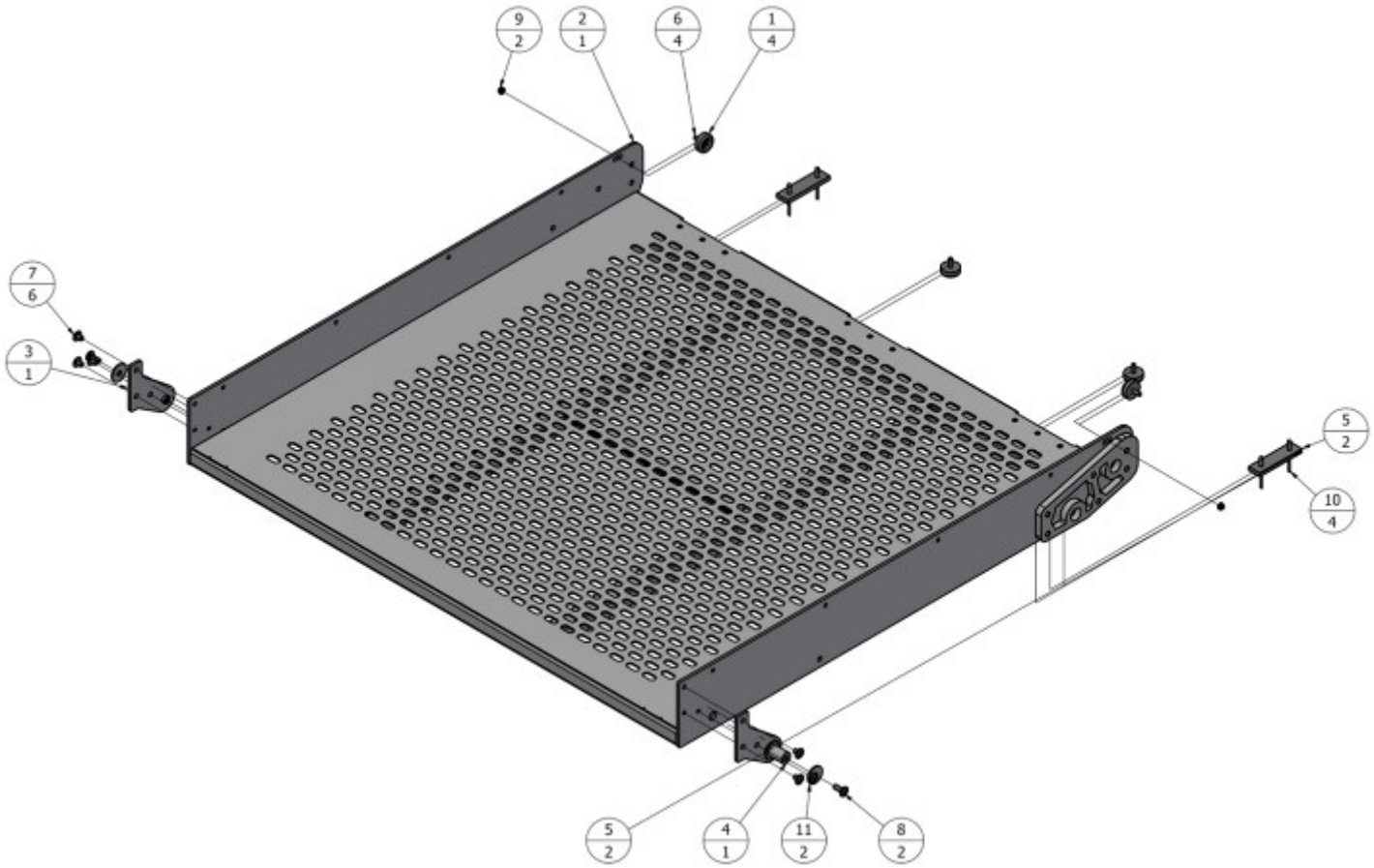
Reference	Quantity	Part Number	Description
1	2	ACCHYDCYLF036	EA4 Cylinder
2	2	HYDFT/0004	1/4 BSP Male Male Straight
3	1	HYDFT/0006	1/4 BSP Tee MMM
4	2	Various	EA Cylinder Hose (Platform Width)
5	1	Various	EA Pump Hose (Platform Width)
6	2	HYDWA/0001	1/4 BSP Dowty Seal (Bonded Washer)

Reference	Part Number	Description
4	HYDHOS286-4003-B	EA Cylinder Hose B (815w)
4	HYDHOS286-4003-C	EA Cylinder Hose C (875w/915w)
4	HYDHOS286-4003-D	EA Cylinder Hose D (745w)

Reference	Part Number	Description
5	HYDHOS286-4004-B	EA Pump Hose B (815w)
5	HYDHOS286-4004-C	EA Pump Hose C (875w/915w)
5	HYDHOS286-4004-D	EA Pump Hose D (745w)

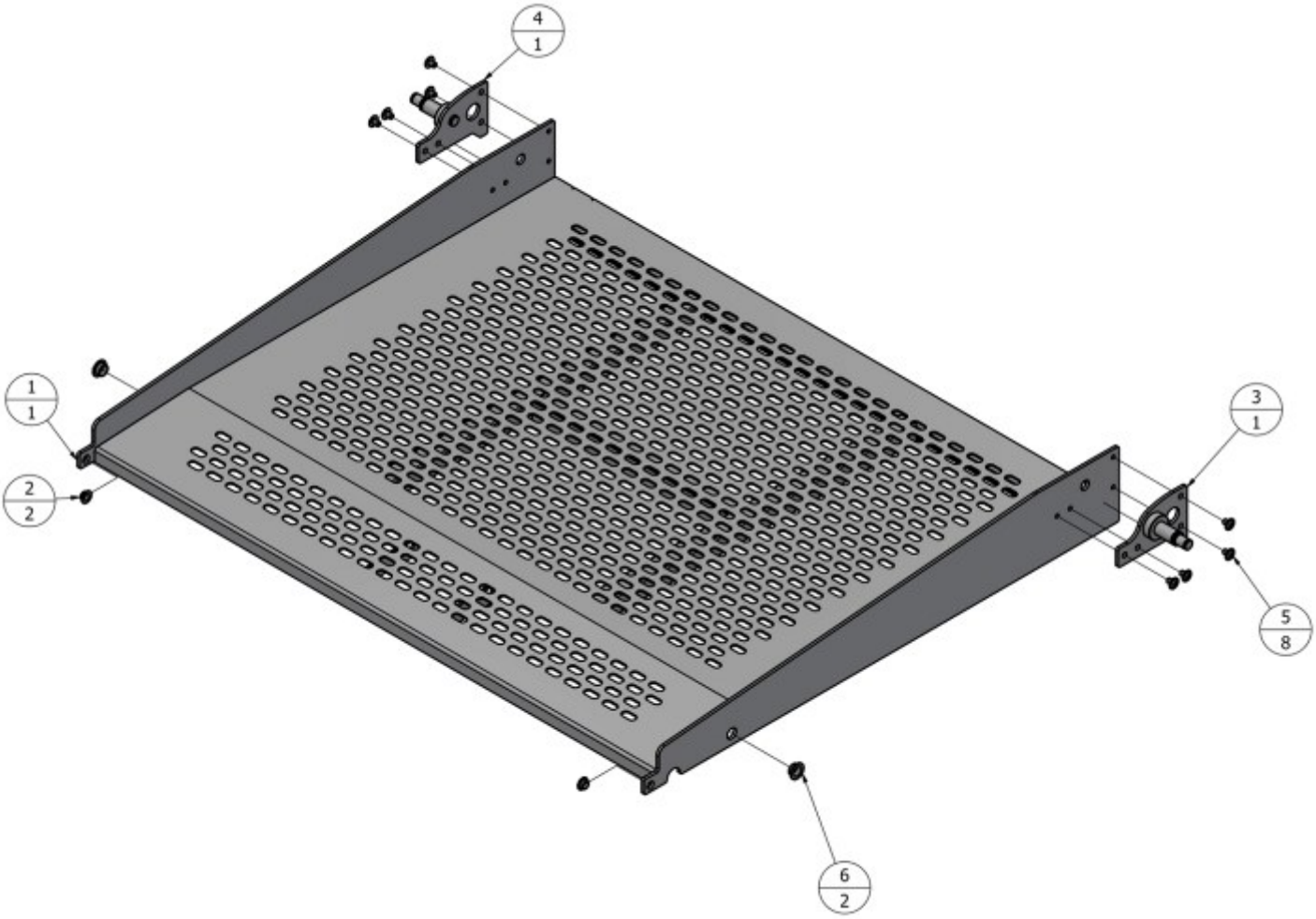


Reference	Quantity	Part Number	Description	Reference	Quantity	Part Number	Description
1	9	ACC28672	Plastic Bush	10	18	FASBL/0634	M6 x 20 Torx Head CSK A2
2	1	Various	EA Platform H Front Assy	11	2	FASBL/9902	M6 x 16 Torx Flange Dome Screw
3	1	Various	EA Platform H Rear Assy	12	2	FASCC/471	M16 External Circlip
4	2	EA286-7408	Plastic Bush	13	2	FASCC/1201	M12 External Circlip
5	2	EAFABPLA286-0431	EA PLA Lever BRKT	14	2	FASWA/0605	M6 x 25 Mud Guard Washer
6	2	EAFABPLA286-0434	EA PLA Tie BRKT	15	4	FASWA/9902	M16 x 1.5 Fibre Washer
7	4	EAFABPLA286-0437	EA Pivot Spacer Plate	16	2	FASWA/9903	M10 x 1.5 Fibre Washer
8	3	EAFABPLAEA665	EA Platform Gate Hinge	17	2	FLA35125	Glacier Bush 12 x14 x12
9	2	EQSPLAARM130241	EQ Arm Roller				



Reference	Quantity	Part Number	Description
1	4	ACC27028	Rubber Stop Ø25 x 9
2	1	Various	EA Rear Platform HF
3	1	EAFABPLA286-0444-LH	EA Rear Stop BRKT LH
4	1	EAFABPLA286-0444-RH	EA Rear Stop BRKT RH
5	2	EAPLAPLA286-0439	EA Platfomr Slide
6	4	FASBL/9501	M5 x 16 Socket Flange Head Set A2
7	6	FASBL/9901	M6 x 8 Torx Flange Dome Screw
8	2	FASBL/9902	M6 x 16 Torx Flange Dome Screw
9	2	FASNT/0501	M5 Nyloc Nut
10	4	FASRV/0003	4.8 x 16 CSK Head Rivet
11	2	FASWA/0605	M6 x 25 Mud Guard Washer

Reference	Part Number	Description
2	EAFABPLA286-0441-1310-745	EA Rear Platform HF 1310 745
2	EAFABPLA286-0441-1310-905	EA Rear Platform HF 1310 905
2	EAFABPLA286-0432-1510-805	EA Rear Platform HF 1510 805
2	EAFABPLA286-0432-1510-865	EA Rear Platform HF 1510 865
2	EAFABPLA286-0432-1510-905	EA Rear Platform HF 1510 905
2	EAFABPLA286-0449-1610-905	EA Rear Platform HF 1610 905



Reference	Quantity	Part Number	Description
1	1	Various	EA Front Platform HF
2	2	EA286-7407	Plastic Bush
3	1	EAFABPLA286-0443-RH	EA Front Stop BRKT RH
4	1	EAFABPLA286-0443-LH	EA Front Stop BRKT LH
5	8	FASBL/9901	M6 x 8 Torx Flange Dome Screw
6	2	EA286-7408	Plastic Bush

Reference	Part Number	Description
1	EAFABPLA286-0442-1310-745	EA Front Platform HF 1310 745
1	EAFABPLA286-0442-1310-905	EA Front Platform HF 1310 905
1	EAFABPLA286-0433-1510-805	EA Front Platform HF 1510 805
1	EAFABPLA286-0433-1510-865	EA Front Platform HF 1510 865
1	EAFABPLA286-0433-1510-905	EA Front Platform HF 1510 905
1	EAFABPLA286-0448-1610-905	EA Front Platform HF 1610 905

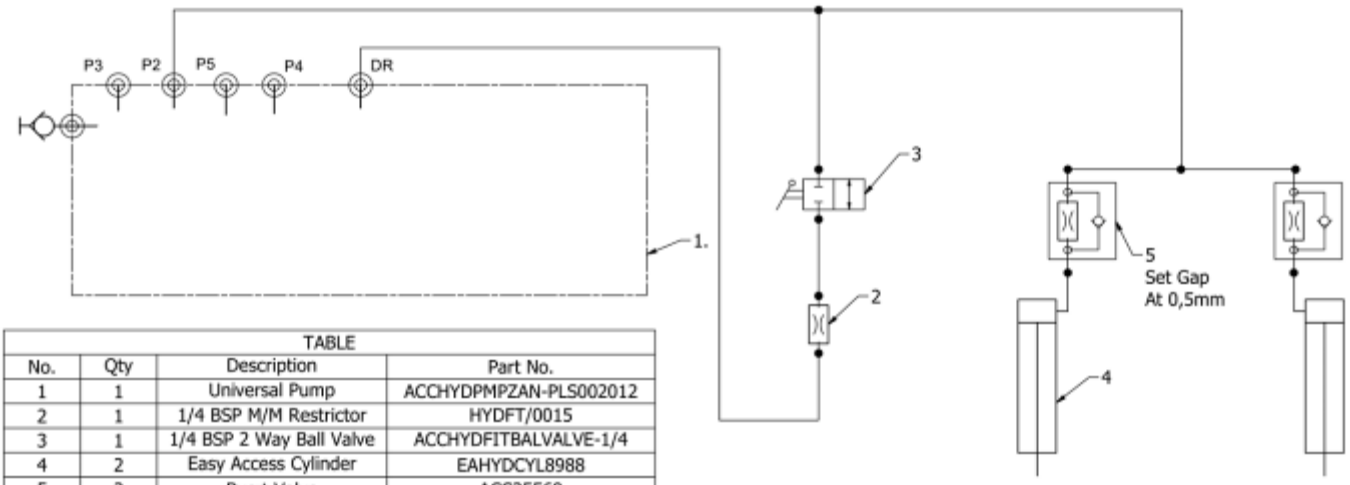
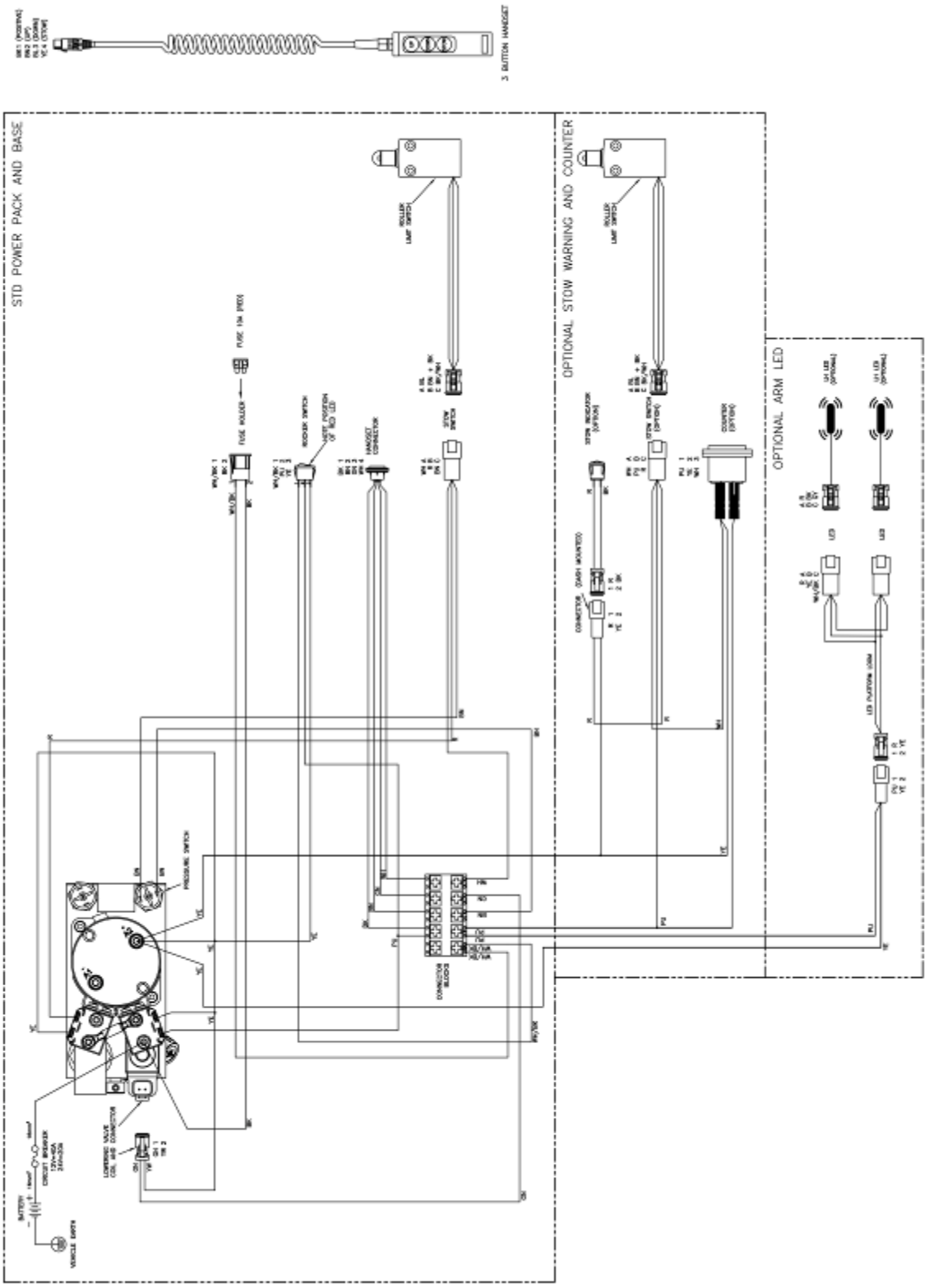


TABLE			
No.	Qty	Description	Part No.
1	1	Universal Pump	ACCHYDPMPZAN-PLS002012
2	1	1/4 BSP M/M Restrictor	HYDFT/0015
3	1	1/4 BSP 2 Way Ball Valve	ACCHYDFITBALVALVE-1/4
4	2	Easy Access Cylinder	EAHYDCYL8988
5	2	Busrt Valve	ACC25569

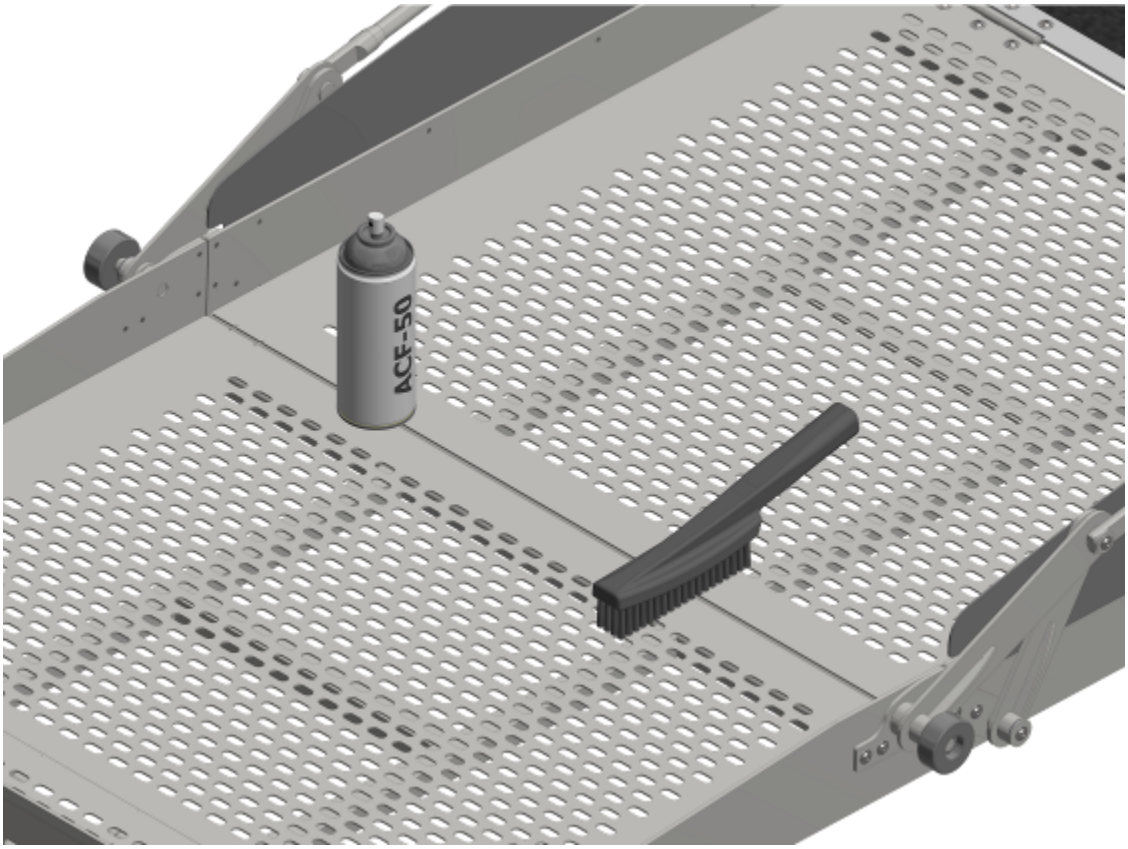

STD POWER PACK AND BASE
OPTIONAL STOW WARNING AND COUNTER
OPTIONAL ARM LED
3 BUTTON HANDSET

Cleaning

Care needs to be taken during the cleaning process, all cleaning should be carried out by hand using a gentle cloth or sponge soaked in non-aggressive detergent then rinsed with a cloth dampened with water. Ensure all moving parts are re-lubricated as per the lubrication section

DO NOT USE AGGRESSIVE CLEANERS

DO NOT USE PRESSURE WASHERS OR HOT WATER JET CLEANERS



After cleaning, relubricate as per the lubrication section

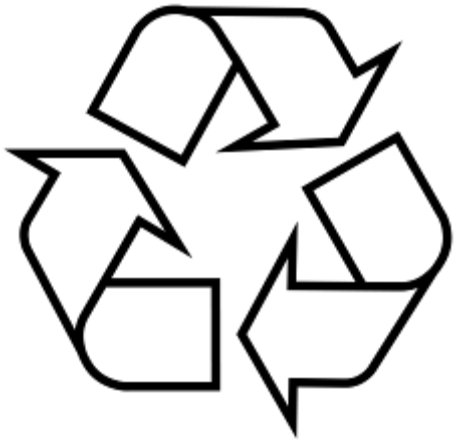
Troubleshooting

Symptom	Possible Cause	Solution
Lift will not deploy	Circuit Breaker Tripped / Fuse Blown	Re-set circuit breaker (push button in) situated on vehicle or change fuse
	Handset Button Failure	Check wiring in Handset, replace if needed
	Lift Arm Spring Failure	Replace damaged or stretched springs
	Arm linkage seized in	STAND CLEAR OF PLATFORM. Press Down Button while pulling lift out
Platform unfolds when not in use	Hose Burst / Hydraulic Leak	Check for leaking oil, replace all necessary components, close tap & re-stow lift
	Manual override / down valve tap left open	Close relevant taps / valves & restow lift
Lift fails to power UP	Circuit Breaker Tripped	Re-set circuit breaker (push button in) situated near vehicle battery
	Handset button failure	Replace handset module
	Hose Burst / Hydraulic Leak	Check for leaking oil, replace all necessary components, close tap & re-stow lift
	Low oil level in reservoir—air in system	Top up reservoir with PLS blue hydraulic oil 25mm from top 'MAX' when lift stowed
Roll-off ramp not reaching floor NOTE: Keep fingers on down button	Lack of lubrication	Spray all pivots ad moving parts with ACF-50
	Ramp damaged / bent	Replace damaged parts
	Uneven Ground	Land the lift on more suitable surface
	Platform angle not set	Adjust stowage adjustment screws at base of platform to set level position
Bridge plate not dropping to transfer plate	Lift not raised to max UP position	Power lift UP fully to floor height
		Re-set and test bridge plate mechanism
		Replace all damaged components Adjust stowage adjustment screws at base of platform to set level position See also EA4 vertical split procedure
	Activation spring no tension	Replace as necessary
	Bridge plate hinge has jammed	Loosen / Relubricate / Replace if necessary

Troubleshooting

Symptom	Possible Cause	Solution
Bridge plate not returning to vertical position	Mechanism has is stuck in down position	Reset, lubricate and test bridge plate mechanism
	Gas strut has lost pressure	Replace parts as necessary
Platform Doors do not align (EA4 vertical split)	Platform structure bent	Replace damaged components
	Platform knuckles not set correctly	Adjust the platform knuckles at the platform pivot. NOTE: When the platform is down, the platform knuckles must NOT be over-tensioned i.e. can be turned by finger pressure. See Platform Frame 'Horizontal adjustment procedure' in Section XXX See Platform Gates 'Synchronising procedure' in Section XXX

End of life–Safe Disposal

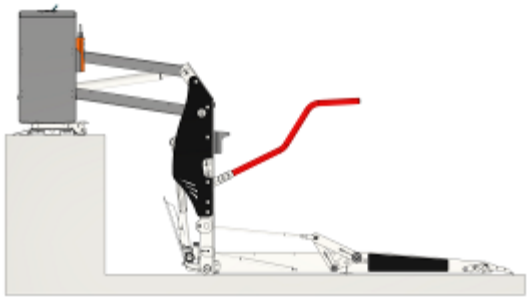


At the end of life, the machine must be disassembled, identical materials grouped together and disposed of in accordance with local environmental legislation

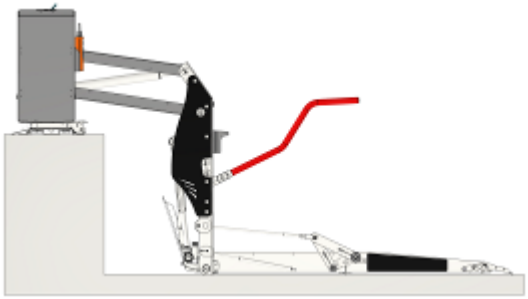
Contact the local authority to ensure that specific materials such as lubricants and electrical /

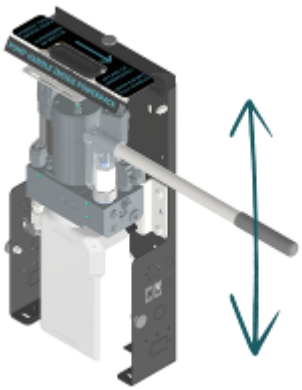
Inform PLS of disposal and return any ID plates if requested

Pump Bleeding



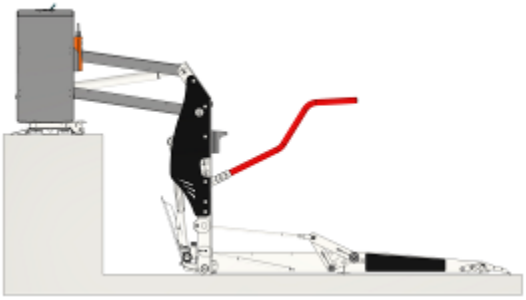
OPEN VEHICLE DOORS, ENSURE AREA IS CLEAR, **SLOWLY** OPEN VALVE AND LOWER LIFT TO GROUND LEVEL





PUMP MINIMUM 15 TIMES

ONCE AT FLOOR LEVEL, REMOVE PUMP COVER **KEEP LIFT AT GROUND LEVEL DURING PROCEDURE**

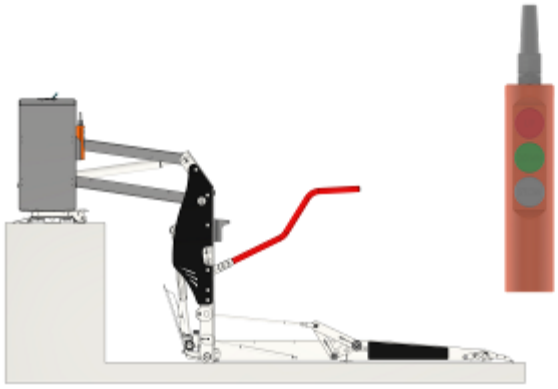


CLOSE VALVE

REMOVE AND STOW HANDLE

KEEP LIFT AT GROUND LEVEL DURING PROCEDURE

Oil Level Check

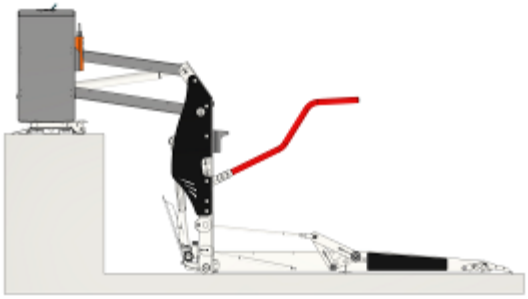


CLOSE

CLOSE VALVE

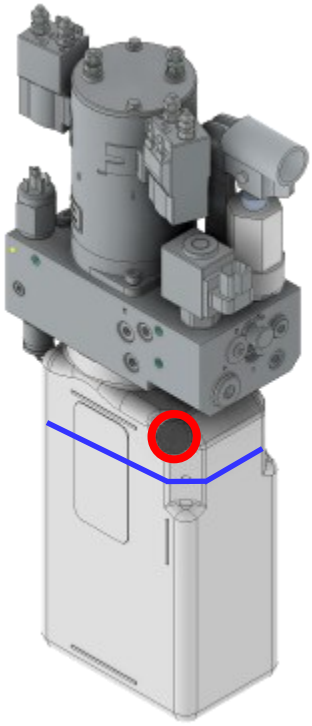
USE HANDSET TO LOWER LIFT

OPEN VEHICLE DOORS, ENSURE AREA IS CLEAR, LOWER LIFT TO GROUND LEVEL OIL LEVEL CHECK MUST BE DONE AT GROUND LEVEL OTHERWISE PUMP WILL BE DAMAGED, ENSURE OVERRIDE VALE IS FULLY CLOSED



ONCE AT FLOOR LEVEL, REMOVE PUMP COVER

KEEP LIFT AT GROUND LEVEL DURING PROCEDURE



REMOVE OIL FILLER CAP, IF DIP STICK IS FITTED ,WIPE WITH CLEAN CLOTH, REPLACE CAP, THEN TAKE OUT . CHECK LEVEL IS BETWEEN MIN AND MAX LEVEL.

IF NO DIPSTICK MAKE SURE OIL LEVEL IS 25MM BELOW OF OIL CAP HOLE.

IF EITHER IS BELOW LEVELS THEN TOP UP WITH PLS BLUE HY-DRAULIC OIL.

IF OVER-FILLED THEN OIL MUST BE TAKEN OUT BY LOOSENING A UNION TO DRAIN SLIGHTLY. KEEP CHECKING LEVELS. (A SY-RINGE MAY ALSO BE USED TO REMOVE THROUGH THE OIL CAP ORIFICE.

ONCE COMPLETED, REPLACE THE PUMP COVER

KEEP LIFT AT GROUND LEVEL DURING PROCEDURE

Daily Inspections

Lift inspection are required daily by the lift operating company. The working life of your lift will be prolonged if these steps are adhered to. Failure to follow the advised inspections may impact warranty.

Lift No.:		Vehicle Registration:	
Date:		Inspection Completed By:	
Operating Company:			
Address:			
Item	**Required Check**		**Passed Y/N**
1	Lift is free from signs of any leaks or damage.		
2	Operation instructions are visible.		
3	Manual pump handle is present.		
4	Handset control is working correctly with no signs of damage to hand-set or wiring.		
5	Platform is clean and replace missing/damaged grip tape. See cleaning section of the lift manual for more details.		
6	Handrails are clean, working correctly, secure under use, free from corrosion and damage.		
7	Arm guards are present and free from damage.		
8	Bridge plate is operating correctly and lands on the threshold plate inside the rear of the vehicle.		
9	Roll Off Ramp is operating correctly and lowers to the ground when lift is fully down. **Note:** Must be tested on flat and level ground.		
10	Check all base plate fixings to ensure witness mark unbroken.		
11	**If fitted**: Arm mounted warning lights are operating correctly.		

Monthly Inspections

Lift inspection are required monthly by the lift operating company. The working life of your lift will be prolonged if these steps are adhered to. Failure to follow the advised monthly inspections may impact warranty.

Lift No.:		Vehicle Registration:	
Date:		Inspection Completed By:	
Operating Company:			
Address:			
Item	**Required Check**		**Passed Y/N**
1	Lift is free from signs of any leaks or damage.		
2	Operation instructions are visible.		
3	Manual pump handle is present.		
4	Handset control is working correctly with no signs of damage to handset or wiring.		
5	Platform is clean and replace missing/damaged grip tape. See cleaning section of the lift manual for more details.		
6	Handrails are clean, working correctly, secure under use, free from corrosion and damage.		
7	Arm guards are present and free from damage.		
8	Bridge plate is operating correctly and lands on the threshold plate inside the rear of the vehicle.		
9	Roll Off Ramp is operating correctly and lowers to the ground when lift is fully down. **Note:** Must be tested on flat and level ground.		
10	Check all base plate fixings to ensure witness mark unbroken.		
11	**If fitted**: Arm mounted warning lights are operating correctly.		
12	**Vertical Split Platform Only**: Check platform alignment pin between platforms is locating correctly.		
13	With lift stowed, check the lift is clear of the closed rear doors.		
14	Check powerpack oil reservoir level when the lift is fully stowed. If level is low top up slowly with PLS Blue hydraulic oil. Do not fill higher than 25mm below the MAX level indicated on the oil reservoir.		
15	Check any non-slip tape fitted to the platform is free from wear or damage.		

6-Monthly Inspections

The following checks should be completed in addition to the Monthly Inspection items.

6-monthly inspections should only be conducted by competently trained individuals.

Lift No.:		Vehicle Registration:	
Date:		Inspection Completed By:	
Operating Company:			
Address:			
Item	**Required Check**		**Passed Y/N**
1	Lift is free from signs of any leaks or damage.		
2	Operation instructions are visible.		
3	Manual pump handle is present.		
4	Handset control is working correctly with no signs of damage to hand-set or wiring.		
5	Platform is clean and replace missing/damaged grip tape. See cleaning section of the lift manual for more details.		
6	Handrails are clean, working correctly, secure under use, free from corrosion and damage.		
7	Arm guards are present and free from damage.		
8	Bridge plate is operating correctly and lands on the threshold plate inside the rear of the vehicle.		
9	Roll Off Ramp is operating correctly and lowers to the ground when lift is fully down. **Note:** Must be tested on flat and level ground.		
10	Check all base plate fixings to ensure witness mark unbroken.		
11	**If fitted**: Arm mounted warning lights are operating correctly.		
12	**Vertical Split Platform Only**: Check platform alignment pin between platforms is locating correctly.		
13	With lift stowed, check the lift is clear of the closed rear doors.		
14	Check powerpack oil reservoir level when the lift is fully stowed. If level is low top up slowly with PLS Blue hydraulic oil. Do not fill higher than 25mm below the MAX level indicated on the oil reservoir.		
15	Check any non-slip tape fitted to the platform is free from wear or damage.		
16	Check handrail rollers are present and secured.		

CE / UKCA DECLARATION OF CONFORMITY

We: PASSENGER LIFT SOLUTIONS LTD
UNIT 2, SUMMIT CRESCENT INDUSTRIAL ESTATE, SMETHWICK, WEST MIDLANDS, B66 1BT

Declare that the following equipment:

Description: PASSENGER LIFT

Is in conformity with Community Legislation as Marketing Directive 89/392/EEC and CEN/TC 98/WG For Tail Lifts - Platform Lifts for Mounting on Surface Vehicles – Safety Requirements. Part 2 – Tail Lifts for Passengers. Machinery Directive 2006/42/EC

EN 61000-6-1:2007, EN 61000-6-3:2007 +A1:2011, EN 61000-6-4:2007 +A1:2011, EN 61000-6-2:2005, EN 1789:2007 +A2:2014, EN 1756-2:2004 +A1:2009

Following the provisions of the Council Directive 89/336/EEC, the Low Voltage Directive 73/23/EEC – Low Voltage Equipment and the Automotive EMC Directive e11 72/245/EEC 95/54 EEC.

Directives 2004/108 & 2004/104EC.

Directive 2001/85/CE from the European Parliament (section VII).

Name: A. BECK

Position: Managing Director, Passenger Lift Solutions Ltd

Date: December 2023