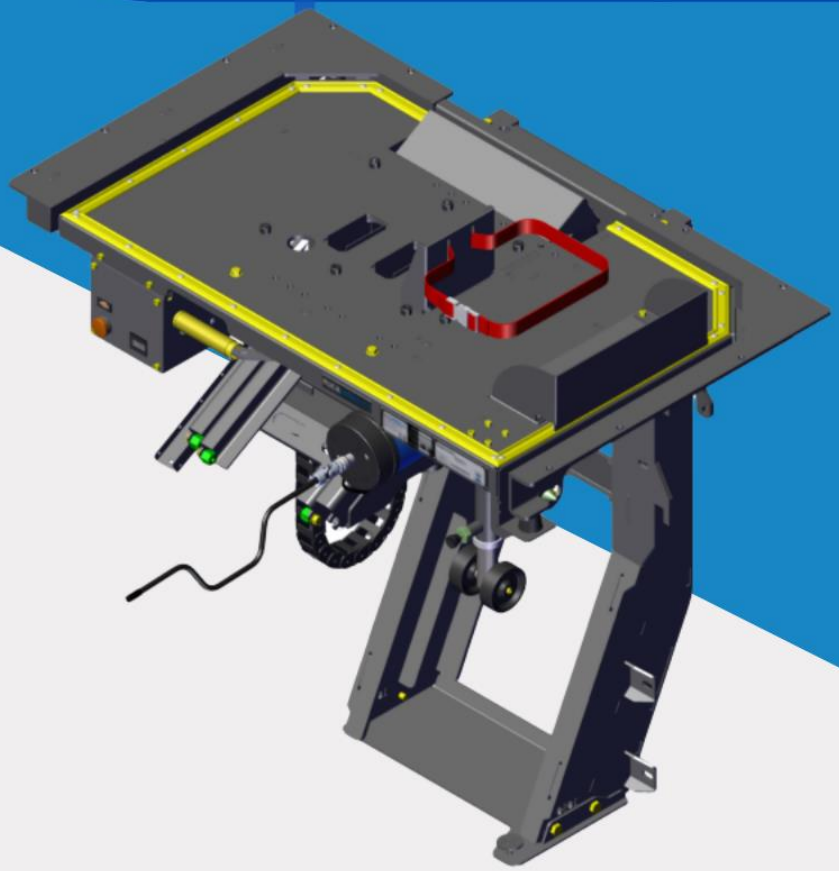
Operation and Installation Manual - Mobile Chair Device - DPM E-HF G2



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FOCA MOBILITY
MOBILIDADE INTELIGENTE

Content

1 – Introduction

The E-HF G2 Mobile Seat Device (DPM) produced by FOCA Mobility is an equipment installed in the vehicle for border crossing for boarding and disembarking people with disabilities, or with reduced mobility that allows the movement of one or more seats in the passenger lounge, from the outside of the vehicle, to the level of the external floor.

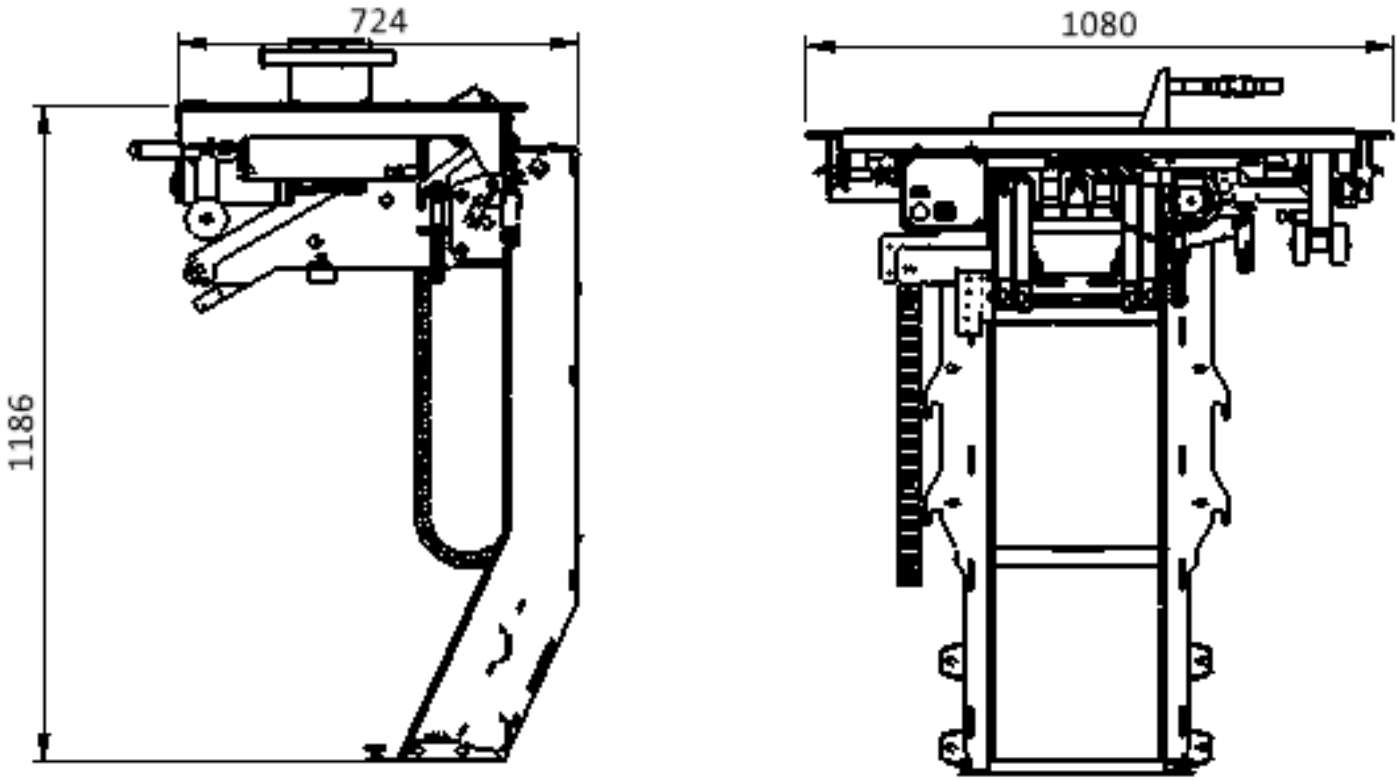
This equipment is developed based on current standards and legislation, which determine the criteria of safety, resistance, comfort and accessibility in vehicles of this nature. This equipment has compulsory certification and object registration with Inmetro.

NOTE: The images and information in this manual may be changed at any time without notice.

1.1 – Technical characteristics

System:	Automatic;
Drive:	Electric
Operation:	Remote control with pulsating command;
Up/Down Movement:	Driven by electric motor;
Working Temperature:	-10°C to 60°C;
Voltage:	24 Vdc or (optional 12 Vdc);
Maximum Current without Load:	15A (24Vdc) and 25A (12Vdc);
Maximum Current w/ Load:	35A (24Vdc) and 65A (12Vdc);
Coating:	Painting ecoat;
Maximum load capacity:	130 Kg;
Ascent and descent speed:	Maximum of 0.15 m/s
Dimensions (approximately):	*900 in 1650* x 1100 x 830 mm (A x C x W) *Height according to the body
Approximate weight:	150kg *According to the height of the equipment

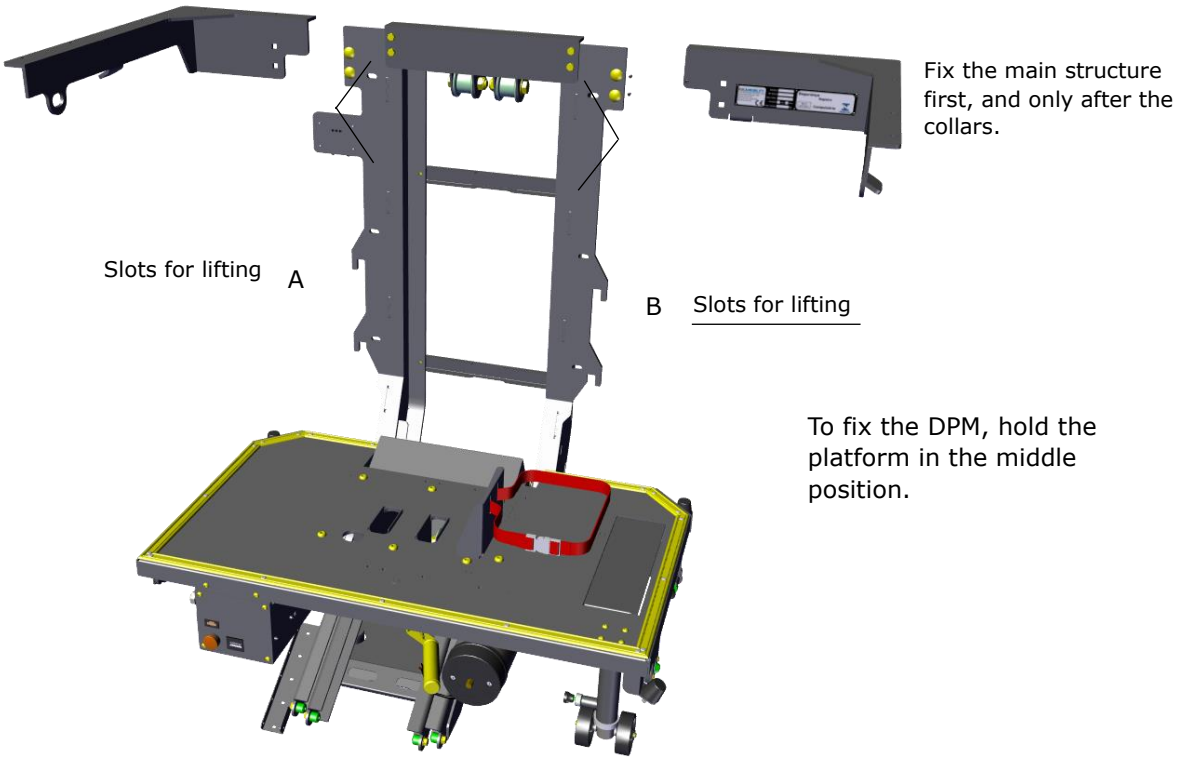
1.2 – Main dimensions

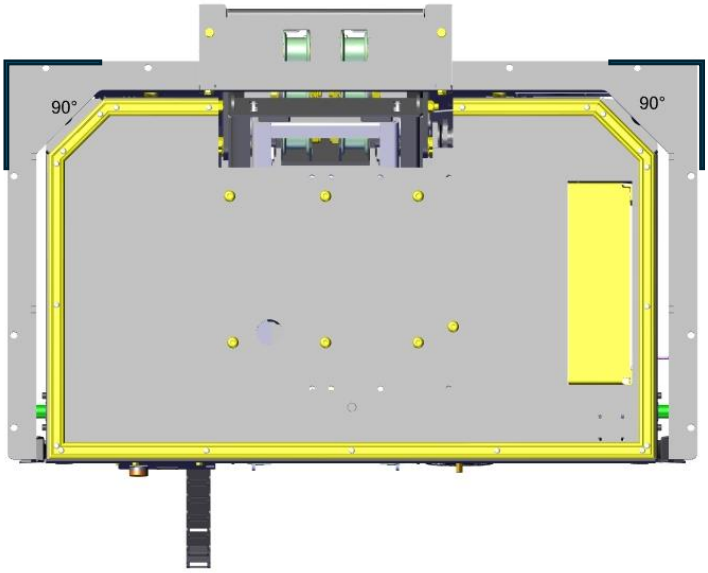


2 – Installation

2.1 – Preparation for installation

It is recommended to position the DPM-E HF close to the installation point, and then hoist the equipment through the points called "A" and "B" to position it on the vehicle structure. Fastening is carried out by means of screws on the front columns and on the upper structure.

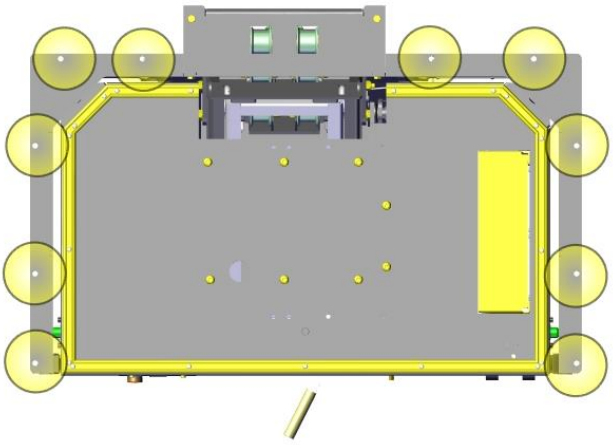


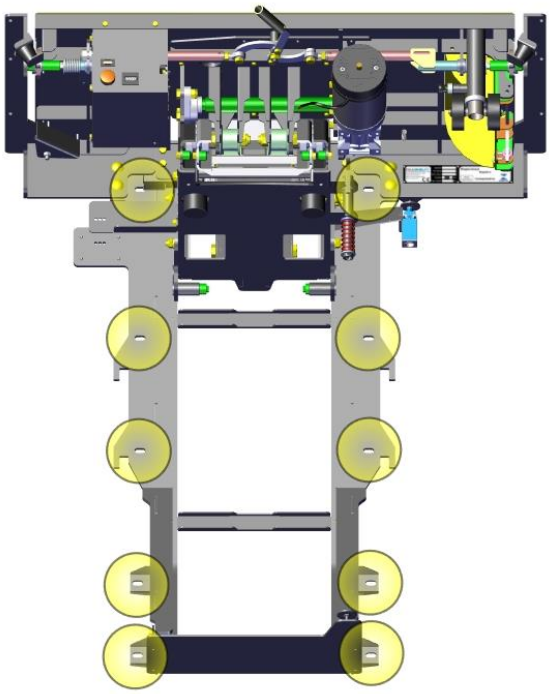


Ensure that the lift is aligned with the 90° of the structure during installation.

2.2 – Equipment Fixing

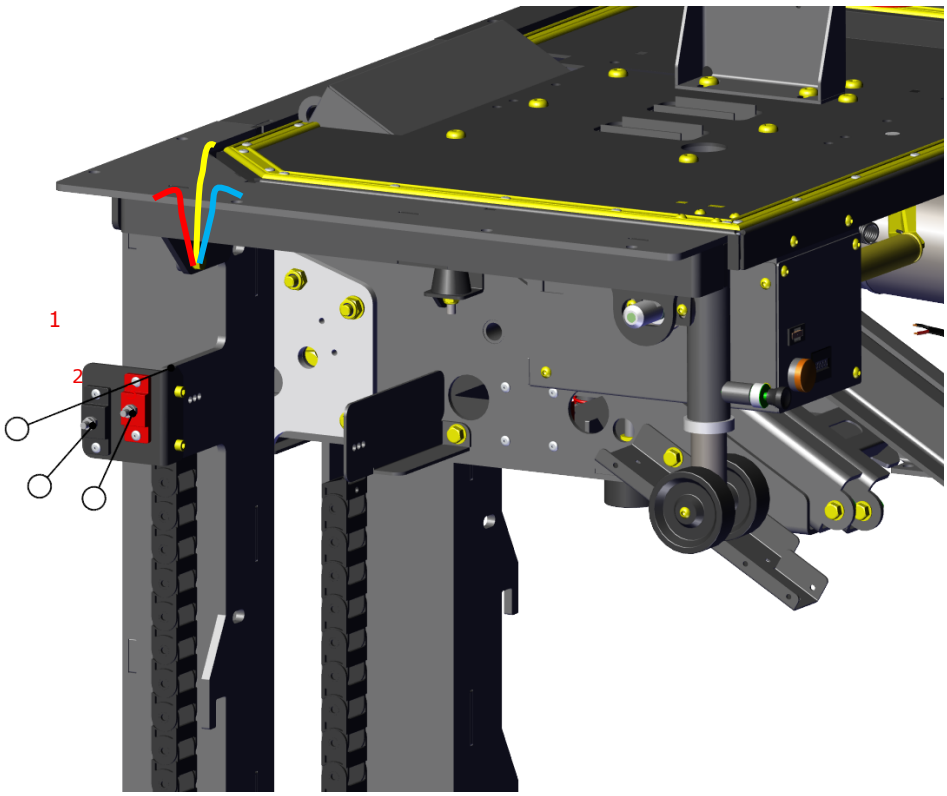
The DPM must necessarily be fixed to the metal structure of the vehicle at the points shown in the image below, with the number of screws on the front part varying according to the height of the equipment. ***It is recommended to use screws with resistance class 10.9. The minimum recommended tightening torque for these screws is 60 Nm.***





2.3 – Electrical connection

1	**Yellow handle**	Interface that enables DPM to work.
	Blue Cape	It sends a signal (positive or negative, according to the bodybuilder's specification) indicating that the DPM is in operation. It can be used to control door locks and visual and audible vehicle alerts.
2	**Black handle**	Negative DPM power (-battery). The diameter of the cable should be sized according to the current and length.
3	**Red cable**	Positive DPM power supply (+ battery). The diameter of the cable should be sized according to the current and length.



NOTE: The electrical connection shown refers to the FOCA standard. It is possible that there are differences according to the electrical design of each vehicle. If you have any questions or for further clarification, please contact FOCA's technical assistance.

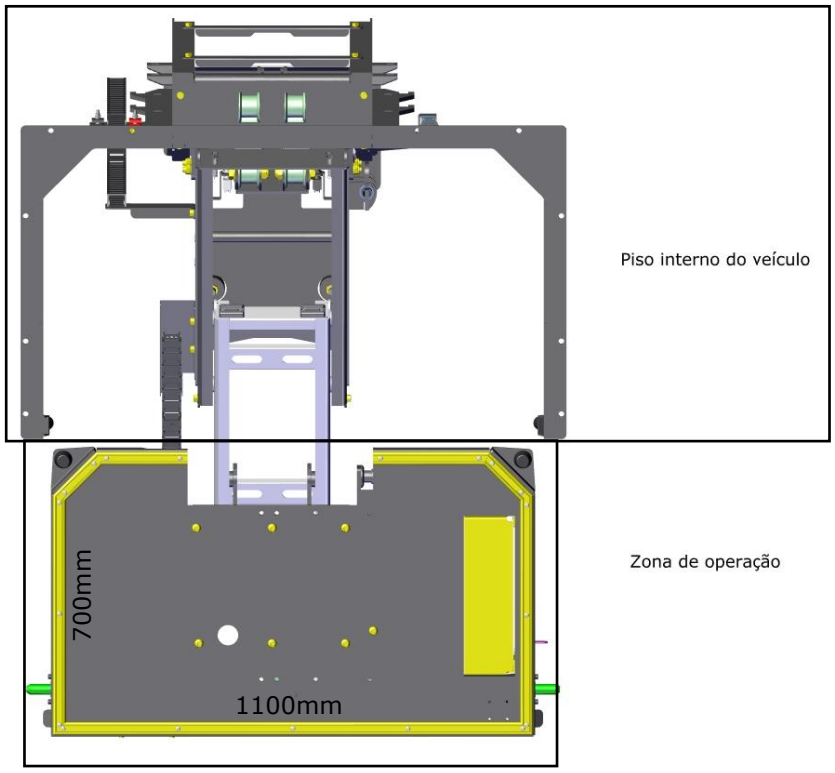
3 – Operation

It is recommended that the operator carefully read the following instructions, which clearly describe all the steps for the safe operation of the equipment.

Before putting the equipment into operation, it is important to know:

1 The vehicle must have the auxiliary brake on;
2 The vehicle must have the engine running;
3 The DPM access door must be open;
4 The operator must be positioned so that he has a full view of the operation, ensuring assistance and safety of the user;
5 Make sure that there are no people or any obstacles in the operation area, as shown in the following image:

The equipment was developed for the border crossing of people with reduced mobility. It should not be used for the movement of cargo or objects of any nature.



3.1 – User Position

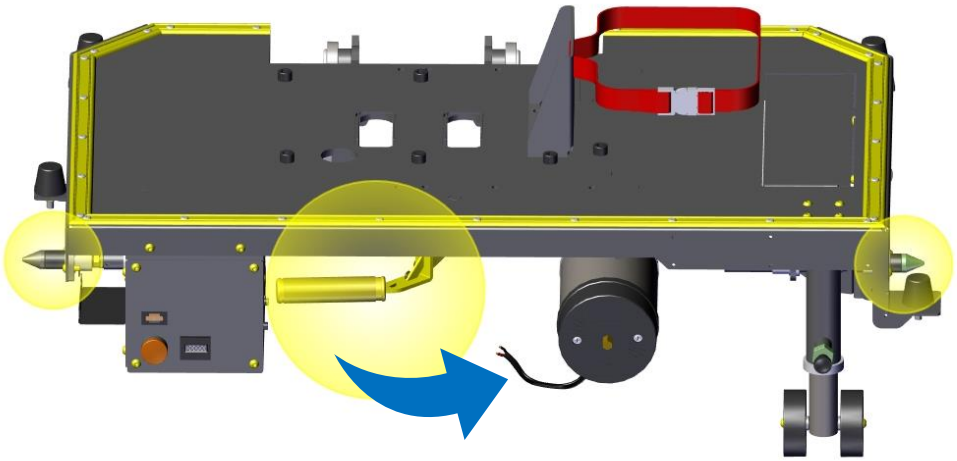
The user must position himself in the seat with the lower limbs resting on the mobile platform, with the **seat belt of the seat belt and the belt over the ankles buckled**.

3.2 Mechanical crossing system

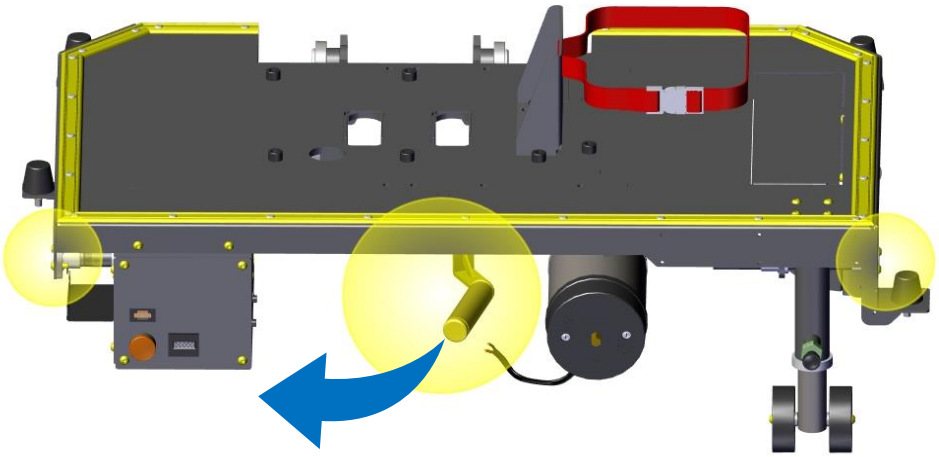
The DPM has a lock that keeps it fixed to the mobile base in the transport position. To get DPM up and running, the lock needs to be set to the "unlocked" position.

To do this, you must manually pull the lock in the indicated direction and to close it you must pull in the opposite direction, as indicated below. (The sticker that will be attached to the wall of the vehicle contains the locking instructions, as detailed in item 4.2.)

Opens



Closes



When the cycle ends and the platform is in the transport position, it must be checked that the lock is properly closed, the release signal is only sent to the vehicle when the lock is in the closed position, so that it can only move under these conditions.

3.3 Operating Procedure

Once the above conditions are assured and with the DPM in the transport position, the operation must occur as follows:

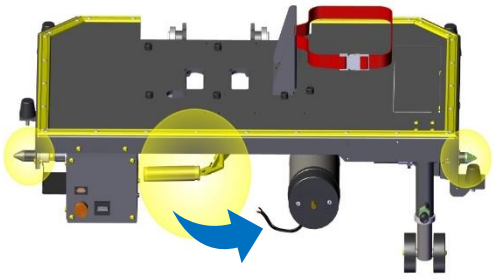
1 - The operator must position himself on the outside of the vehicle, where he has a full view of the operation.

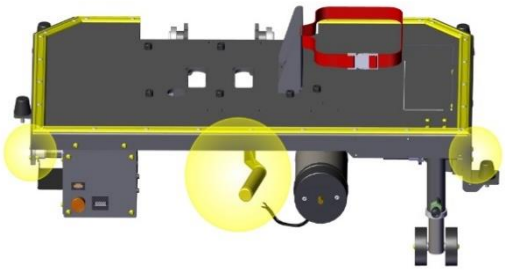
2 - Remove the command control from the receptacle. The command control is connected to the DPM via a spiral cable that can be extended up to two meters.

3 - Turn the control key to the **ON** or **ON position.** At this point, an LED lights up indicating that the DPM is on and that all control functions are enabled

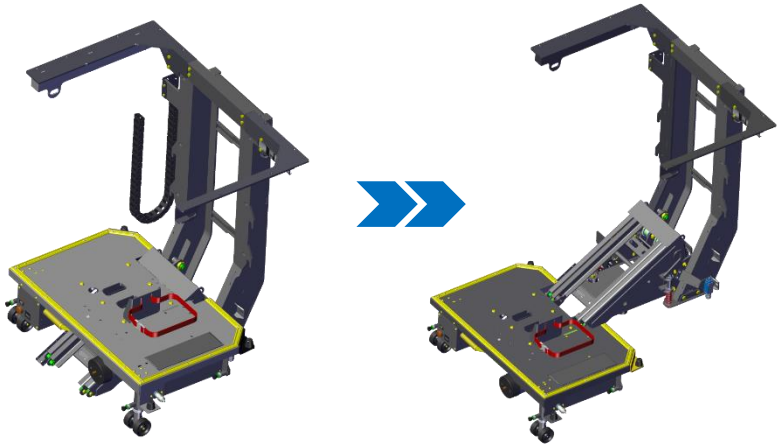
4 - Press the red button on the control control. This serves to ensure the correct unlocking position of the lock

5 - Unlocking the mobile base as instructed



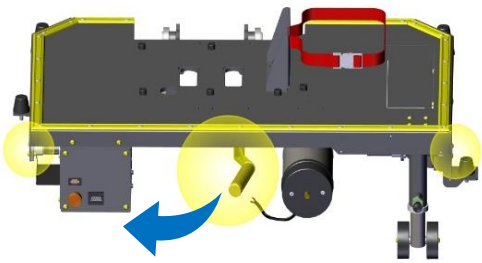


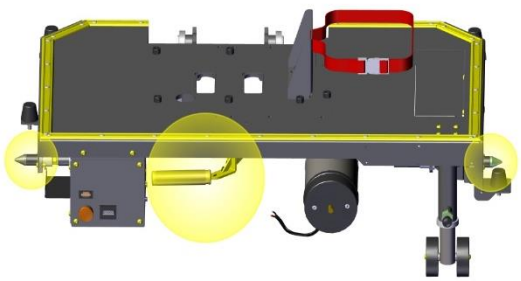
6 - Press the green button on the control control. At this point, the mobile base will start the downward movement and will then be projected to the outside of the vehicle



7 - Press the red button on the control control. This returns the mobile base to the transport position inside the vehicle

8 - Return the latch to the closed position



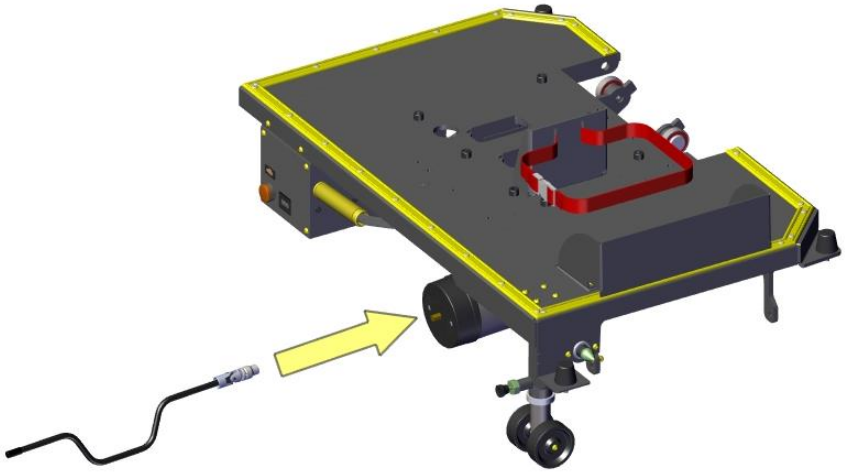


9 – Turn the control key back to the **OFF** or **OFF position.** At this point the LED will turn off. This indicates that DPM is turned off and the control has all functions disabled

The control commands are pulsed, that is, the DPM only performs the movements while the control buttons are held down. When you release the buttons, DPM ceases movement.

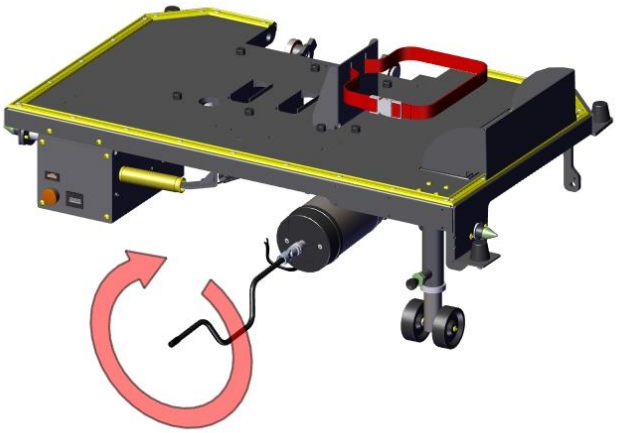
3.4 Operation procedure in case of failure/Operating procedure in case of failure

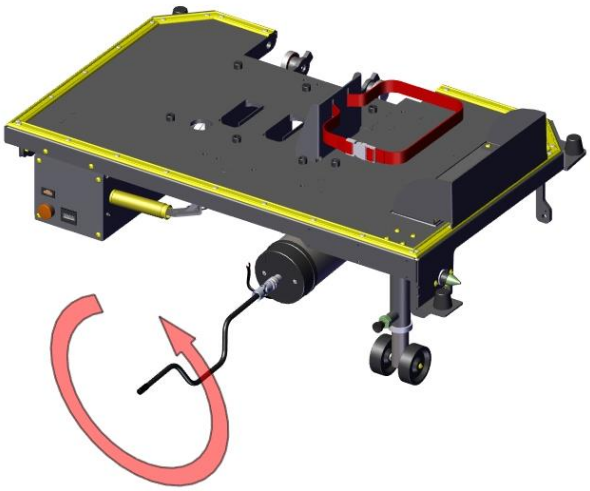
In the event of a failure or breakdown in the vehicle's electrical system that causes a lack of current to enable the control commands, it will not be possible to move the mobile base of the DPM via command control. However, it is possible to make the up and down movements manually, coupling the crank to the electric motor shaft.



By turning the crank clockwise the DPM will perform the opening movement and turning it counterclockwise it will perform the closing movement to the transport position

Opening Closing





***The crank is fixed to the wall of the vehicle.**

4 – Maintenance

4.1 - Precautions before maintenance/Precaution before maintenance

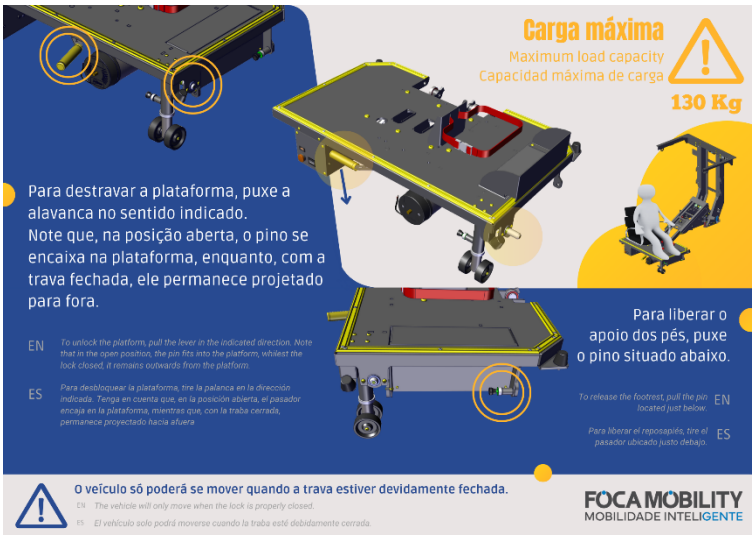
Before any maintenance activity, it must be ensured that the vehicle is completely stopped without posing a risk to the maintenance operator. The position that allows access to most of the internal components is in the boarding position (movable base in the lower position).

4.2 - Verification of adhesives and safety devices

The DPM has informative adhesive labels attached to strategic points of the equipment that have the function of guiding and ensuring safe operation. The metal plate containing the product identification is also attached to the DPM.

The following is the list of labels and the location of both on the equipment.

Code	Description	Quantity
017648	IDENTIF PLATE. INMETRO - ELEVATORS	1



***Located inside the vehicle.**

Code	Description	Quantity
019966	DPM HF G2 INSTRUCTION STICKER	1

4.3 – Preventive maintenance

It is recommended to create a periodic preventive maintenance plan that should be carried out according to the frequency and number of operating cycles carried out by the DPM.

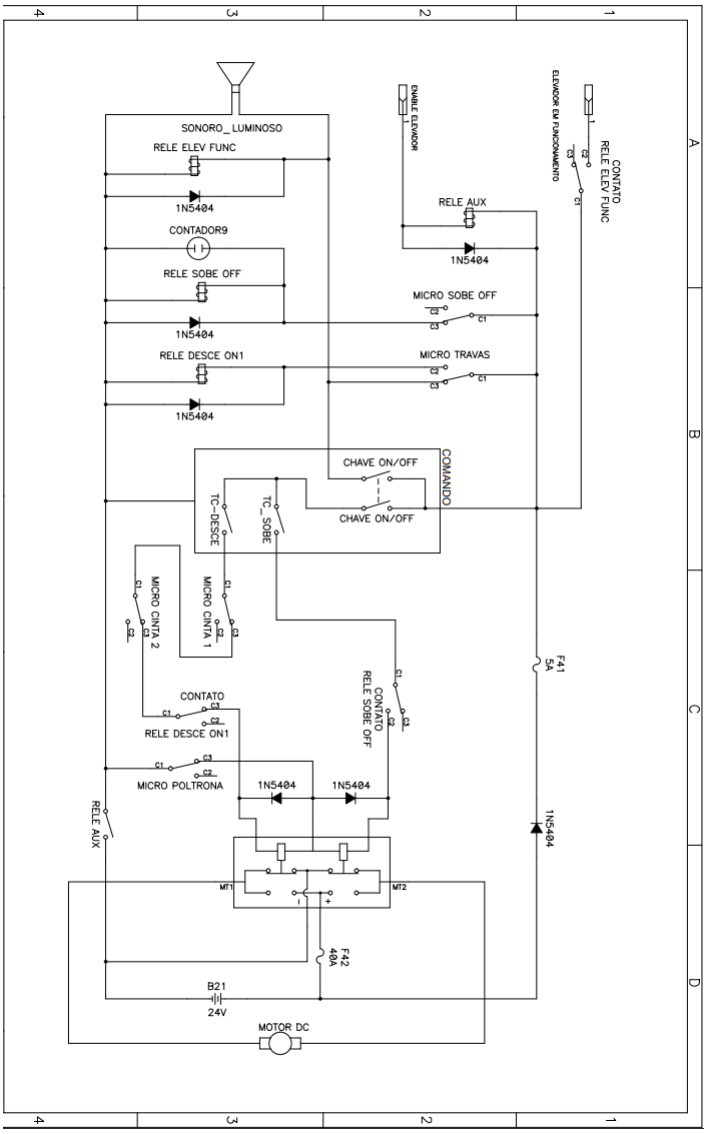
Annex 2 of this manual determines the minimum checks to be carried out on the equipment. The number of cycles performed are indicated on the cycle counter display in the DPM.

4.4 – Fault diagnosis and solutions

Problem	Check	Solution
DPM does not operate	Check if the vehicle is on, if the auxiliary brake is activated and if the dedicated door is open; Check if the control switch is activated; Check that the pushbuttons on the panel and next to the door are activated; Check if power is arriving at the command control; Checking that the fuses are not damaged Check if the engine is running; Check for a break in the belt. Check the position of the seat.	Observe that the power cords are correctly connected; Check the operation of the dedicated door sensor; Replace the command control; Check fuse and wiring; Test the motor by performing manual operation; Replace the straps. Start the seat in the zero position (leave it in the normal position, without any inclination).
DPM does not complete the cycle of ascent or descent	Check the operation of the micro switches; Check the position of the micro switches; Check for objects that are obstructing the movement.	Replace or adjust the micro switches; Remove any object that is preventing movement.
DPM mobile base does not lock in the transport position	Observe the presence and adjustment of the manual locks of the mobile base;	Replace or adjust the lock assembly;
Siren and flashlight dead	General condition of the siren and flashlight; General condition of wiring harness connectors and cables;	Replace components; Repair cables or replace wiring harness;

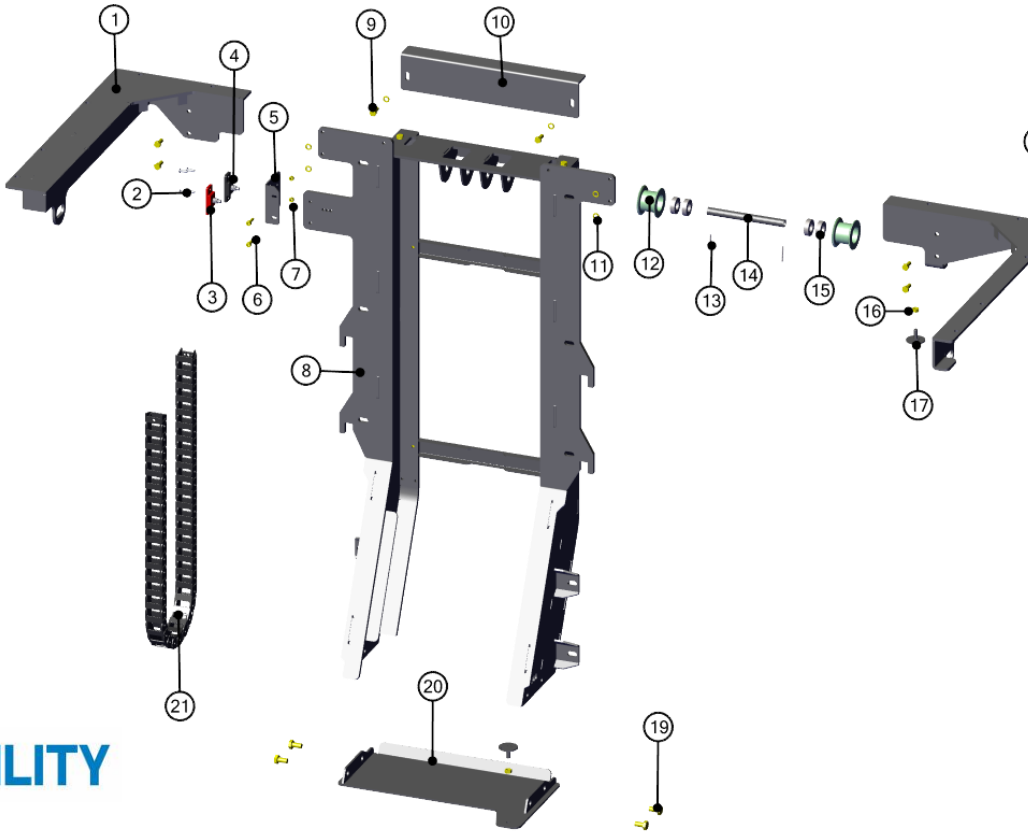
5 – Electrical circuit

5.1 – Enable with negative signal



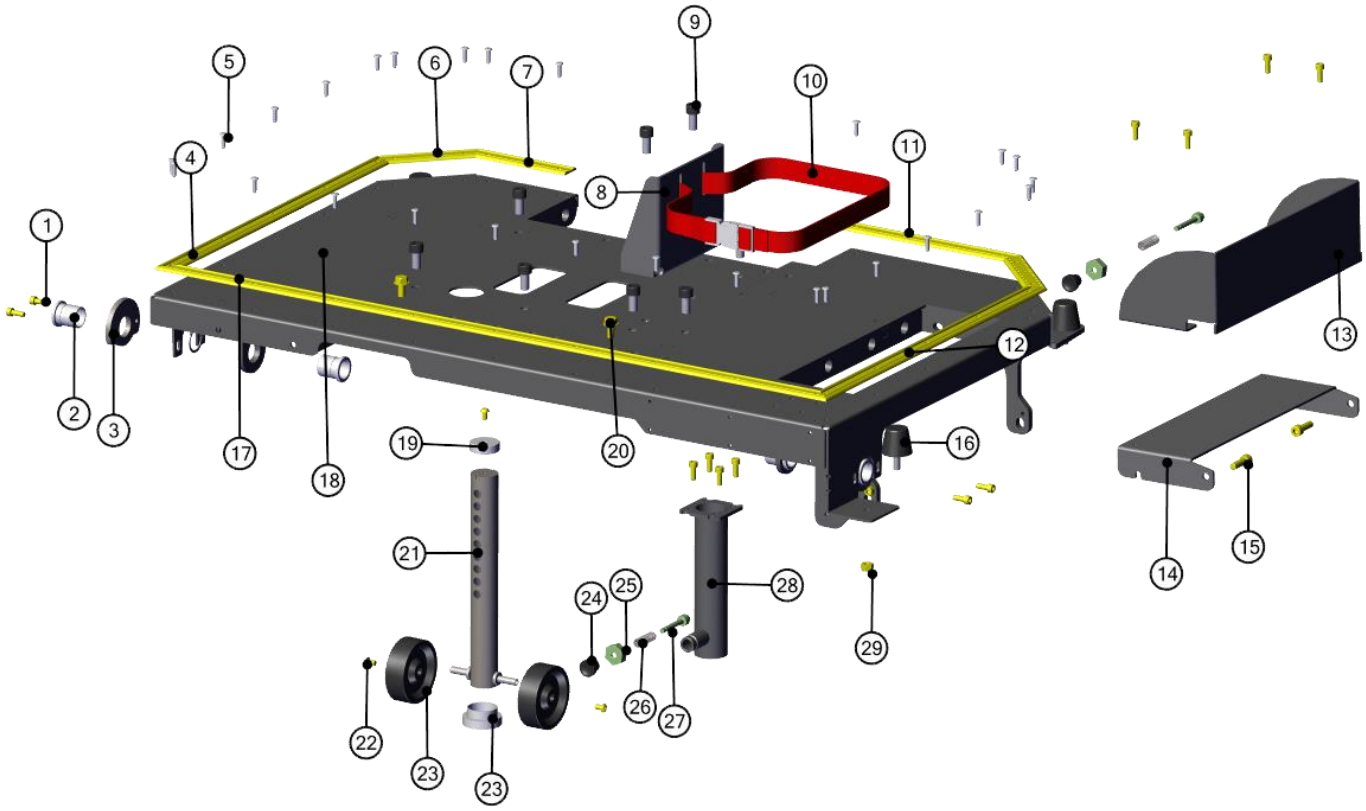
6 – Spare parts

Structure



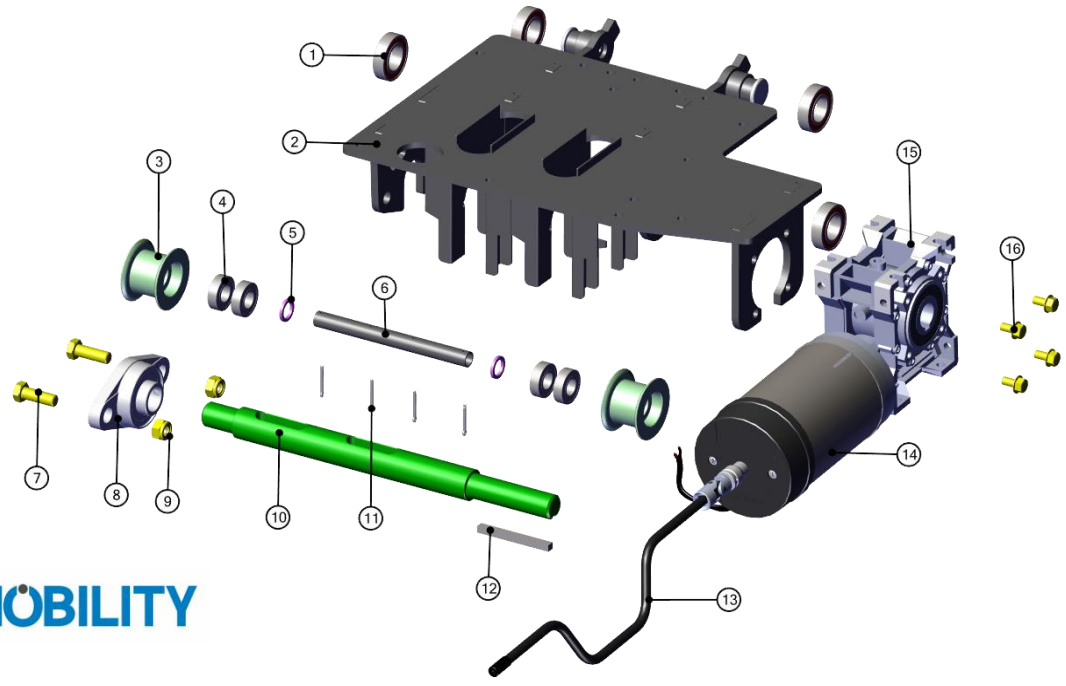
ITEM	DESCRIPTION	CODE	QTY
1	E CONJ SOLD COLARINHO ESQ HF SL G2 - ECOAT	119482	1
2	POP RIVET Ø4.8 X 16.5mm ALUMINUM BODY AND MANDREL	000240	4
3	FLAPLESS BRANCH TERMINAL [KAE] - RED	015141	1
4	FLAPLESS BYPASS TERMINAL [KAE] - BLACK	015140	1
5	TERMINAL HOLDER	120462	1
6	SIGNATURE. SEXT. INT. CAB. CIL. DIN 912 M6X20 ZA	016449	2
7	AUTOTRAV NUT. DIN 985 M6 ZA	000258	1
8	E SET SOLD COLUMN 1200 LE - E COAT	119469	1
9	PARAF. SEXT. ROSCA TOTAL DIN 933 M8X20 ZA	005524	10
10	CENTRAL LOCKING STRUCTURE HF G2	120546	1
11	DIN 127 M8 ZA PRESSURE WASHER	000592	14
12	ROLDANA RIBBON e-NSL OBJECTED	019841	2
13	DIN 94 COUNTER PIN - 3.2x25	001980	2
14	DPM HF G2 PULLEY HOSE	120634	1
15	SINGLE BALL BEARING 6003 2Z	004390	4
16	PORTION SEXT DIN 934 M8 - ZA	001418	2
17	AND SET SOLD LOCK STOP - ECOAT	119488	2
18	E SET SOLD COLLAR DIR HF SL G2 - ECOAT	119474	1
19	PARAF. SEXT. ROSCA TOTAL DIN 933 M10x20 - ZA	017513	4
20	E SET SOLD BASE INF OF THE SL HF G2 STRUCTURE - ECOAT	119351	1
21	CJ MONT ESTEIRA SUPERIOR DPM HF G2	119552	1

Platform



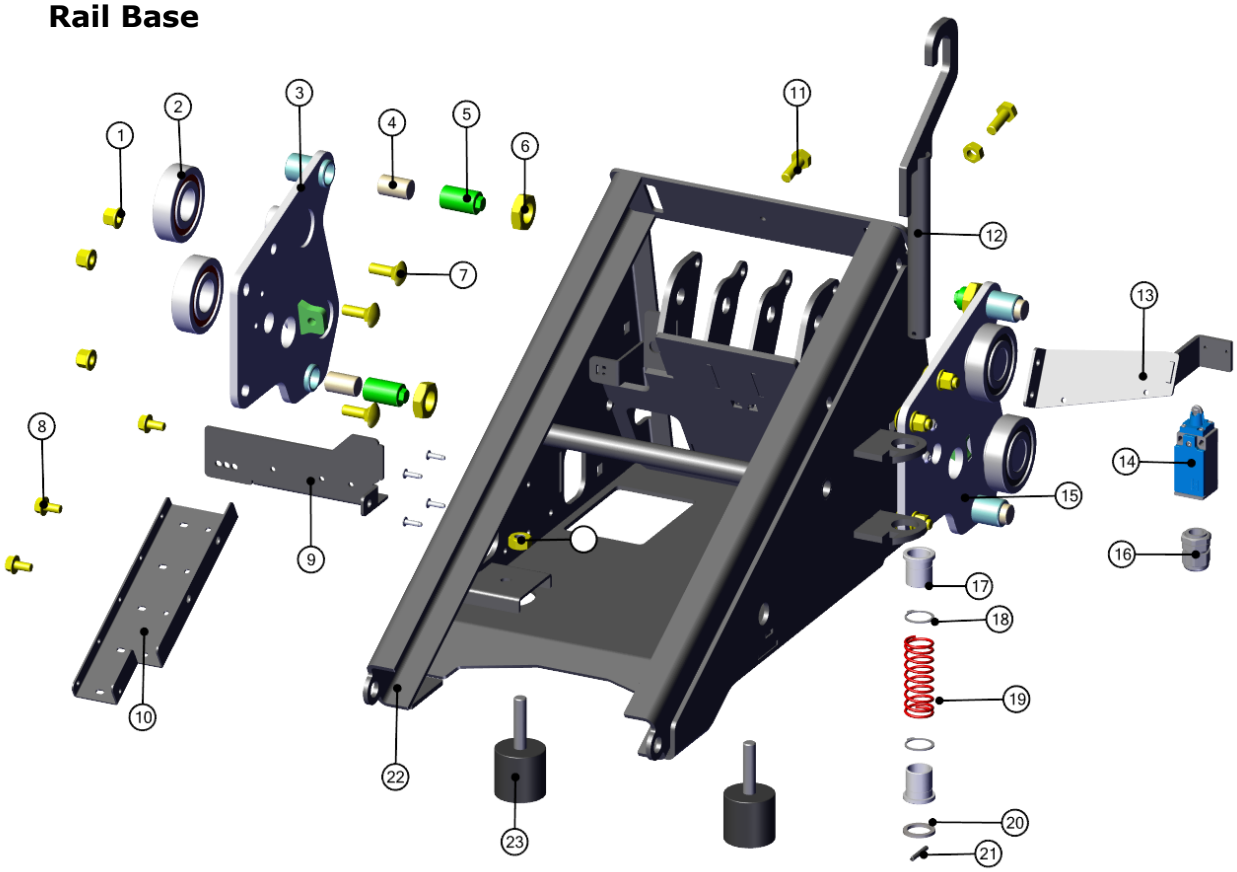
ITEM	DESCRIPTION	CODE	QTY
1	SIGNATURE. SEXT. INT. CAB. CIL. DIN 912 M6x16 ZA	015437	12
2	LOCK GUIDE BUSHING	019911	4
3	AND TRAMBULATOR'S GUIDE - ECOAT	119588	2
4	HF G2 III PLASTIC PROFILE FINISH	019920	1
5	POP RIVET Ø4.8 X 16.5mm ALUMINUM BODY AND MANDREL	000240	27
6	HF G2 II PLASTIC PROFILE FINISH	019919	2
7	HF G2 I PLASTIC PROFILE FINISH	019909	1
8	STRAP SUPPORT	120306	1
9	PARAGRAPH. SEXT. INT. CAB. CIL. DIN 912 M10X20 SURGE	000281	9
10	CJ. FOOTREST STRAP	112780	1
11	HF G2 VI PLASTIC PROFILE FINISH	019931	1
12	HF G2 V PLASTIC PROFILE FINISH	019921	1
13	AND UPPER FOOTREST - ECOAT	119594	1
14	LOWER FOOTREST	119500	1
15	SIGNATURE. SEXT. INT. CAB. CIL. DIN 912 M8x25 ZA	000277	3
16	CLEUMA RUBBER STOP - REF. E095	019346	4
17	HF G2 IV PLASTIC PROFILE FINISH	019930	1
18	E CONJ SOLD MOBILE PLATFORM HF SL G2 - ECOAT	119546	1
19	FLUTE SUP GUIDE	019906	1
ITEM	**DESCRIPTION**	**CODE**	**QTY**
20	PARAF. SEXT. FLANGEADO DIN 6921 M8x16 ZA	000915	2
21	AND SET SOLD LANDING GEAR FLUTE - ECOAT	119574	1
22	PARAF. SEXT. INT. CAB. AB. ISO 7380 - M6X10 - ZA	000288	3
23	RODIZIO FOCA INJETADO	019242	2
24	MANIPULO MA-E4 [BAKELITSUL - REF.: 04258]	016673	2
25	SPRING LOCK NUT	019917	2
26	SPRING LOCK SEC. STEP	008460	2
27	PINO TRAVA RODADO DPM HF G2	019907	2
28	E SET WELDED OUTER TUBE LANDING GEAR	119569	1
29	AUTOTRAV NUT. DIN 985 M8 ZA	000259	4
30	INF GUIDE TO THE FLUTE	019916	1

Central car



ITEM	DESCRIPTION	CODE	QTY
1	SINGLE BALL BEARING 6005 2Z	001486	4
2	E SET SOLD CAR CENTRAL HF G2	119544	1
3	ROLDANA RIBBON e-NSL OBJECTED	019841	2
4	SINGLE BALL BEARING 6003 2Z	004390	4
5	AND LOWER PULLEY SPACER	119519	2
6	DPM HF G2 PULLEY HOSE	120634	1
7	PARAF. SEXT. ROSCA TOTAL DIN 933 M12X35 ZA	018327	2
ITEM	**DESCRIPTION**	**CODE**	**QTY**
8	MANCAL C/FLANGE OVAL - UCFL-205 - Ø25mm	018745	1
9	AUTOTRAV NUT. DIN 982 M12 ZA	000261	2
10	DPM E-HF G2 BELT DRIVE AXLE	019913	1
11	DIN 94 COUNTER PIN - 3.2x25	001980	4
12	CHAVETA DIN 6885 - 8MM X 7MM X 80MM	111326	1
13	CJ MONT ARTICULATED CRANK SEAL DPM-E	113546	1
14	MOTOR ELETRICO D.C. 24V [IMOTECH - 10.02.044.24] - 500 W	018675	1
15	REDUCER GSA_51_C71_B14_WF1V0H0_1:100	018744	1
16	PARAF. SEXT. FLANGEADO DIN 6921 M8x16 ZA	000915	4
17	SIDE ARRASTE GUIDE	019900	2

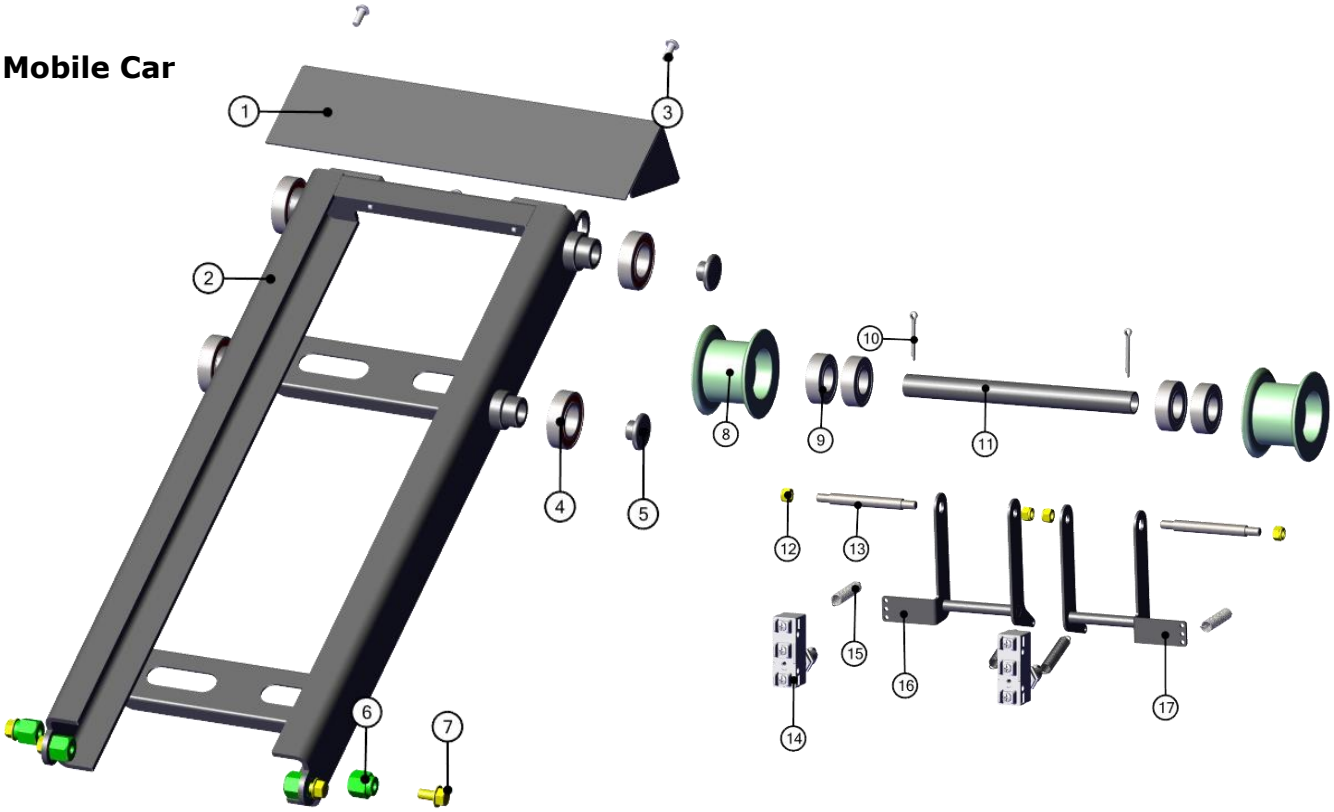
Rail Base



ITEM	DESCRIPTION	CODE	QTY
1	PORCA AUTOTRAV. FLANGEADA DIN 6926 M10 ZA	018361	3
2	SINGLE BALL BEARING 6306	018119	4
3	E SET SOLD SUPPORT LEFT BASE RAILS DPM HF G2 - ECOAT	119507	1
4	LEVELING BUCKET	019923	4
5	CAP LEVELING GUIDE	019937	4
6	PORCA SEXT DIN 936 M22x2,5 ZA	019926	4
7	PARAF. FRENCH DIN 603 M10X30 ZA	018364	6
8	PARAF. SEXT. FLANGEADO DIN 6921 M8x16 ZA	000915	6
9	AND INF TREADMILL HOLDER - ECOAT	119518	1

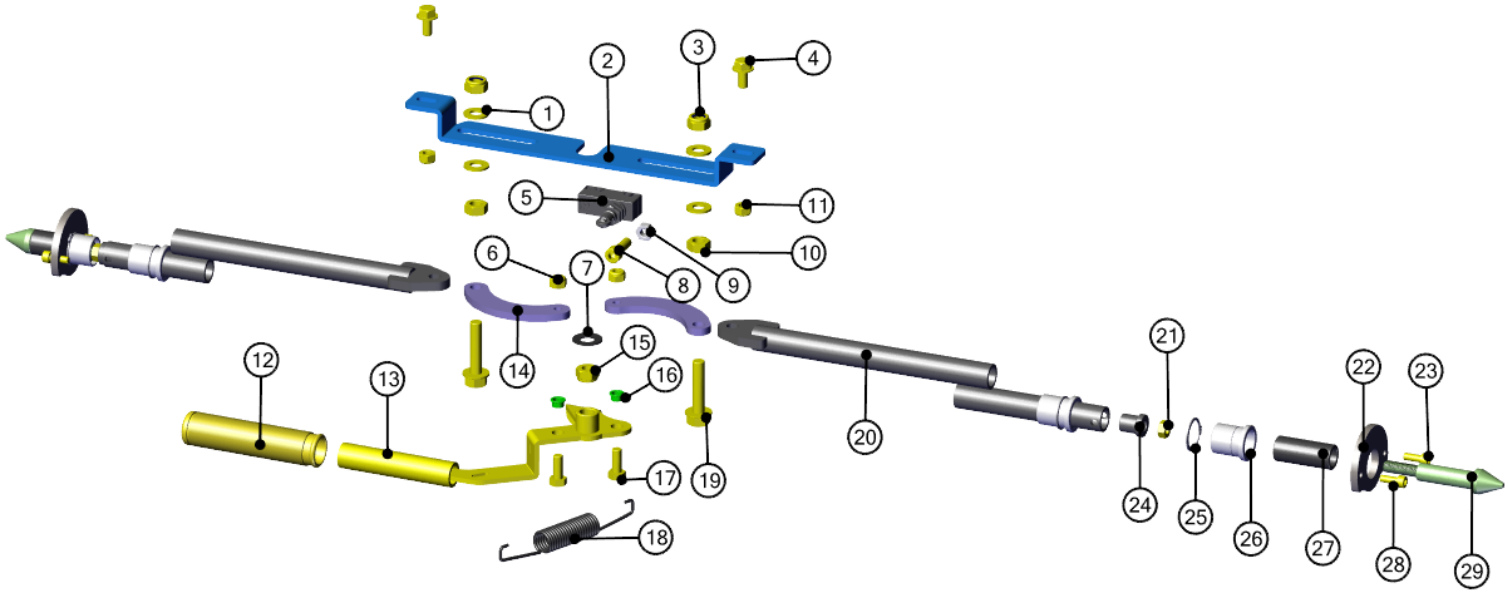
10	MAT CHANNEL INF	119515	1
11	PARAF. SEXTUS. TOTAL THREAD DIN 933 M10X30 ZA CLASS 5.8	000988	2
12	AND SET SOLD SIDE LOCK	119571	1
13	CONJ SOLD MICRO WEG SUPPORT	119593	1
14	WEG PISTON MET 1NA+1NF LSW-PF19P11 END SWITCH	019935	1
15	E SET SOLD SUPPORT DIR BASE RAILS DPM HF G2 - ECOAT	119503	1
16	PG13.5 CABLE GLAND W/ SEALING RING	019939	1
17	LOCK GUIDE BUSHING	019911	2
18	ELASTIC RING FOR SHAFTS DIN 471 - Ø25	018326	2
19	MOLA TRAVA SUP DPM E-HF	019051	1
20	SPRING POSITION WASHER	119570	1
21	ELASTIC PINE DIN 1481 4.5 X 30MM	008107	1
22	E SET SOLD BASE RAIL DPM HF SL G2 - ECOAT	119499	1
23	BATENTE BORRACHA M12X48 DPM PA	018076	2
24	A PORTION OF SEXT. DIN 934 M12 ZA	002388	2

Mobile Car



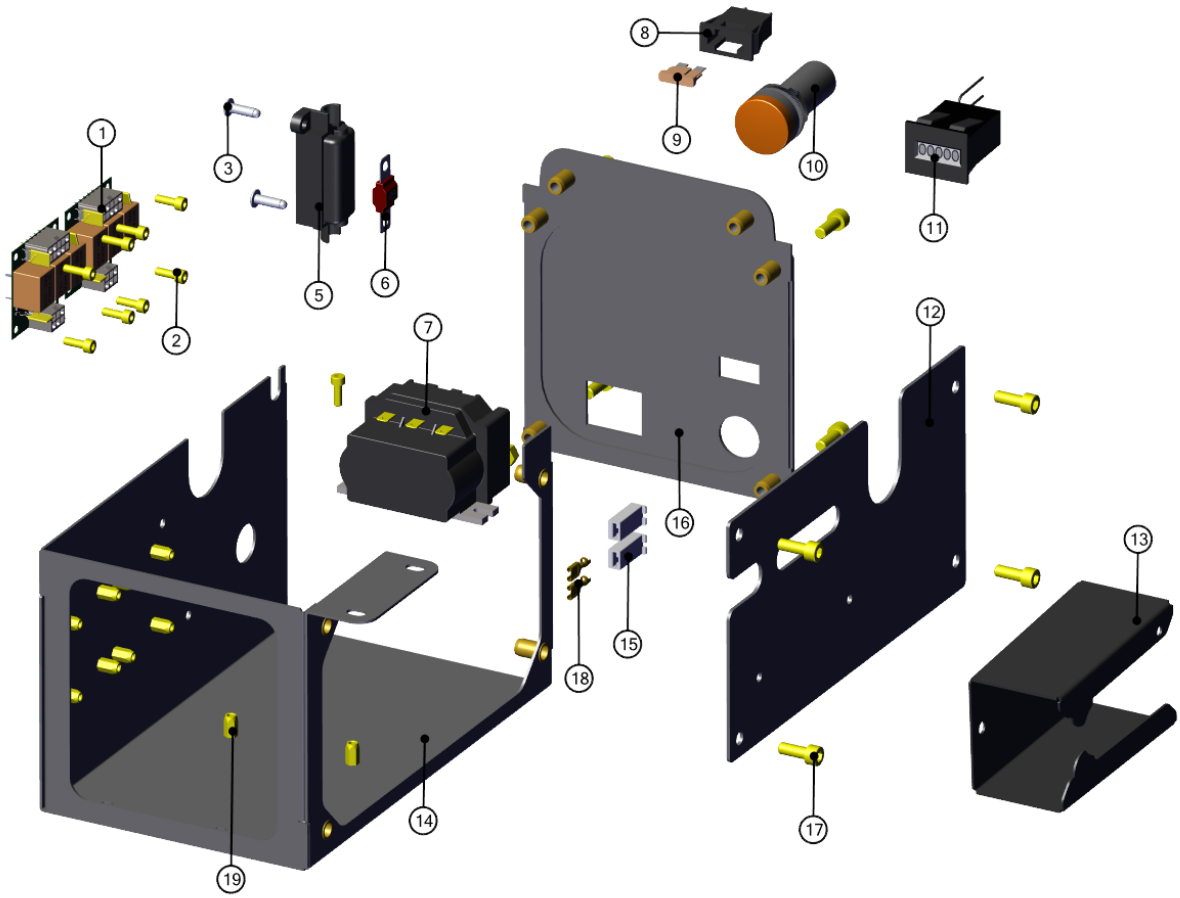
ITEM	DESCRIPTION	CODE	QTY
1	TOP CLOSURE	119596	1
2	E SET MONT CAR DPM HF G2	119535	1
3	FLAT HEAD SCREW M6X15 TRILOBULAR T30 ORGANOMETALLIC	017801	2
4	SINGLE BALL BEARING 6005 2Z	001486	4
5	SIDE ARRASTE GUIDE	019900	4
6	CAR BUMPER E-HF G2	019922	4
7	PARAF. SEXT. FLANGEADO DIN 6921 M8x16 ZA	000915	4
8	ROLDANA RIBBON e-NSL OBJECTED	019841	2
9	SINGLE BALL BEARING 6003 2Z	004390	4
10	DIN 94 COUNTER PIN - 3.2x25	001980	2
11	DPM HF G2 PULLEY HOSE	120634	1
12	AUTOTRAV NUT. DIN 985 M6 ZA	000258	4
13	GUIDE PIN STRAP SENSOR	019902	2
14	ROLLER LIMIT SWITCH - REF KAP M3S1	018767	2
15	BIDIRECTIONAL ANTI-RETURN CYCLE SPRING CA 4BR	001532	3
16	CS LIMIT SWITCH ARM LE DPM E-HF	119522	1
17	E CJ WELDING LIMIT SWITCH DIR - ECOAT	119528	1

Lock



ITEM	DESCRIPTION	CODE	QTY
1	SMOOTH ROUL DIN 125-1 M10 ZA	000231	4
2	TRAMBULATOR'S GUIDE	120631	1
3	AUTOTRAV NUT. DIN 985 M10 ZA	000262	2
4	PARAF. SEXT. FLANGEADO DIN 6921 M8x16 ZA	000915	2
5	ROLLER LIMIT SWITCH - REF KAP M3S1	018767	1
6	AUTOTRAV NUT. DIN 985 M8 ZA	000259	4
7	ARRUELA ACO ATC MOLA PRATO DIN 2C93 12,2X25X1,5	019606	1
8	SIGNATURE. SEXT. INT. CAB. CIL. DIN 912 M8x25 ZA	000277	1
9	PORTION SEXT DIN 934 M8 - ZA	001418	2
10	A PORTION OF SEXT. DIN 934 M10 ZA	000625	1
11	PARAF. SXT. FLG RT 10.9 DIN 6921 M10x45 - ZA	017503	2
12	DPM LOCK KNOB	017858	1
13	CONJ SOLD ALAVANCA TRAMBULADOR	119430	1
14	AND SHIFTER ROD	119540	2
15	SPACER BUSHING LOCK BASE SWIVEL ARMCHAIR - DPM II	018624	2
16	PARAF. SEXT. ROSCA TOTAL DIN 933 M8X20 ZA	005524	2
17	MOLA DEGRAU H-NSL	019670	1
18	AND CONJ MONT TRAMBULADOR	119578	2
19	ELASTIC RING FOR SHAFTS DIN 471 - Ø25	018326	2
20	LOCK GUIDE BUSHING	019911	4
21	AND TRAMBULATOR'S GUIDE - ECOAT	119588	2
22	SIGNATURE. SEXT. INT. CAB. CIL. DIN 912 M6x16 ZA	015437	4
23	PINO TRAVA DPM HF G2	019974	2

Electrical box



ITEM	DESCRIPTION	CODE	QTY
1	24V RELAY CONTROL PANEL H-NSL SA	018819	2
2	SIGNATURE. SEXT. INT. CAB. CIL. DIN 912 - M4X12 - ZA	004128	8
3	POP RIVET Ø4.8 X 16.5mm ALUMINUM BODY AND MANDREL	000240	2
4	AND SIDE ELECTRICAL BOX DPM HF G2	119455	1
5	MIDIVAL MTA FUSE HOLDER	015133	1
6	MIDIVAL MTA FUSE 32V - 60A	018845	1
7	STATIC CONVERTER 24V - 4800W - DC.220/240VAC ADC200-I-24V	017925	1
8	FUSE HOLDER REF.:[TOPOROFF 03.00330 MTA]	000410	1
9	FUSE BLADE 40 A	018513	1
10	AUDIBLE AND LIGHT SIGNAL 24V REF.:BZ20-7L-Y	003103	1
11	ELECTROMECHANICAL COUNTER 24VDC [REF.: PRO-SERV E760]	004125	1
12	HF G2 ELECTRICAL BOX COVER	119456	1
13	UNIVERSAL SL CONTROL STAND	105229	1
14	FEMALE TERMINAL SERIES 6.3 W/ LOCK - 1.0-2.5mm²	003991	2
15	FEMALE CONNECTOR 1V 6.3MM W/ REINFORCED FLAP	003990	2
16	ELECTRICAL BOX CLOSURE	120244	1
17	SIGNATURE. SEXT. INT. CAB. CIL. DIN 912 M6x16 ZA	015437	10
18	REBITE DE REPUXE SEXTAVADO C/ EXTRA FINA M4- ZB	008027	16
-	POWER ELEVATOR STEP HARNESS SA HID. 12V HARNESS STEP POWER ELEVATOR SA HID. 24V	016790 104949	1

7 – Warranty

FOCA, through its specialized technical team, guarantees its customers support services. The support is given for the replacement of components, as well as the labor necessary for repairs of any defects that occurred under normal conditions of use and duly verified as being manufactured.

The warranty of the equipment is determined by component and the period comprised follows the parameters as follows:

Metal structure	01-year warranty against cracks and deformations;
Gearbox motor assembly	01-year warranty against failures;
Siren, flashlight, micro keys, command control	01-year warranty against failures;
Buchas, pinos and cintas	01-year warranty against failures; NOTE: In general, these components suffer natural wear and need replacement to ensure the safe operation of the equipment;

NOTE: The warranty period is counted from the date of issuance of the product's sales invoice (including the 90 days provided for by law).

The warranty **will NOT** be granted if:

Installation	- Installation of the product in disagreement with the recommendations provided for in this manual;
Misuse	- Equipment improperly used, being in disagreement with the guidelines of the product manual.
Accident	- In the event of an accident with the vehicle or other equipment present in it that may damage the DPM or any of its components.
Changes	- Modifications made to the equipment that alter the original factory characteristics or that are not compatible with the equipment specification; - Removal or alteration of the serial number of the equipment's nameplate; - DO NOT use original FOCA parts or components.

The warranty agreement is the way that FOCA uses to register and grant the technical warranty of its entire DPM line. The Warranty Agreement must be completed by the customer and sent back to FOCA, as per **Annex 1** of this manual.

8 - After-sales and technical assistance FOCA

FOCA has in its manufacturing unit the exclusive After-Sales sector for the service of its customers and replacement of original parts. It also has a technical team that can offer support by phone and an authorized technical assistance network. In this way, speed and efficiency in service and sending parts to any region is guaranteed.

Contact FOCA:

Factory:
Foca Mobilidade do Brasil Ltda
Rua Avelino Antunes, 385
Bairro Santa Catarina – 95032-060
Caxias do Sul – RS – Brasil
Phones: (54) 2108 8000 / (54) 2108 8002 / (54) 2108 8038

To access the list of our technical assistance, visit the website:

www.foca.com.br

Attachments

8.1 - Warranty Agreement

Customer Price:

In order for the warranty conditions to be valid, it is essential to correctly fill out this attachment and return it to FOCA MOBILITY LTDA.

Customer Name:	
Address:	
Contact Person:	
Telephone:	
Email:	
Vehicle (prefix):	
Body number:	
Model:	
Equipment Serial No.:	
Equipment purchase invoice:	
Equipment delivery date:	

On the delivery date described above, we received the equipment together with its operating manual, were trained and made aware of the warranty conditions.

_____

Name and Signature of the person in charge

This warranty agreement must be filled in with the customer's information and returned to FOCA Mobilidade do Brasil LTDA, at the address:

A/C After Sales
FOCA Mobility
Rua Avelino Antunes, 385
Bairro Santa Catarina – 95032-060
Caxias do Sul – RS – Brasil

8.2 - Preventive maintenance plan

Note: Perform with the DPM in the open position.

Every 500 cycles or 6 months	
Component	**Action required**
Footrest support	Check the integrity of the component and replace it if necessary.
Slides	Check the integrity of the component and replace it if necessary.
Command control	Override control in cases of downtime.
Mechanical locking of the mobile base	Adjust or replace the lock in the event of inoperativeness.
Screws and fasteners	Retighten or replace if necessary.
Axles, bushings and bearings	Check the integrity of the component and replace it if necessary.
Power Cords & Wiring Harness	Replace or repair in case of damage.
Micro Switches	Check that the equipment is opening and closing in the correct positions at the start and end of the stroke.
Mechanical fixation of the equipment	Retighten or replace screws if necessary.
Straps	Check the integrity of the component, which should not present situations such as: broken seams, cuts, abrasive wear, fraying or cracks and replace it if it shows any wear. **The belts must be replaced every 1,000 cycles and operation.**
Electric motor	Inspect and if there is a drop in performance, malfunctions or abnormalities in operation, replace the component.
Cycle Counter	Check the operation of the component in case of abnormality, replace it, pointing out the number of cycles that the meter has been replaced in a maintenance report.
Signal light	Check the operation of the component in case of abnormality, replace it.
Reducer	Check the integrity of the component and that there is no oil leakage, replacing it if necessary.

8.3– Revision Table

The Revision tables contain the modifications made by Foca Mobilty's engineering, aiming to improve the product.

PRODUCT	REVISION	DATE	CHANGED	ACCOUNTABLE
DPM E-HF G2	0	22/07/2025	Product created	Fernando Tregansin

@focamobility

FOCA MOBILITY

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