

Stem Sliding Door Activated Automatic Step User Guide

For part numbers

6413

6413-1

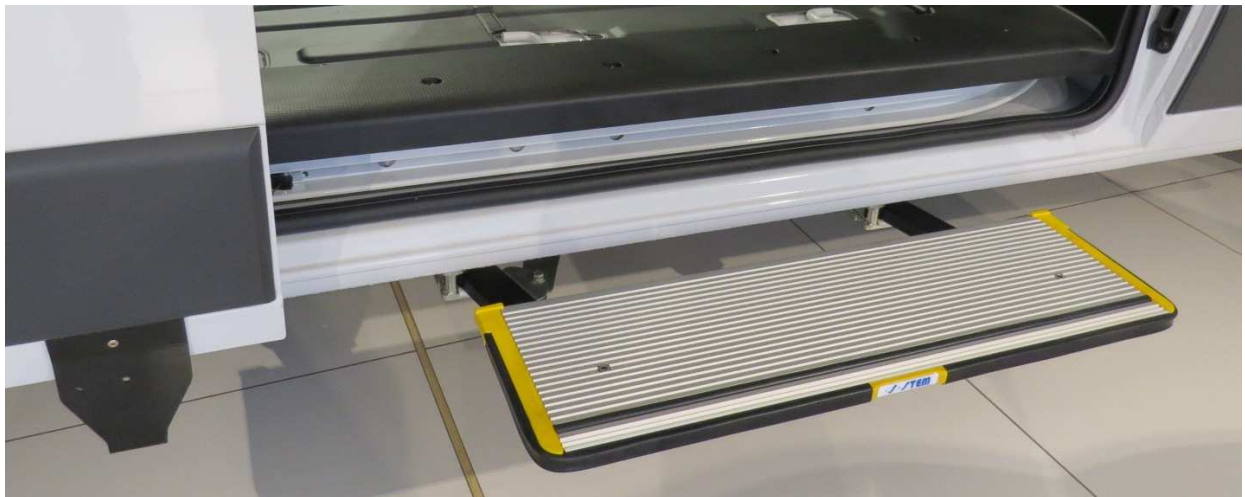
6413-2





SLIDING DOOR ACTIVATED AUTOMATIC STEP

GP-3



USER'S MANUAL

Congratulations for your choice!

STEM S.r.l.-unipersonale thanks you for choosing one of its products and reminds you that it is in the vanguard for emergency transportation technology.

Our company's tradition and reliability ensure the technical quality of your choice; in fact all of our products are manufactured with first quality materials and are based on criteria guaranteeing reliability, solidity, and functionality so as to satisfy the most demanding customer requirements.

Please do not hesitate to contact us for any questions, both of a technical and commercial nature; we are glad to be at your disposal for any clarification and detail.

E-mail: stem@stem.it


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1 GENERAL INFORMATION

1.1 WARNINGS



	<p><i>Upon receipt, the purchaser must make sure that the delivered material complies with that ordered by verifying the transport papers, shipped material.</i></p> <p><i>Furthermore, the purchaser will have to make sure that the material has not been damaged during transportation by checking the packaging integrity for breakage or deformation.</i></p> <p><i>Both the carrier and STEM have to be immediately informed of any possible anomaly. In the absence of a special agreement the goods travel at the purchaser's risk.</i></p>
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This technical document addresses all operators authorized to use the product: please carefully and completely read this manual prior to any operation.

STEM declines any responsibility in case of damage to people and/or objects deriving from the failure to follow all instructions contained in this manual.

STEM reserves the right to make useful technical and/or commercial modifications at any moment and without notice. Hence reported data and details may be modified and/or updated.

1.2 USED SYMBOLS

	<p>Important warnings to avoid damage to the users or to the device</p>
	<p>General information</p>

1.3 WARRANTY

Warranty terms and conditions are set in the following points unless differently agreed upon in the order confirmation.

WARRANTY OBJECT

The device has been conceived and manufactured for a multi annual use without trouble; however, should anomalies occur during the specified warranty period, STEM commits itself to replace, free of charge, parts that have broken or worn prematurely due to: defective materials, processing defect, or incorrect mounting. The warranty is not recognized for those parts whose premature wear and tear or breakage is due to:

- failure to follow the instructions contained in this use and maintenance manual;
- tampering with or modifying operations performed or required without special approval by STEM;
- use of non-original spare parts
- lack of or incorrect maintenance;
- use of unsuitable tools for routine and extraordinary maintenance;

As to mounted electric material and commercial material purchased from external vendors, STEM acknowledges the purchaser the same warranty STEM is granted by its vendors.

WARRANTY TERM

The warranty lasts **36 months from delivery date**; the term is exclusive and not subject to extensions following replacements or repairs performed during the warranty period.

APPLICATION

In order to define the causes of the anomalies and to apply the warranty terms, defective components have to be sent to STEM. Warranty repair or replacement interventions will be carried out, on STEM's decision, at its own factory, by a third party, or on-site. As to on-site interventions, the customer will be charged for the power supply cost, extraordinary equipment, ancillary staff, STEM staff travel and lodge and boarding expenses.

MATERIAL RETURN

Before shipping parts to be replaced or repaired under warranty written approval by the STEM's technical service is needed.

Defective parts have to be packed correctly to avoid damage during transportation and returned at the customer's expense accompanied by:

- serial number and model from the identification label (§ 2.1);
- code number and component position from the spare parts list;
- accurate description of the defect and of how it occurred.

Parts that are recognized under warranty are delivered carriage free; replaced parts remain the property of STEM.

EXCLUSIONS

The warranty does not include parts and material subject to ordinary wear and tear and those whose life cannot be set in advance.



The absence of the identification plate on the product implies the immediate expiry of any kind of warranty.

1.4 DECLARATION OF CONFORMITY

Strada Ghiaie, 12D
43014 MEDESANO (PR)
ITALY

DECLARATION OF CONFORMITY

OBJECT	Door activated automatic step
TYPE	GP-3
MODELS	GP-3110 GP-3110-SX GP-380 GP-380-SX GP-360-SX

This is to certify that the above device is manufactured in compliance with the “Essential Safety and Health Requirements Relative to the Design and Construction” contained in:

- DIRECTIVE 2006/42/CE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 May 2006 on the approximation of the laws of the Member States relating to machinery
- The technical file is kept at the offices of STEM and the person authorized to compile that file is:

Michele Corradi

Medesano,



The Legal Representative
Menna Ezio

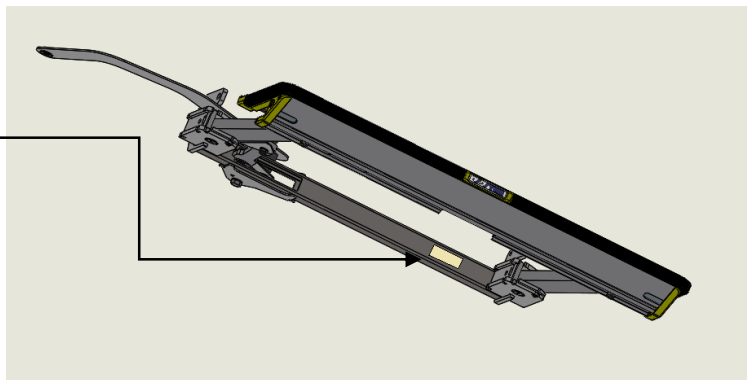


2 STEP FEATURES AND TECHNICAL DATA

2.1 IDENTIFICATION

The step is identified through an adhesive label placed on the traverse of the fixed frame.

 Strada Ghiaie, 12/D I-43014 MEDESANO (Parma) ITALIE	
TYPE	GP-3
MODEL	GP-3110
	
Serial N° 16 XXXXX	10.80 kg

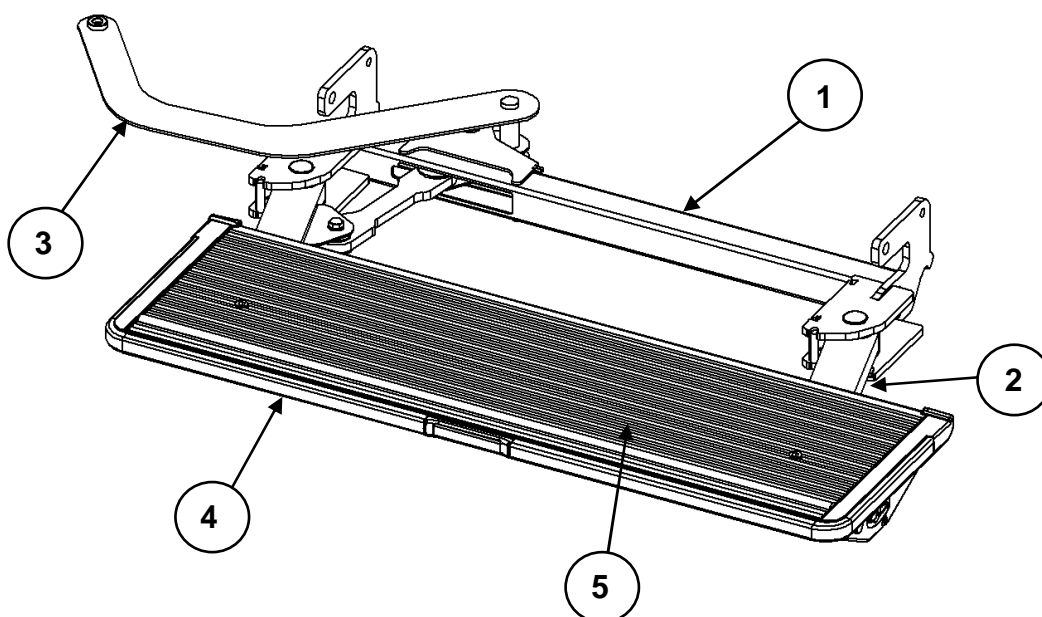


*Do not remove the label. In case of damage contact STEM and ask for a duplicate.
The step cannot be sold without label.*

2.2 DESCRIPTION

The automatic step “GP-3” is comprised of:


- A fixed structure connected to the vehicle’s chassis (1)
- A moving frame (2) activated by leverage(3)
- A retractable foot board (4) with an anti-slip top layer (5)



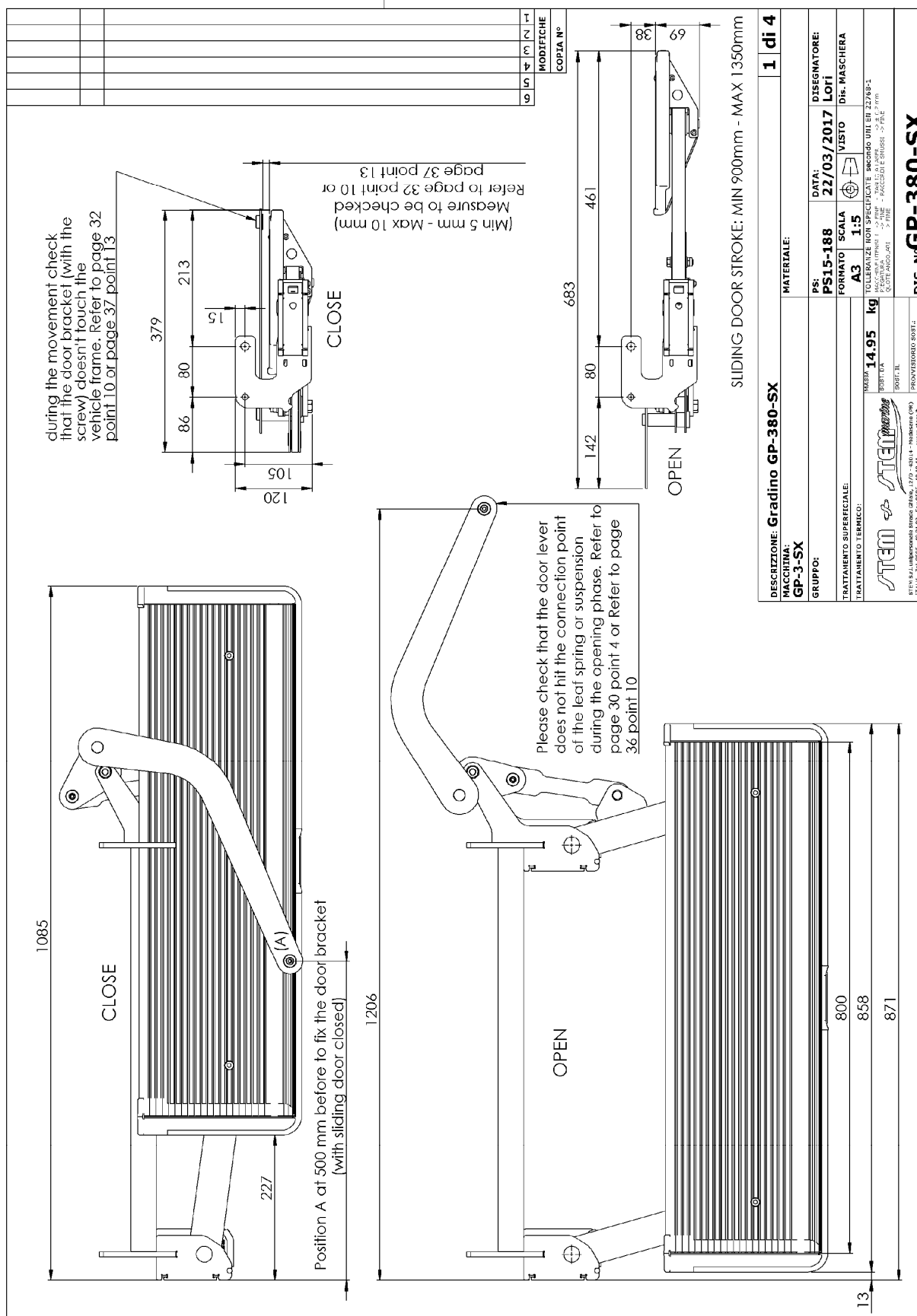


2.3 TECHNICAL AND MECHANICAL FEATURES

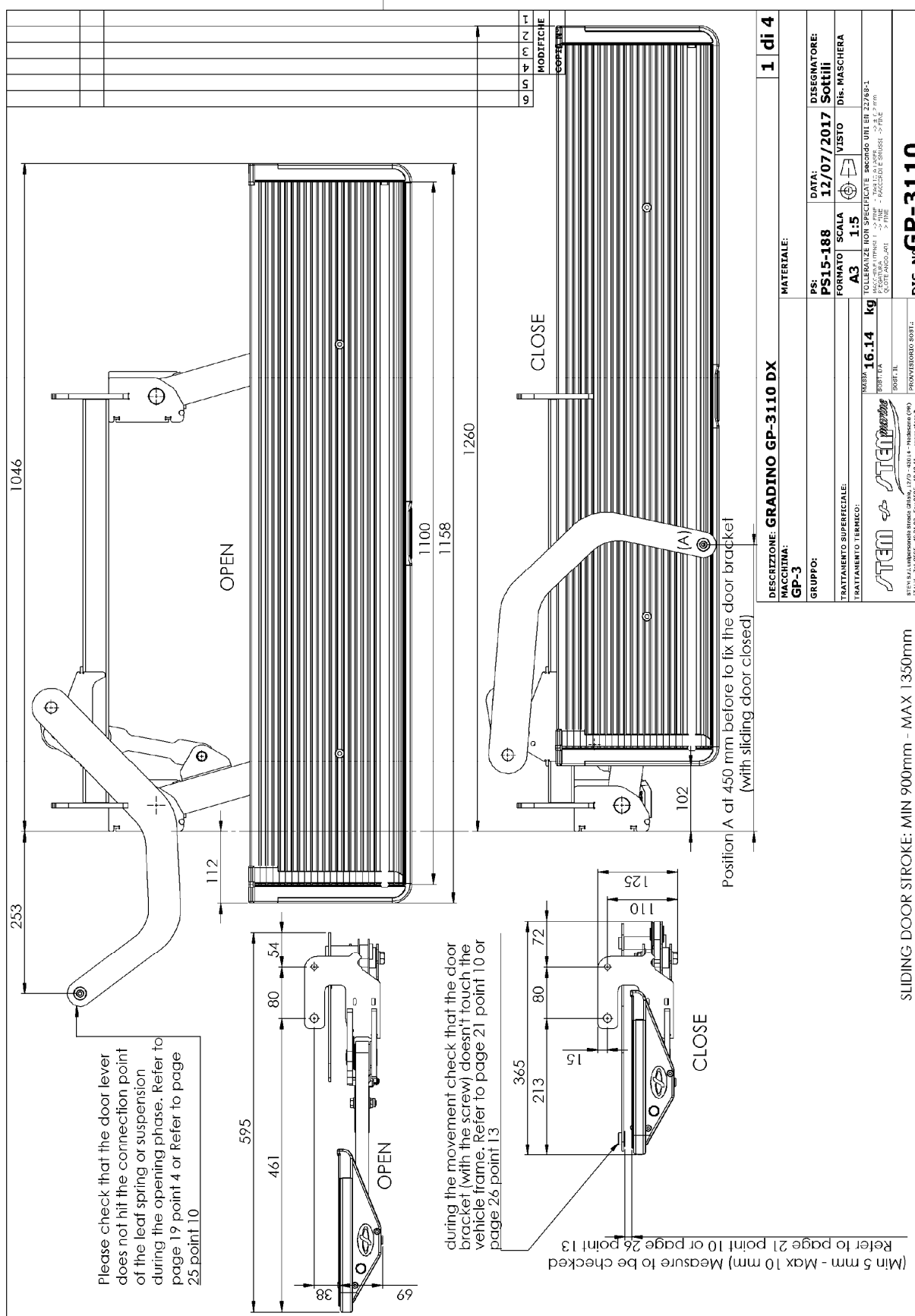
OVERALL DIMENSIONS GP-360-SX - RHD	
OVERALL DIMENSIONS GP-380 - LHD	
OVERALL DIMENSIONS GP-380-SX - RHD	
OVERALL DIMENSIONS GP-3110 - LHD	
OVERALL DIMENSIONS GP-3110-SX - RHD	
CYCLE TIME	~ 1 s
MAXIMUM CAPACITY	300 kg

DESCRIZIONE: GRADINO GP-380 DX		MATERIALE:		1 di 4	
MACCHINA: GP-3					
GRUPPO:		PS: PS15-188		DATE: 13/04/2017	
TRATTAMENTO SUPERFICIALE:		FORMATO SCALA		DESIGNATORE: Sottili	
TRATTAMENTO TERMICO:		A3		1:5	
TOLLERANZA NON SPECIFICATE: secondo UNI EN 22768-1				VISTO	
TOLLERANZA ATTESA 1: > 0.15		TOLLERANZA ATTESA 2: > 0.15		TOLLERANZA ATTESA 3: > 0.15	
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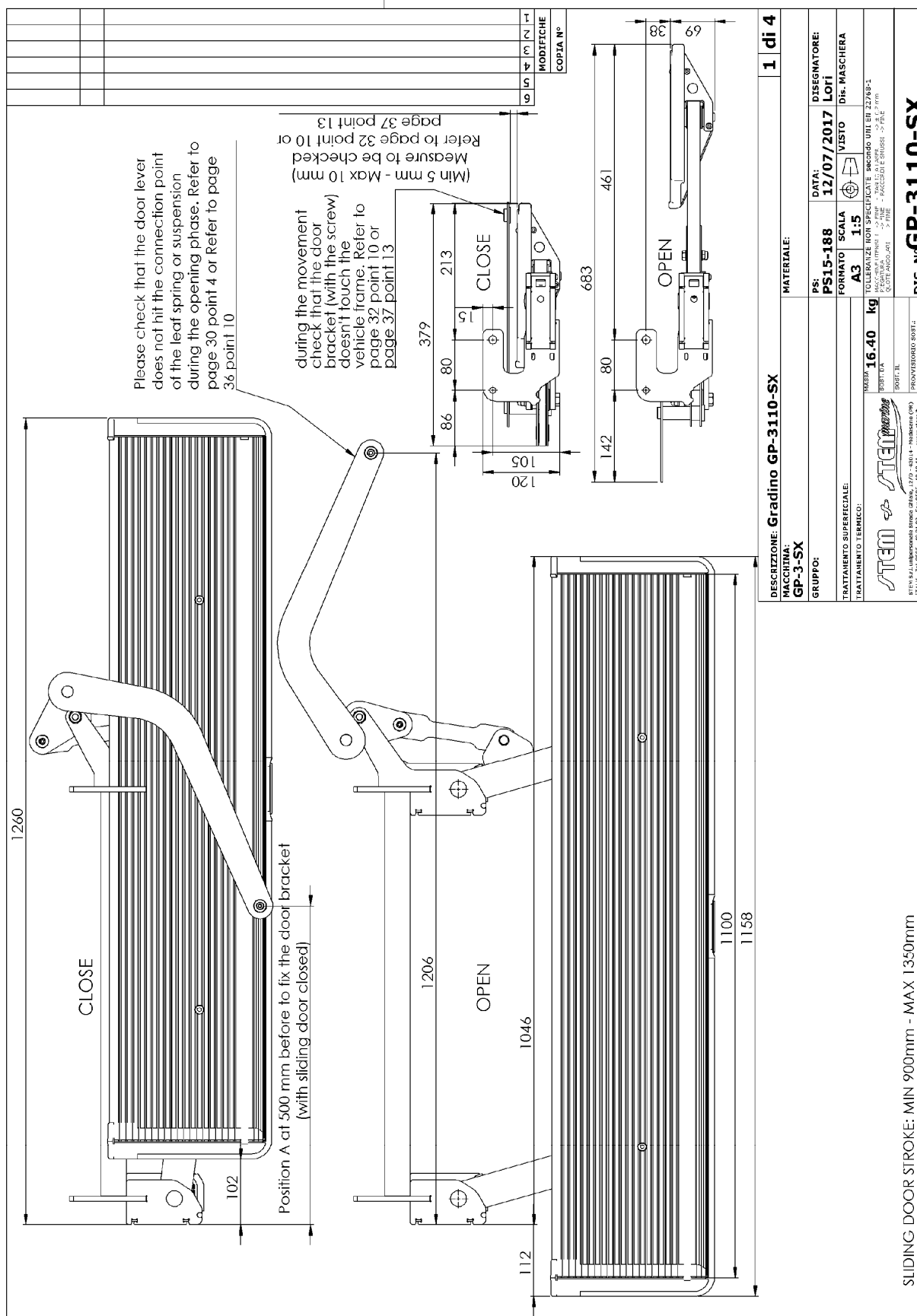
2.3.3 GP-380-SX - RHD



2.3.4 GP-3110 - LHD



2.3.5 GP-3110-SX - RHD





Reported data does not bind the manufacturer; they can be modified without notice. STEM is however at the customer's disposal for any detail or clarification

CONVERSION TABLE OF UNITS OF MEASUREMENT

Length	1 inch = 1" = 25.4 mm	Power	1 kW = 1.36 CV = 1.34 BHP
Volume	1 litre = 1 l = 0.260 gallons	Weight	1 kg = 2.204 pounds
Temperature	T (K) = t (°C) + 273 / t (°F) = 1.8 t (°C) + 32	Pressure	1 bar = 100 kPa = 14.5 psi

2.4 PERMITTED USE

The GP-3 step is a device to ease the access onto vehicles with a floor height above 40 cm listed below:

BODYBUILDER	MODEL
CITROEN	JUMPER > 2006
FIAT	DUCATO X250
FIAT	TALENTO > 2016
FORD	TRANSIT CUSTOM
FORD	TRANSIT
IVECO	DAILY > 2005
MERCEDES	SPRINTER >2006
NISSAN	NV400
OPEL	MOVANO > 2010
OPEL	VIVARO >01/2015
PEUGEOT	BOXER > 2006
RENAULT	TRAFIC > 01/2015
RENAULT	MASTER > 2010
VOLKSWAGEN	CRAFTER < 02-2017
VOLKSWAGEN	CRAFTER > 03-2017



- **DO NOT STAND ON** the step before the opening stroke is completed.
- While using the step the user has to hold on to the safety handle that the vehicle is equipped with.



While using the step people with physical disabilities must be helped by an assistant.

3 HANDLING

3.1 PACKAGING AND TRANSPORT

The step is delivered to the customer partially assembled. The packaging includes a cardboard box containing a polystyrene sheet preventing the step from shaking inside the box.



During handling the step has to be in the closed position at all times

3.2 STORAGE

If the step is not installed immediately it must be stored indoors in a dry and clean place, and needs to be positioned at about 100 to 150 mm from the ground for perfect preservation and performance of parts composing it. Do not expose to direct sunlight. Relative humidity must be lower than 80% and temperature must range between $-10\text{ °C} \leq t \leq +50\text{ °C}$.



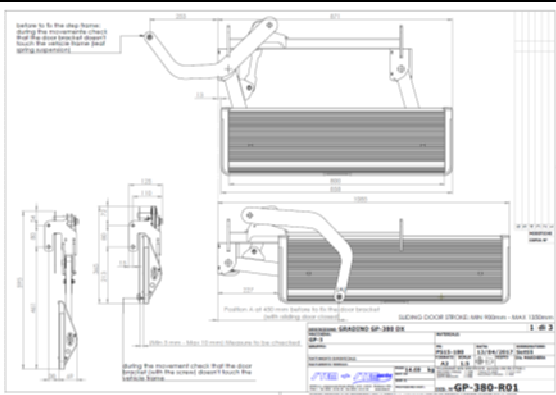
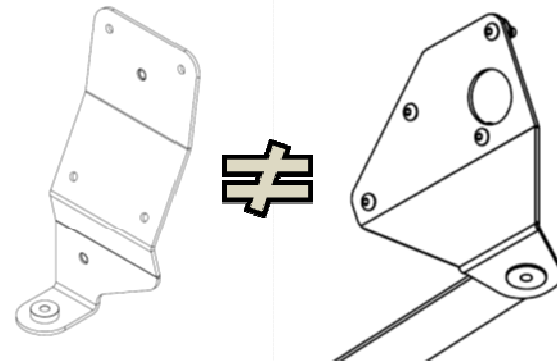
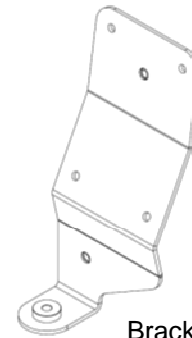
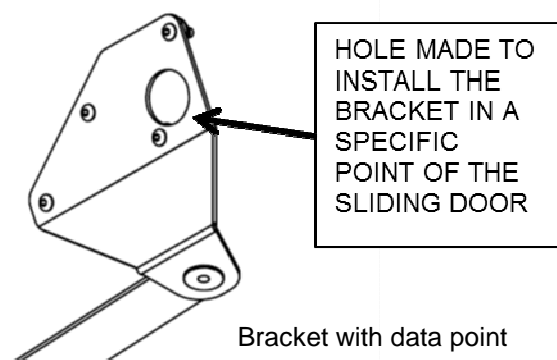
Stacking of steps within their original packaging can not exceed 4 units


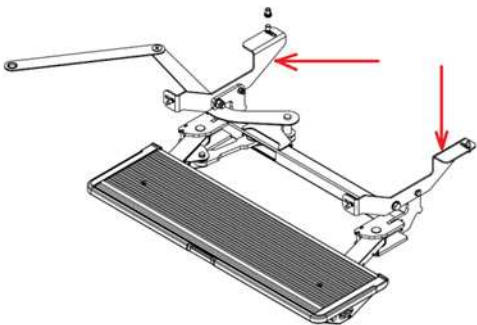
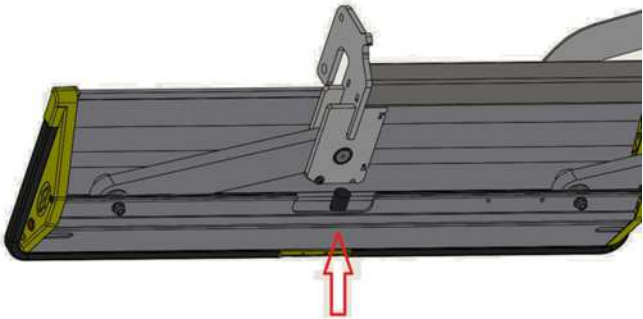
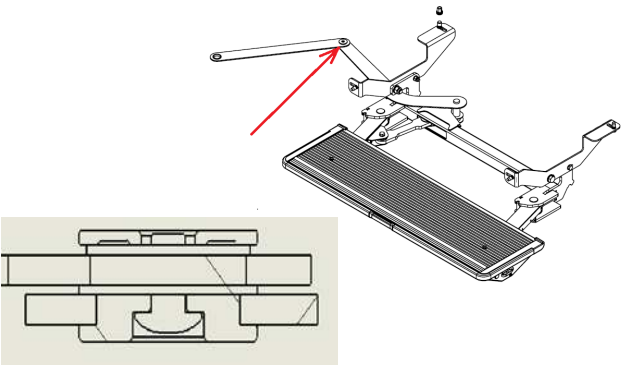
4 INSTALLATION

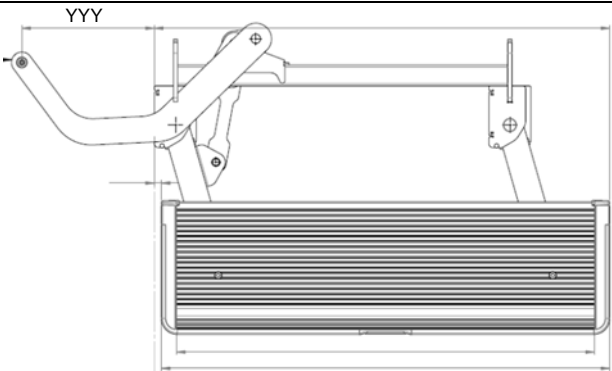

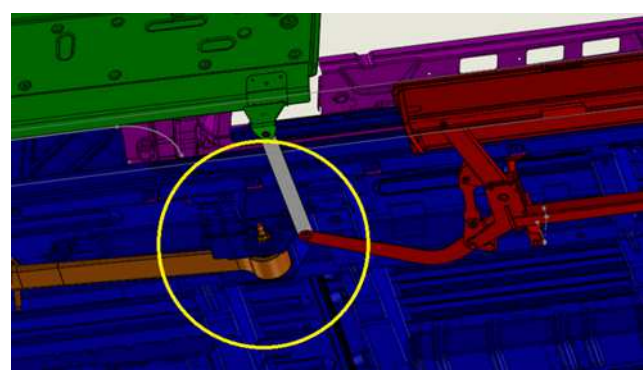

The GP-3 can be installed on any type of vehicle whose body dimensions are compatible with the overall dimensions.


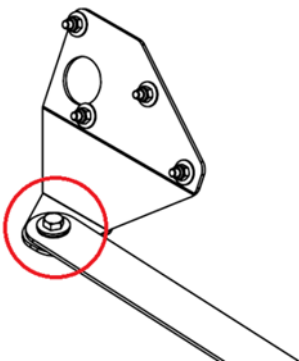
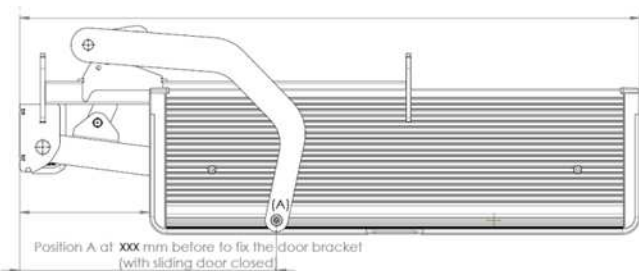

INSTALLATION PROCEDURE OF GP-3 STEP ON A COMMERCIAL VEHICLE
ATTENTION: All pictures are approximative and can differ from the reality according to the step and the vehicle you have
ATTENTION: In case of any modification of the vehicle, it is necessary to follow the indications given by the manufacturer according to the information of the bodybuilder's manual




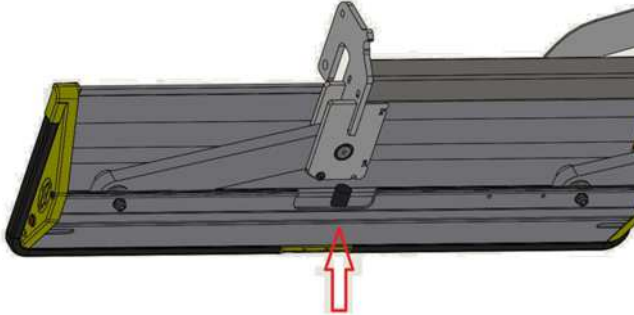
4.1 RIGHT SIDE GP-3 STEP INSTALLATION - LHD



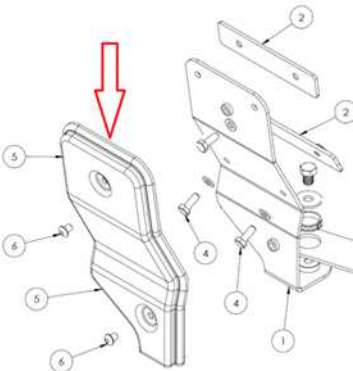
PREPARATORY PHASE		
PHASE	DESCRIPTION	PICTURE
1	Please check that the maximum overall dimensions of the step during the installation comply with the dimensions of the commercial vehicle (see Step technical features pages 9-13)	
2	Please check the type of door bracket in order to define which installation you must do	
2.a	Door bracket without position defined by the geometry of the sliding door (the bracket can move on the door, because there are no geometric limits) SEE INSTALLATION N°1 on page 18	 <p>Bracket without data point</p>
2.b	Door bracket with position defined by the geometry of the sliding door (the bracket CANNOT move on the door, because there are geometric limits) SEE INSTALLATION N°2 on page 23	 <p>HOLE MADE TO INSTALL THE BRACKET IN A SPECIFIC POINT OF THE SLIDING DOOR</p> <p>Bracket with data point</p>


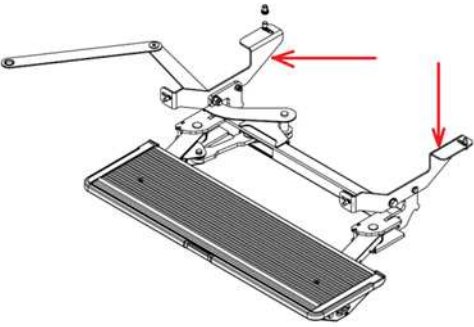
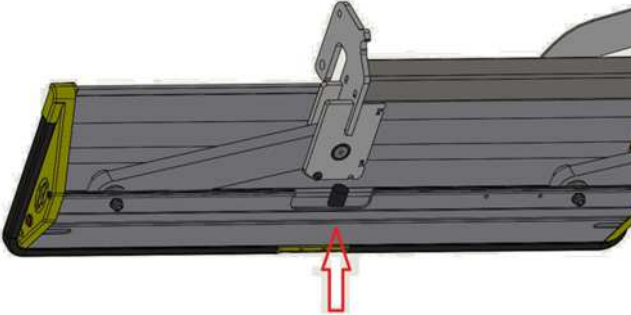
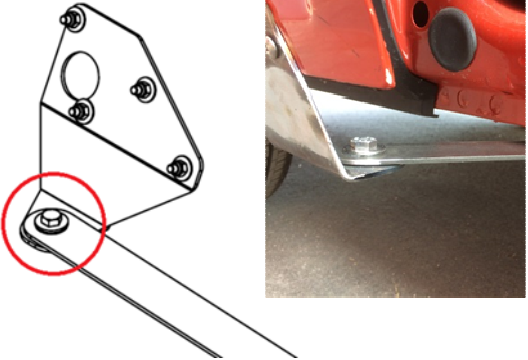
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
1	Please prepare GP-3 automatic step before proceeding with the installation. See point 1.a – 1.b – 1.c.	
1.a	Please fix the chassis fitting kits on GP-3 step frame (see underbody mounting brackets pages 44 - 81)	
1.b	Please check that the anti-vibration system is not installed on the rear side of the step, in case, please remove it before proceeding with the installation	
1.c	Please install the door lever on GP-3 step (see door mounting brackets pages 44 - 81)	


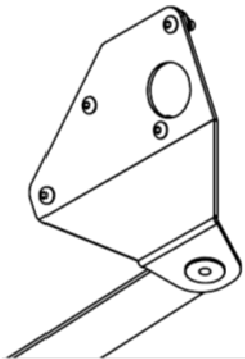


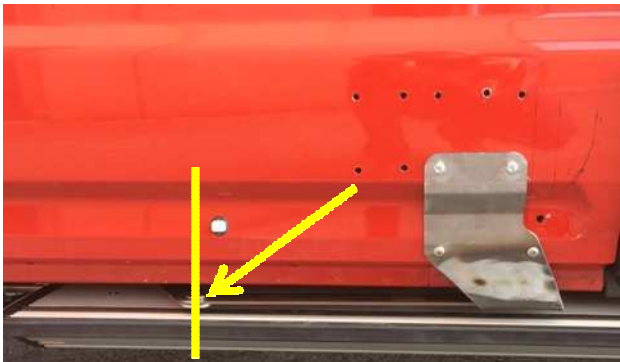
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
2	Please put GP-3 step into position OPEN by maintaining quota YYY (as show on installation pages 39 - 43)	
3	Please position the step in the middle of the door or in the needed position, if possible - please do not position the step beyond the B pillar edge (see yellow line)	
4	Please check that the door lever does not hit the connection point of the leaf spring or suspension during the opening phase.	
5	Or it can be necessary to move the step towards the front part of the vehicle - please do not position the step beyond the B pillar edge (see the yellow line)	

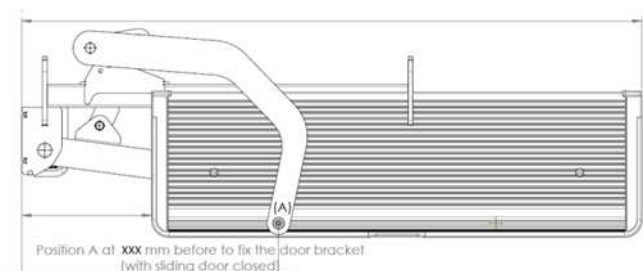
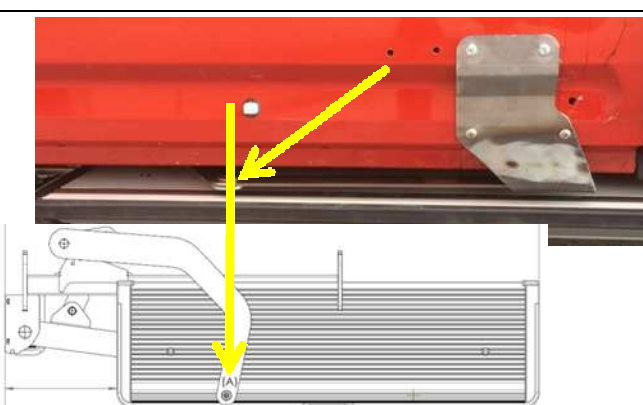

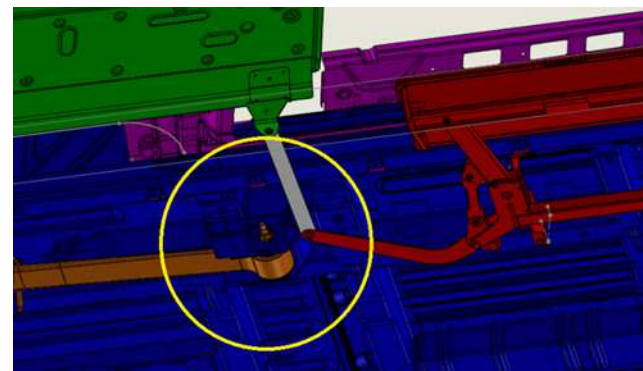
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
6	After having positioned the step, please mark and make the fixing points on the vehicle for chassis fitting kits (it is necessary to use the thread lock [Loxeal 55-02 or similar])	
7	Please install the door bracket on GP-3 step (It is necessary to use the thread lock [Loxeal 55-02 or similar]) (see door mounting brackets pages 44 - 81)	
8	Please put GP-3 step into the position CLOSED by maintaining quota XXX between A and the chassis (as show on installation pages 39 - 43).	
9	Please position the door bracket on the sliding door; please mark, but do not MAKE the fixing holes	


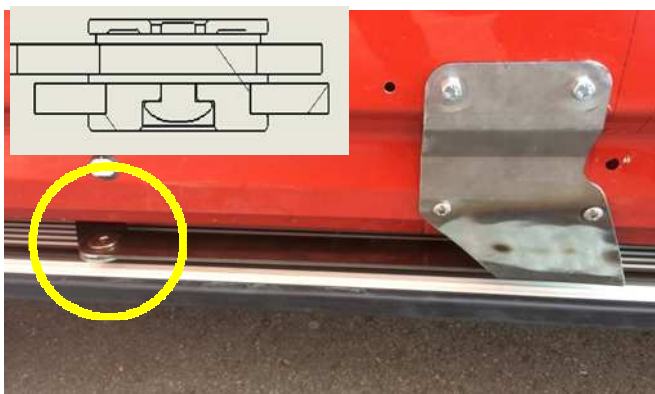

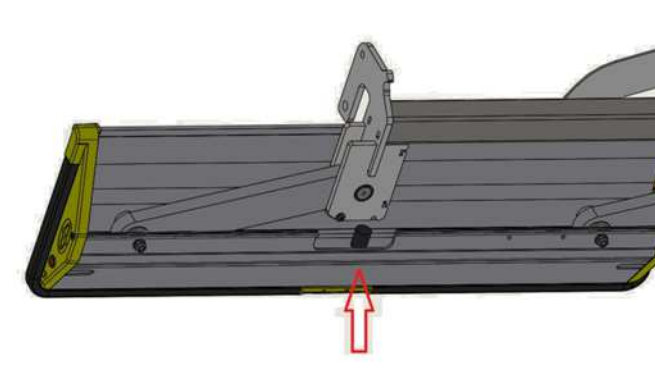
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
10	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the vehicle chassis. It is necessary to pretend the door bracket movement, being this not fixed yet	
11	Please make the fixing holes on the door and install the bracket as indicated in the assembly charts, by using, if mentioned, the internal support structures (please check according to the vehicle-door-bracket-assembly chart). If during the assembly, there are no self-locking nuts, it is necessary to use the thread lock (LOXEAL 55-02 or similar)	
12	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the other components.	
13	Screw the anti-vibration system on the front side of the footboard	



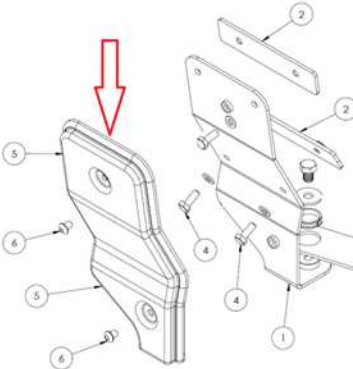
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
14	Please test the step functioning by carefully moving the sliding door and checking that, with closed door, the anti-vibration is pressed of about 2-3 mm in order to avoid vibrations when the vehicle is moving	
15	Please check the correct locking of all fixing screws of the chassis and door fitting kits.	
16	Please install, if expected, the protection cover on the door bracket.	

INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
1	Please prepare GP-3 automatic step before proceeding with the installation. See point 1.a – 1.b	
1.a	Please fix the chassis fitting kits on GP-3 step frame (see underbody mounting brackets pages 44 - 81)	
1.b	Please check that the anti-vibration system is not installed on the rear side of the step, in case, please remove it before proceeding with the installation.	
2	Please install the door lever on the door bracket (if necessary, please use thread lock [Loxal 55-02 or similar]) (see door mounting brackets pages 44 - 81)	

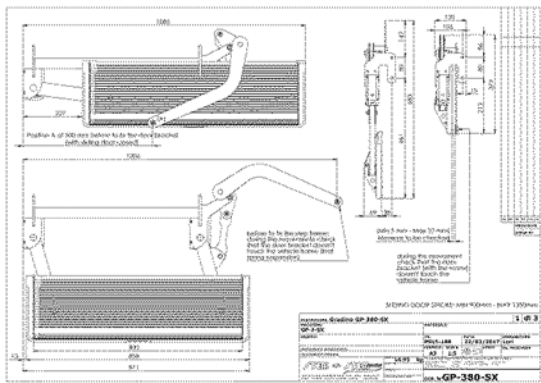
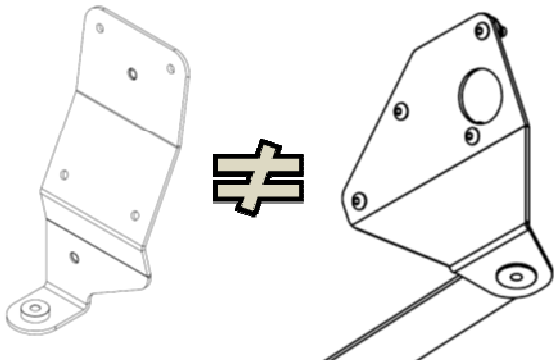
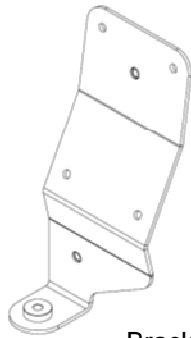
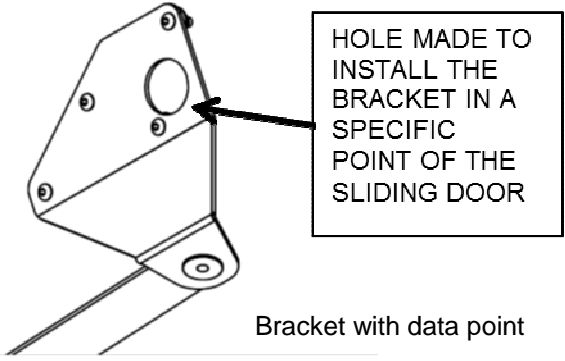
INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
3	Please position the door bracket on the sliding door; please mark the fixing holes, as indicated in the assembly charts.	 
4	Please make the fixing holes on the door and install the bracket as indicated in the assembly charts, by using, if mentioned, the internal support structures (please check according to the vehicle-door-bracket-assembly chart). If during the assembly, there are no self-locking nuts, it is necessary to use the thread lock (LOXEAL 55-02 or similar)	
5	Please close the vehicle sliding door	
6	Please mark the rotation center of the door lever on the vehicle chassis (see the yellow line)	


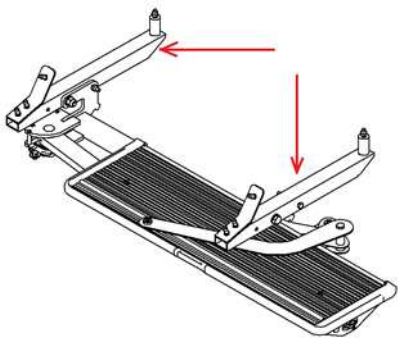
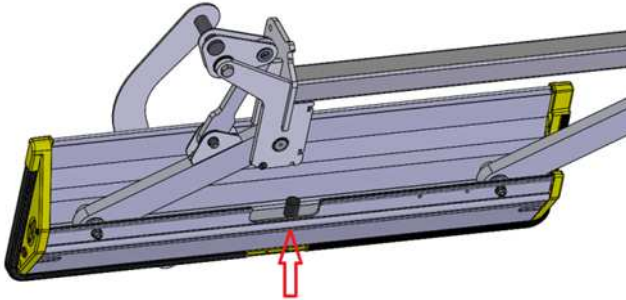
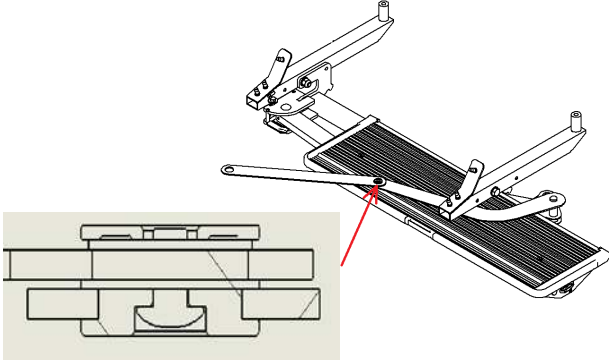
INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
7	Please put GP-3 step into the position CLOSED by maintaining quota XXX between A and the chassis (as show on installation pages 39 - 43)	
8	Please position the step so that the rotation center [A] corresponds to the point marked on the vehicle chassis in the previous phases.	
9	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the vehicle chassis. It is necessary to pretend the door bracket movement, being this not fixed yet.	
10	Please check that the door lever does not hit the connection point of the leaf spring or suspension during the opening	

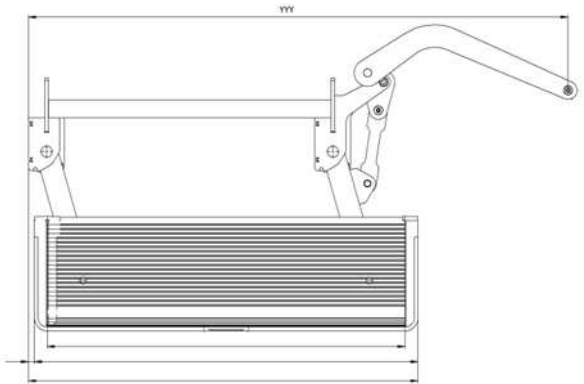

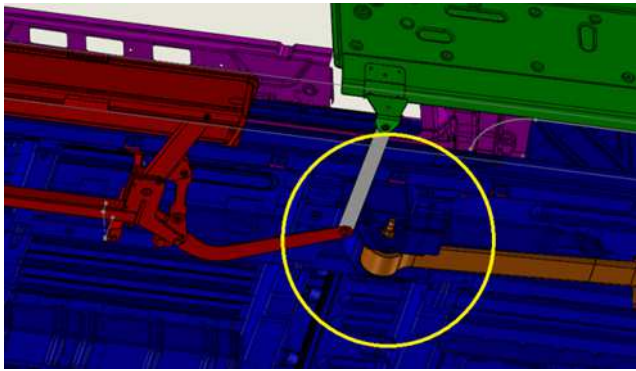

INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
11	After having positioned the step, please mark and make the fixing points on the vehicle for chassis fitting kits (it is necessary to use the thread lock [Loxenal 55-02 or similar]).	
12	Please connect the door bracket to the GP-3 step (see door mounting brackets pages 44 - 81)	
13	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the vehicle chassis.	
14	Please screw the anti-vibration system on the rear side of the step.	


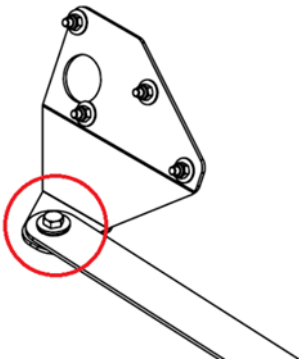
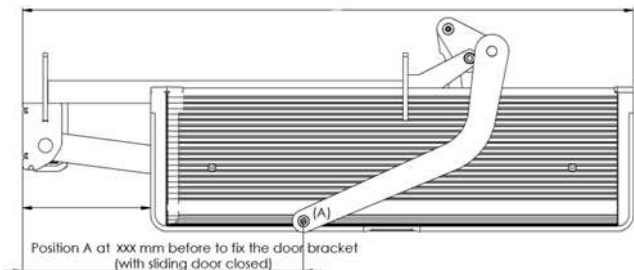

INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
15	Please test the step functioning by carefully moving the sliding door and checking that, with closed door, the anti-vibration is pressed of about 2-3 mm in order to avoid vibrations when the vehicle is moving.	
16	Please check the correct locking of all fixing screws of the chassis and door fitting kits.	
17	Please install, if expected, the protection cover on the door bracket.	




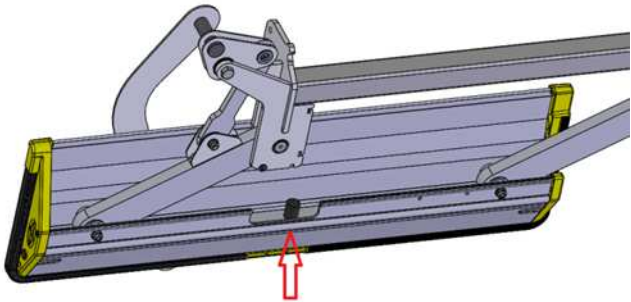
4.2 LEFT SIDE GP-3 STEP INSTALLATION - RHD



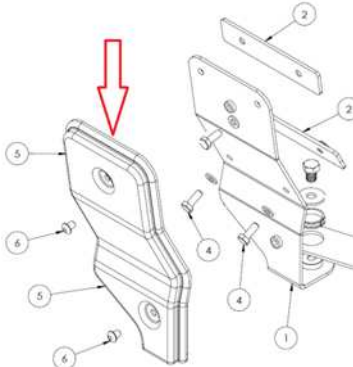
PREPARATORY PHASE		
PHASE	DESCRIPTION	PICTURE
1	Please check that the maximum overall dimensions of the step during the installation comply with the dimensions of the commercial vehicle (see Step technical features pages 9-13)	
2	Please check the type of door bracket in order to define which installation you must do	
2.a	Door bracket without position defined by the geometry of the sliding door (the bracket can move on the door, because there are no geometric limits) SEE INSTALLATION N°1 on page 29	 <p>Bracket without data point</p>
2.b	Door bracket with position defined by the geometry of the sliding door (the bracket CANNOT move on the door, because there are geometric limits) SEE INSTALLATION N°2 on page 34	 <p>Bracket with data point</p>


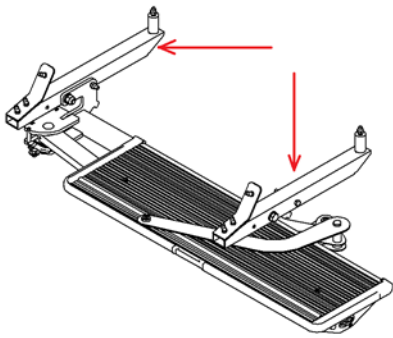
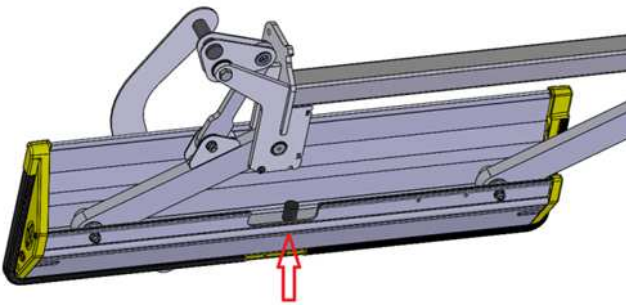
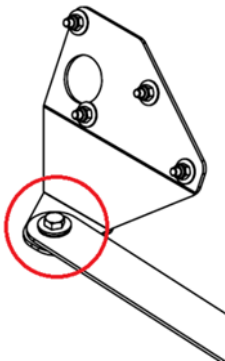

INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
1	Please prepare GP-3 automatic step before proceeding with the installation. See point 1.a – 1.b – 1.c.	
1.a	Please fix the chassis fitting kits on GP-3 step frame (see underbody mounting brackets pages 44 - 81)	
1.b	Please check that the anti-vibration system is not installed on the rear side of the step, in case, please remove it before proceeding with the installation	
1.c	Please install the door lever on GP-3 step (see door mounting brackets pages 44 - 81)	


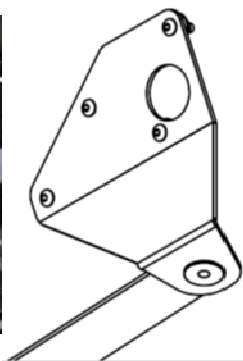


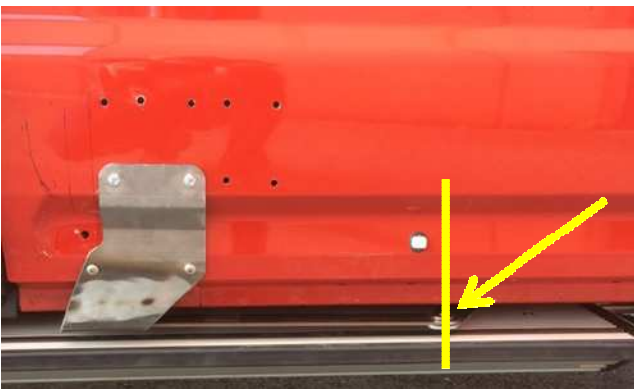
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
2	Please put GP-3 step into position OPEN by maintaining quota YYY (as show on installation pages 39 - 43)	
3	Please position the step in the middle of the door or in the needed position, if possible - please do not position the step beyond the B pillar edge (see yellow line)	
4	Please check that the door lever does not hit the connection point of the leaf spring or suspension during the opening	
5	Or it can be necessary to move the step towards the front part of the vehicle - please do not position the step beyond the B pillar edge (see the yellow line)	

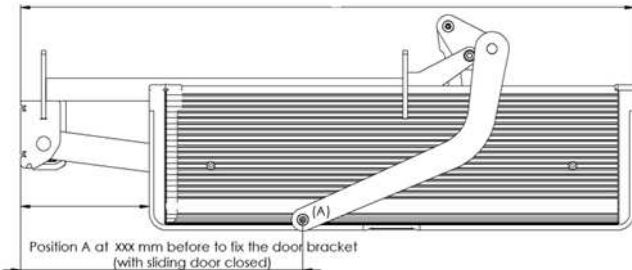
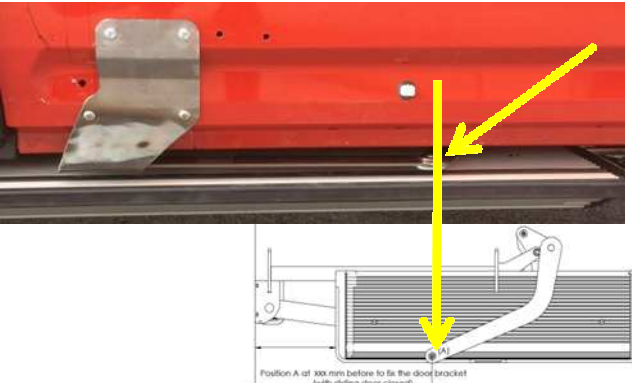

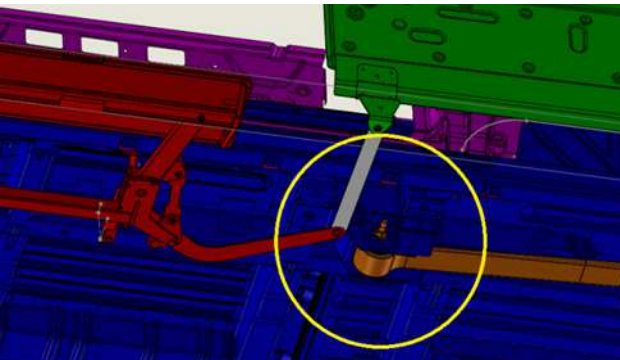
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
6	After having positioned the step, please mark and make the fixing points on the vehicle for chassis fitting kits (it is necessary to use the thread lock [Loxeal 55-02 or similar])	
7	Please install the door bracket on GP-3 step (It is necessary to use the thread lock [Loxeal 55-02 or similar]) (see door mounting brackets pages 44 - 81)	
8	Please put GP-3 step into the position CLOSED by maintaining quota XXX between A and the chassis (as show on installation pages 39 - 43).	
9	Please position the door bracket on the sliding door; please mark, but do not MAKE the fixing holes	


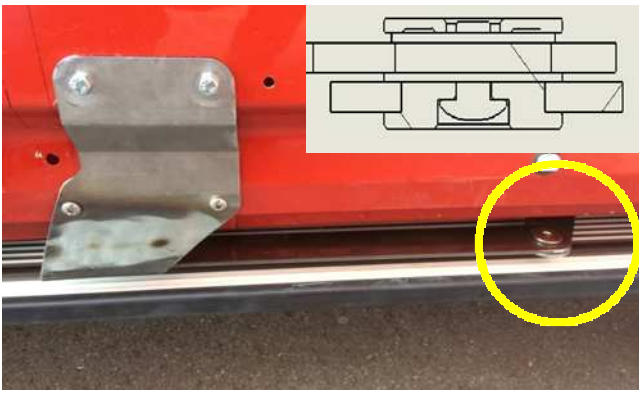

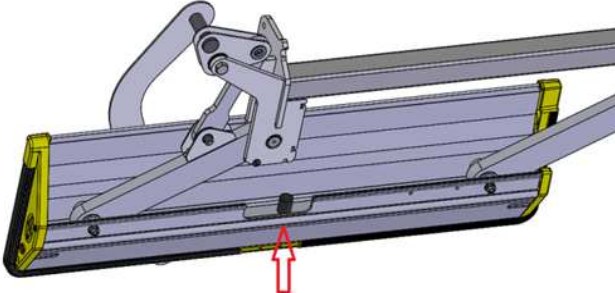
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
10	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the vehicle chassis. It is necessary to pretend the door bracket movement, being this not fixed yet	
11	Please make the fixing holes on the door and install the bracket as indicated in the assembly charts, by using, if mentioned, the internal support structures (please check according to the vehicle-door-bracket-assembly chart). If during the assembly, there are no self-locking nuts, it is necessary to use the thread lock (LOXEAL 55-02 or similar)	
12	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the other components.	
13	Screw the anti-vibration system on the front side of the footboard	



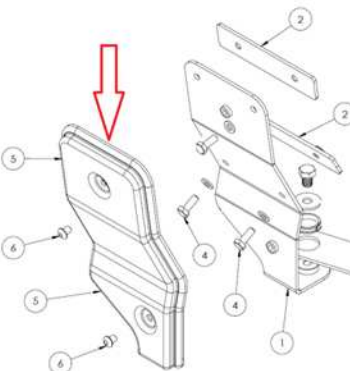
INSTALLATION N° 1		
PHASE	DESCRIPTION	PICTURE
14	Please test the step functioning by carefully moving the sliding door and checking that, with closed door, the anti-vibration is pressed of about 2-3 mm in order to avoid vibrations when the vehicle is moving	
15	Please check the correct locking of all fixing screws of the chassis and door fitting kits.	
16	Please install, if expected, the protection cover on the door bracket.	

INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
1	Please prepare GP-3 automatic step before proceeding with the installation. See point 1.a – 1.b	
1.a	Please fix the chassis fitting kits on GP-3 step frame (see underbody mounting brackets pages 44 - 81)	
1.b	Please check that the anti-vibration system is not installed on the rear side of the step, in case, please remove it before proceeding with the installation.	
2	Please install the door lever on the door bracket (if necessary, please use the thread lock [Loxeal 55-02 or similar]) (see door mounting brackets pages 44 - 81)	 

INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
3	Please position the door bracket on the sliding door; please mark the fixing holes, as indicated in the assembly charts.	 
4	Please make the fixing holes on the door and install the bracket as indicated in the assembly charts, by using, if mentioned, the internal support structures (please check according to the vehicle-door-bracket-assembly chart). If during the assembly, there are no self-locking nuts, it is necessary to use the thread lock (LOXEAL 55-02 or similar)	
5	Please close the vehicle sliding door	
6	Please mark the rotation center of the door lever on the vehicle chassis (see the yellow line)	

INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
7	Please put GP-3 step into the position CLOSED by maintaining quota XXX between A and the chassis (as show on installation pages 39 - 43)	
8	Please position the step so that the rotation center [A] corresponds to the point marked on the vehicle chassis in the previous phases.	
9	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the vehicle chassis. It is necessary to pretend the door bracket movement, being this not fixed yet.	
10	Please check that the door lever does not hit the connection point of the leaf spring or suspension during the opening	

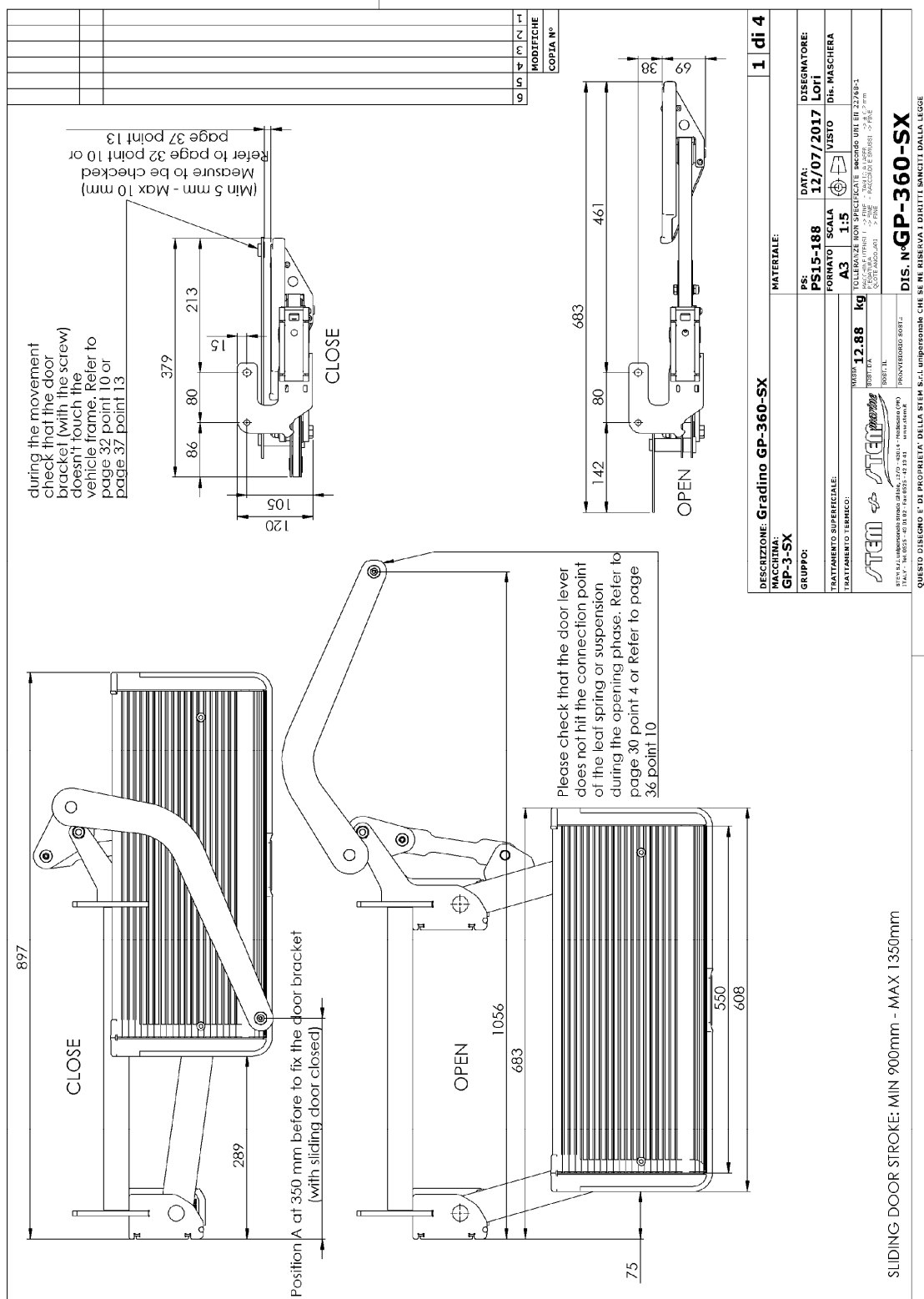
INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
11	After having positioned the step, please mark and make the fixing points on the vehicle for chassis fitting kits (it is necessary to use the thread lock [Loxal 55-02 or similar]).	
12	Please connect the door bracket to the GP-3 step (see door mounting brackets pages 44 - 81)	
13	Please test the step functioning by carefully moving the sliding door and checking that movable components are not subjected to locking before the mechanical limit switches and the movable parts do not hit the vehicle chassis.	
14	Please screw the anti-vibration system on the rear side of the step.	

INSTALLATION N° 2		
PHASE	DESCRIPTION	PICTURE
15	Please test the step functioning by carefully moving the sliding door and checking that, with closed door, the anti-vibration is pressed of about 2-3 mm in order to avoid vibrations when the vehicle is moving.	
16	Please check the correct locking of all fixing screws of the chassis and door fitting kits.	
17	Please install, if expected, the protection cover on the door bracket.	



For a correct installation respect the dimensions for OPEN and CLOSED configuration in the following drawings

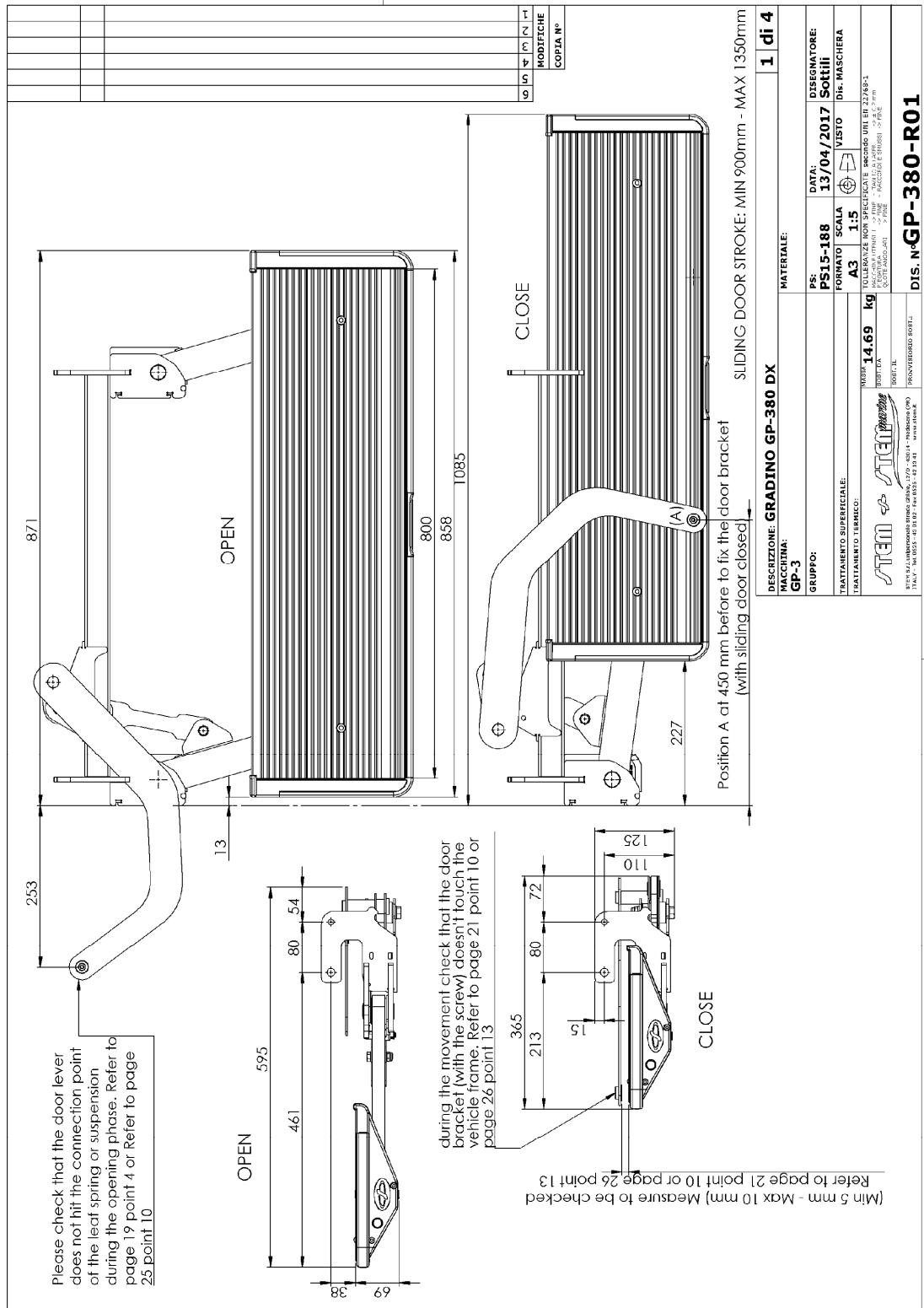
4.3 GP-360-SX - RHD





For a correct installation respect the dimensions for OPEN and CLOSED configuration in the following drawings

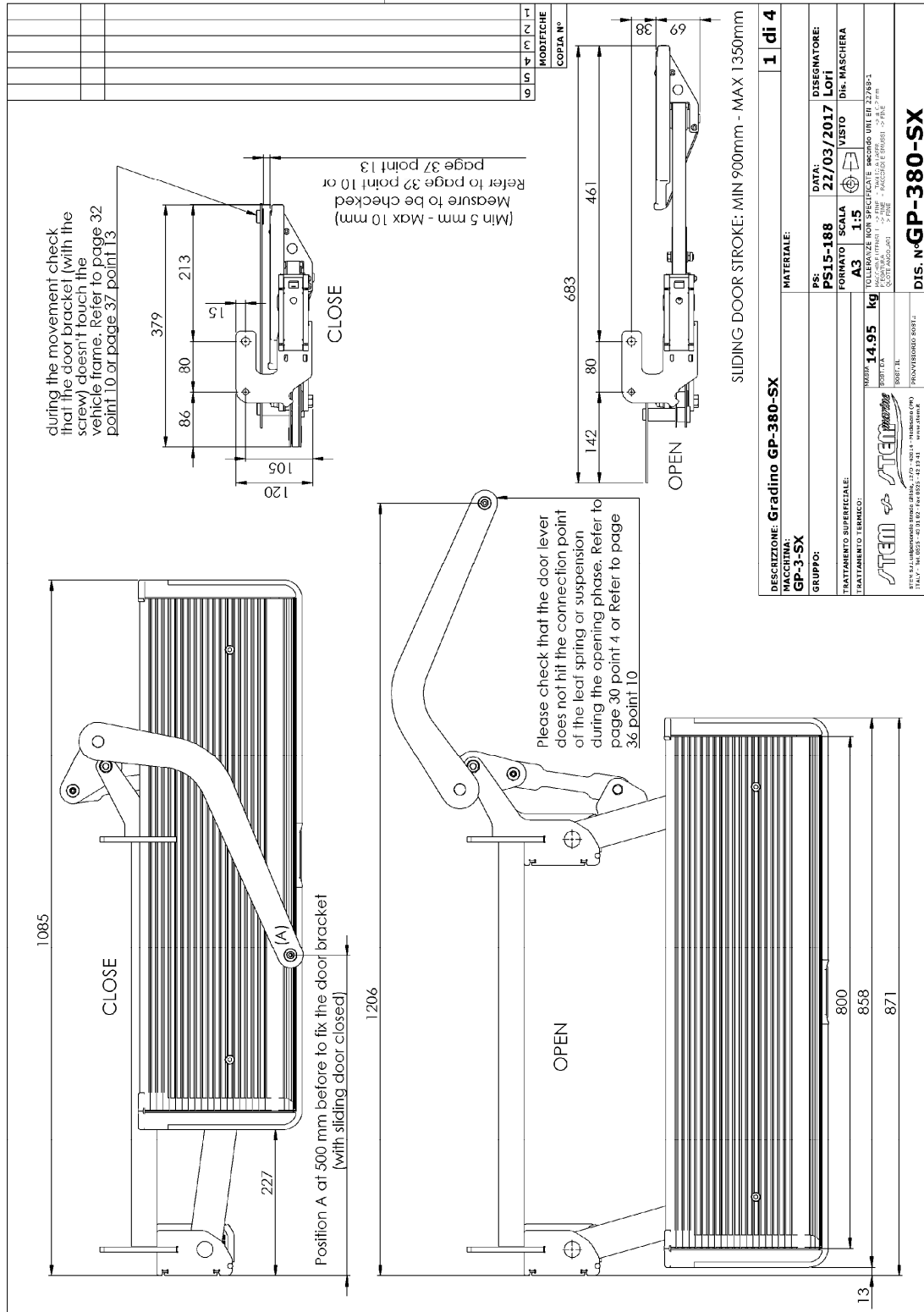
4.4 GP-380 - LHD





For a correct installation respect the dimensions for OPEN and CLOSED configuration in the following drawings

4.5 GP-380-SX - RHD



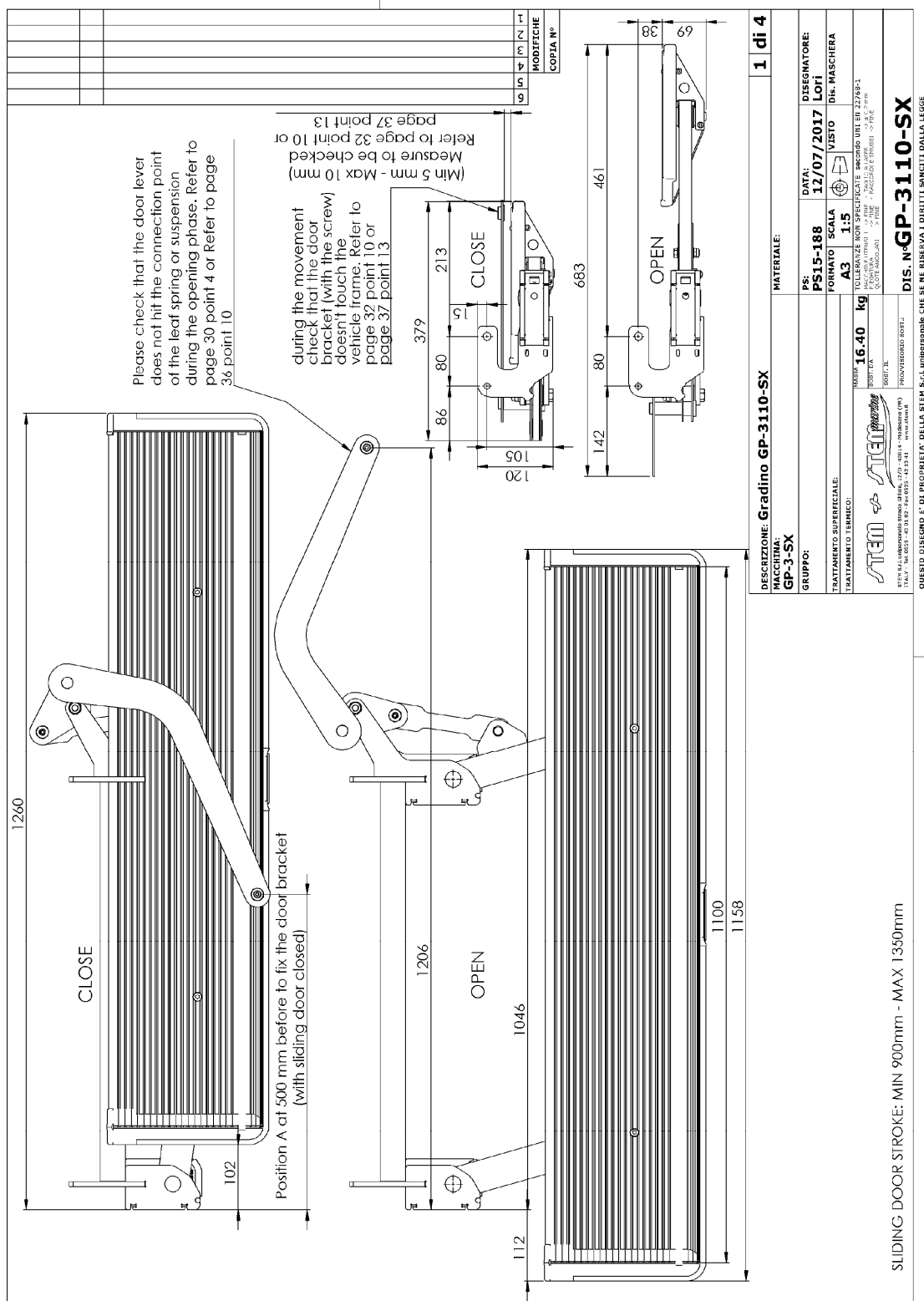


SLIDING DOOR STROKE: MIN 900mm - MAX 1350mm



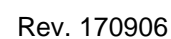
For a correct installation respect the dimensions for OPEN and CLOSED configuration in the following drawings

4.7 GP-3110-SX - RHD



STEM has a series of adapting brackets for the vehicles listed in the foreseen use chapter

5.1.1 STAFGP3SP06 – DOOR MOUNTING BRACKET – LHD - RHD



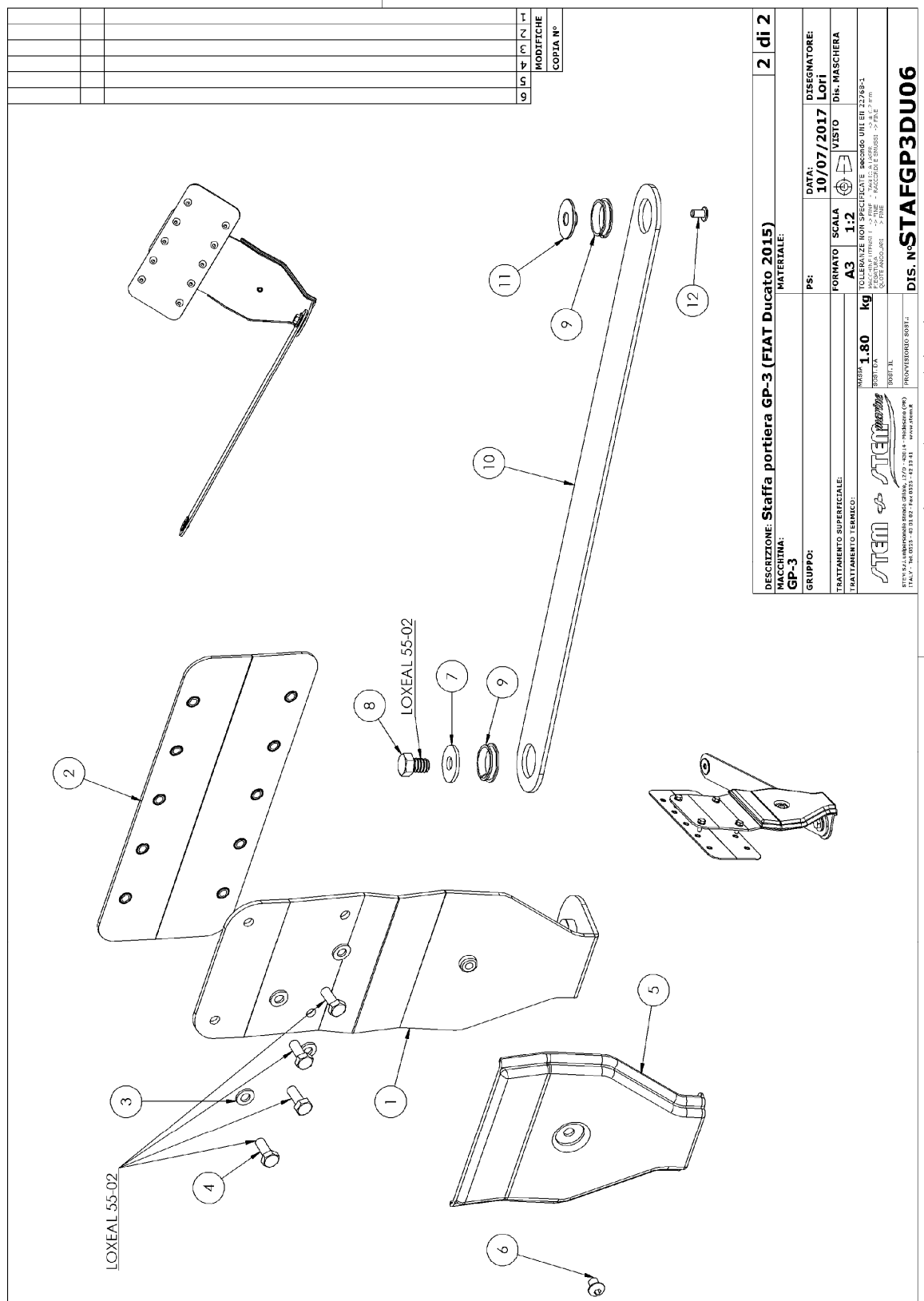
POS.	CODE	DESCRIPTION	N°
1	DIS0013412-R00	Sprinter/Crafter GP-3 bracket	1
2	DIS0013621-R00	Sliding door plate	1
3	VTBE0608I	Screw	1
4	RO08024I	Washer	1
5	TE06020I	Screw	4
6	RO06I	Washer	4
7	DIS0013700-P01	Cover	1
8	BOCMCM2003	Bushing	2
9	RIVE4.808I	Rivet	1
10	DIS0013306-R00	Bushing	1
11	DIS0014119-R00	Sliding door bracket	1
12	TE08012IF	Screw	1



POS.	CODE	DESCRIPTION	N°
1	DIS0004919	Sprinter/Crafter GP-3 support	2
2	INSCFTSCM8	Insert	4
3	TCEI08025	Screw	4
4	TE08065P	Screw	2
5	DAAU08	Nut	2
6	TE01270P	Screw	2
7	DAAU012	Nut	2

5.2 FIAT DUCATO X250 > 2006 – CITROEN JUMPER > 2006 – PEUGEOT BOXER > 2006

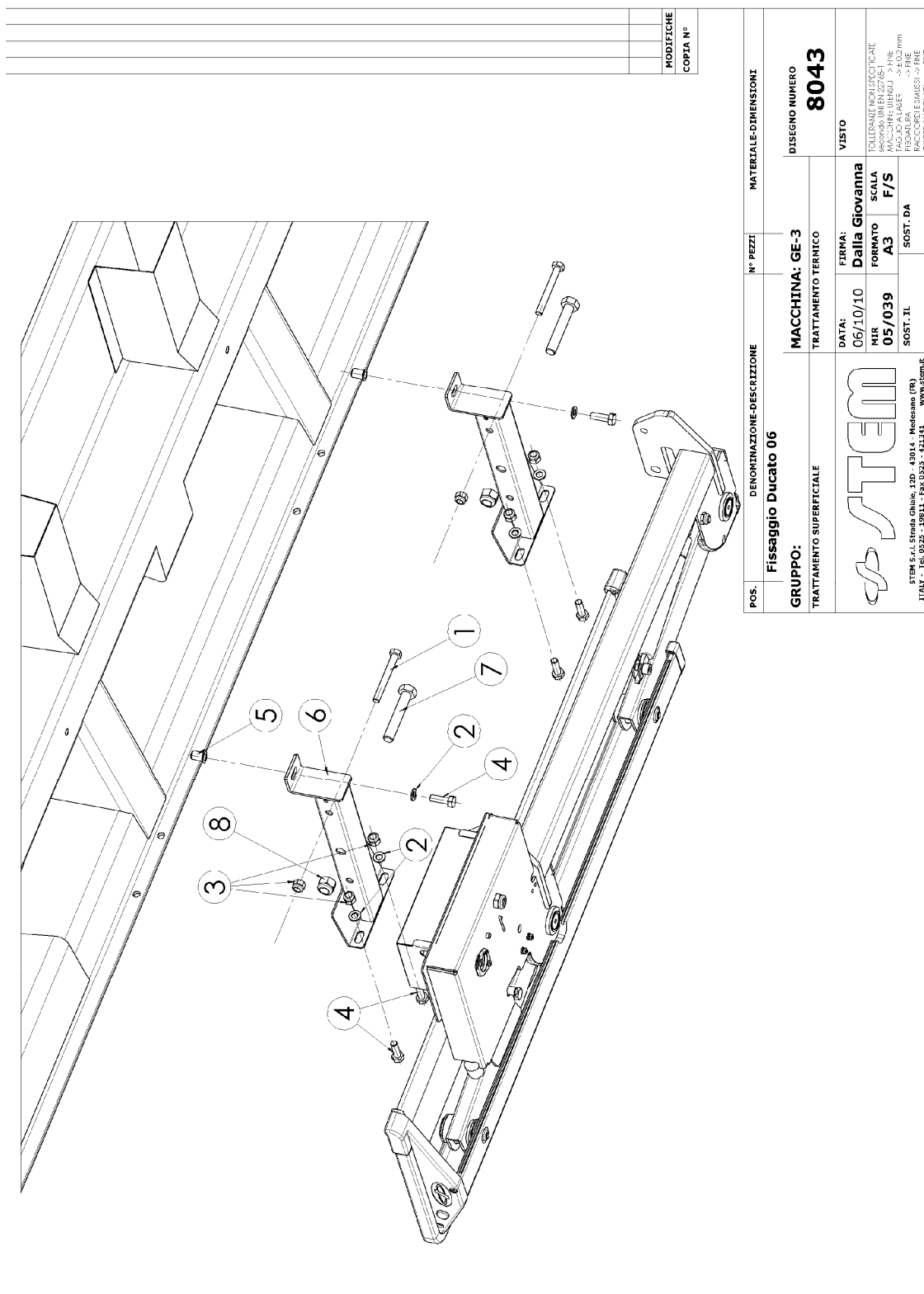
5.2.1 STAFGP3DU06 – DOOR MOUNTING BRACKET – LHD – RHD



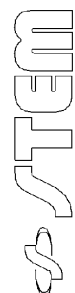
POS.	CODE	DESCRIPTION	N°
1	DIS0013402-P01	Ducato 2015 bracket	1
2	DIS0013621-R00	Sliding door plate	1
3	RO06I	Washer	4
4	TE06016I	Screw	4
5	DIS0013563-P02	Cover	1
6	VTBE0608I	Screw	1
7	RO08024I	Washer	1
8	TE08012IF	Screw	1
9	BOCMCM2003	Bushing	2
10	DIS0013305-R00	Sliding door bracket	1
11	DIS0013306-R00	Bushing	1
12	RIVE4.808I	Rivet	1

5.2.2 STAFSH4ADU06 – UNDERBODY MOUNTING BRACKET – LHD - RHD

Drw. 8043



POS.	DENOMINAZIONE-DESCRIZIONE	N° PEZZI	MATERIALE-DIMENSIONI
1	Fissaggio Ducato 06		
2	GRUPPO:	MACCHINA: GE-3	DISEGNO NUMERO
3	TRATTAMENTO SUPERFICIALE	TRATTAMENTO TECNICO	8043
4		DATA: 06/10/10	FIRMA: Dalla Giovanna
5		MIR 05/039	SCALA F/S
6		SOST. IL	SOST. DA
7			
8			



STEM S.p.A. Strada Giulio, 23D - 43014 - Medesano (PR)
ITALY - Tel. 0525 - 39611 Fax 0525 - 43111 www.stem.it

QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.p.A. CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE



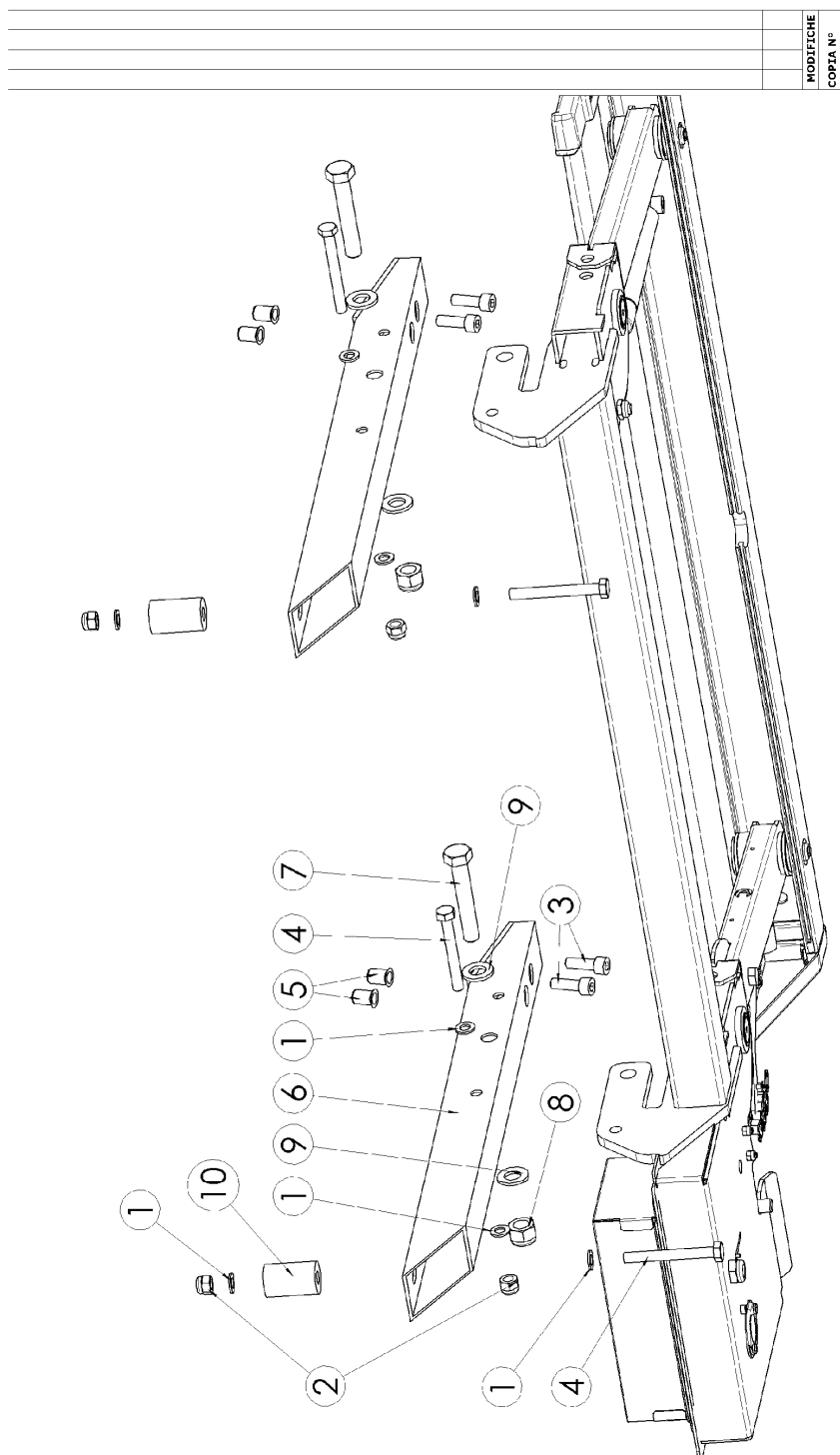
POS.	CODE	DESCRIPTION	N°
1	TE08070P	Screw	2
2	RO08	Washer	6
3	DAAU08	Nut	6
4	TE08025	Screw	6
5	INSCFTSCM8	Insert	2
6	DIS0006046	Ducato GP-3 bracket	2
7	TE012070P	Screw	2
8	DAAU012	Nut	2



POS.	CODE	DESCRIPTION	N°
1	DIS0014075-R00	Daily GP-3 Bracket	1
2	TE06016I	Screw	4
3	RO06I	Washer	4
4	DIS0013956-R00	Sliding door plate	2
5	RO08024I	Washer	1
6	TE08012IF	Screw	1
7	RIVE4.808I	Rivet	1
8	DIS0013306-R00	Bushing	1
9	BOCMCM2003	Bushing	2
10	DIS0013305-R00	Sliding door bracket	1

5.3.2 STAFSH4ADAIL – UNDERBODY MOUNTING BRACKET – LHD - RHD

Drw. 8044

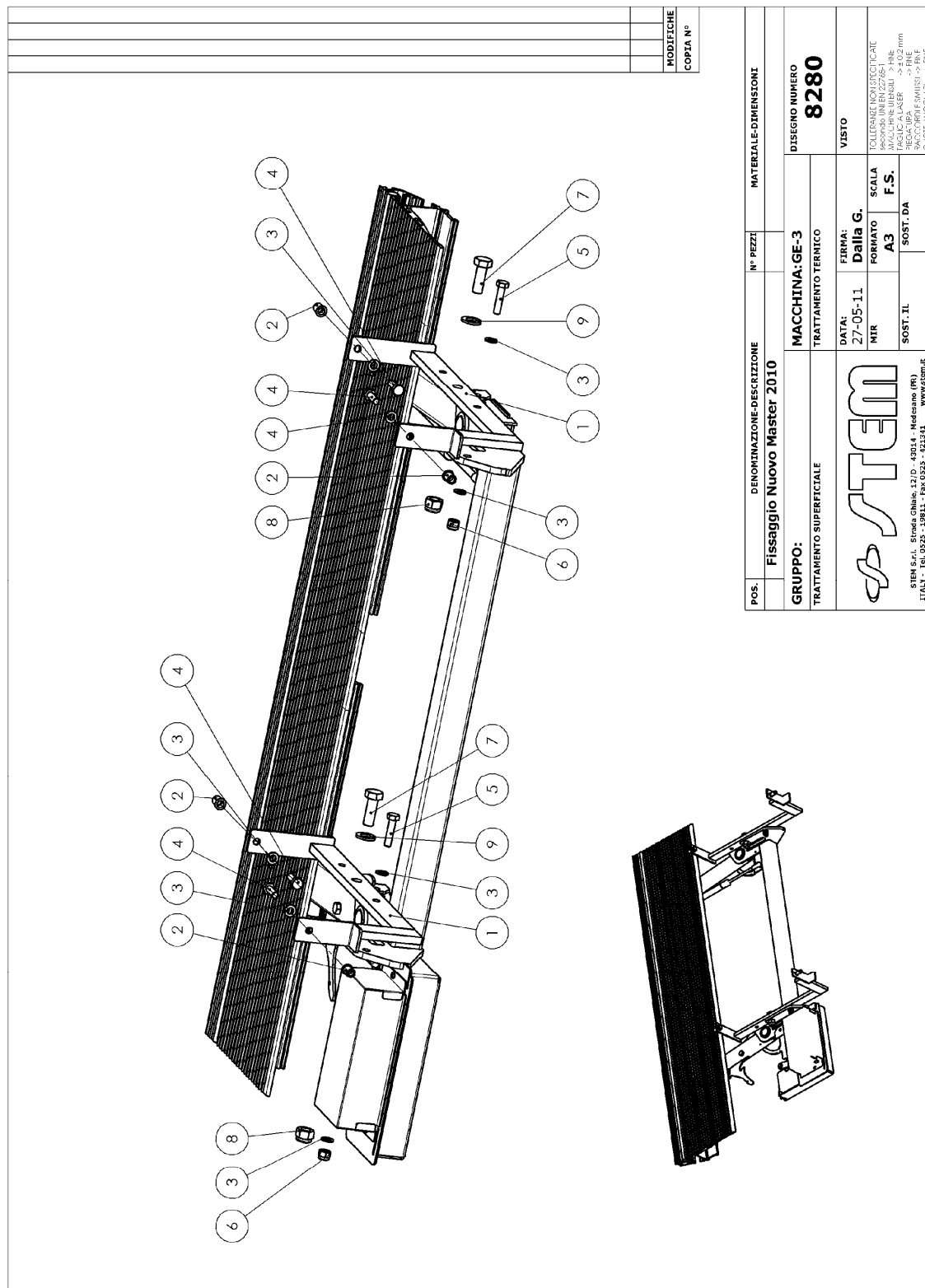


POS.	DENOMINAZIONE-DESCRIZIONE	N° PEZZI	MATERIALE-DIMENSIONI
GRUPPO: Fissaggio Daily 05			
TRATTAMENTO SUPERFICIALE			
MACCHINA:			
TRATTAMENTO TECNICO			
DATA: 06/10/10			
FIRMA: Dalla Giovanna			
MIR 05/039			
SCALA F/S			
FORMATO A3			
SOST. IL			
SOST. DA			
STEM S.p.A. Strada Giulio, 23D - 43014 - Medesano (PR)			
ITALY - Tel. 0525 - 29411 Fax 0525 - 421141			
WWW.STEM.IT			
QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.p.A. CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE			

POS.	CODE	DESCRIPTION	N°
1	RO08	Washer	8
2	DAAU08	Nut	4
3	TCEI08025	Screw	4
4	TE08070	Screw	4
5	INSCFTSCM8	Insert	4
6	DIS0004182	Iveco Daily Step support	2
7	TE012070P	Screw	2
8	DAAU012	Nut	2
9	RO12	Washer	2
10	DIS0008517	Spacer	2

POS.	CODE	DESCRIPTION	N°
1	DIS0013764-P00	Master door bracket	1
2	DIS0013748-P00	Master fixing plate	2
3	DIS0013766-P02	Cover	1
4	RIVE4.808I	Rivet	1
5	DIS0013306-R00	Bushing	1
6	BOCMCM2003	Bushing	2
7	DIS0013305-R00	Sliding door bracket	1
8	RO08024I	Washer	1
9	TE08012IF	Screw	1
10	RO06I	Washer	8
11	TE06020I	Screw	4
12	DAAU06I	Nut	4
13	VTBE0608I	Screw	2

5.4.2 STAFGE3MA10 – UNDERBODY MOUNTING BRACKET – LHD – RHD



POS.	CODE	DESCRIPTION	N°
1	DIS 8116	New Master 2010 bracket	2
2	INSCFTSCM8	Insert	4
3	RO08	Washer	8
4	TE08025	Screw	4
5	TE08035	Screw	2
6	DAAU08	Nut	2
7	TE12035	Screw	2
8	DAAU12	Nut	2
9	RO012	Washer	2

5.5.1 STAFGP3VT15 – DOOR MOUNTING BRACKET - LHD

POS.	CODE	DESCRIPTION	N°
1	DIS0013877-R00	Talento - Trafic - Vivaro GP-3 bracket DX	1
2	RO06018I	Washer	4
3	BOCMCM2003	Bushing	2
4	RIVE4.808I	Rivet	1
5	DIS0013306-R00	Bushing	1
6	DIS0013305-R00	Sliding door bracket	1
7	RO08024I	Washer	1
8	TE08012IF	Screw	1
9	VTBE0620I	Screw	4
10	DAAU06I	Nut	4

DESCRIZIONE: Staffa portiera di adattamento GP-3		MATERIALE:		2 di 2	
MACCHINA: GP-3					
GRUPPO:		PS:		DISSEGNAZIONE:	
RATTAMENTO SUPERIORE:		DATA: 10/07/2017		Lori	
RATTAMENTO INFERIORE:		FORMATO		SCALA	
		A3		1:5	
		VISTO		Dis. MASCHERA	
		TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1			
		MISURA: 0.92 kg			
		PORTATA: 100 kg			
		LUNGHEZZA: 100 mm			
		LARGHEZZA: 100 mm			
		ALTEZZA: 100 mm			
		PROFONDITA': 100 mm			
		IDENTIFICAZIONE: 100 kg			
		IDENTIFICAZIONE: 100 kg			
		IDENTIFICAZIONE: 100 kg			
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		IDENTIFICAZIONE: 100 kg			
		IDENTIFICAZIONE: 100 kg			




POS.	CODE	DESCRIPTION	Nº
1	DIS0014065-R00	Talento - Trafic - Vivaro GP-3 bracket SX	1
2	RO06018I	Washer	4
3	BOCMCM2003	Bushing	2
4	RIVE4.808I	Rivet	1
5	DIS0013306-R00	Bushing	1
6	DIS0013305-R00	Sliding door bracket	1
7	RO08024I	Washer	1
8	TE08012IF	Screw	1
9	VTBE0620I	Screw	4
10	DAAU06I	Nut	4

POS.	CODE	DESCRIPTION	N°
1	DIS0008373-R01	Bracket SX	1
2	INSCFTTC12	Insert	1
3	INSCFTTCM8	Insert	8
4	DIS0012108-R00	Bracket DX	1
5	TE08030I	Screw	2
6	RO08I	Washer	8
7	DAAU08I	Nut	1
8	TE12040I	Screw	2
9	RO12	Washer	3
10	DAAU12I	Nut	1
11	TE08025I	Screw	5



POS.	CODE	DESCRIPTION	N°
1	DIS0012108-R00	Bracket	2
2	INSCFTTCM8	Insert	6
3	TE08030I	Screw	2
4	RO08I	Washer	10
5	DAAU08I	Nut	2
6	TE12040I	Screw	2
7	RO12	Washer	4
8	DAAU12I	Nut	2
9	TE08025I	Screw	6

5.6.1 STAFGP3CUS – DOOR MOUNTING BRACKET - LHD

DESCRIZIONE: Staffa portiera GP-3 (Ford Custom) DX		2	di 2
MACCHINA:		MATERIALE:	
GRUPPO:	PS:	DATA:	21/06/2017
GRUPPO:	DISSEGNAZIONE:	LOFI	
TRATTAMENTO SUPERFICIALE:		VISTO	Dis. MASCHERA
TRATTAMENTO TERMICO:			
MATERIA	1.15	kg	TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1
PORT/CA			PERFEZIONE FINISMA > TIME
PORT/IL			PERFEZIONE FINISMA > TIME
			QUALITÀ ANGOLARI > PINE
 		RITMICA LABORATORIO RITMICA - 02461 4179 - ANZI 4-A TAV. 1 - 04.0051 - 05.01.02 - 04.0052 - 42.01.03 VIA DELLA R.	
DIS. N°STAFGP3CUS		PROVVISORIO BOST-1	

POS.	CODE	DESCRIPTION	N°
1	DIS0014100-P00	Ford Custom GP-3 DX bracket	1
2	DIS0013956-R00	fixing plate	2
3	RO06I	Washer	4
4	TE06016I	Screw	4
5	DIS0014101-P00	Cover	1
6	VTBE0608I	Screw	2
7	RO08024I	Washer	1
8	TE08012IF	Screw	1
9	BOCMCM2003	Bushing	2
10	DIS0013305-R00	Sliding door bracket	1
11	DIS0013306-R00	Bushing	1
12	RIVE4.808I	Rivet	1

DESCRIZIONE: Staffa portiera GP-3 (Ford Custom) SX		MATERIALE:		2 di 2	
MACCHINA: GP-3		PS:		DATA: 21/06/2017	
GRUPPO:		DESIGNATORE: Lori		VISTO	
TRATTAMENTO SUPERFICIALE:		FORMATO A3		SCALA 1:2	
TRATTAMENTO TERMICO:		DISEGNO: Dig. MASCHERA		VISTO	
MATERIA: 1.21 kg		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM		TOLLERANZE NON SPECIFICATE INCONGRUE IN 22/98-1		DISEGNO: Dig. MASCHERA	
PRODOTTORE: STEMM					

POS.	CODE	DESCRIPTION	N°
1	DIS0014106-P00	Ford Custom GP-3 SX bracket	1
2	DIS0013956-R00	Fixing plate	2
3	RO06I	Washer	4
4	TE06016I	Screw	4
5	DIS0014107-P00	Cover	1
6	VTBE0608I	Screw	2
7	RO08024I	Washer	1
8	TE08012IF	Screw	1
9	RIVE4.808I	Rivet	1
10	DIS0013306-R00	Bushing	1
11	BOCMCM2003	Bushing	2
12	DIS0013305-R00	Sliding door bracket	1

Rev. 170906

POS.	CODE	DESCRIPTION	N°
1	GP-380-R01	GP-380 step	1
2	DIS0014102-P00	GE-3 / GX-3 / GP-3 - Ford Custom bracket	1
3	DIS0014103-P00	GE-3 / GX-3 / GP-3 - Ford Custom bracket	1
4	INSCFTSCM8	Insert	3
5	INSCFTSCM10	Insert	1
6	INSCFTTEM10	Insert	1
7	RO08I	Washer	7
8	TE08025I	Screw	3
9	RO10I	Washer	1
10	TE10025I	Screw	1
11	DAAU08I	Nut	2
12	TE08030I	Screw	2
13	RO12I	Washer	4
14	TE12035I	Screw	2
15	DAAU12I	Nut	2

5.7.1 STAFGP3VWCR2 – DOOR MOUNTING BRACKET – LHD - RHD

POS.	CODE	DESCRIPTION	N°
1	DIS0013956-R00	Fixing plate	1
2	RO06I	Washer	4
3	TE06016I	Screw	4
4	VTBE0608I	Screw	2
5	RO08024I	Washer	1
6	TE08012IF	Screw	1
7	DIS0014117-P00	VW Crafter 2 > 02-2017 bracket	1
8	DIS0014118-P00	Cover VW Crafter 2 > 02-2017	1
9	INSCFTSCM6	Insert	2
10	BOCMCM2003	Bushing	2
11	DIS0014119-R00	Sliding door bracket	1
12	DIS0013306-R00	Bushing	1
13	RIVE4.808I	Rivet	1

POS.	CODE	DESCRIPTION	N°
1	DIS00141111-P00	GE-3 / GX-3 / GP-3 / Shining - (VW Crafter 2 > 02-2017) bracket	2
2	RO12I	Washer	4
3	DAAU12I	Nut	2
4	TE12035I	Screw	2
5	RO08I	Washer	10
6	DAAU08I	Nut	4
7	TE08030I	Screw	4
8	INSCFTSCM8	Insret	2
9	TE08025I	Screw	2

5.8.1 STAFGP3TRAN – DOOR MOUNTING BRACKET – LHD - RHD

[illegible]

POS.	CODE	DESCRIPTION	N°
1	DIS0014153-P00	Ford Transit > 2014 bracket	1
2	DIS0013956-R00	Fixing plate	2
3	RO06I	Washer	4
4	TE06016I	Screw	4
5	DIS0014154-P00	Cover	1
6	VTBE0608I	Screw	2
7	RO08024I	Washer	1
8	TE08012IF	Screw	1
9	BOCMCM2003	Bushing	2
10	DIS0013305-R00	Sliding door bracket	1
11	DIS0013306-R00	Bushing	1
12	RIVE4.808I	Rivet	1

POS.	CODE	DESCRIPTION	N°
1	DIS0014150-P00	Ford Transit > 2014 GE-3 - GX-3 - GP-3 bracket	2
2	INSCFTTCM8	Insert	4
3	TE08025I	Screw	10
4	RO08I	Washer	16
5	DAAU08I	Nut	6
6	TE12035I	Screw	2
7	RO12I	Washer	4
8	DAAU12I	Nut	2
9	DIS0014156-P00	Spacer	2

6 INSTRUCTIONS FOR USE

6.1 FUNCTIONING

The functioning of the GP-3 is completely automatic.

- **EXIT**

Open the sliding door completely up to the end of its stroke.



DO NOT STAND within the step's action radius during exit.

- **CLOSE**

Close the sliding door completely.

6.2 ANOMALIES



Interventions have to be performed by authorized and trained staff.

Should the problem persist, do not try personal solutions, but contact STEM's technical service; do this also in case of anomalies that are not mentioned in the following tables.

PROBLEM	CHECK	WHAT TO DO
The step does <u>NOT OPEN/CLOSE</u>	<ul style="list-style-type: none"> ◆ Whether the step was hit anywhere. ◆ The integrity of the step, verify the presence of all parts, especially in the leverage system 	Contact the Technical Service
The step does <u>HARDLY CLOSE/OPEN</u>	◆ Step's cleanness	Clean THE SLIDING PARTS
	◆ Whether the step was hit anywhere	Contact the Technical Service
The step <u>OPENS</u> during transport	◆ The integrity of the step, verify the presence of all parts, especially in the leverage system	Contact the Technical Service

* If the problem persists contact STEM's technical service

6.3 MAINTENANCE



Make sure all the maintenance operations are executed by authorized and trained staff, in particular regarding the electric parts

In case you note a non-conformity of the original product , put it out of service, until a repair or a component replacement has been performed.

For the assistance and the spare parts, please contact exclusively STEM

ORDINARY MAINTENANCE:

- Wash the step with a not aggressive water jet.
- Wash the step with a soft brush and a not aggressive detergent
- Rinse abundantly with water

EXTRAORDINARY MAINTENANCE:

- Wash the step with a not aggressive water jet.
- Treat the mechanical parts with a protective lubricating spray

Examples of suitable products:

Protective lubricating: WÜRTH HHS-Lube Sprühfett - 5000

CONDITIONS	MAINTENANCE	PERIODICITY
Summer time with not particularly dirty streets	ORDINARY	EVERY MONTH
	EXTRAORDINARY	1 TIME per season
Summer time with dirty streets (mud, rubble ecc) or Winter time without the streets' treatment with salt	ORDINARY	EVERY WEEK
	EXTRAORDINARY	EVERY 2 MONTHS
Places with polluted environment, with salty or humid air (coast areas) or Winter time with the streets' treatment with salt	ORDINARY	EVERY WEEK
	EXTRAORDINARY	EVERY 2 WEEK



7 TECHNICAL ASSISTANCE

7.1 ADDRESSES FOR TECHNICAL SERVICE

For service under warranty and/or the request of maintenance or repair interventions, or for any kind of information, the customer may contact the following STEM technical service centers:



**STEM S.r.l.-unipersonale – Strada Ghiaie, 12D
43014 Medesano – (Parma) - Italy**

	TELEFONO	TELEFAX	E-MAIL
STEM ITALIA (EUROPA-ASIA-AFRICA)	0525-430102 +39-0525-430102	0525-421341 +39-0525-421341	stem@stem.it

Most technical problems can be easily solved through minor operations; we therefore suggest to read this manual carefully before contacting our technical service.

If service intervention is needed, please clearly specify the type of identified anomaly and how it occurred in order to allow us to intervene in the most suitable way.

7.2 GP-3 STEPS SPARE PARTS

To order a spare part is necessary specify, the type of step, the identification number, the description of the component, the code and the required quantity must be given.

Step: Model / Description / Code > q.ty 1

Example:

Step: GP-360-SX / Bushing / DIS0004066-R04 > q.ty 1

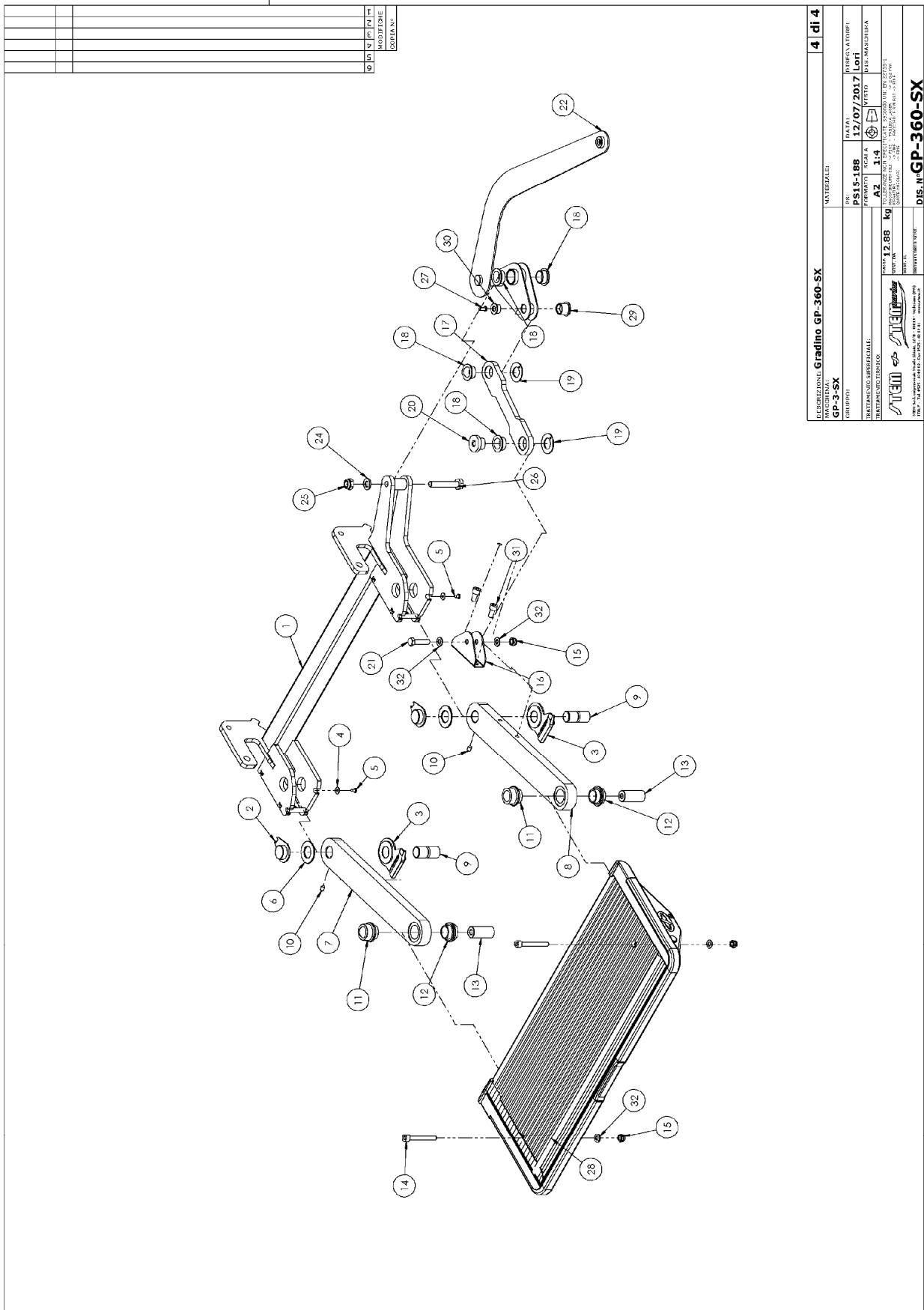
The shipment will be performed by STEM ex factory, cash upon delivery.

STEM grants the delivery of all of the spare parts within the shortest possible period of time, according to available stocks and the complexity of the spare part.



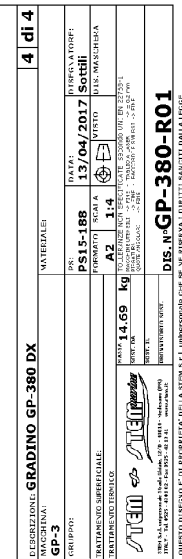
Use original spare parts only. The replacement of broken or worn original parts with poor quality or self-manufactured parts may cause serious damage to the step users and/or to the step functioning.

7.2.1 GP-360-SX - RHD



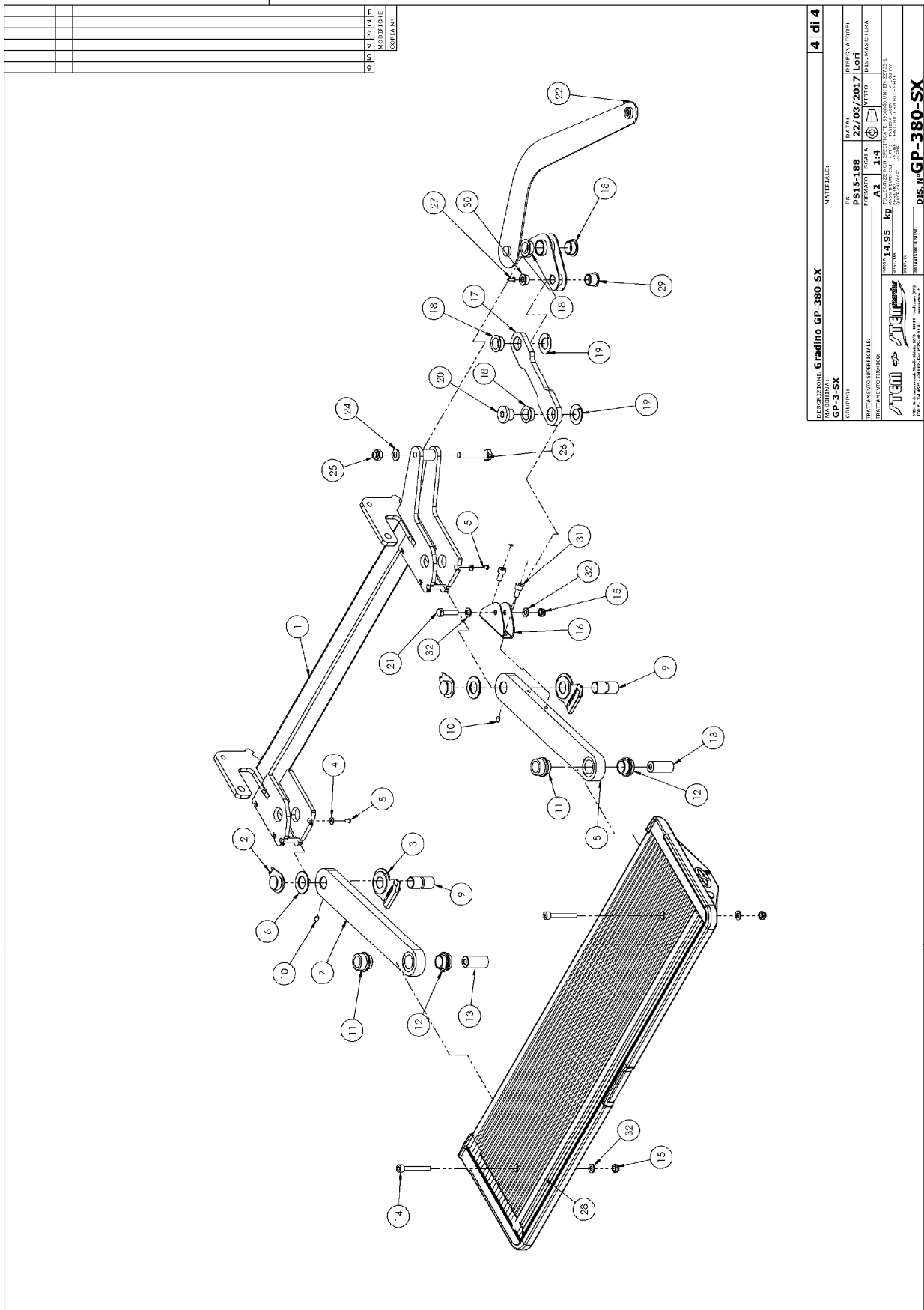
POS.	CODE	DESCRIPTION	N°
1	DIS0014029-R01	GP-3-SX 600 frame	1
2	DIS0004066-R04	Bushing	2
3	DIS0010538-R00	Bushing	2
4	RO04012I	Washer	2
5	VATC4295I	Screw	2
6	DIS0010537-R00	Bushing	2
7	DIS0014017-R00	Bracket	1
8	DIS0013320-R00	Bracket	1
9	DIS0004042-R03	Pin	2
10	GRPU0610I	Screw	2
11	DIS0010535-R00	Bushing	2
12	DIS0010536-R00	Bushing	2
13	DIS0006183-R01	Pin	2
14	TCEI08060I	Screw	2
15	DAAUBA08I	Nut	3
16	DIS0013319-R00	Support	1
17	DIS0013986-R00	Bracket	1
18	GFM-2023-11	Bearing	4
19	GTM-2036-015	Slewing	2
20	DIS0013977-R00	Spacer	1
21	TE08035I	Screw	1
22	DIS0013989-R00	GP-3 SX Bracket group	1
23	DIS0013999-R00	Pin	1
24	RO10I	Washer	1
25	DAAUBA10I	Nut	1
26	TE10060PI	Screw	1
27	RIVE4.812I	Rivet	1
28	DIS0013356-R01	GP-360 footboard group	1
29	DIS0014079-R00	Pin	1
30	DIS0014080-R00	Pin	1
31	TCEI08016I	Screw	2
32	RO08I	Washer	4

			1	MODIFICHE COPIA N°
			2	
			3	
			4	
			5	
			9	



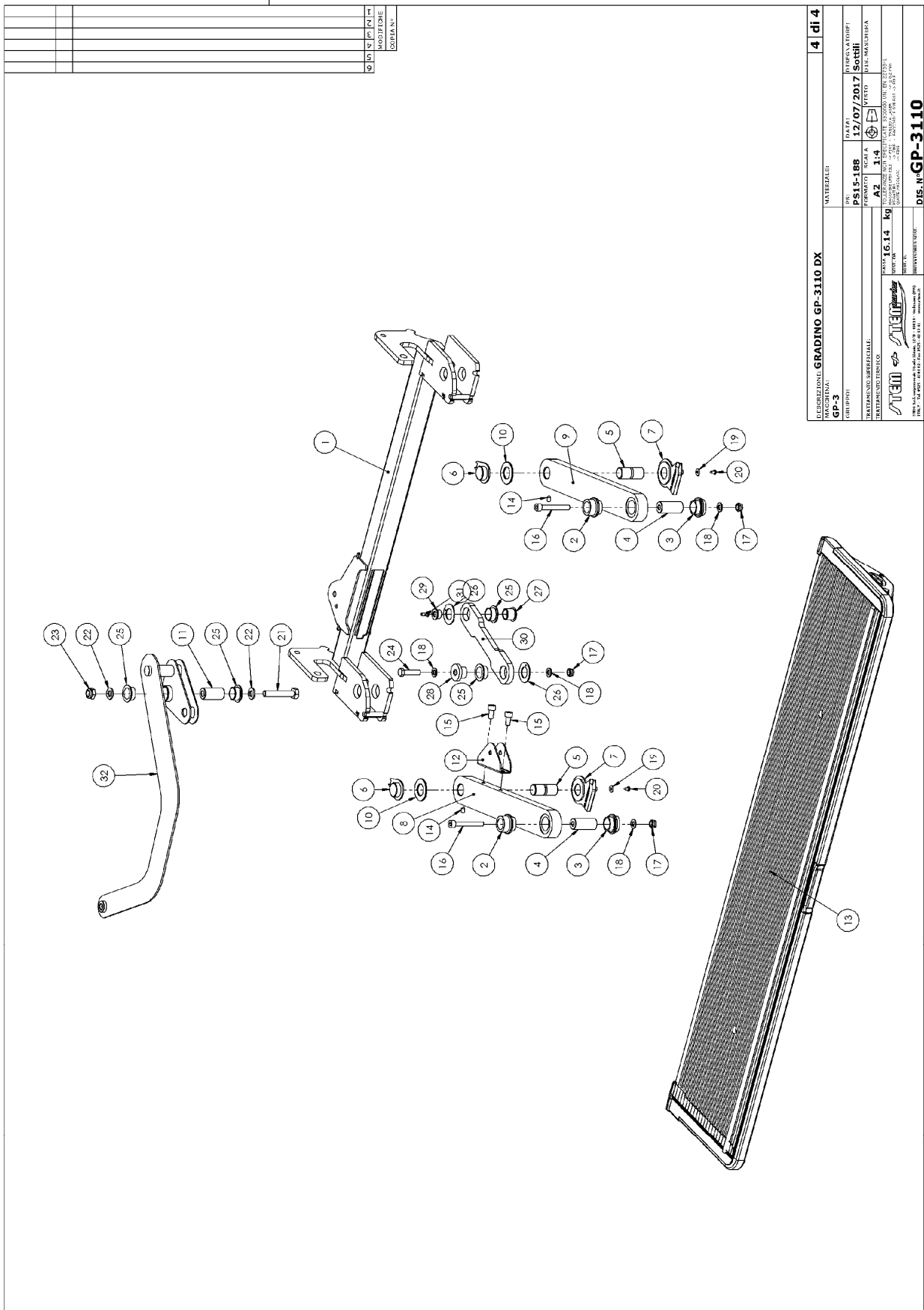
POS.	CODE	DESCRIPTION	N°
1	DIS0013975-R01	GP-3 800-1100 frame	1
2	DIS0010535-R00	Bushing	2
3	DIS0010536-R00	Bushing	2
4	DIS0006183-R01	Pin	2
5	DIS0004042-R03	Pin	2
6	DIS0004066-R04	Bushing	2
7	DIS0010538-R00	Bushing	2
8	DIS0013320-R00	Bracket	1
9	DIS0014017-R00	Bracket	1
10	DIS0010537-R00	Bushing	2
11	DIS0013337-R00	Pin	1
12	DIS0013319-R00	Support	1
13	DIS0013340-R01	GP-380 footboard group	1
14	GRPU0610I	Screw	2
15	TCEI08016I	Screw	2
16	TCEI08060I	Screw	2
17	DAAUBA08I	Nut	3
18	RO08I	Washer	4
19	RO04012I	Washer	2
20	VATC4295I	Screw	2
21	TE10060PI	Screw	1
22	RO10I	Washer	2
23	DAAUBA10I	Nut	1
24	TE08035I	Screw	1
25	GFM-2023-11	Bearing	4
26	GTM-2036-015	Slewing	2
27	DIS0014079-R00	Pin	1
28	DIS0013977-R00	Spacer	1
29	DIS0014080-R00	Pin	1
30	DIS0013986-R00	Bracket	1
31	RIVE4.812I	Rivet	1
32	DIS0013973-R01	GP-3 Bracket group	1

7.2.3 GP-380-SX - RHD



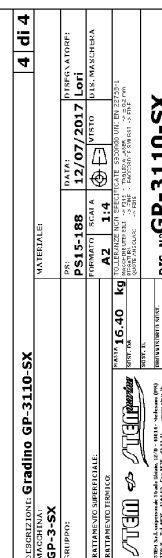
POS.	CODE	DESCRIPTION	N°
1	DIS0013993-R01	GP-3-SX 800-1100 frame	1
2	DIS0004066-R04	Bushing	2
3	DIS0010538-R00	Bushing	2
4	RO04012I	Washer	2
5	VATC4295I	Screw	2
6	DIS0010537-R00	Bushing	2
7	DIS0014017-R00	Bracket	1
8	DIS0013320-R00	Bracket	1
9	DIS0004042-R03	Pin	2
10	GRPU0610I	Screw	2
11	DIS0010535-R00	Bushing	2
12	DIS0010536-R00	Bushing	2
13	DIS0006183-R01	Pin	2
14	TCEI08060I	Screw	2
15	DAAUBA08I	Nut	3
16	DIS0013319-R00	Support	1
17	DIS0013986-R00	Bracket	1
18	GFM-2023-11	Bearing	4
19	GTM-2036-015	Slewing	2
20	DIS0013977-R00	Spacer	1
21	TE08035I	Screw	1
22	DIS0013989-R00	GP-3 SX Bracket group	1
23	DIS0013999-R00	Pin	1
24	RO10I	Washer	1
25	DAAUBA10I	Nut	1
26	TE10060PI	Screw	1
27	RIVE4.812I	Rivet	1
28	DIS0013340-R01	GP-380 footboard group	1
29	DIS0014079-R00	Pin	1
30	DIS0014080-R00	Pin	1
31	TCEI08016I	Screw	2
32	RO08I	Washer	4

7.2.4 GP-3110 - LHD


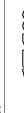


POS.	CODE	DESCRIPTION	N°
1	DIS0013975-R01	GP-3 800-1100 frame	1
2	DIS0010535-R00	Bushing	2
3	DIS0010536-R00	Bushing	2
4	DIS0006183-R01	Pin	2
5	DIS0004042-R03	Pin	2
6	DIS0004066-R04	Bushing	2
7	DIS0010538-R00	Bushing	2
8	DIS0013320-R00	Bracket	1
9	DIS0014017-R00	Bracket	1
10	DIS0010537-R00	Bushing	2
11	DIS0013337-R00	Pin	1
12	DIS0013319-R00	Support	1
13	DIS0013338-R00	GP-3110 footboard group	1
14	GRPU0610I	Screw	2
15	TCEI08016I	Screw	2
16	TCEI08060I	Screw	2
17	DAAUBA08I	Nut	3
18	RO08I	Washer	4
19	RO04012I	Washer	2
20	VATC4295I	Screw	2
21	TE10060PI	Screw	1
22	RO10I	Washer	2
23	DAAUBA10I	Nut	1
24	TE08035I	Screw	1
25	GFM-2023-11	Bearing	4
26	GTM-2036-015	Slewing	2
27	DIS0014079-R00	Pin	1
28	DIS0013977-R00	Spacer	1
29	DIS0014080-R00	Pin	1
30	DIS0013986-R00	Bracket	1
31	RIVE4.812I	Rivet	1
32	DIS0013973-R01	Bracket group	1

			1	MODIFICHE N° COPIA N°
			2	
			3	
			4	
			5	
			6	



POS.	CODICE	DESCRIZIONE	N°
1	DIS0013993-R01	GP-3-SX 800-1100 frame	1
2	DIS0004066-R04	Bushing	2
3	DIS0010538-R00	Bushing	2
4	RO04012I	Washer	2
5	VATC4295I	Screw	2
6	DIS0010537-R00	Bushing	2
7	DIS0014017-R00	Bracket	1
8	DIS0013320-R00	Bracket	1
9	DIS0004042-R03	Pin	2
10	GRPU0610I	Screw	2
11	DIS0010535-R00	Bushing	2
12	DIS0010536-R00	Bushing	2
13	DIS0006183-R01	Pin	2
14	TCEI08060I	Screw	2
15	DAAUBA08I	Nut	3
16	DIS0013319-R00	Support	1
17	DIS0013986-R00	Bracket	1
18	GFM-2023-11	Bearing	4
19	GTM-2036-015	Slewing	2
20	DIS0013977-R00	Spacer	1
21	TE08035I	Screw	1
22	DIS0013989-R00	GP-3 SX bracket group	1
23	DIS0013999-R00	Pin	1
24	RO10I	Washer	1
25	DAAUBA10I	Nut	1
26	TE10060PI	Screw	1
27	RIVE4.812I	Rivet	1
28	DIS0013338-R00	GP-3110 footboard group	1
29	DIS0014079-R00	Pin	1
30	DIS0014080-R00	Pin	1
31	TCEI08016I	Screw	2
32	RO08I	Washer	4

DESCRIZIONE: Assieme pedana GP-360		MATERIALE:		2 di 2	
MACCHINA: GP-3-SX		GRUPPO: PEDANA		DATA: 11/05/2017 DISSEGNO: Lori	
TRATTAMENTO SUPERFICIE:		PS: PS15-188 FORMATO SCALA: A3 1:5		Dis. MASCHERA VISTO	
TRATTAMENTO TECNICO:		MASSE: 3.49 kg SOST.TA: STEM		TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1 MASCHINE UTILIZZATE → FINE QUOTE ANGOLARI → FINE	
				SOST. VL PROVVEDIMENTI SOST. L SOST. L1 SOST. L2 SOST. L3 SOST. L4 SOST. L5 SOST. L6 SOST. L7 SOST. L8 SOST. L9 SOST. L10 SOST. L11 SOST. L12 SOST. L13 SOST. L14 SOST. L15 SOST. L16 SOST. L17 SOST. L18 SOST. L19 SOST. L20 SOST. L21 SOST. L22 SOST. L23 SOST. L24 SOST. L25 SOST. L26 SOST. L27 SOST. L28 SOST. L29 SOST. L30 SOST. L31 SOST. L32 SOST. L33 SOST. L34 SOST. L35 SOST. L36 SOST. L37 SOST. L38 SOST. L39 SOST. L40 SOST. L41 SOST. L42 SOST. L43 SOST. L44 SOST. L45 SOST. L46 SOST. L47 SOST. L48 SOST. L49 SOST. L50 SOST. L51 SOST. L52 SOST. L53 SOST. L54 SOST. L55 SOST. L56 SOST. L57 SOST. L58 SOST. L59 SOST. L60 SOST. L61 SOST. L62 SOST. L63 SOST. L64 SOST. L65 SOST. L66 SOST. L67 SOST. L68 SOST. L69 SOST. L70 SOST. L71 SOST. L72 SOST. L73 SOST. L74 SOST. L75 SOST. L76 SOST. L77 SOST. L78 SOST. L79 SOST. L80 SOST. L81 SOST. L82 SOST. L83 SOST. L84 SOST. L85 SOST. L86 SOST. L87 SOST. L88 SOST. L89 SOST. L90 SOST. L91 SOST. L92 SOST. L93 SOST. L94 SOST. L95 SOST. L96 SOST. L97 SOST. L98 SOST. L99 SOST. L100 SOST. L101 SOST. L102 SOST. L103 SOST. L104 SOST. L105 SOST. L106 SOST. L107 SOST. L108 SOST. L109 SOST. L110 SOST. L111 SOST. L112 SOST. L113 SOST. L114 SOST. L115 SOST. L116 SOST. L117 SOST. L118 SOST. L119 SOST. L120 SOST. L121 SOST. L122 SOST. L123 SOST. L124 SOST. L125 SOST. L126 SOST. L127 SOST. L128 SOST. L129 SOST. L130 SOST. L131 SOST. L132 SOST. L133 SOST. L134 SOST. L135 SOST. L136 SOST. L137 SOST. L138 SOST. L139 SOST. L140 SOST. L141 SOST. L142 SOST. L143 SOST. L144 SOST. L145 SOST. L146 SOST. L147 SOST. L148 SOST. L149 SOST. L150 SOST. L151 SOST. L152 SOST. L153 SOST. L154 SOST. L155 SOST. L156 SOST. L157 SOST. L158 SOST. L159 SOST. L160 SOST. L161 SOST. L162 SOST. L163 SOST. L164 SOST. L165 SOST. L166 SOST. L167 SOST. L168 SOST. L169 SOST. L170 SOST. L171 SOST. L172 SOST. L173 SOST. L174 SOST. L175 SOST. L176 SOST. L177 SOST. L178 SOST. L179 SOST. L180 SOST. L181 SOST. L182 SOST. L183 SOST. L184 SOST. L185 SOST. L186 SOST. L187 SOST. L188 SOST. L189 SOST. L190 SOST. L191 SOST. L192 SOST. L193 SOST. L194 SOST. L195 SOST. L196 SOST. L197 SOST. L198 SOST. L199 SOST. L200 SOST. L201 SOST. L202 SOST. L203 SOST. L204 SOST. L205 SOST. L206 SOST. L207 SOST. L208 SOST. L209 SOST. L210 SOST. L211 SOST. L212 SOST. L213 SOST. L214 SOST. L215 SOST. L216 SOST. L217 SOST. L218 SOST. L219 SOST. L220 SOST. L221 SOST. L222 SOST. L223 SOST. L224 SOST. L225 SOST. L226 SOST. L227 SOST. L228 SOST. L229 SOST. L230 SOST. L231 SOST. L232 SOST. L233 SOST. L234 SOST. L235 SOST. L236 SOST. L237 SOST. L238 SOST. L239 SOST. L240 SOST. L241 SOST. L242 SOST. L243 SOST. L244 SOST. L245 SOST. L246 SOST. L247 SOST. L248 SOST. L249 SOST. L250 SOST. L251 SOST. L252 SOST. L253 SOST. L254 SOST. L255 SOST. L256 SOST. L257 SOST. L258 SOST. L259 SOST. L260 SOST. L261 SOST. L262 SOST. L263 SOST. L264 SOST. L265 SOST. L266 SOST. L267 SOST. L268 SOST. L269 SOST. L270 SOST. L271 SOST. L272 SOST. L273 SOST. L274 SOST. L275 SOST. L276 SOST. L277 SOST. L278 SOST. L279 SOST. L280 SOST. L281 SOST. L282 SOST. L283 SOST. L284 SOST. L285 SOST. L286 SOST. L287 SOST. L288 SOST. L289 SOST. L290 SOST. L291 SOST. L292 SOST. L293 SOST. L294 SOST. L295 SOST. L296 SOST. L297 SOST. L298 SOST. L299 SOST. L300 SOST. L301 SOST. L302 SOST. L303 SOST. L304 SOST. L305 SOST. L306 SOST. L307 SOST. L308 SOST. L309 SOST. L310 SOST. L311 SOST. L312 SOST. L313 SOST. L314 SOST. L315 SOST. L316 SOST. L317 SOST. L318 SOST. L319 SOST. L320 SOST. L321 SOST. L322 SOST. L323 SOST. L324 SOST. L325 SOST. L326 SOST. L327 SOST. L328 SOST. L329 SOST. L330 SOST. L331 SOST. L332 SOST. L333 SOST. L334 SOST. L335 SOST. L336 SOST. L337 SOST. L338 SOST.	

QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. unipersonale CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

POS.	CODE	DESCRIPTION	N°
1	DIS0004069-R00	Side cover	1
2	DIS0004100-R00	Side cover	1
3	DIS0007012-R00	Light support group	2
4	DIS0009677-R01	Rubber profile	2
5	DIS0005354-R04	Rubber profile support	2
6	TONDOGOM14	Black rubber bar	1
7	TCEI05020I	Screw	8
8	VATC3995I	Screw	4
9	DIS0012209-R01	Front cover	1
10	DIS0011839-R00	Sticker	1
11	DIS0010338-R01	Alluminium footboard L=600	1
12	ANVIT2025M	Anti-vibration	1

7.2.7 FOOTBOARD GP-380 - DIS0013340-R01

	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> DESCRIZIONE: Assieme pedana 800 GP-3 </td> <td style="text-align: center;"> 2 di 2 </td> </tr> <tr> <td colspan="3" style="text-align: center;"> MATERIALE: </td> </tr> <tr> <td style="width: 33%;"> MACCHINA: GP-3 </td> <td style="width: 33%;"> PS: PS15-188 </td> <td style="width: 33%;"> DATA: 08/09/2016 </td> </tr> <tr> <td> GRUPPO: PEDANA </td> <td> FORMATO: A3 </td> <td> SCALE: 1:5 </td> </tr> <tr> <td> TRATTAMENTO SUPERFICIALE: </td> <td> TRATTAMENTO TERMICO: </td> <td> DISEGNATORE: Fanzaghi </td> </tr> <tr> <td colspan="2"> MASSA: 5.10 kg </td> <td> DIS. MASCHERA: </td> </tr> <tr> <td colspan="3"> TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1 </td> </tr> <tr> <td colspan="3"> NOTE: 1. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm 2. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm 3. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm </td> </tr> <tr> <td colspan="3"> QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. unipersonale che se ne riserva i diritti sanciti dalla legge </td> </tr> </table>	DESCRIZIONE: Assieme pedana 800 GP-3		2 di 2	MATERIALE:			MACCHINA: GP-3	PS: PS15-188	DATA: 08/09/2016	GRUPPO: PEDANA	FORMATO: A3	SCALE: 1:5	TRATTAMENTO SUPERFICIALE:	TRATTAMENTO TERMICO:	DISEGNATORE: Fanzaghi	MASSA: 5.10 kg		DIS. MASCHERA:	TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1			NOTE: 1. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm 2. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm 3. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm			QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. unipersonale che se ne riserva i diritti sanciti dalla legge		
DESCRIZIONE: Assieme pedana 800 GP-3		2 di 2																										
MATERIALE:																												
MACCHINA: GP-3	PS: PS15-188	DATA: 08/09/2016																										
GRUPPO: PEDANA	FORMATO: A3	SCALE: 1:5																										
TRATTAMENTO SUPERFICIALE:	TRATTAMENTO TERMICO:	DISEGNATORE: Fanzaghi																										
MASSA: 5.10 kg		DIS. MASCHERA:																										
TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1																												
NOTE: 1. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm 2. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm 3. Tolleranze dimensionali: > 100 mm - > 100 mm - > 100 mm																												
QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. unipersonale che se ne riserva i diritti sanciti dalla legge																												

POS.	CODE	DESCRIPTION	N°
1	DIS0004069-R00	Side cover	1
2	DIS0008286-R06	Alluminium footboard L=800	1
3	DIS0004100-R00	Side cover	1
4	DIS0007012-R00	Light support group	2
5	DIS0009677-R00	Rubber profile	2
6	DIS0005354-R04	Rubber profile support	2
7	TONDOGOM14	Black rubber bar	1
8	TCEI05020I	Screw	8
9	VATC3995I	SCrew	4
10	DIS0012209-R01	Front cover	1
11	DIS0011839-R00	Sticker	1
12	ANVIT2025M	Anti-vibration	1

[illegible]

POS.	CODE	DESCRIPTION	N°
1	DIS0004069-R00	Side cover	1
2	DIS0004100-R00	Side cover	1
3	DIS0007012-R00	Light support group	2
4	DIS0009677-R01	Rubber rofile	2
5	DIS0005354-R04	Rubber profile support	2
6	TONDOGOM14	Black rubber bar	1
7	TCEI05020I	Screw	8
8	VATC3995I	Screw	4
9	DIS0012209-R01	Front Cover	1
10	DIS0011839-R00	Sticker	1
11	DIS0008285-R05	Alluminium footboard L=1100	1
12	ANVIT2025M	Anti-vibration	1

8 DISMANTLING AND DISPOSAL

8.1 PUTTING OUT OF SERVICE AND DISMANTLING

At the end of its useful life the step has to be put out of service.
Generic technical personnel (with suitable training) can carry out this operation.



The step identification plate must be destroyed. It is absolutely prohibited to use such plate for other steps, even if identical.

8.2 SELECTIVE SEPARATION OF MATERIALS

The materials listed below have to be separated and stored to be recovered or disposed in full compliance with environment rules in force.

MATERIAL	COMPONENTS
Aluminum	Anti-slip footboard
Common steel (painted, galvanized and chromium-plated)	Pins, frames, and bolts and nuts
Plastic and rubber	Buffers, bushings, and casings
Stainless steel	Bolts and nuts

8.3 DISPOSAL

All of these materials have to be disposed of in full compliance with the rules in force in the country in question. For the correct disposal use special, authorized services for disposal and treatment or apply to relevant authority to get details about disposal methods and places.



Do not dispose of into the environment under any condition

9 REVISION

REVISION	DATE	REVISIONED PAGES
170906	06/09/2017	

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