

MAINTENANCE MANUAL
ORIGINAL MANUFACTURE'S INSTRUCTIONS

EQUIPMENT NAME: CARTMOB UNIVERSAL

APROVED FOR USE ON AIRCRAFTS:

AIRBUS H120, AIRBUS H125, AIRBUS H130, AIRBUS H135, AIRBUS H145, ROBINSON R44, ROBINSON R66, LEONARDO AW09, LEONARDO AW119, MD500, MD600, MD900, MD920, BELL 206JR, BELL 206LR, BELL 505, BELL 407, BELL 429

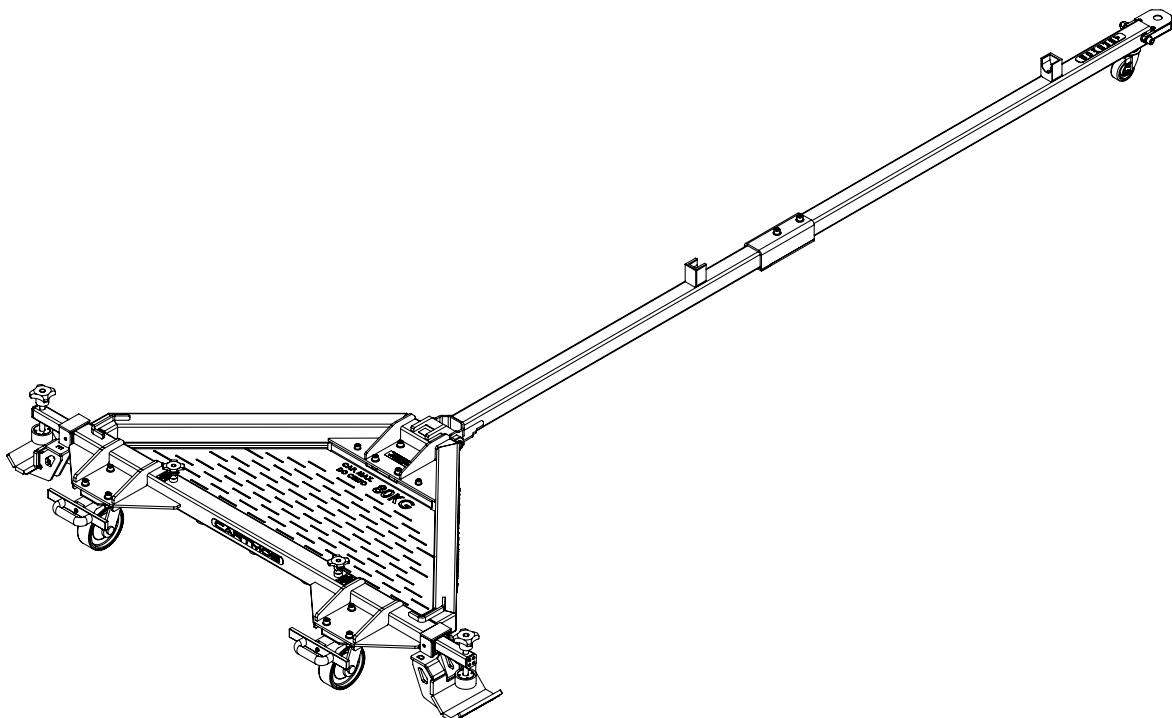
APPLICABLE TO EQUIPMENT PART NUMBERS:

AM-CRT-K02

AM-CRT-K03

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INTRODUCTION

The procedures set out in this document are designed to ensure that the maintenance actions applicable to this equipment are carried out correctly, to guarantee safe and efficient maintenance and operation of the equipment.

Keeping maintenance up to date will prevent accidents and stop the product from being idle due to faults. Cleaning, lubrication and inspections are basic conditions for proper operation.

Procedures marked with ** are carried out exclusively by authorized personnel. Procedures marked with ** and in *italics* are carried out exclusively by the equipment manufacturer and must not be performed during maintenance operations.

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www.aeromob-industry.com/support-am-crt

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INSPECTION PLAN

DESCRIPTION	CODE	PERIODICITY
Equipment cleaning	MM-AM-CRT, 3-1	Every six months
Lock assembly replacement	<u>MM-AM-CRT, 2-1</u>	2 years / 500 cycles

The other components are ON-CONDITION and must be in perfect condition. The equipment may only be used if it is complete and in perfect working order.

It is strictly forbidden and dangerous to use the equipment with any part, information plate or component missing. If any item or component needs to be replaced, contact Aeromob.

The equipment must contain all the items declared in the IPC so that the equipment is fit and safe for operation.

In addition to aesthetics, keeping the equipment clean is important for your safety. Dirt can cover up abnormalities that could potentially lead to faults. During cleaning, it is necessary to check for cracks, looseness, deformation, noise, misalignment and any other wear or irregular characteristic.

SECTION 1

TROUBLESHOOTING

TROUBLESHOOTING			
EFFECT	PROBLEM	POSSIBLE CAUSES	MAINTENANCE PROCEDURE
Wear on the swivel castor wheels	Castors dragging on the floor	Towing the equipment loaded with the helicopter without releasing the lock mechanism	<u>MM-AM-CRT, 8-1</u>
Scratches on the ski tube after towing	Wear on the protective rubber of the claw arm	Natural wear of the protective rubber of the claw arm	<u>MM-AM-CRT, 8-2</u>
Castors not locking	The pin doesn't fit in the swivel castor wheel slot	Broken pin / pin with excessive wear / broken spring	<u>MM-AM-CRT, 4-3</u>

SECTION 2

MAINTENANCE OPERATIONS

Maintenance Operation – Lock assembly replacement

[MM-AM-CRT, 2-1]

A. Applicable Documents

N/A

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

2x WELDED PIN BEARING (PN AM-CRT-S08) (1-1/4)
2x SIGNALLING STICK (PN AM-CRT-074) (1-1/5)
2x LOCK PIN (PN AM-CRT-073) (1-1/12)
2x ABS HANDLE (PN CA137 M8) (1-1/16)
2x COMP. SPRING Ø1,2 x Ø15 x 40 mm (PN MC 1,2X15X30) (1-1/17)
4x SS - HEX SOCKET COUNTERSUNK HEAD CAP SCREW M8 x 30 (PN DIN7991 M8X30) (1-1/18)
2x SS - FLAT WASHER M6 (PN INOX DIN125 M6) (1-1/19)
2x SS- HS BUTTON H SCREW M6 X16 (PN INOX DIN7380 M6X16) (1-1/24)

E. Job Set-up

E1. Do the procedure MM-AM-CRT, 4-1, F1, points [a.(1)], [a.(2)] e [b.] to remove the towbar and the telescopic arms.

E2. Do the procedure MM-AM-CRT, 4-2, F1 to remove the castors and the Lock Assemblies.

E3. Do the procedure MM-AM-CRT, 4-3, F2 to build-up the lock assemblies.

F. Procedure

F1. Lock assembly replacement

- a) Replace the two old lock assemblies with the new lock assemblies.

G. Close-up

G1. Do the procedure MM-AM-CRT, 4-2, F2 to install the castors and the lock assemblies.

G2. Do the procedures MM-AM-CRT, 4-1, F2, items [b.], [c.(1)], [c.(6)], [c.(7)] e [c.(8)] to install the towbar and the telescopic arms.

SECTION 3

ROUTINE MAINTENANCE

Routine Maintenance – Equipment Cleaning

[MM-AM-CRT, 3-1]

A. Applicable Documents

N/A

B. Special Tools

N/A

C. Materials

Kerosene.
Clean towel.

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Put the equipment in a well-lit area.

F. Procedure

F1. Equipment cleaning

- a. Put kerosene in the clean towel.
- b. Use the towel wet with kerosene to remove dirt from the equipment.

G. Close-up

N/A

SECTION 4

REMOVAL / INSTALLATION

Removal / Installation – Cartmob Universal Disassembly

[MM-AM-CRT, 4-1]

A. Applicable Documents

N/A

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

N/A

E. Job Set-up

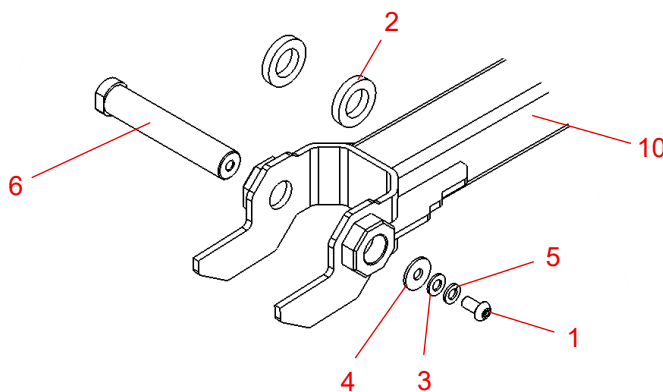
E1. Put the equipment in a well-lit area.

F. Procedure

F1. Removal

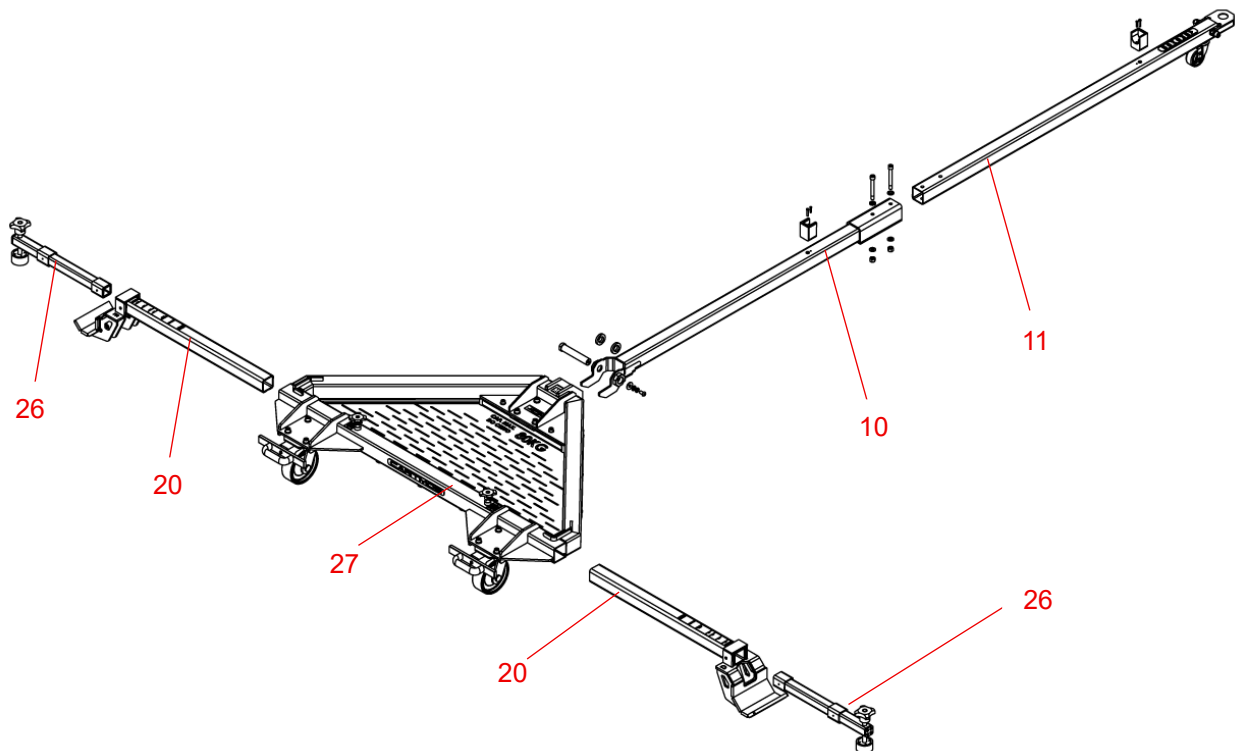
a. Towbar removal

- (1) Apply the heat blower for 1 to 2 minutes to melt the threadlocker glue on the screw (1). Loosen this screw and the washers (2), (3), (4) and (5) to release the pin (6).



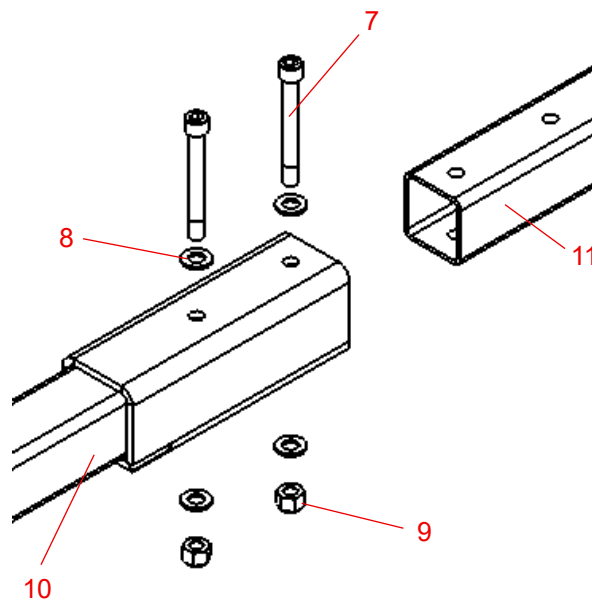
TOWBAR REMOVAL
Figure 401

- (2) Remove the pin (6) to disconnect the primary bar (10) from the frame structure (27).



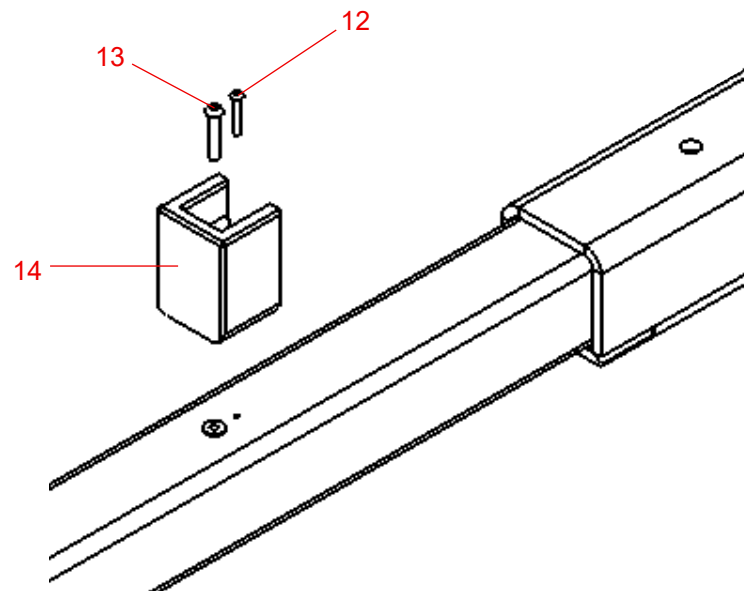
TOWBAR AND TELESCOPIC ARMS REMOVAL
Figure 402

- (3) Loosen the screws (7), washers (8) and nuts (9) to disconnect the primary bar (10) from the secondary bar (11).



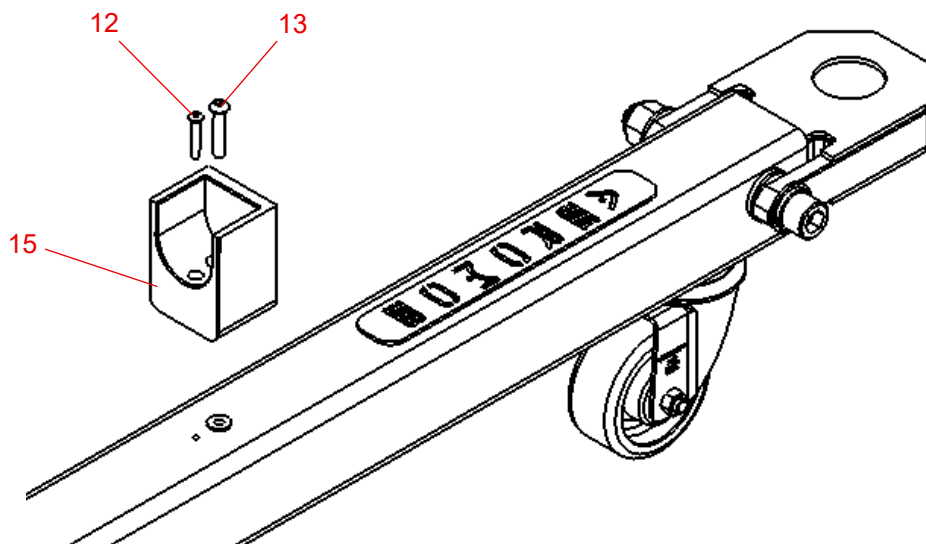
TOWBAR CONNECTION
Figure 403

- (4) Apply the heat blower for 1 to 2 minutes to melt the threadlocker glue on the screws (12) and (13). Loosen these screws to remove the bracket (14).



BRACKET REMOVAL (1)
Figure 404

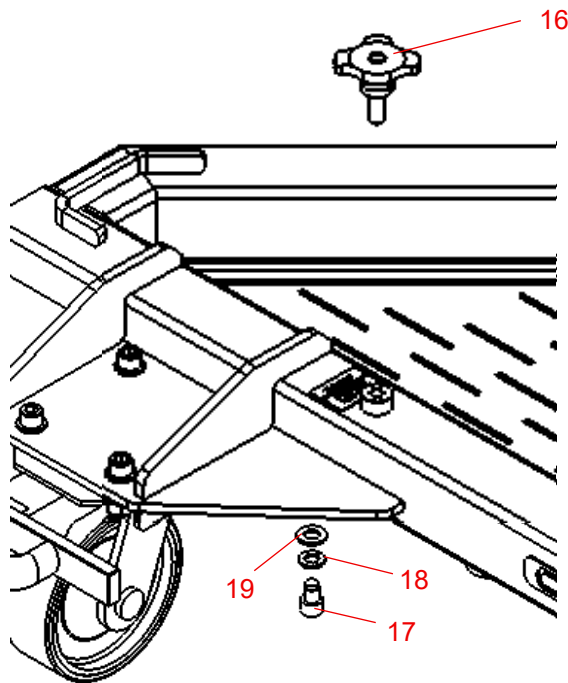
- (5) Apply the heat blower for 1 to 2 minutes to melt the threadlocker glue on the screws (12) and (13). Loosen these screws to remove the bracket (15).



BRACKET REMOVAL (2)
Figure 405

b. Telescopic Arms removal

- (1) Remove the black knobs (16).
- (2) Put the frame structure (27) against a clean and well-lit worktop, with the swivel castor wheels up.
- (3) Apply the heat blower for 1 to 2 minutes to melt the threadlocker glue on the screw (17). Loosen this screw and the washers (18) and (19) to release the movement of the telescopic arm (20).

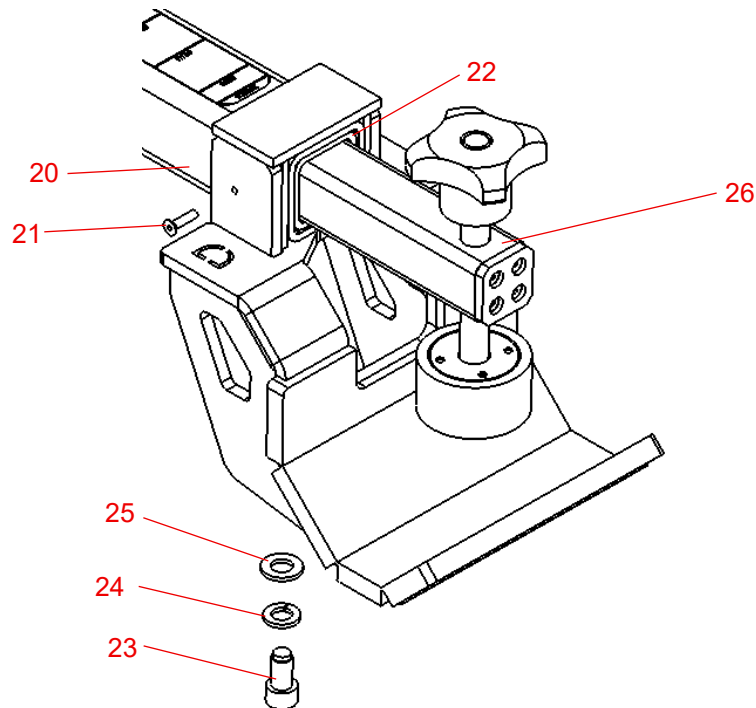


TELESCOPIC ARM REMOVAL
Figure 406

- (4) Remove the telescopic arm (20).
- (5) Repeat this operation on the other side.

c. Locking Arm removal

- (1) Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (21). Loosen these screws to release the movement of the sleeve (22).
- (2) Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screw (23). Loosen this screw and the washers (24) and (25) to release the movement of the Locking Arm (26).



LOCKING ARM REMOVAL AND INSTALLATION
Figure 407

- (3) Remove the Locking Arm (26).
- (4) Repeat this operation on the other side.

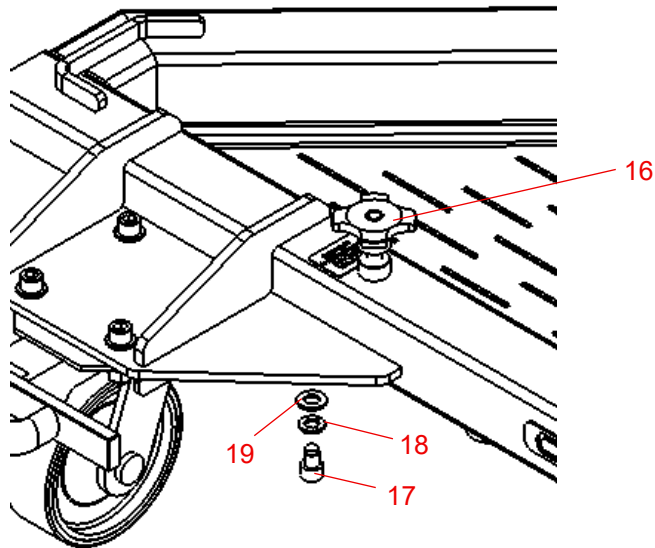
F2. Installation

a. Locking Arm installation

- (1) Install the locking arm (26) into the socket on the telescopic arm (20).
- (2) Apply threadlocker glue to the screw (23). Tighten this screw with the washers (24) and (25) to keep the Locking Arm (26) connected to the socket.
- (3) Repeat this operation on the other side.

b. Telescopic Arm installation

- (1) Put the frame structure (27) against a clean and well-lit worktop, with the swivel castor wheels up.
- (2) Install the Telescopic Arm (20) into the Frame Structure socket (27).

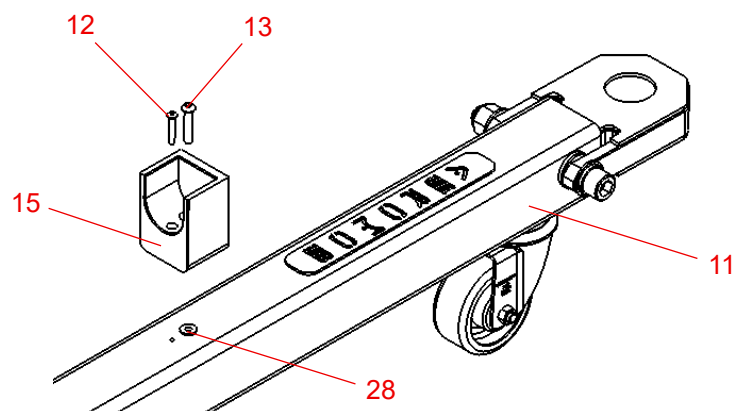


TELESCOPIC ARM INSTALLATION
Figure 408

- (3) Apply threadlocker glue to the screws (17). Tighten these screws with the washers (18) and (19) to keep the telescopic arm (20) connected to the socket.
- (4) Twist the black knob [8] to lock the telescopic arm when towing the Cartmob Universal across longer distances, to avoid excessive vibrations.
- (5) Repeat this operation on the other side.

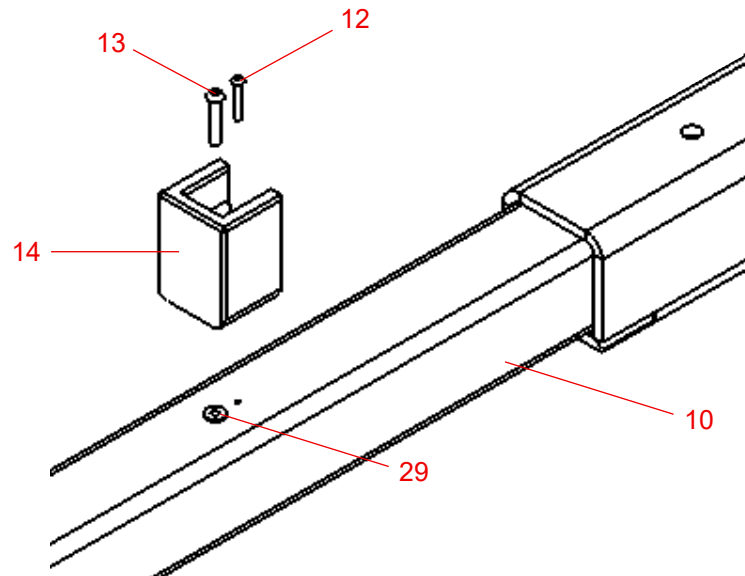
c. Towbar installation

- (1) Put the set assembled in steps (a) and (b) against the floor.
- (2) Apply threadlocker glue to screws (12) and (13). Tighten the screw (12) in the threaded hole and the screw (13) in the rivet (28) to connect the bracket (15) to the secondary bar (11).



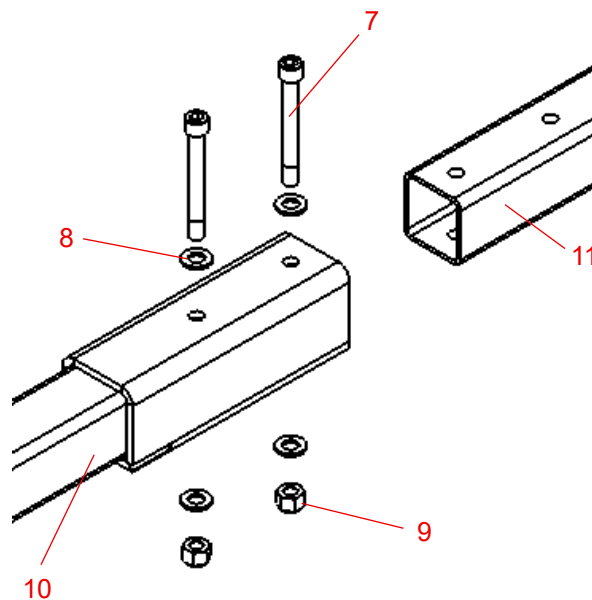
BRACKET INSTALLATION (2)
Figure 409

- (3) Apply threadlocker glue to screws (12) and (13). Tighten the screw (12) in the threaded hole and the screw (13) in the rivet (29) to connect the bracket (14) to the primary bar (10).



BRACKET INSTALLATION (1)
Figure 410

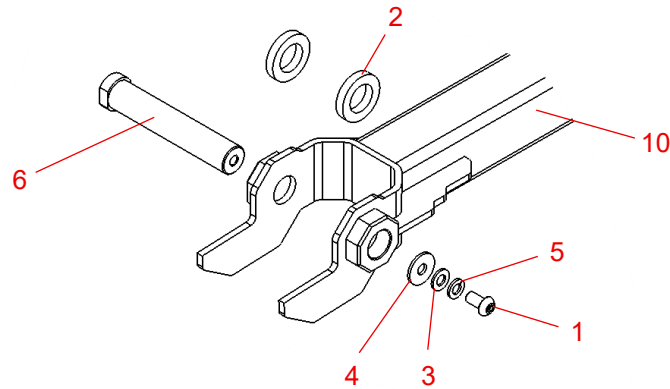
- (4) Install the end of the secondary bar (11) into the socket on the primary bar (10).



TOWBAR INSTALLATION
Figure 411

- (5) Apply threadlocker glue to the screws (7). Tighten these screws with the washers (8) and nuts (9) to connect the primary bar (10) and the secondary bar (11).
- (6) Make sure the towbar is aligned with the ground. If it is angled, the connection will not be correct.

- (7) Apply grease on the pin (6).
- (8) Insert the pin (6) to connect the towbar bearing to the frame structure bearing. Push the pin (6) using your hand. Do not apply excessive force or use percussion tools to insert the pin. Slowly twist and move the towbar to until the pin is fully inserted with your hand.
- (9) Apply threadlocker glue to the screw (1). Tighten this screw with the washers (2), (3), (4) and (5) to connect the primary bar (10) to the frame structure (27).



TOWBAR CONNECTION TO THE FRAME STRUCTURE
Figure 412

G. Close-up

N/A

Removal / Installation – Castors and Lock Assemblies

[MM-AM-CRT, 4-2]

A. Applicable Documents

N/A

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Do procedure MM-AM-CRT, 4-1, F1, points [a.(1)], [a.(2)] and [b.] to remove the towbar and the telescopic arms.

E2. Put the Cartmob Universal frame structure against a suitable surface, bottom face up.

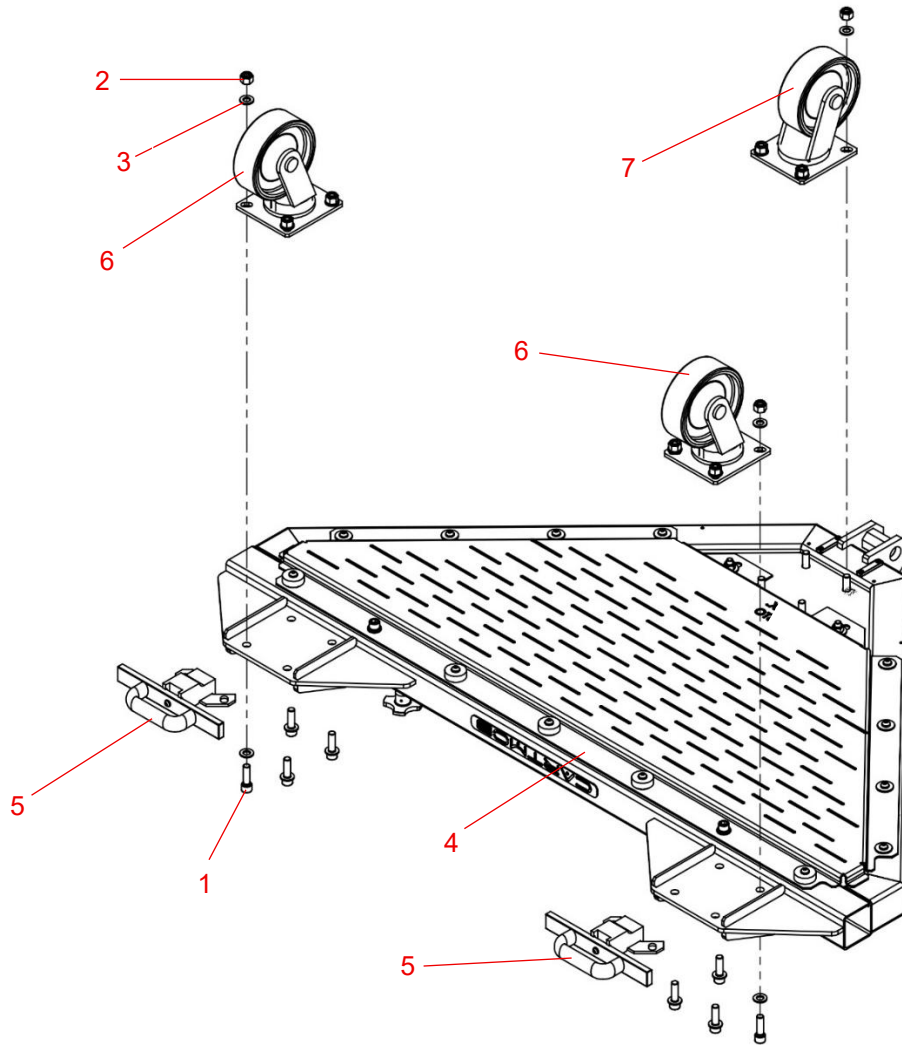
F. Procedure

F1. Removal

- a. Loosen the screws (1), nuts (2) and washers (3) to remove the front castor (7).
- b. Loosen the screws (1), nuts (2) and washers (3) to remove the rear castors (6), and the lock assemblies (5).

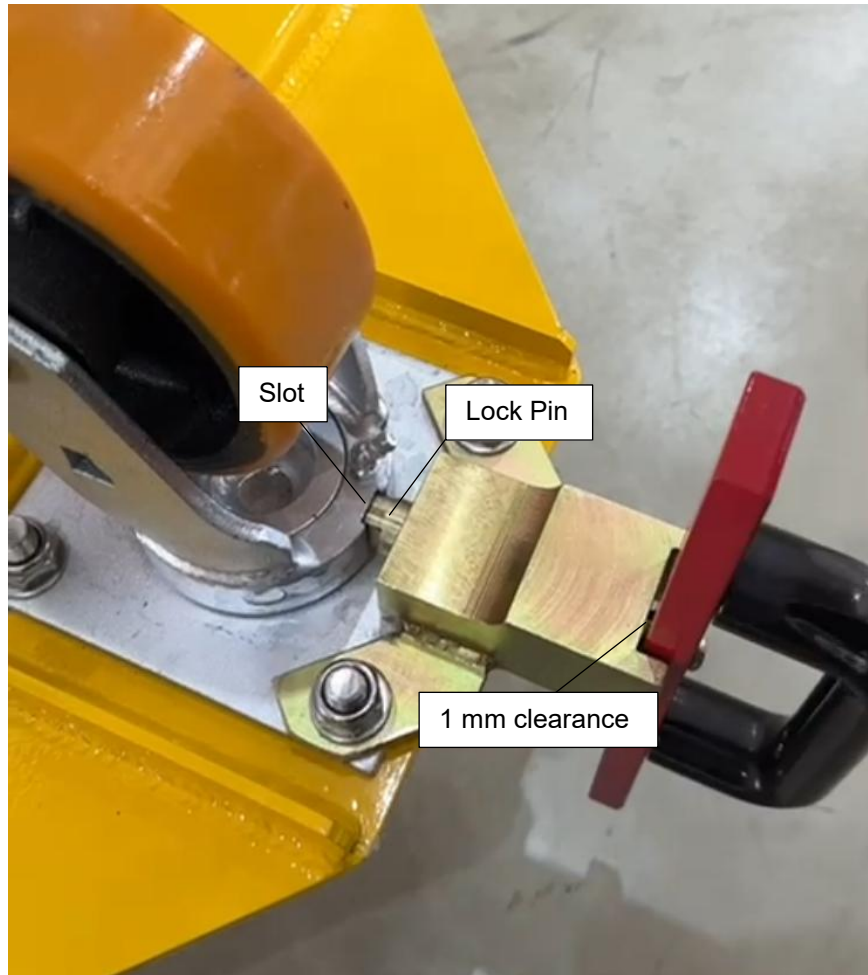
F2. Installation

- a. Tighten the screws (1) with the nuts (2) and washers (3) to assemble the front castor (7) to the frame structure (4).
- b. Insert the screws (1) with the nuts (2) and washers (3) to assemble the aft castors (6) and the locking latch assembly (5) to the frame structure (4). Do not tighten the screws yet.



CASTORS AND LOCK ASSEMBLY INSTALLATION
Figure 413

- c. Before tightening the screws (1), make sure the lock pin is aligned with the Castor slot. The clearance between the red latch and the bearing should be about 1 mm. This ensures the Castor locking mechanism works correctly.



CASTOR LOCK MECHANISM
Figure 414

- d. Tighten the screws (1).

G. Close-up

G1. Do procedures MM-AM-CRT, 4-1, F2, steps [b.], [c.(1)], [c.(6)], [c.(7)] e [c.(8)] to install the towbar and the telescopic arms.

Tear-down / Build-up – Lock Assembly

[MM-AM-CRT, 4-3]

A. Applicable Documents

N/A

B. Special Tools

Thermal Blower (1800 W)
Steel brush.

C. Materials

Threadlocker glue.

D. Routine Replacement Parts

N/A

E. Job Set-up

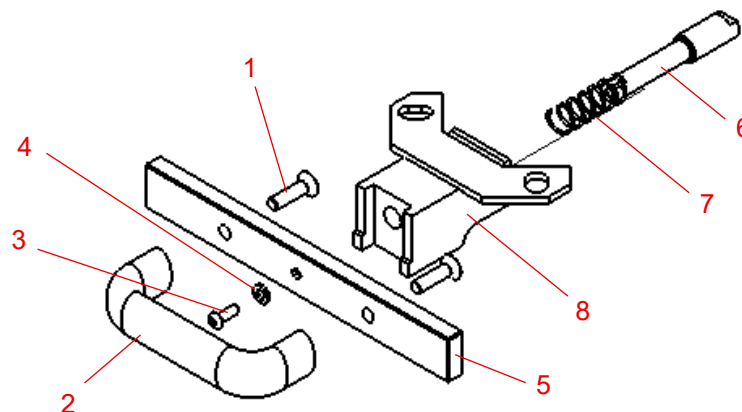
E1. Do the procedure MM-AM-CRT, 4-1, F1, points [a.(1)], [a.(2)] e [b.] to remove the towbar and the telescopic arms.

E2. Do the procedure MM-AM-CRT, 4-2, F1 to remove the castors and the Lock Assemblies.

F. Procedure

F1. Lock Assembly Tear-down

- a. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screw (1). Loosen this screw to remove the handle (2).



TEAR-DOWN / BUILD-UP LOCK ASSEMBLY
Figure 415

- b. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screw (3). Loosen this screw and the washer (4) to dismantle the latch (5), pin (6), spring (7) and bearing (8).
- c. Repeat the operation for the other lock assembly.

F2. Lock Assembly Build-up

- a. Install the pin (6) and the spring (7) into the bearing (8).
- b. Insert the center hole of the beacon (5) into the pin (6). The latch (5) will fit into the recess in the bearing (8).
- c. Apply threadlocker glue to the screw (3). Tighten this screw with the washer (4) to attach the latch to the pin (6).
- d. Apply threadlocker glue to the screws (1). Tighten these screws to secure the handle (2) to the latch (5).
- e. Repeat this operation for the other lock assembly.

G. Close-up

G1. Do the procedure MM-AM-CRT, 4-2, F2 to install the castors and the lock assemblies.

G2. Do the procedures MM-AM-CRT, 4-1, F2, items [b.], [c.(1)], [c.(6)], [c.(7)] e [c.(8)] to install the towbar and the telescopic arms.

Tear-down / Build-up – Frame Structure

[MM-AM-CRT, 4-4]

A. Applicable Documents

N/A

B. Special Tools

Thermal Blower (1800 W)
Steel brush.

C. Materials

Threadlocker glue.

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Do the procedure MM-AM-CRT, 4-1, F1, points [a.(1)], [a.(2)] e [b.] to remove the towbar and the telescopic arms.

E2. Do the procedure MM-AM-CRT, 4-2, F1 to remove the castors and the Lock Assemblies.

E3. Put the disassembled set on a clean, rubberized and well-lit worktop.

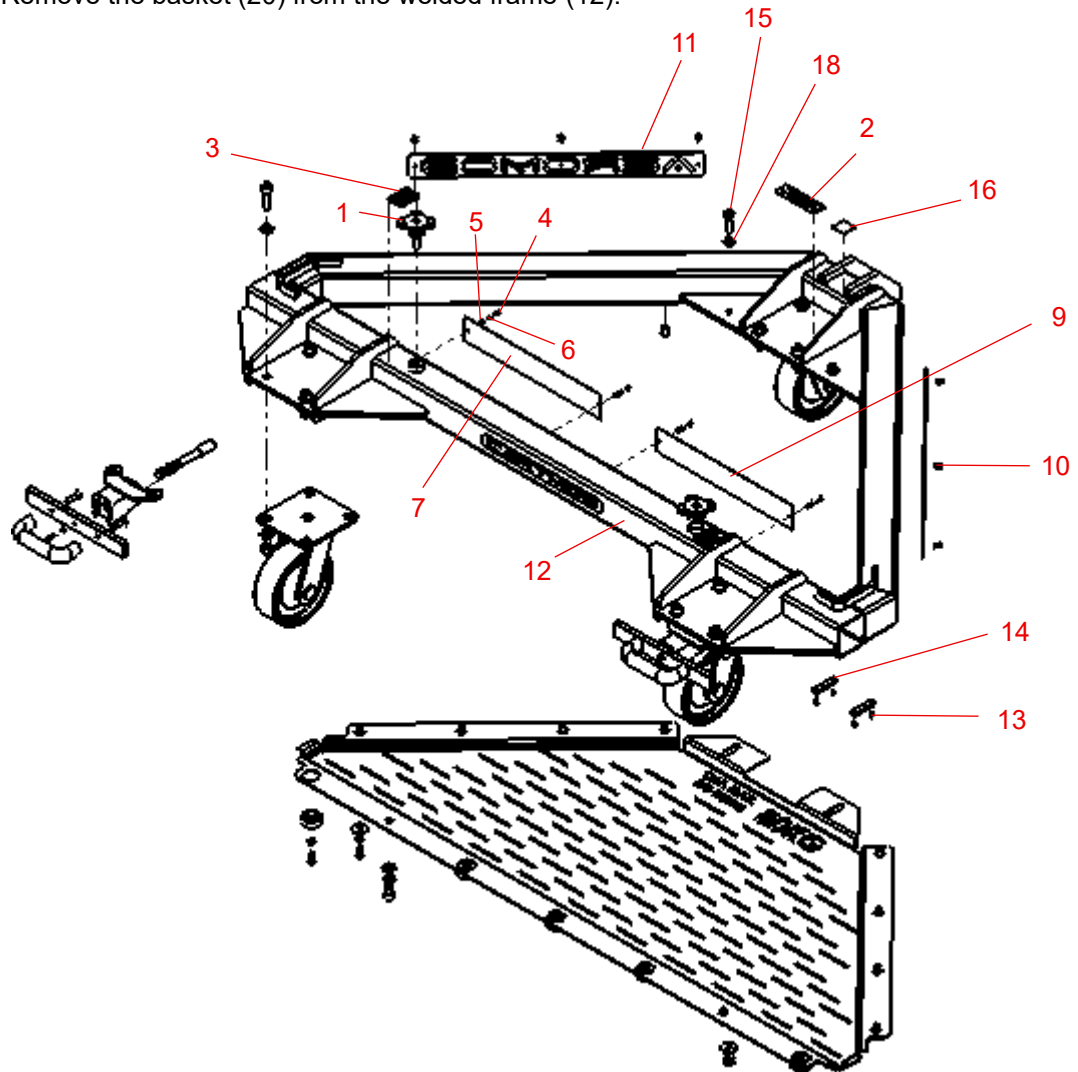
E4. To dismantle, place the set face up, with the bottom of the basket against the worktop. To assemble, place the set face down, with the caster holes facing upwards.

F. Procedure

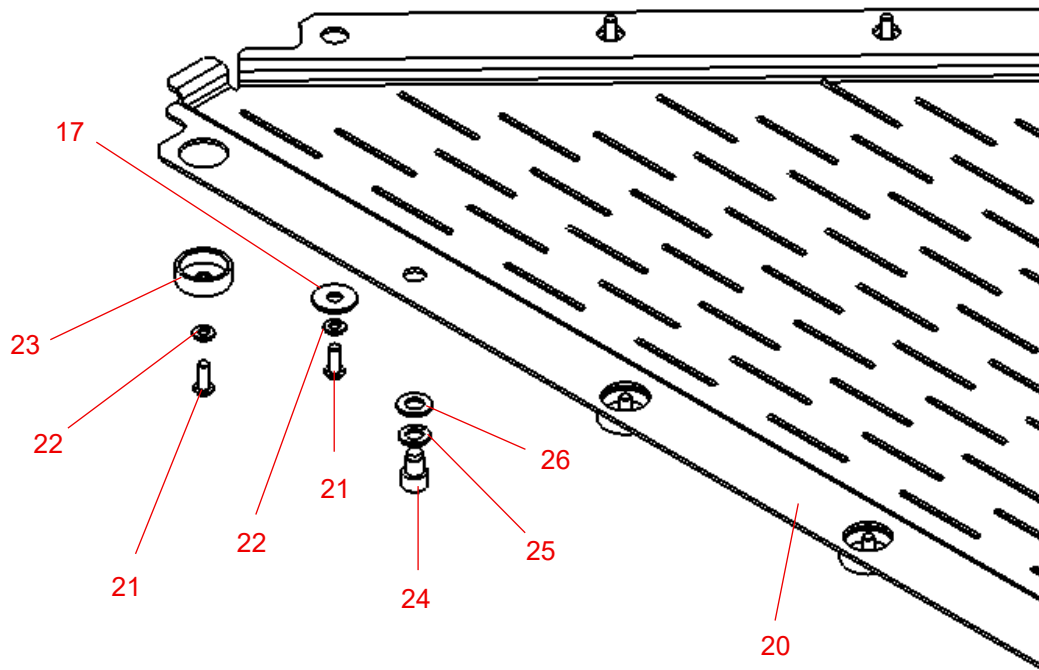
F1. Tear-down

- a. Remove the black knobs (1).
- b. Apply the heat blower to the metallic tags (2), (16) and instruction tags (3) until the glue melts. Remove the tags.
- c. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (4). Loosen these screws and the washers (5) and (6) to remove the plate (7).
- d. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (4). Loosen these screws and the washers (5) and (6) to remove the plate (9).
- e. Place the assembly face down, with the caster holes facing upwards.
- f. Apply the thermal blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (10). Remove these screws to remove the Aeromob plates (11) from the welded frame (12).

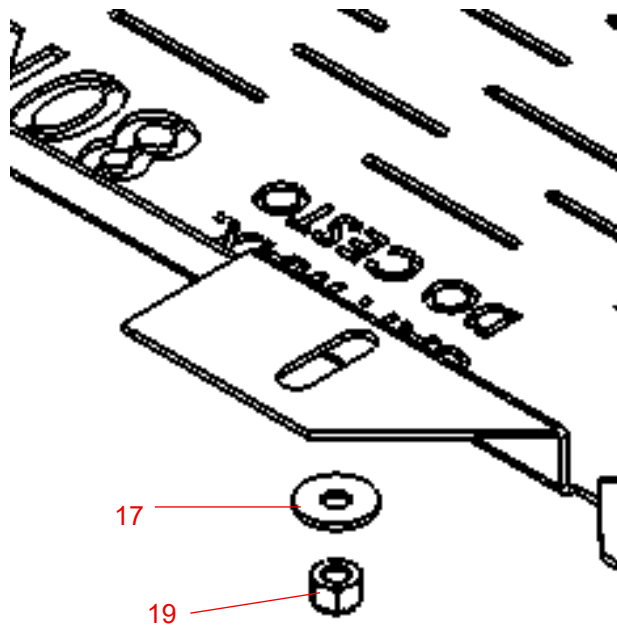
- g. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (13). Loosen these screws to remove the lower stops (14) from the front of the welded frame (12).
- h. Loosen the screws (15), washers (17) and (18) and nuts (19) to release the front of the basket (20).
- i. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (21). Loosen these screws, the washers (22) and the bushes (23) to release the back of the basket (20).
- j. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (21) and the washers (22) and (17) to release the sides of the basket (20).
- k. Remove the basket (20) from the welded frame (12).



TEAR-DOWN / BUILD-UP – FRAME STRUCTURE
Figure 416



BASKET FASTENERS
Figure 417



FRONTAL BASKET FASTENER
Figure 418

F2. Build-up

- a. **** Install the REBR M8x18 rivets in the lower holes of the welded frame (12). The basket (20) will be screwed onto these rivets.**
- b. Place the basket (20) on the welded frame (12).
- c. Apply threadlocker glue to the screws (21). Tighten these screws with the washers (22) and (17) to secure the sides of the basket (20) to the welded frame (12).
- d. Place the bushes (23) on the ledges on the front of the welded frame (12).
- e. Apply threadlocker glue to the screws (21). Tighten these screws with the washers (22) and bushings (23) to secure the back of the basket to the welded frame (12).
- f. Tighten the screws (15) with the washers (17) and (18) and the nuts (19) to mount the basket (20) on the welded frame (12).
- g. Apply threadlocker glue to the screws (13). Tighten these screws to secure the lower stops (14) to the front of the welded frame (12).
- h. Apply threadlocker glue to the screws (10). Tighten these screws to secure the Aeromob plates (11) to the welded frame (12).
- i. Place the assembly facing upwards, with the bottom of the basket against the worktop.
- j. Apply threadlocker glue to the screws (4). Tighten these screws with the washers (5) and (6) to secure the plate (9). The plate should be as shown in Figure 419.
- k. Apply threadlocker glue to the screws (4). Tighten these screws with the washers (5) and (6) to secure the plate (7). The plate should be as shown in Figure 419.
- l. Stick the instruction tags (3) onto the welded frame (12). They must be centered and facing away from the UNIVERSAL CARTMOB. The tag should be as shown in Figure 420.
- m. Stick the QR-CODE label (16) centrally on the front of the welded frame (12). The tag must be centered and facing forward. The plate should look like Figure 421.
- n. Stick the product identification plate (2) onto the welded frame (12). The plate must be centered between the caster bolt holes and facing forward. The plate must be as shown in Figure 421.
- o. Fit the black knobs (1) into the holes in the welded frame (12).

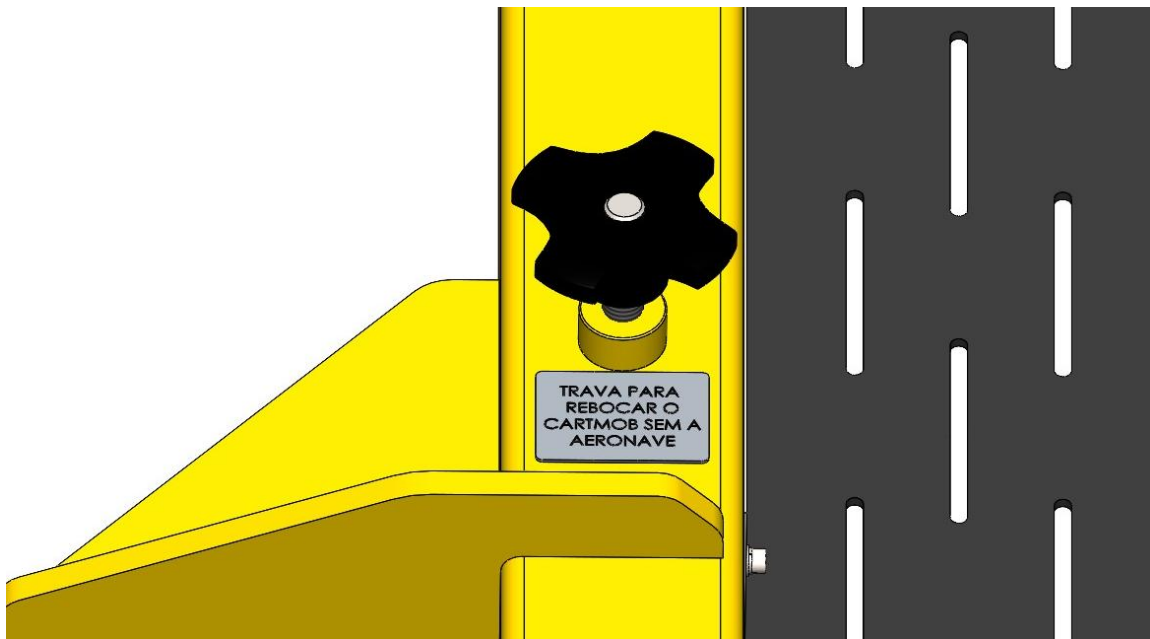
G. Close-up

G1. Do the procedure MM-AM-CRT, 4-2, F2 to install the castors and the lock assemblies.

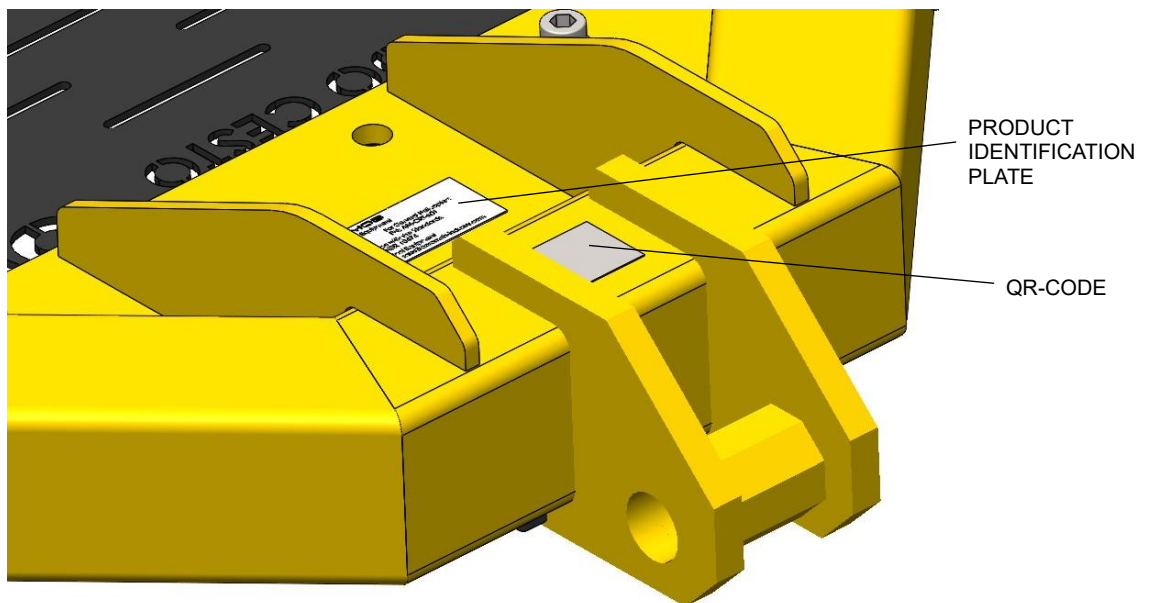
G2. Do the procedures MM-AM-CRT, 4-1, F2, steps [b.], [c.(1)], [c.(6)], [c.(7)] e [c.(8)] to install the towbar and the telescopic arms.



PLATE POSITIONING (FRONTAL VIEW)
Figure 419



INSTRUCTIONAL TAG
Figure 420



PRODUCT PLATES POSITIONING
Figure 421

Tear-down / Build-up – Claw Arm

[MM-AM-CRT, 4-5]

A. Applicable Documents

N/A

B. Special Tools

Thermal Blower (1800 W)
(2x) FM-CRT-F01.
(2x) Clamps

C. Materials

Contact glue.
Alcohol.

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Do the procedure MM-AM-CRT, 4-1, F1, steps [a.(1)], [a.(2)], [b.] and [c.] to remove the towbar, telescopic arms and the Locking Arms.

E2. Put the disassembled set on a clean, rubberized and well-lit worktop.

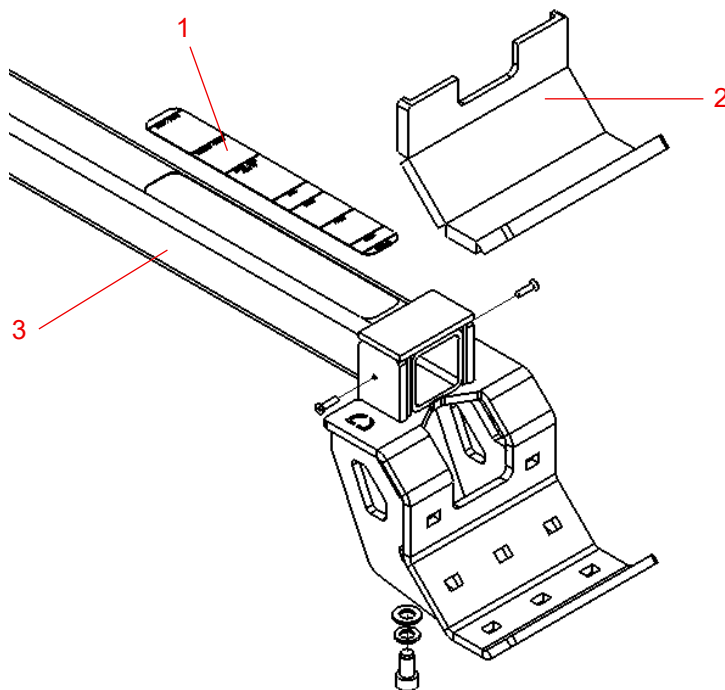
F. Procedure

F1. Tear-down

- a. Apply the heat blower to the skid identification plate (1) until the glue is loosened. Remove the plate.

F2. Build-up

- a. **** Glue the protective rubber (2) onto the claw of the welded rail (3). Do the steps that follow:**



CLAW ARM
Figure 422

- (1) Spread contact glue on the claw of the welded rail (3) and on the underside of the protective rubber (2).
 - (2) Wait 10 minutes.
 - (3) Put the protective rubber (2) against the welded rail claw (3).
 - (4) Attach the FM-CRT-F01 tool to the protective rubber (2) with the clamp.
 - (5) Let the contact glue dry for 24 hours.
 - (6) After 24 hours, remove the clamp and the FM-CRT-F01 tool.
- b. Clean the recess in the welded rail (3) with alcohol.
 - c. Apply the heat blower on the recess in the welded rail (3) to prepare the surface.
 - d. Remove the protective layer behind the skid identification plate (1) to reveal the glue. Attach the skid identification plate (1) into the recess in the welded rail (3). The text on the plate must be facing the claw.

G. Close-up

G1. Do the procedures MM-AM-CRT, 4-1, F2, items [a.], [b.], [c.(1)], [c.(6)], [c.(7)] e [c.(8)] to install the Locking Arms, the telescopic arms and the towbar.

Tear-down / Build-up – Locking Arm

[MM-AM-CRT, 4-6]

A. Applicable Documents

N/A

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Do the procedure MM-AM-CRT, 4-1, F1, steps [a.(1)], [a.(2)], [b.] and [c.] to remove the towbar, telescopic arms and the Locking Arms.

F. Procedure

F1. Tear-down

- a. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (1). Loosen these screws and the washers (2) to remove the skid support (3).
- b. Apply the heat blower for 1 to 2 minutes to loosen the threadlocker glue from the screws (4). Loosen these screws to remove the stop (5) from the Locking Arm (6).
- c. Remove the cotter pin (7) from the hole in the threaded bush (8) and the red knob (9) to release the threaded bush (8).
- d. Remove the threaded bushing (8) and spacer washer (11) from the red knob (9).
- e. Remove the red knob (9) from the locking arm (6).
- f. Remove the cotter pin (12) to release the slide bushing (13).
- g. Remove the slide bushing (13) from the locking arm (6).

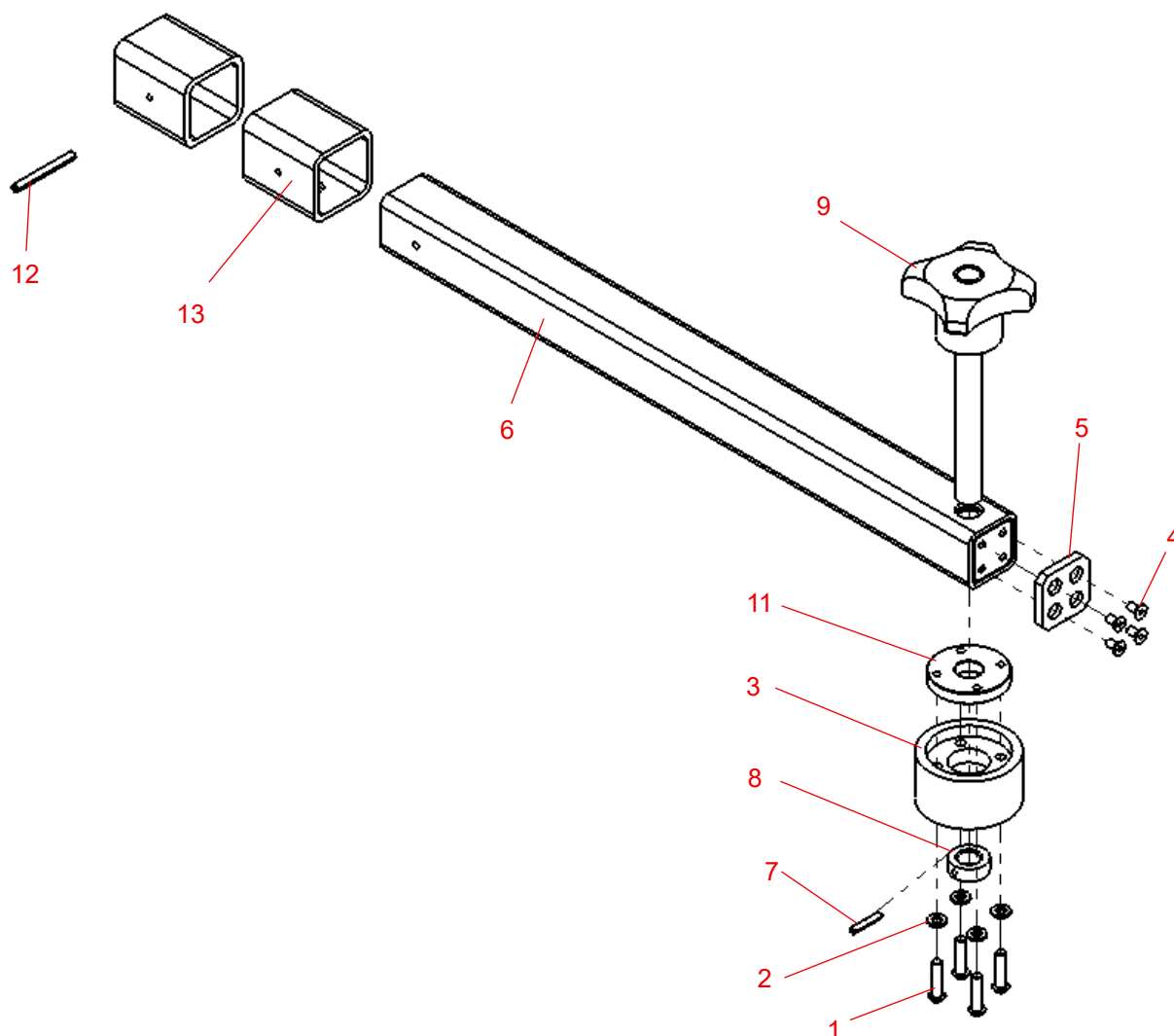
F2. Build-up

- a. Install the slide bushing (13) on the locking arm (6).
- b. Install the cotter pin (12) to lock one of the slide bushing (13) into the end of the locking arm (6).
- c. Insert the red knob (9) into the hole in the locking arm (6).

MM-AM-CRT, 4-6

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- d. Place the threaded bushing (8) with the spacer washer (11) on the red knob (9).
- e. Place the cotter pin (7) to lock the threaded bushing (8) on the red knob (9).
- f. Apply threadlocker glue to the screws (4). Tighten these screws to connect the stop (5) to the locking arm (6).
- g. Apply threadlocker glue to the screws (1). Tighten these screws with the washers (2) to secure the skid support (3) to the spacer washer (11).



LOCKING ARM ASSEMBLY
Figure 423

G. Close-up

G1. Do the procedures MM-AM-CRT, 4-1, F2, items [a.], [b.], [c.(1)], [c.(6)], [c.(7)] e [c.(8)] to install the Locking Arms, the telescopic arms and the towbar.

Tear-down / Build-up – Towbar

[MM-AM-CRT, 4-7]

A. Applicable Documents

N/A

B. Special Tools

N/A

C. Materials

Contact glue.

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Do the procedure MM-AM-CRT, 4-1, F1, points [a.] e [b.] to remove the towbar and the telescopic arms.

F. Procedure

F1. Tear-down

- a. Loosen the screw (1), washers (2) and (3) and nut (4) to remove the eyebolt (5).
- b. Remove the castor (6).

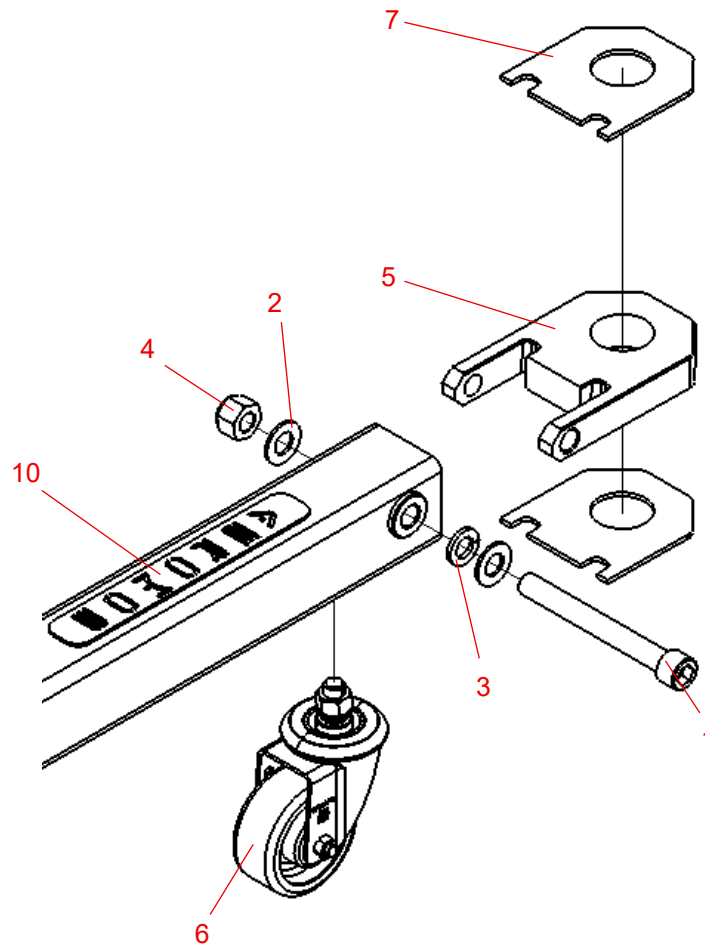
F2. Build-up

- a. **** Glue the rubber guards (7) to the eyebolt (5). Do the steps that follow:**
 - (1) Spread contact adhesive on one side of the rubber guards (7), and on both sides of the eyebolt (5).
 - (2) Wait 10 minutes.
 - (3) Place a rubber guard (7) over one side of the eyebolt (5).
 - (4) Place a weight on the glued assembly.
 - (5) Let the contact glue dry for 24 hours.
 - (6) (After 24 hours, remove the weight from the glued assembly.
- b. **** Install the REBR M6X15 rivet on the primary bar (9).**
- c. **** Install the REBR M6X15 rivet on the secondary bar (10).**
- d. Install the castor (6) into the secondary bar (10).

MM-AM-CRT, 4-7

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- e. Tighten the screw (1) with the washers (2) and (3) and the nut (4) to secure the eyebolt (5) to the secondary bar (10).



TOWBAR EYEBOLT AND CASTOR ASSEMBLY
Figure 424

G. Close-up

G1. Do procedures MM-AM-CRT, 4-1, F2, steps [b.] and [c.] to install the towbar and the telescopic arms.

SECTION 5

ADJUSTMENT / TEST

Not applicable.

SECTION 6

INSPECTION / CHECK

Inspection / Check – Castor Locks

[MM-AM-CRT, 6-1]

A. Applicable Documents

IPC-AM-CRT-K02

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

N/A

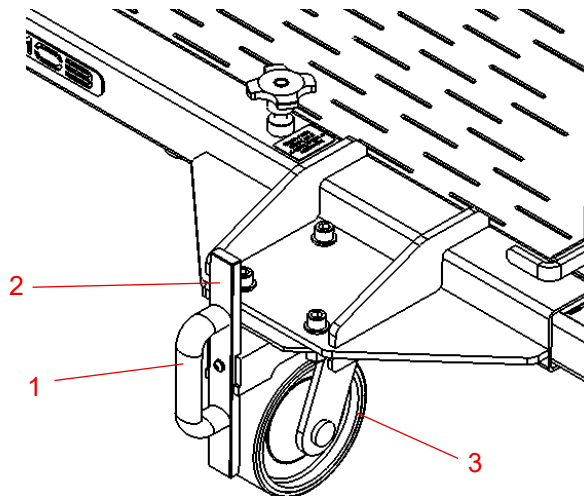
E. Job Set-up

N/A

F. Procedure

F1. Inspection

- a. Hold the handles (1) and place the latch (2) in the vertical position to activate the castor lock (3).



CASTOR LOCK
Figure 601

- b. Make sure that the castor (3) is perfectly locked.
- c. Hold the handle (1) and place the latch (2) in a horizontal position to release the castor lock.
- d. Make sure the castor (3) is free.
- e. Repeat the operation for the other side.

G. Close-up

N/A

Inspection / Check – Claw Protective Rubber

[MM-AM-CRT, 6-2]

A. Applicable Documents

N/A

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Put the equipment in a clean environment with good lighting.

F. Procedure

F1. Inspection

- a. Check the protective rubber for cracks, looseness, deformation, any wear or irregular features.

G. Close-up

N/A

Inspection / Check – Castors

[MM-AM-CRT, 6-3]

A. Applicable Documents

IPC-AM-CRT-K02

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

N/A

E. Job Set-up

E1. Put the equipment in a clean environment with good lighting.

F. Procedure

F1. Inspection

- a. Check the front caster (1-1/26) and the rear casters (1-1/25) for cracks, looseness, deformation, any wear or irregular features.

G. Close-up

N/A

SECTION 7

CLEANING / PAINT

Not applicable.

SECTION 8

REPAIR

Repair – Aft Castors

[MM-AM-CRT, 8-1]

A. Applicable Documents

IPC-AM-CRT-K02

B. Special Tools

N/A

C. Materials

N/A

D. Routine Replacement Parts

SWIVEL WHEEL 6" LOCK (PN GMK62PFE) (1-1/25).

E. Job Set-up

E1. Do the procedure MM-AM-CRT, 4-1, F1, points [a.(1)], [a.(2)] e [b.] to remove the towbar and the telescopic arms.

E2. Do the procedure MM-AM-CRT, 4-2, F1 to remove the castors and the Lock Assemblies.

F. Procedure

- a. Replace the old castor (1-1/25) with the new SWIVEL WHEEL 6" LOCK (PN GMK62PFE).

G. Close-up

G1. Do the procedure MM-AM-CRT, 4-2, F2 to install the castors and the lock assemblies.

G2. Do the procedures MM-AM-CRT, 4-1, F2, steps [b.], [c.(1)], [c.(6)], [c.(7)] e [c.(8)] to install the towbar and the telescopic arms.

Repair – Claw Protective Rubber

[MM-AM-CRT, 8-2]

A. Applicable Documents

IPC-AM-CRT-K02

B. Special Tools

Thermal Supporter (1800 W).
FM-CRT-F01.

C. Materials

Contact glue.

D. Routine Replacement Parts

Claw Protective rubber (PN AM-CRT-070) (2-1/6)

E. Job Set-up

E1. Do the procedure MM-AM-CRT, 4-1, F1, points [a.(1)], [a.(2)], [b.] and [c.].to remove the towbar, telescopic arms and the Locking Arms.

E2. Place the Claw Arm against a rubberized worktop.

F. Procedure

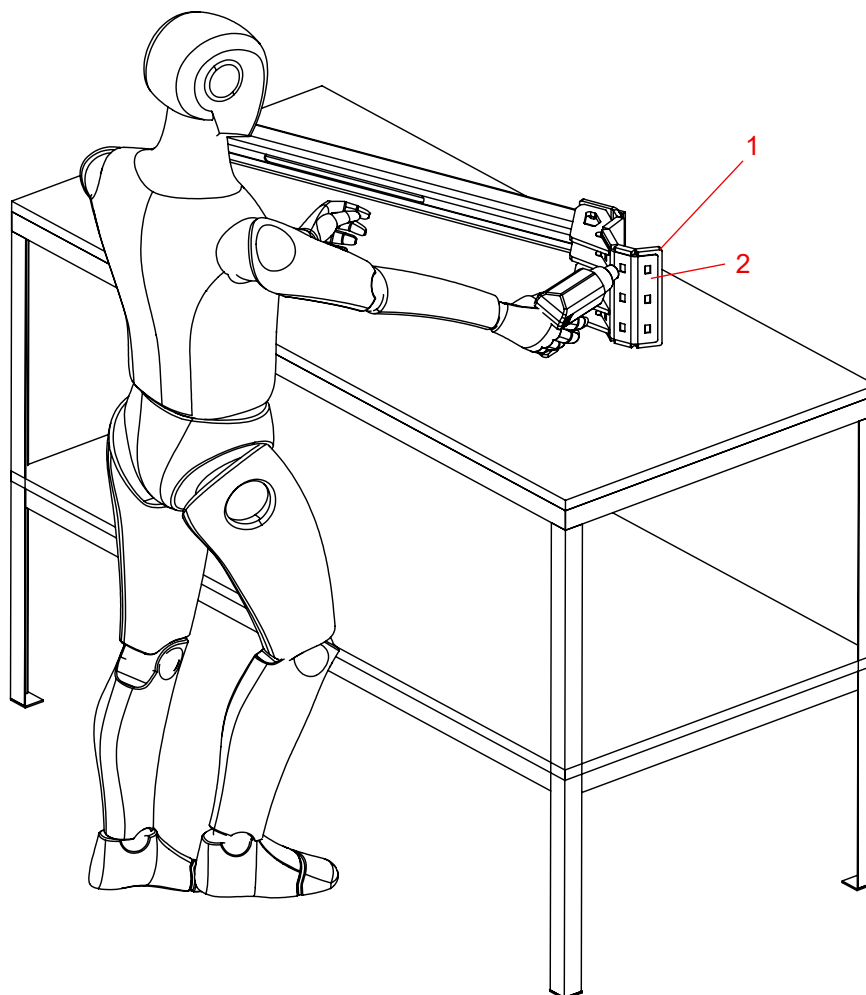
F1 . Removing the worn part

- b. Apply the heat blower to the bottom of the clamp (1) and the protective rubber (2) for 5 minutes to melt the glue. See Figure 801.

CAUTION:

DO NOT OVERHEAT THE EQUIPMENT. THIS CAN DAMAGE THE PAINTWORK.

- c. Remove the worn protective rubber.



REMOVING THE GLUE FROM THE PROTECTIVE RUBBER
Figure 801

F2 . Spare part installation

- a. Spread the contact adhesive on the underside of the protective rubber (1) and on the claw (2).
- b. Wait 10 minutes.
- c. Place the protective rubber (1) on the clamp (2).
- d. Attach the FM-CRT-F01 tool to the protective rubber (1) with the sergeant clamp.
- e. Allow the contact glue to dry for 24 hours.
- f. After 24 hours, remove the clamp and the FM-CRT-F01 tool.

G. Close-up

G1. Do the procedures MM-AM-CRT, 4-1, F2, steps [a.], [b.], [c.(1)], [c.(6)], [c.(7)] and [c.(8)] to install the Locking Arms, the telescopic arms and the towbar.

SECTION 9

PRESERVATION

Not applicable.