

AEROMOB

ILLUSTRATED PARTS CATALOGUE DOCUMENT PN: IPC-AM-CRT-K01



EQUIPMENT NAME: CARTMOB
PART NUMBER: AM-CRT-K01



ILLUSTRATED PARTS CATALOGUE

Aeromob Equipamentos Aeronáuticos Ltda

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INTRODUCTION

The Illustrated Parts Catalog (IPC) must be used to identify parts and component replacement request. The IPC should never be used as a component removal, installation and maintenance procedure. This catalog is used in conjunction with the Equipment Maintenance Manual (MM). The structure of chapters and details used in this IPC follow the applicable standards as Air Transport Association (ATA) SPEC 100 and iSPEC 2200.

The catalog features:

1. A list of chapters;
2. An isometric view of the equipment with emphasis on the set shown in the chapter;
3. An exploded view of each equipment set and its respective list of components;
4. The numbering of the pages is composed initially by the number of the chapter and followed by chapter page number.

PART DESIGNATION

AEROMOB parts are designated using the following code:

AM-HDM-135-S01

such that,

AM: AEROMOB

HDM: Represents the family of equipment

135: the equipment model

S01: represents the part-specific code.

On standard components purchased from third parties such as screws bearings, etc., the codes are varied, according to the necessary specification in each item. In some cases, manufacturers codes are also used.

AEROMOB special tools are designated with an "FM" prefix keeping then the identification code of the equipment to which it is applied.

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PARTS AVAILABILITY

"YES" indicates the part is available as a separate replacement item.

"NO" indicates that the part is no longer available or is only available as part of a set.

ABBREVIATIONS

BICROM - Bichromated

CL - Class

DISP - Parts availability

SS - Stainless steel

HS - Hexagon socket

WS - Worm shaft

TS - Top Shaft

WARRANTY

AEROMOB applies the standard 1-year warranty on parts and components purchased from AEROMOB or an authorized dealer.

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INTRODUCTION

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REVISION

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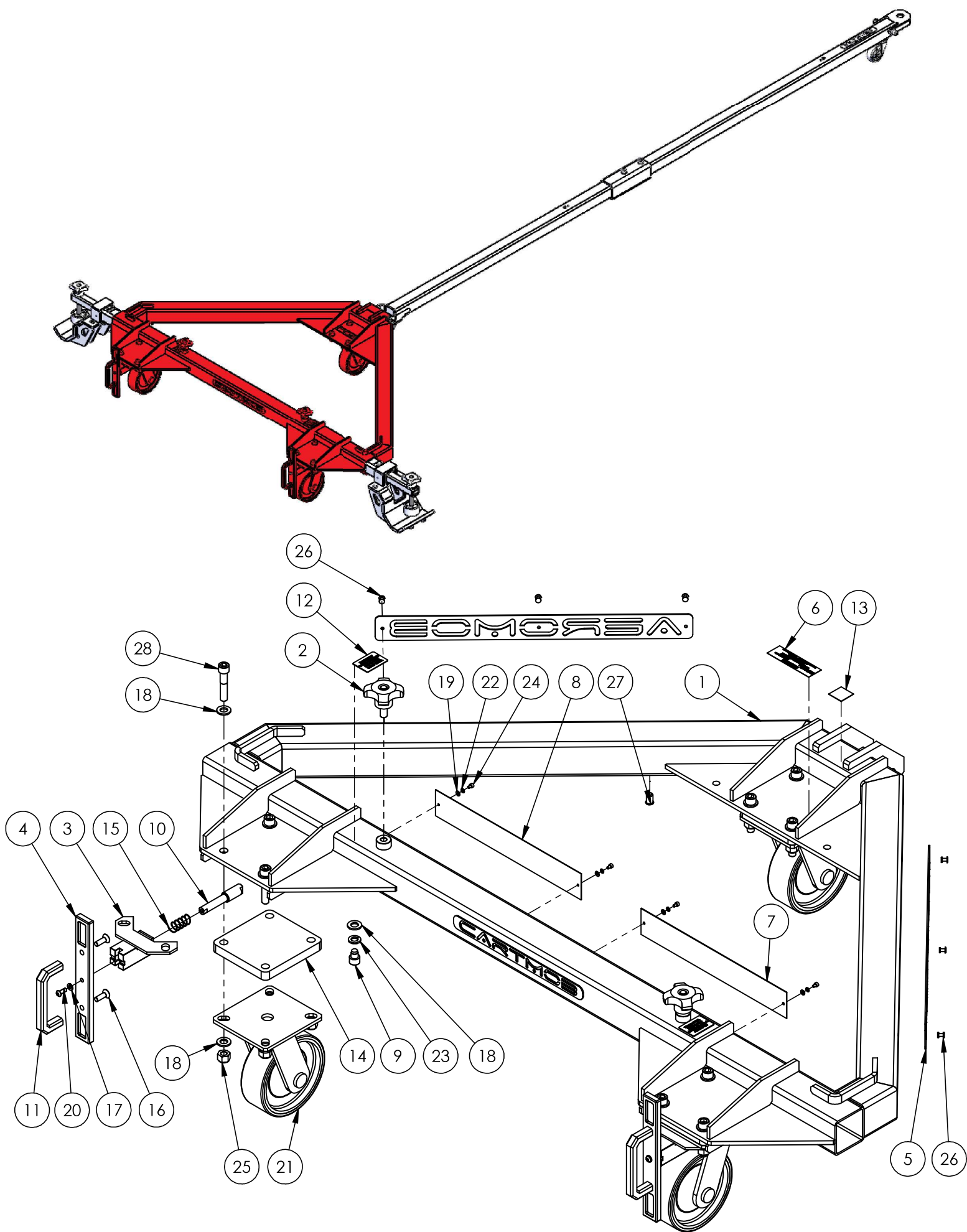
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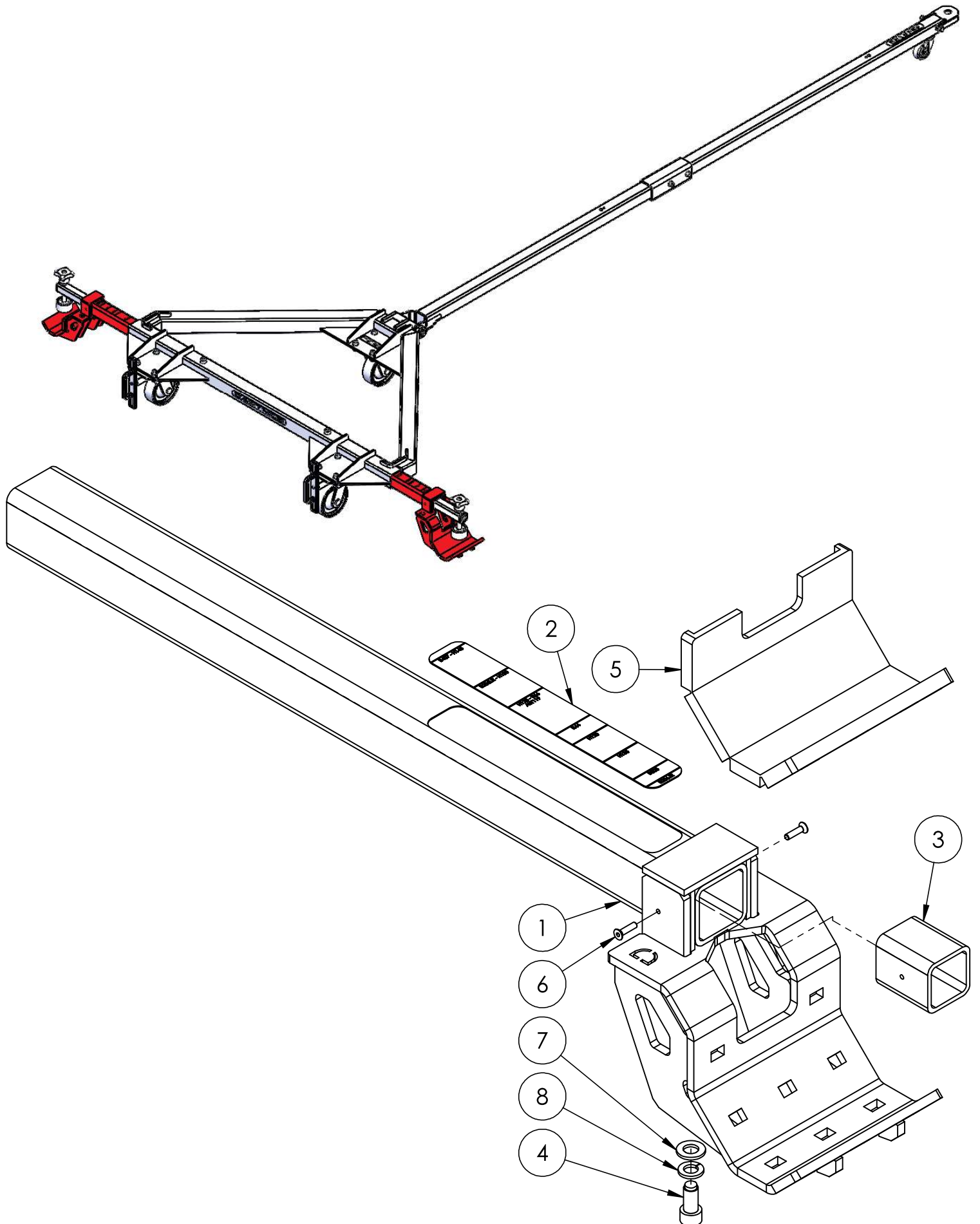
CHAPTER 1 - SQUARE STRUCTURE



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POS	ACTIVE PN	DESCRIPTION	QTY IN THIS DRAWING	QTY EQUIPMENT	OLD PN	APPLICABLE TO SN	AVAIL
1	AM-CRT-S01	WELDED STRUCTURE	1	1	---	---	---
2	AM-CRT-S06	MANIPULO SOLDADO M12X25	2	2	---	---	---
3	AM-CRT-S08	WELDED PIN BEARING	2	2	---	---	---
4	AM-CRT-S09	WELDED LOCK BAR	2	2	---	---	---
5	AM-CRT-005	AEROMOB PLATE	2	1	---	---	---
6	AM-CRT-069	ID PLATE	1	1	---	---	---
7	AM-CRT-039	LOCK ID PLATE	1	1	---	---	---
8	AM-CRT-040	UNLOCK ID PLATE	1	1	---	---	---
9	AM-CRT-056	PARAFUSO ALLEN CAB. CILINDRICA	2	2	---	---	---
10	AM-CRT-073	LOCK PIN	2	2	---	---	---
11	AM-CRT-082	HANDLE	2	2	---	---	---
12	AM-CRT-098	TAG	2	2	---	---	---
13	AM-CRT-125	QR CODE	1	1	---	---	---
14	AM-CRT-128	SHOCK ABSORTION	3	3	---	---	---
15	NR0040	SS - COMPRESSION SPRING Ø1,2 x 16,5 x 40 mm	2	2	---	---	---
16	INOX DIN7991 M8X25	SS - HS COUNTERSUNK HC SCREW M8 X 25	4	4	---	---	---
17	INOX DIN125 M6	SS - FLAT WASHER M6	2	2	---	---	---
18	INOX DIN125 M12	SS - FLAT WASHER M12	26	26	---	---	---
19	INOX DIN125 M4	SS - FLAT WASHER M4	4	4	---	---	---
20	INOX DIN7380 M6X16	SS - HS BUTTON H SCREW M6 x 16	2	2	---	---	---
21	GMR62PFE	SWIVEL WHEEL 6"	3	3	---	---	---
22	INOX DIN127 M4	SS - SPLIT LOCK WASHER M4	4	4	---	---	---
23	INOX DIN127 M12	SS - SPLIT LOCK WASHER M12	2	2	---	---	---
24	INOX DIN912 M4X6	SS - HS H CAP SCREW M4 x 6	4	4	---	---	---
25	INOX DIN982 M12	SS - SELF-LOCKING NUT M12	13	13	---	---	---
26	REB POP 4.8X12	POP RIVET 4,8 - RANGE 6,4mm - 8mm	6	6	---	---	---
27	REBR M8X18	INOX - RIVET NUT M8 x 18	8	8	---	---	---
28	INOX DIN912 M12X60	SS - HS H CAP SCREW M4 x 60	12	12	---	---	---

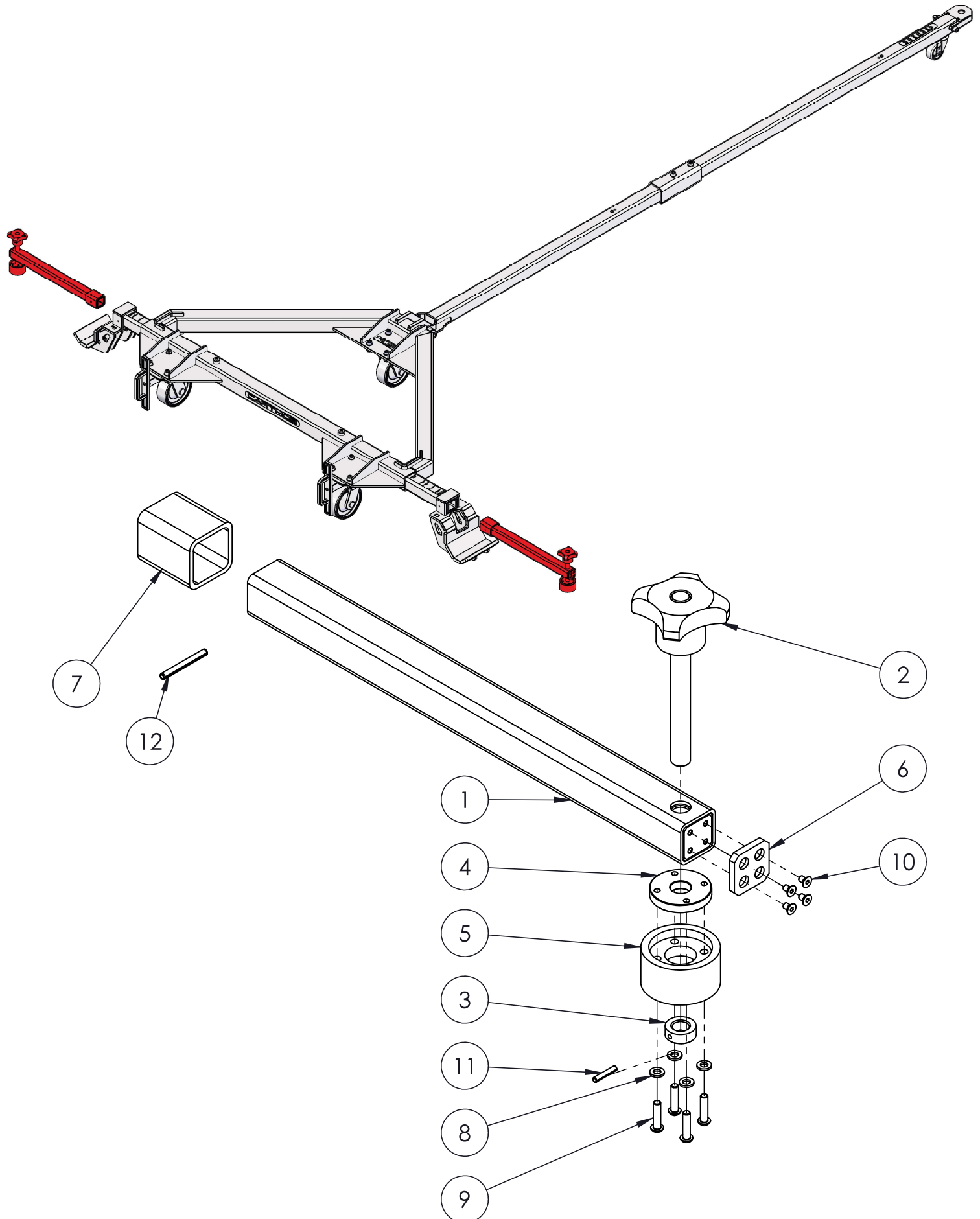
CHAPTER 2 - CLAW ARM



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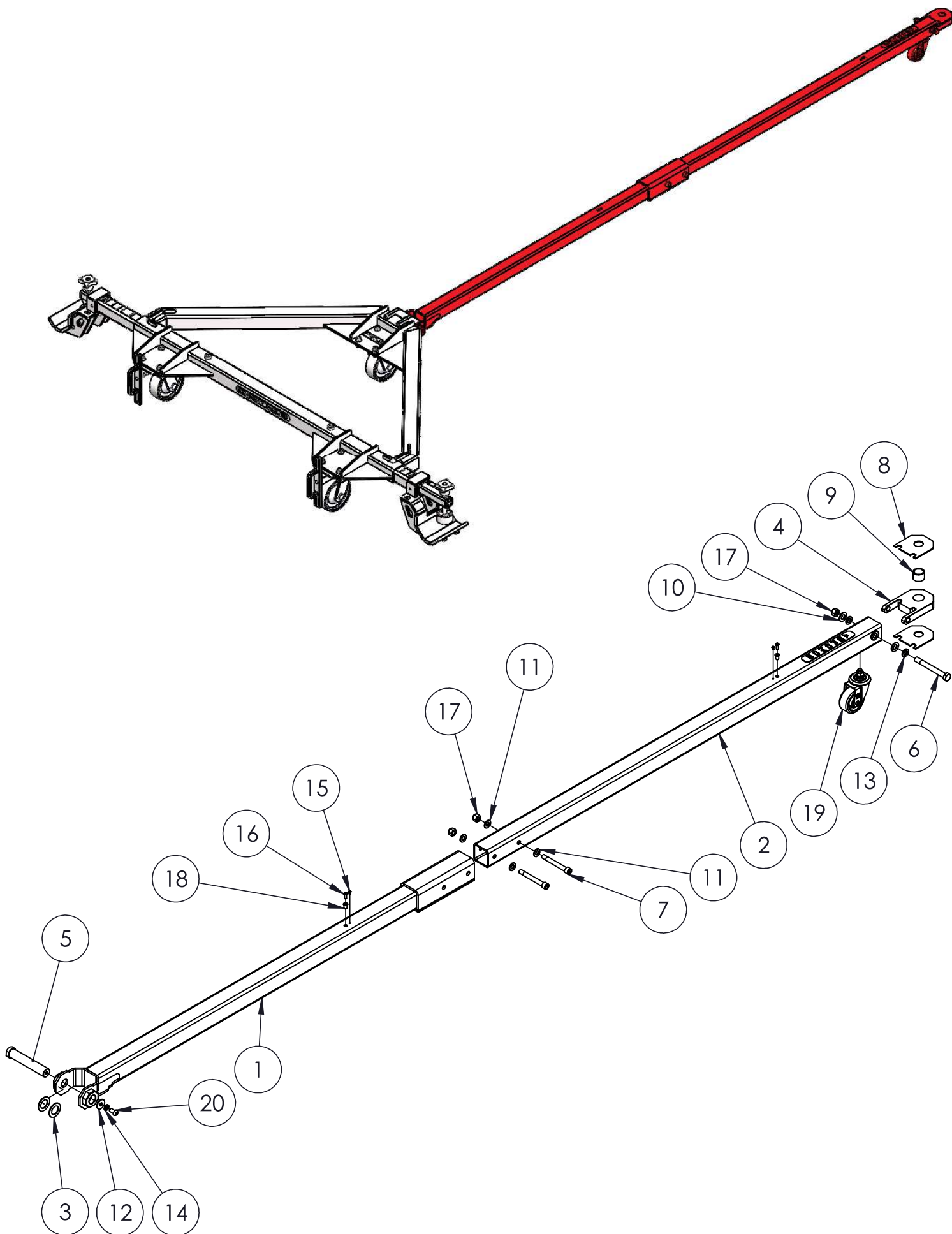
POS	ACTIVE PN	DESCRIPTION	QTY IN THIS DRAWING	QTY EQUIPMENT	OLD PN	APPLICABLE TO SN	AVAIL
1	AM-CRT-145-S02	RIGHT WELDED GUTTER	2	2	---	ALL	---
2	AM-CRT-145-009	SKID ID	2	2	---	ALL	---
3	AM-CRT-145-054	SLIDE BUSHING	2	4	---	ALL	---
4	AM-CRT-145-55	SPECIAL SCREW	2	4	---	ALL	---
5	AM-CRT-145-70	GUARDING GRAB	2	2	---	ALL	---
6	DIN7991 M5X20	SS - HS COUNTERSUNK HC SCREW M5 x 20	4	4	---	ALL	---
7	INOX DIN125 M12	SS - FLAT WASHER M12	2	2	---	ALL	---
8	INOX DIN127 M12	SS - SPLIT LOCK WASHER M12	2	2	---	ALL	---

CHAPTER 3 - LOCKING ARM



POS	ACTIVE PN	DESCRIPTION	QTY IN THIS DRAWING	QTY EQUIPMENT	OLD PN	APPLICABLE TO SN	AVAIL
1	AM-CRT-145-S03	WELDED SKID ARM	1	2	---	ALL	---
2	AM-CRT-145-S07	WELDED KNOB SCREW M16X120	1	2	---	ALL	---
3	AM-CRT-145-024	LOCK NUT	1	2	---	ALL	---
4	AM-CRT-145-027	SPECIAL WASHER	1	2	---	ALL	---
5	AM-CRT-145-031	SKID SUPPORT	1	2	---	ALL	---
6	AM-CRT-145-038	SLIDING TUBE COVER	1	2	---	ALL	---
7	AM-CRT-145-054	SLIDE BUSHING	1	2	---	ALL	---
8	INOX DIN125 M6	SS - FLAT WASHER M6	4	8	---	ALL	---
9	DIN7380 M6X25	SS - HS BUTTON H SCREW M6 x 25	4	8	---	ALL	---
10	INOX DIN7991 M5X8	SS - HS COUNTERSUNK HC SCREW M5 x 8	4	8	---	ALL	---
11	DIN1481 4X24	SPRING PIN Ø4 x 24 mm	1	2	---	ALL	---
12	DIN1481 5X50	SPRING PIN Ø5 x 50 mm	1	2	---	ALL	---

CHAPTER 4 - TOWBAR



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POS.	ACTIVE PN	DESCRIPTION	QTY IN THIS DRAWING	QTY EQUIPMENT	OLD PN	APPLICABLE TO SN	AVAIL
1	CART_145_S_12	PRIMARY BAR	1	1	---	ALL	---
2	CART_145_S13	SECONDARY BAR	1	1	---	ALL	---
3	CART_145_87	SPACER WASHER	2	2	---	ALL	---
4	CART_145_107	EYEPLATE	1	1	---	ALL	---
5	CART_145_110	SHAFT	1	1	---	ALL	---
6	CART_145_111	EYEPLATE SCREW	1	1	---	ALL	---
7	CART_145_112	SPECIAL SCREW	2	2	---	ALL	---
8	CART_145_113	EYEPLATE COVER	2	2	---	ALL	---
9	CART_145_114	DIAMETER COVER	1	1	---	ALL	---
10	INOX DIN125 M14	SS - FLAT WASHER M14	2	2	---	ALL	---
11	INOX DIN125 M12	SS - FLAT WASHER M12	6	4	---	ALL	---
12	INOX DIN9021 M10	SS - LARGE FLAT WASHER M10	1	1	---	ALL	---
13	INOX DIN127 M14	SS - SPLIT LOCK WASHER M14	2	2	---	ALL	---
14	INOX DIN127 M10	SS - SPLIT LOCK WASHER M10	1	1	---	ALL	---
15	INOX DIN7380 M4X8	SS - HS BUTTON H SCREW M4 x 8	2	2	---	ALL	---
16	INOX DIN7380 M6X16	SS - HS BUTTON H SCREW M6 x 16	2	2	---	ALL	---
17	INOX DIN982 M12	SS - SELF-LOCKING NUT M12	3	3	---	ALL	---
18	REBR M6X15	BIC RIVET NUT M6X15	2	2	---	ALL	---
19	GLE.312.PE	WHEEL SCHIOPPA 3"	1	1	---	ALL	---
20	INOX DIN7380 M10X20	SS - HS BUTTON H SCREW M10 x 20	1	1	---	ALL	---