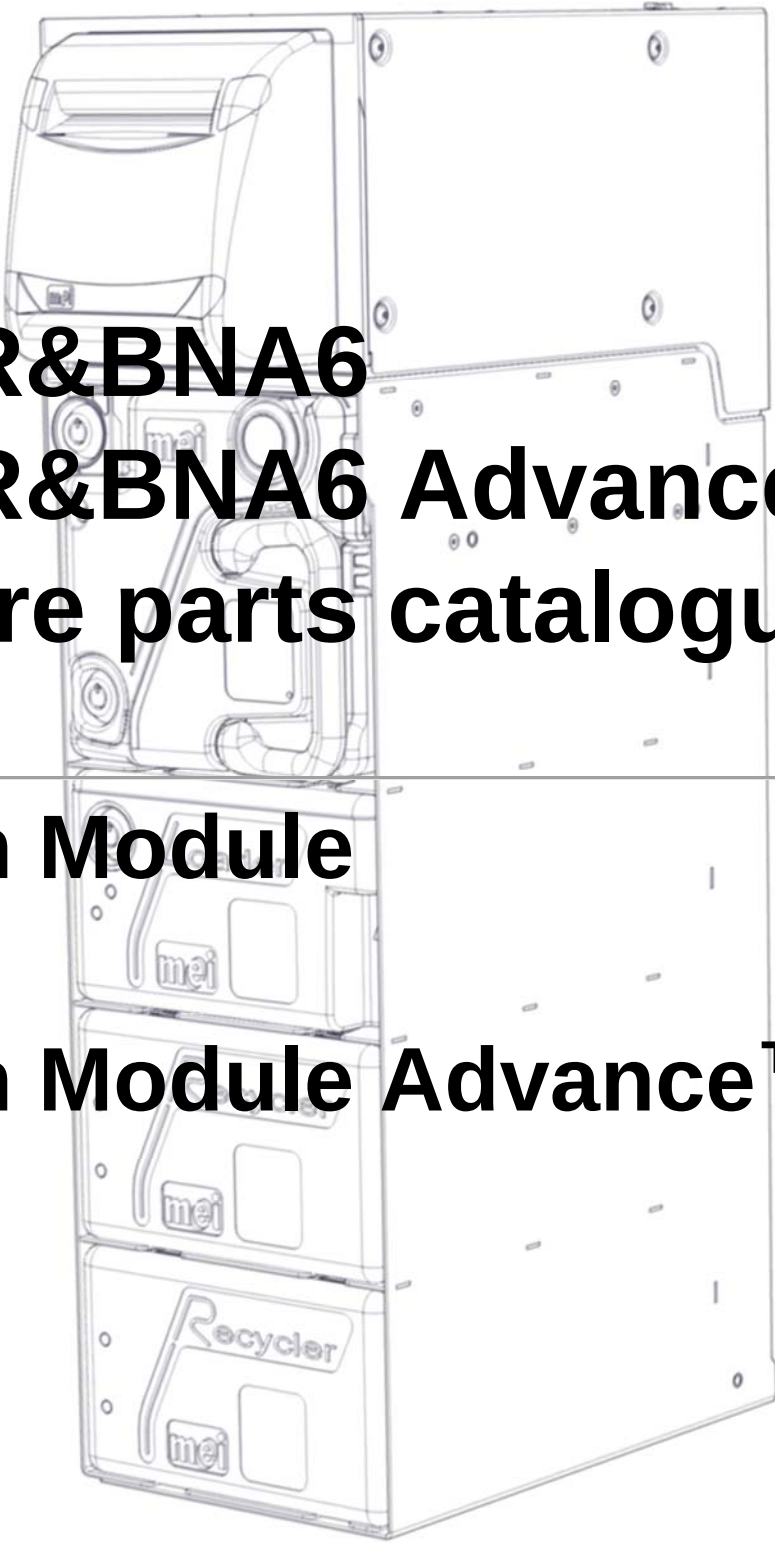




BNR&BNA6 BNR&BNA6 Advance™ Spare parts catalogue

Main Module & Main Module Advance™

BNR&BNA6
Spare parts catalogue

Version GA – Official release

Release Date: November 2021

Document Part Number: 98186 5 044

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This document does not necessarily imply product availability.

Information in this document may change without notice.

Ex :

	675707001P1
	x 1 piece
	MM-PC-6-1

981865044-BNR&BNA6 Spare Part Catalogue-G1

MM - PC - 6 - 1

Module ID :

MM	Main module
CH	Chassis
RE	Recycler
PO	Loader
CB	Cash Box
SP	Spine
LK	Locks

Commodity:

AS	Assembly
PC	PCB
ME	Metal
PL	Plastic
BL	Belt
SH	Shaft
SR	Spring
CL	Cable
LB	Label
MO	Motor
LK	Locks
KT	Kits
LS	Locking system

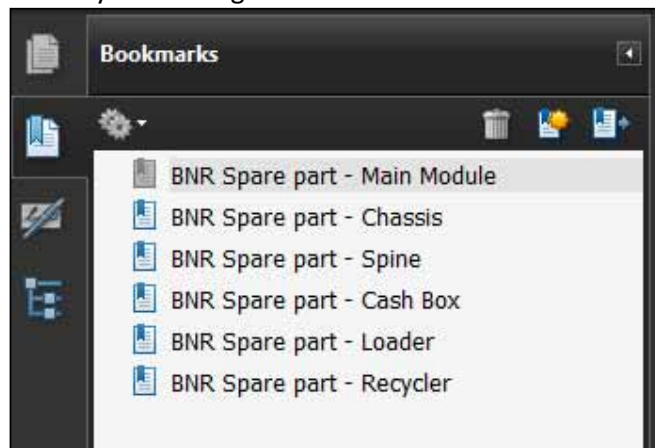
Numbering

Version of spare

The navigation applies only from a pdf reader.

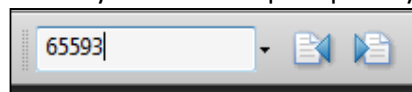
- Bookmarks :

Allows you to navigate between Modules.



- Search field:

Allows you to find a spare part by typing the Part number, designation, key words, etc...

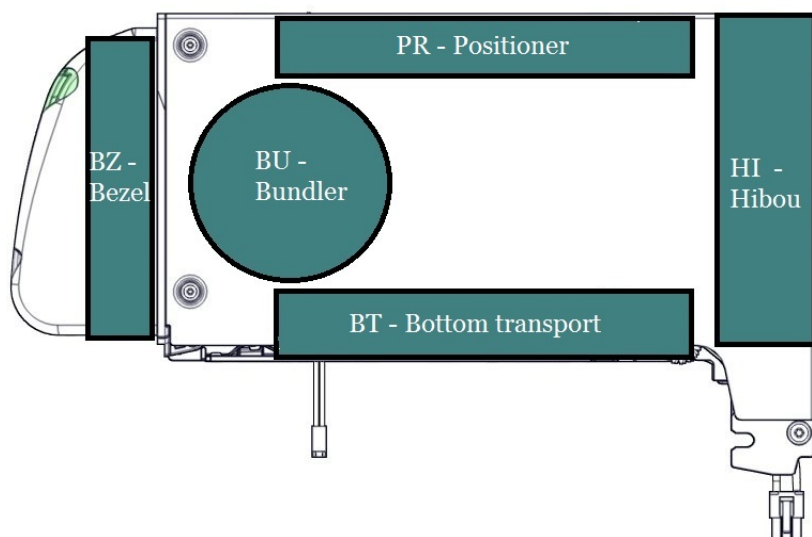


- 655934001P1	PR- Positioner assy_spare_____	MM-1-1
- 662222001P1	S BNR,MM,BT BOTTOM ASSY_____	MM-2-1
- 667463001P1	S BNR,HI,CHASSIS REAR ASSY_____	MM-3-1
- 676059001P10	S BNR, HI,GUIDE ASSY, PK10_____	MM-4-1
- 672995001P1	S BNR,RS-DOWN-SENSOR-ASSY,PK1_____	MM-5-1
- 673001001P1	S BNR,RS-UP-SENSOR-ASSY,PK1_____	MM-6-1
- 954362001P1	S BNR BZ BEZEL D2 ASSY_____	MM-7-1

BNR SPARE PARTS CATALOGUE

MAIN MODULE

Sub-modules location



		Page
- 984001272P1	S BNR, MMA PR Full module, PK1	MM-AS-1-2
- 662222001P1	S BNR,MM,BT BOTTOM ASSY	MM-AS-2-1
- 984005275P1	S BNR, MMA-bt bottom assy, PK1	MM-AS-2-2
- 954362001P1	S BNR, BZ BEZEL D2 ASSY	MM-AS-5-1
- 665576001P1	S BNR, BU-Support-light-pipe-assy, PK1	MM-AS-7-1
- 981732001P1	S BNR, PR-BI lower housing , PK1	MM-AS-8-1
- 955910001P1	S BNR, ST-piston assy, PK1	MM-AS-9-1
- 952873001P1	S BNR, BZ Bezel D1 assy	MM-AS-10-1
- 673894001P1	BZ- Internal assy_spare	MM-AS-11-1
- 950266001P1	BZ-Security assy-packaging_spare	MM-AS-12-1
- 984007274P1	S BNR, MMA-BI-ASSEMBLY, PK1	MM-AS-13-2

BNR SPARE PARTS CATALOGUE

MAIN MODULE

		Page
- 667450001P1	S BNR, HI-INNER CHASSIS ASSEMBLY, PK1	MM-AS-14-1
- 984007279P1	S BNR, MMA-HI-INNER CHASSIS ASSEMBLY, PK1	MM-AS-14-2
- 982686001P1	S BNR, BI-INLET CHANNEL-ASSEMBLY, PK1	MM-AS-15-1/2
- 674497001P1	S BNR, BI-INLET CHANNEL ASSY, PK1	MM-AS-16-1
- 953963001P1	S BNR, BZ-bezel assy. Grey, PK1	MM-AS-17-1
- 668346001P10	S BNR, MM External Cables Bracket, PK10	MM-AS-18-1
- 984005758P1	S BNR, Bundler Diverter Lever Kit, PK1	MM-AS-20-1
- 984006906P1	S BNR, BZ-Bezel D4 assy, PK1	MM-AS-21-1
- 675236001P1	S BNR, BZ-Bezel B2 (Black) assy, PK1	MM-AS-22-1
- 955096001P1	S BNR, RS-down-sensor-assy-red-gen2, PK1	MM-PC-1-2
- 955101001P1	S BNR, RS-up-sensor-assy-red-gen2, PK1	MM-PC-2-2
- 982262001P1	S BNR, MM - CPU2+ Assembled PCB , PK1	MM-PC-3-2
- 111556746P1	S BNR, MMA Assembled CPU , PK1	MM-PC-3-3
- 666344001P1	S BNR, MM-SENSOR2-ASSEMBLED-PCB, PK1	MM-PC-4-1
- 984001113P1	S BNR, MMA-SENSOR Assembled PCB, PK1	MM-PC-4-2
- 648235001P1	S BNR MM, INLET, ASSY, PCA, PK1	MM-PC-5-1
- 111554747P1	S BNR MMA, INLET, ASSY, PCA, PK1	MM-PC-5-2
- 675707001P1	S BNR, RS-UP-B-SENSOR-ASSY	MM-PC-6-1
- 980553001P1	S BNR, RS-up-UV-sensor-assy, PK1	MM-PC-6-2
- 675692001P1	S BNR, RS-DOWN-B-SENSOR-ASSY	MM-PC-7-1
- 980540001P1	S BNR, RS-down UV-sensor-assy, PK1	MM-PC-7-2
- 648264001P1	S BNR, MM OUTLET PCB ASSY, PK1	MM-PC-8-1
- 111552748P1	S BNR, MMA OUTLET PCB ASSY, PK1	MM-PC-8-2
- 984005939P1	S BNR, MMA CPU Select , PK1	MM-PC-9-1
- 673938001P10	S BNR, MM THERMALLY CONDUCTIVE PAD, PK10	MM-PC-10-1

BNR SPARE PARTS CATALOGUE

MAIN MODULE

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- 649985001P10	S BNR,BU,CODING WHEEL 82 STEP	MM-PL-1-1
- 650206001P10	S BNR,MM,RIGHT,OUTLEY LIGHT GUIDE	MM-PL-2-1
- 652779001P10	S BNR,MM,LEFT OUTLET LIGHT GUIDE	MM-PL-3-1
- 654108001P10	S BNR,MM,SENSOR COVER, SPACER	MM-PL-4-1
- 665270001P10	S BNR,MM-CABLE CLIP	MM-PL-5-1
- 668362001P100	S BNR,MM,INTER BD,M3x18	MM-PL-6-1
- 666886001P10	S BNR, MM-BU-DS-BUSHING,PK10	MM-PL-8-1
- 648706001P10	S BNR, BI-PINCHING ROLLER, PK10	MM-PL-9-1
- 650015001P10	S BNR, BU-RESET WHEEL DIVERter, PK10	MM-PL-10-1
- 652431001P10	S BNR, DS-CODING WHEEL, PK10	MM-PL-11-1
- 969865001P10	S BNR, PR-SPHERICAL ROLLER TYRE BLACK, PK10	MM-PL-12-2
- 969878001P40	S BNR, PR-driving roller tyre black, PK40	MM-PL-13-2
- 650222001P10	S BNR,BT-OUTLET FLAP,PK10	MM-PL-16-1
- 653678001P10	S BNR,MM,FIXED,CPU,SPACER, PK10	MM-PL-17-1
- 653932001P10	S BNR, MM,SENSOR,CPU,SPACER, PK10	MM-PL-18-1
- 652313001P10	S BNR, DS-GEAR M1-20T_GT3 MR-27, PK10	MM-PL-19-1
- 653652001P20	S BNR, MM-revolving diverter-L5, PK20	MM-PL-21-1
- 984003330P20	S BNR, MMA-revolving diverter-L5_Mk2, PK20	MM-PL-21-2

BNR SPARE PARTS CATALOGUE

MAIN MODULE

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- 969852001P20	S BNR, BZ Security Outlet Foam, PK20	MM-PL-22-1
- 660893001P5	S BNR, BU- Transport Diverter, PK5	MM-PL-23-1
- 984006288P5	S BNR, MMA-BU-transport-diverter assy, PK5	MM-PL-23-2
- 650188001P5	S BNR, BT- Locking Lever, PK5	MM-PL-24-1
- 984000426P10	S BNR, MMA BZ-INLET OPTIC GUIDE Kit, PK10	MM-PL-25-2/3
- 970644001P10	S BNR, MM, HI-CABLE-HOLDER, PK10	MM-PL-26-1
- 649781001P1	S BNR, HI CHASSIS REAR, PK1	MM-PL-27-1
- 668464001P20	S BNR, MM BALL BEARING CLIP, PK20	MM-PL-28-1
- 679701001P5	S BNR, BU bundle extraction guide, PK5	MM-PL-29-1
- 980095001P10	S BNR, MM HI lower guide F, PK10	MM-PL-30-1
- 950520001P20	S BNR, MMA BU tyre EPDM, PK20	MM-PL-31-1
- 660851001P5	S BNR, BU-inner support pulleys, PK5	MM-PL-32-1
- 649930001P1	S BNR, Bundler drum, PK1	MM-PL-33-1
- 665296001P5	S BNR, BZ-bottom light pipe, PK5	MM-PL-34-1
- 649969001P5	S BNR, MM BU-MOTOR HOUSING, PK5	MM-PL-35-1
- 648691001P1	S BNR, BI COVER	MM-ME-1-1
- 671130001P1	S BNR, MM, RIGHT COVER ASSY	MM-ME-2-1
- 671143001P1	S BNR, MM, LEFT COVER ASSY	MM-ME-3-1
- 984005231P1	S BNR, MMA-left cover-assy, PK1	MM-ME-3-2
- 672982001P1	S BNR, HI, COVER ASSY	MM-ME-4-1
- 676371001P10	S BNR, MM-SPACER-SENSOR-CPU-METAL, PK10	MM-ME-5-1

BNR SPARE PARTS CATALOGUE

MAIN MODULE

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- 650162001P100 S BNR,BT,FLAP SHAFT, PK100	MM-SH-2-1
- 665636001P10 S BNR, ST revolving shaft assembly, PK10	MM-SH-3-1
- 652151001P5 S BNR, BI-wave-cylinder-assy, PK5	MM-SH-4-1
- 668422001P5 S BNR, BI-wave cylinder-assembly-up front assembly, PK5	MM-SH-5-1
- 676091001P5 S BNR, BI-wave cylinder assy with flat, PK5	MM-SH-6-1
- 668406001P5 S BNR, BI-wave-cylinder-assembly-motor, PK5	MM-SH-7-1
- 655992001P10 S BNR, BI-DRIVING SHAFT ASSY - W/ TYRES, PK10	MM-SH-8-1
- 668286001P10 S BNR, BT-BOTTOM DRIVE SHAFT ASSY, PK10	MM-SH-9-1
- 656155001P10 S BNR, HI-locking pin, PK10	MM-SH-10-1
- 984000203P10 S BNR, BT-Solenoid_Mk2, PK10	MM-SO-1-1
- 970704001P10 S BNR, DS-belt-MXL-160t_width4.76_GF, PK10	MM-BL-2-2
- 665092001P10 S BNR, BU-MXL-75T-BELT	MM-BL-3-1
- 665607001P30 S BNR, HI-BELT 95-MXL-4, PK30	MM-BL-4-1
- 665610001P30 S BNR, HI-BELT 118-MXL-5, PK30	MM-BL-5-1
- 651838001P10 S BNR, BU-INNER-ENDLESS-BELT, PK10	MM-BL-6-1
- 652342001P10 S BNR, MM Belt-MXL84t-0.125, PK10	MM-BL-7-1
- 665592001P30 S BNR, HI-Belt 83-MXL-4, PK30	MM-BL-8-1
- 650413001P20 S BNR, ST-belt mxl 145, PK20	MM-BL-9-1
- 654051001P20 S BNR, BT-Belt mxl 270-6.35, PK20	MM-BL-10-1
- 665110001P10 S BNR, BT-belt outlet mxl 56, PK10	MM-BL-11-1
- 665123001P20 S BNR, BT-belt top outlet mxl 46, PK20	MM-BL-12-1

BNR SPARE PARTS CATALOGUE

MAIN MODULE

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- 664504001P10	S BNR,MM-POWER SUPPLY CABLE,PK10	MM-CL-1-1
- 664562001P10	S BNR,MM,SENSOR,OUTLET,FFC	MM-CL-2-1
- 664560002P10	S BNR,MMA,SENSOR,OUTLET,FFC	MM-CL-2-2
- 664575001P10	S BNR,MM,SENSOR,INLET,FFC	MM-CL-3-1
- 664573002P10	S BNR,MMA,SENSOR,INLET,FFC	MM-CL-3-2
- 664588001P10	S BNR,MM,SENSOR,USB,AUX,FFC	MM-CL-4-1
- 666446001P10	S BNR,USB CABLE2,PK10	MM-CL-5-1
- 676355001P10	S BNR,USB CABLE2-FCI,PK10	MM-CL-6-1
- 664533001P10	S BNR, SENSOR TO SPINE CABLE, PK10	MM-CL-7-1
- 984000208P10	S BNR, MMA SENSOR TO SPINE CABLE, PK10	MM-CL-7-2
- 666475001P10	S BNR,HI,UP2,REAR,FFC, PK10	MM-CL-8-1
- 984002207P10	S BNR,MMA,HI,UP2,REAR,FFC, PK10	MM-CL-8-2
- 666462001P10	S BNR,HI,FRONT -FRONT-DOWN-FFC, PK10	MM-CL-9-1
- 666488001P10	S BNR,HI,DOWN4 REAR,FFC, PK10	MM-CL-10-1
- 984004206P10	S BNR,MMA,HI,DOWN4 REAR,FFC, PK10	MM-CL-10-2
- 666459001P10	S BNR HI,FRONT,UP,FFC, PK10	MM-CL-11-1

BNR SPARE PARTS CATALOGUE

MAIN MODULE

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- 663150001P10	S BNR, BT-SPRING CLAPET, PK10	MM-SR-1-1
- 954684001P10	S BNR, MM-ROT-DIV-ANTI VIB SPRING, PK10	MM-SR-2-1
- 665034001P50	S BNR, BU DIVERTER SPRING, PK50	MM-SR-3-1
- 663061001P50	S BNR, BU LEVER SHAFT STOPPER SPRING, PK50	MM-SR-4-1
- 663045001P50	S BNR, BU LEVER DRIVING SPRING, PK50	MM-SR-5-1
- 671350001P50	S BNR, MM BT Spring Locking Lever, PK50	MM-SR-6-1
- 650175001P20	S BNR, BT-spring outlet, PK20	MM-SR-7-1
- 954448001P10	S BNR, BZ-BEZEL D2 LABEL, PK10	MM-LB-1-1
- 952975001P10	S BNR, BZ-BEZEL D1 LABEL, PK10	MM-LB-2-1
- 665521001P1	S BNR, BU-pinion motor assy, PK1	MM-MT-1-1
- 668320001P1	S BNR, ST-M1 ASSY W/ GEAR, PK1	MM-MT-3-1
- 668448001P1	S BNR, MM-M1 ASSY W/ GEAR, PK1	MM-MT-4-1
- 668451001P1	S BNR, BI-M1 ASSY, PK1	MM-MT-5-1
- 670731001P1	S BNR, BU-M2 ASSY, PK1	MM-MT-6-1

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- 970306001P1	S BNR, MM Rev 12-to-13 Upgrade Kit, PK1	MM-KT-3-1/2
- 955410001P10	S BNR,OUTLET FLAP W/SPRING, kit 10	MM-KT-4-1/2
- 981538001P10	S BNR, BU-tyre EPDM KIT, PK10	MM-KT-5-1/2
- 981347001P1	S BNR, BT S1 Kit, PK1	MM-KT-6-1/2
- 984002425P10	S BNR, MMA-Light pipe BT.S1 kit, PK10	MM-KT-6-3/4
- 981350001P1	S BNR, PR S1 KIT, PK1	MM-KT-7-1/2
- 981363001P1	S BNR, BI S4 KIT, PK1	MM-KT-8-1/2
- 981376001P1	S BNR, BT S2 KIT, PK1	MM-KT-9-1/2
- 981389001P1	S BNR, BI INLET OPTICS KIT, PK1	MM-KT-10-1/2
- 683169001P1	S BNR, BZ B1-B2 Black bezel conversion kit, PK1	MM-KT-11-1/2
- 950619001P1	S BNR, BZ B2-S1 Metal bezel conversion kit, PK1	MM-KT-12-1/2
- 982288001P1	S BNR, MM-PR Belt and Tyres Kit, PK1	MM-KT-13-1/2

BNR SPARE PARTS CATALOGUE

MAIN MODULE

Kits

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- 982348001P10	S BNR, Fibreglass Positioner Belt w/ Gear, PK10	MM-KT-14-1/2
- 982864001P1	S BNR, PR GEAR/WHEEL KIT, PK1	MM-KT-15-1/2
- 982911001P10	S BNR, PR-SPHERICAL ROLLER HUB - W/ TYRE, PK10	MM-KT-16-1/2
- 983556001P10	S BNR, BZ FLUSH FOAM SEAL KIT, PK10	MM-KT-17-1/2
- 983938001P1	S BNR, BU kit closed loop, PK1	MM-KT-18-1/4
- 984001010P1	S BNR, Rotating diverter tensionner Kit, PK1	MM-KT-19-1/2
- 984008422P1	S BNR, MMA-Rotating div Kit, PK1	MM-KT-19-3/4
- 984007012P1	S BNR, Hibou Strip upgrade kit, PK1	MM-KT-20-1/2
- 984009011P1	S BNR, Trash bin Kit, PK1	MM-KT-21-1/2
- 984002241P1	S BNR, BU shaft 5 & 7 kit, PK1	MM-KT-22-1/2
- 984005258P1	S BNR, HI CHASSIS REAR & HI STRIP KIT, PK1	MM-KT-23-1/2
- 984002349P1	S BNR, ST M1+Gear wheel+Coding wheel kit, PK1	MM-KT-24-1/2
- 984008400P10	S BNR, HI, MXL26 KIT, PK10	MM-KT-25-1/2
- 984004429P1	S BNR, MMA Diverter Kit, PK1	MM-KT-26-1/2
- 984007431P10	S BNR, MMA Belt 85T+T. pulley Kit, PK10	MM-KT-27-1/2
- 984001434P10	S BNR, MMA HI Roller Guide kit, PK10	MM-KT-28-1/2
- 984001118P20	S BNR, MMA-Light pipe BI.S1 Kit, PK20	MM-KT-29-1
- 984005591P1	S BNR, BU kit light closed loop, PK1	MM-KT-30-1/3
- 984009739P5	S BNR, Positioner driving Oring kit, PK5	MM-KT-31-1/2
- 984001738P1	S BNR, Bundler ball bearing kit, PK1	MM-KT-32-1
- 984002908P1	S BNR, MMA cover kit (BNR Select), PK1	MM-KT-33-1
- 984006629P10	S BNR, MM HI-Rear Button, PK10	MM-KT-34-1
- 984008628P50	S BNR, MM BU-motor cable clamp KIT, PK50	MM-KT-35-1
- 984003276P1	S BNR, MMA-HI-REAR CHASSIS ASSEMBLY, PK1	MM-KT-36-1

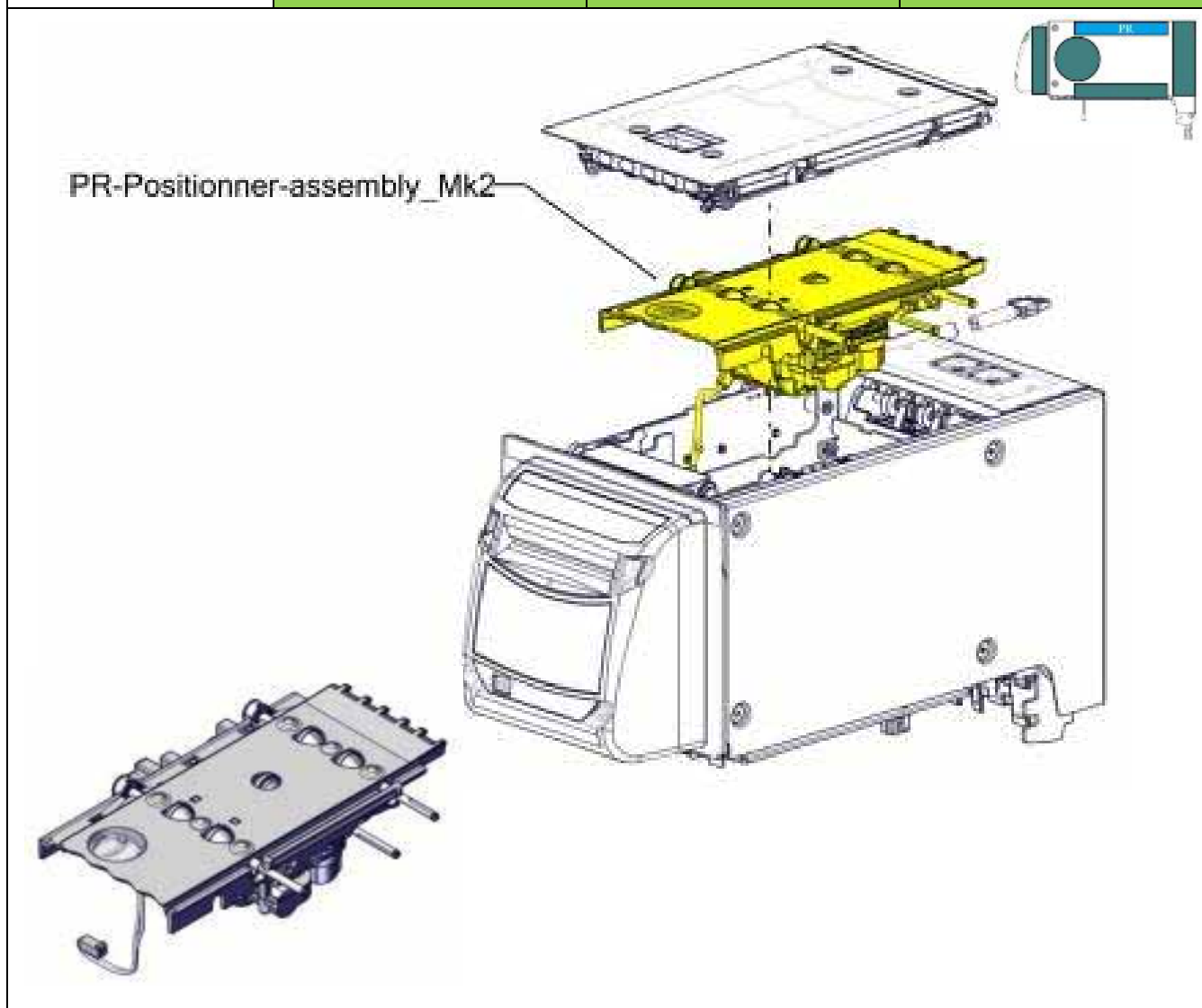
BNR SPARE PARTS CATALOGUE MAIN MODULE

OBSOLETE SPARE PARTS

- 655934001P1	PR- Positioner assy_spare
- 667463001P1	S BNR,HI,CHASSIS REAR ASSY
- 676059001P10	S BNR, HI,GUIDE ASSY, PK10
- 955627001P10	S BNR, MM-ROT-DIV-MXL-TENSIONR-ASSY, PK1
- 655905001P1	S BNR, MM-BI-ASSEMBLY, PK1
- 672995001P1	S BNR,RS-DOWN-SENSOR-ASSY,PK1
- 673001001P1	S BNR,RS-UP-SENSOR-ASSY,PK1
- 666315001P1	S BNR, MM-CPU2-ASSEMBLED-PCB, PK1
- 676020001P10	S BNR,HI,ROLLER GUIDE
- 671261001P10	S BNR, PR-SPHERICAL ROLLER TYRE, PK10
- 676106001P10	S BNR, PR-DRIVING ROLLER TYRE, PK10
- 955745001P10	S BNR, MM FFC CABLE CLAMP, PK10
- 955850001P10	S BNR, MM-ROT-DIV-BELT COVER, PK10
- 649210001P10	S BNR, BZ-INLET OPTIC GUIDE
- 652266001P10	S DS,BELT,FHT3,85T
- 652397001P10	S BNR,DS,BELT,MXL,160T
- 666726001P1	S BNR,BU,SHAFT ASSY,N7, PK1
- 668142001P1	S BNR, BT-M1-GMA, PK1
- 969983001P1	S BNR,MM,BU MAINTENANCE KIT
- 970000001P1	S BNR,MM,TENSIONER KIT
- 953858001P10	S BNR, PR-O-RING-GREY, PK10

<i>Part Number</i>	984001272P1
<i>Designation</i>	S BNR, MMA PR Full module PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

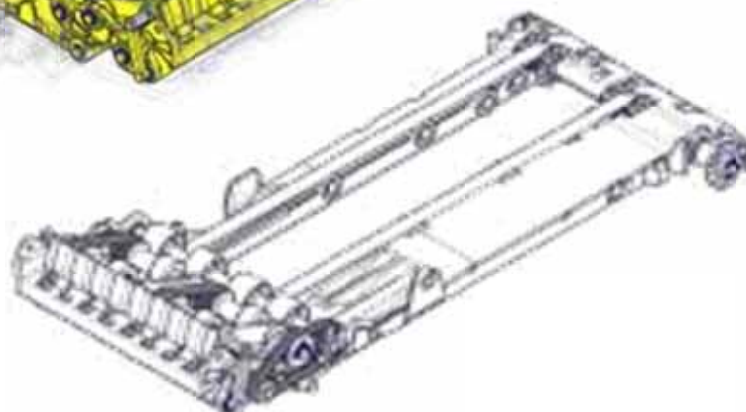
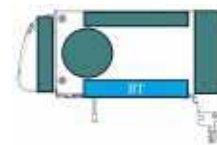
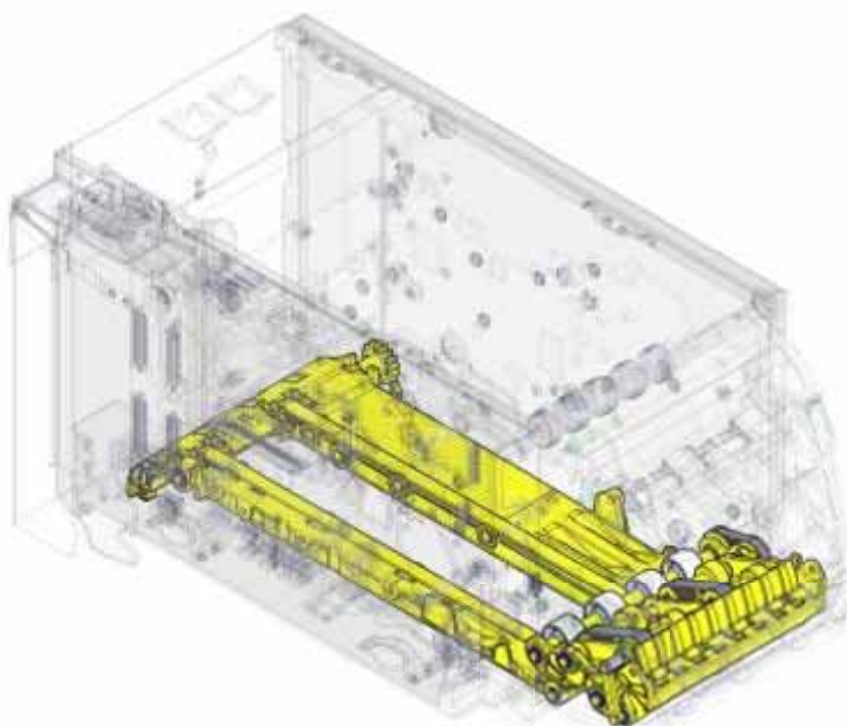


<i>Ref. To order</i>	984001272P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-1-2

<i>Part Number</i>	662222001P1
<i>Designation</i>	S BNR,MM,BT BOTTOM ASSY

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X



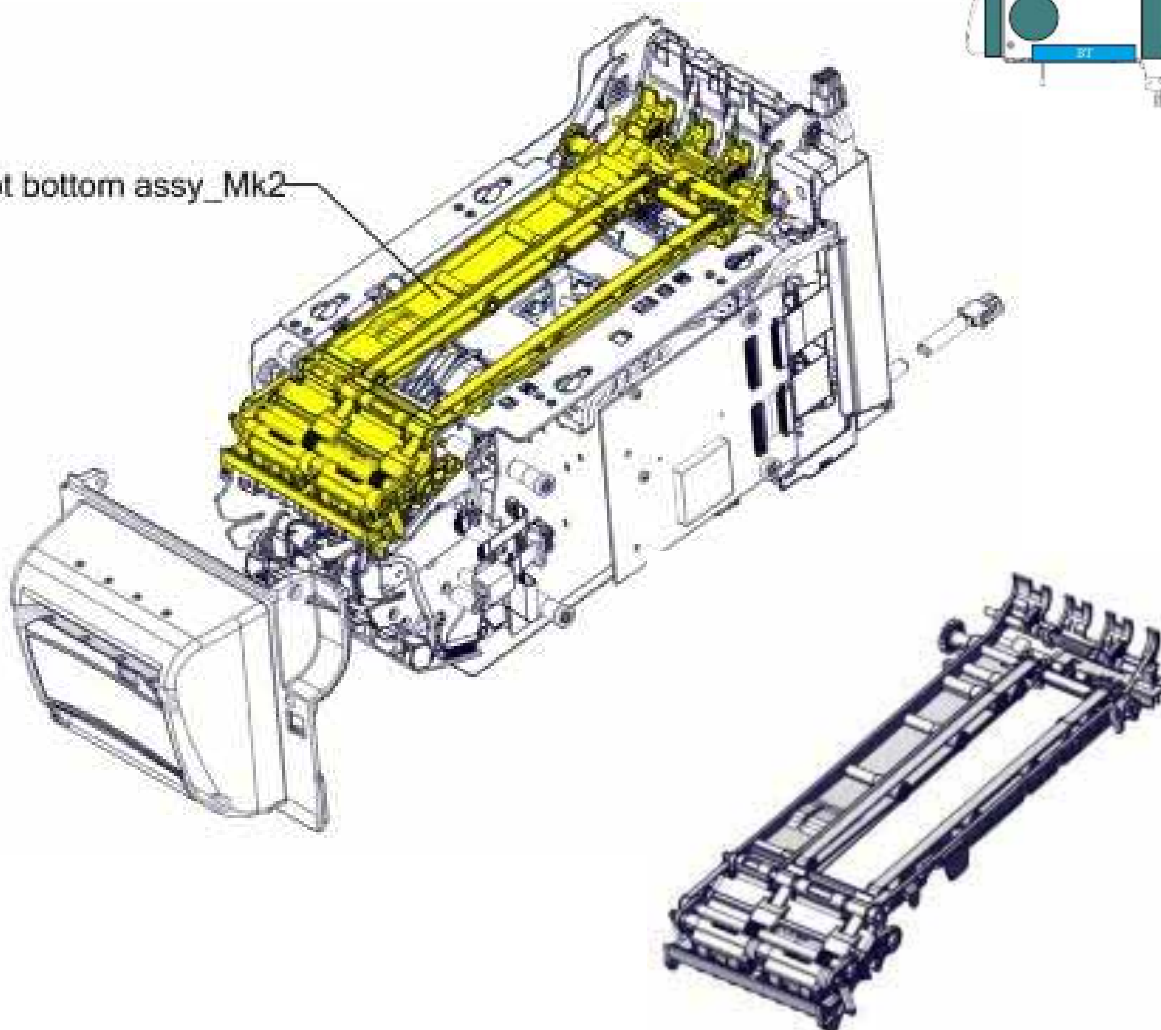
<i>Ref. To order</i>	662222001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-2-1

Part Number	984005275P1
Designation	S BNR, MMA-bt bottom assy, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓

MM-bt bottom assy_Mk2



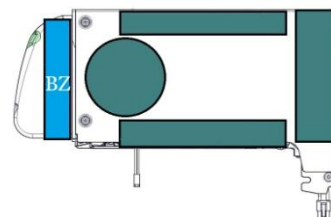
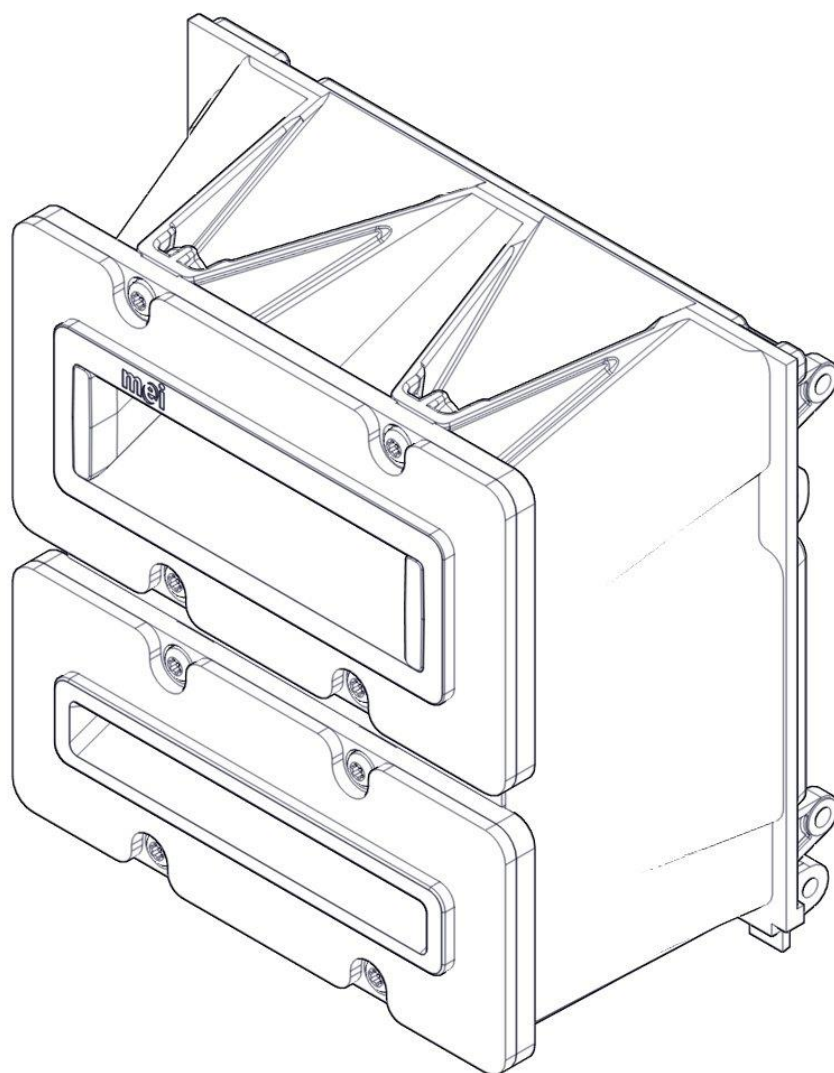
Ref. To order	984005275P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-AS-2-2	

Part Number

954362001P1

Designation

S BNR, BZ BEZEL D2 ASSY



4 screws M4x12 .
Drive type: Torx-Size 20
Torque 1 ± 0.06 N.m.
Speed 200-800 rpm.

Ref. To order

954362001P1

Packaging

x 1 piece

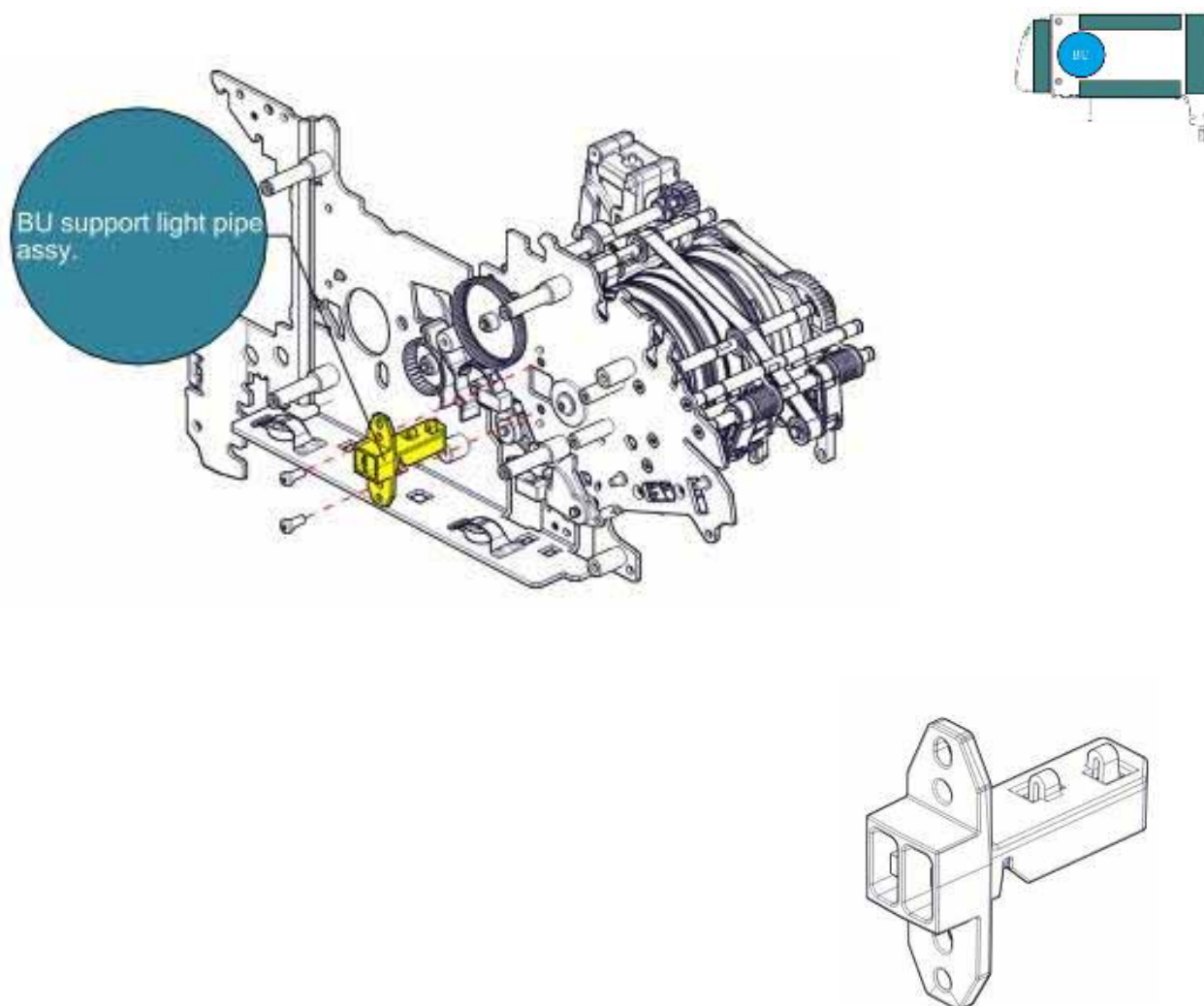
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-AS-5-1

<i>Part Number</i>	665576001P1
<i>Designation</i>	S BNR, BU-Support-light-pipe-assy, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	665576001P1
<i>Packaging</i>	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-AS-7-1

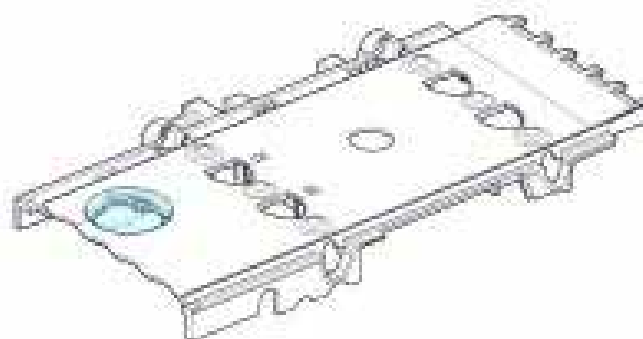
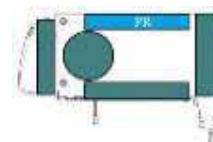
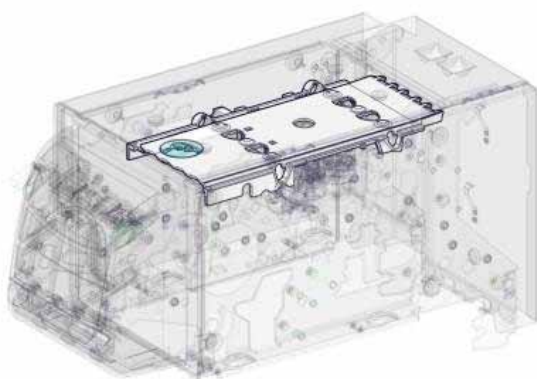


BNR Spare parts Catalogue - Main module

MM

Part Number	981732001P1
Designation	S BNR, PR-BI lower housing , PK1

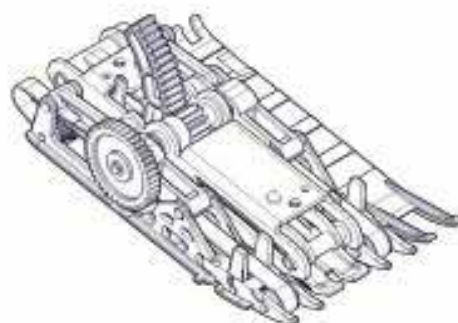
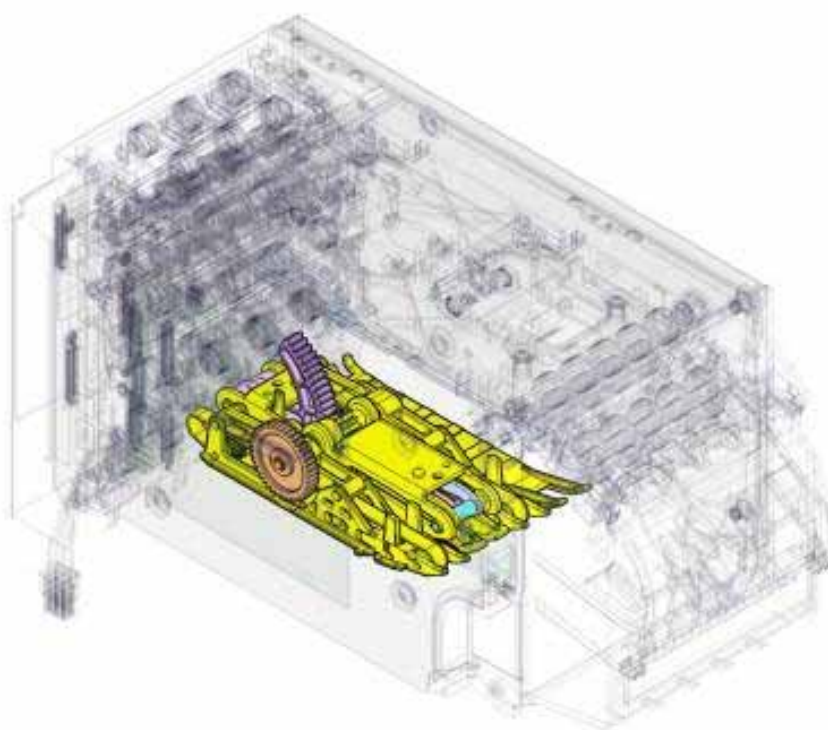
Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	981732001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-AS-8-1	

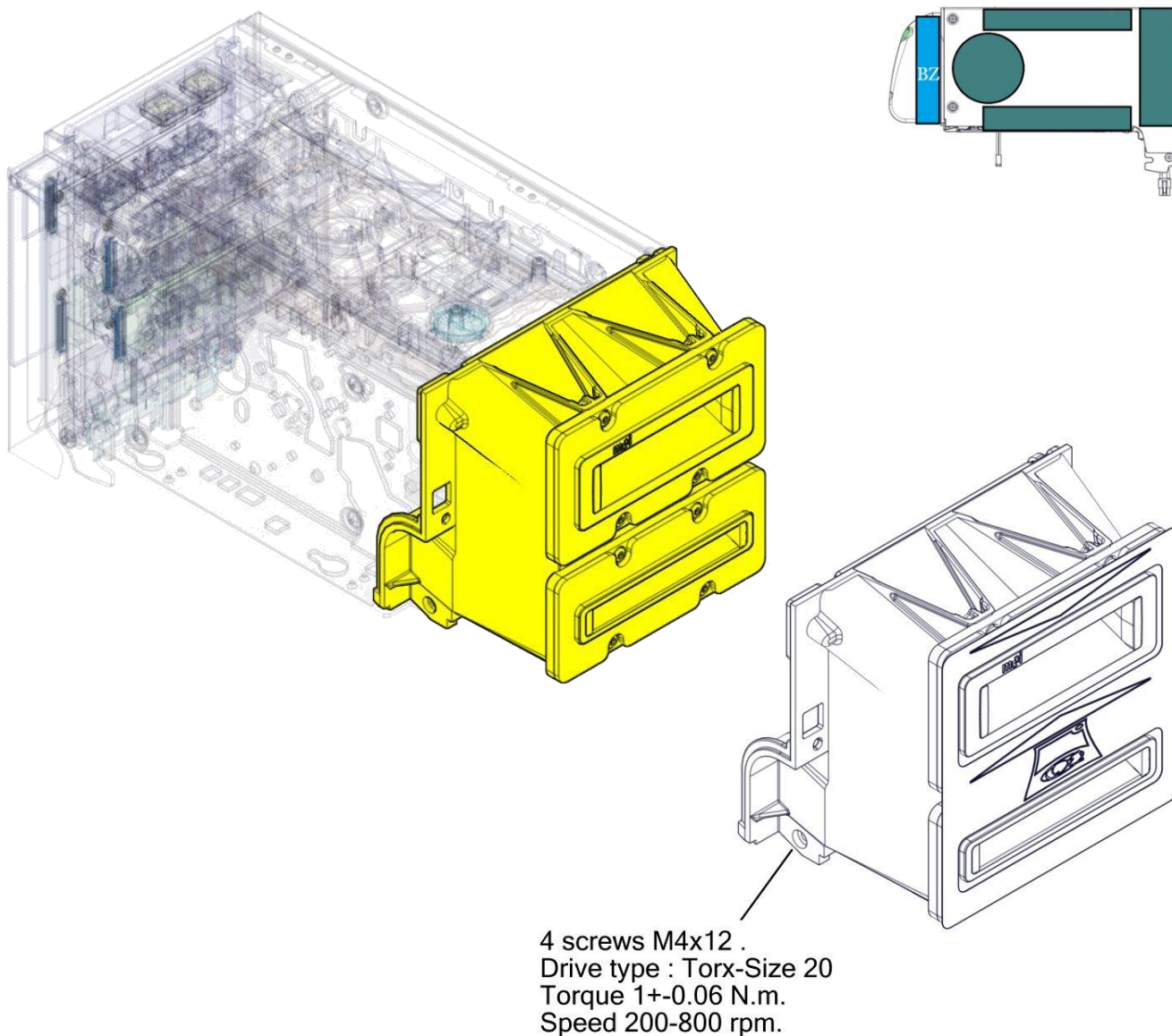
<i>Part Number</i>	955910001P1
<i>Designation</i>	S BNR, ST-piston assy, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	955910001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-AS-9-1	

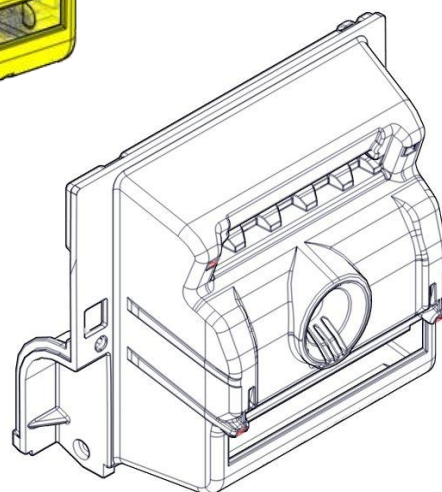
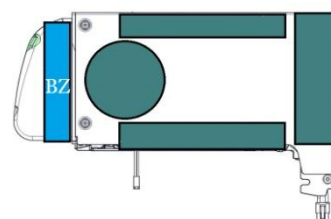
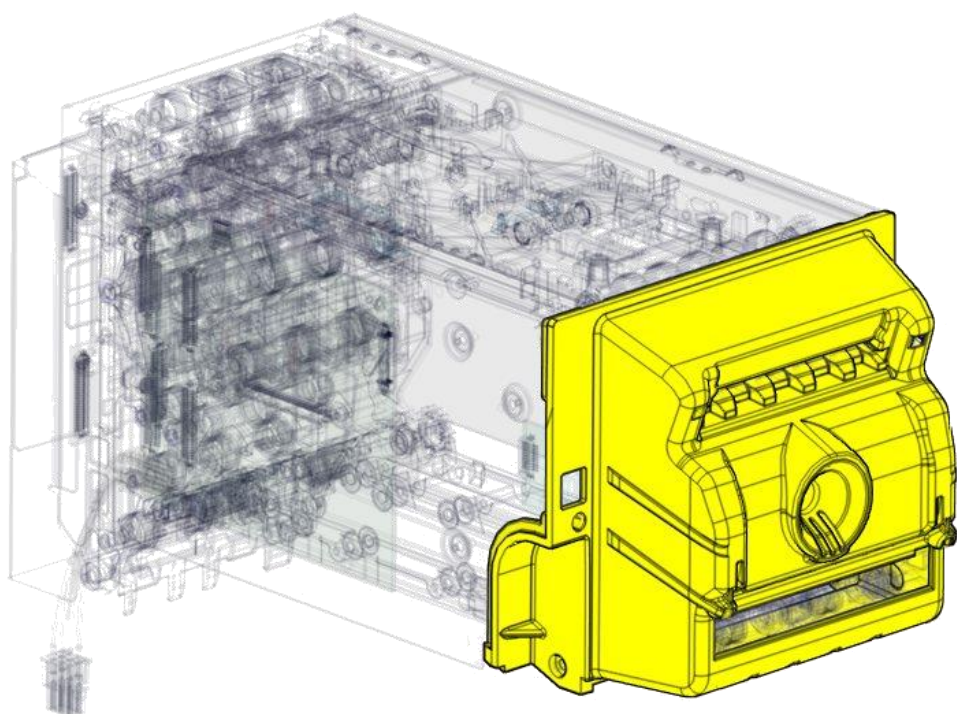
Part Number	952873001P1		
Designation	S BNR, BZ Bezel D1 assy		
Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



Ref. To order	952873001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-10-1

<i>Part Number</i>	673894001P1		
<i>Designation</i>	BZ- Internal assy_spare		
<i>Compatibility Statement</i>	MMV18	MMV19	MMAdv.
	✓	✓	✓

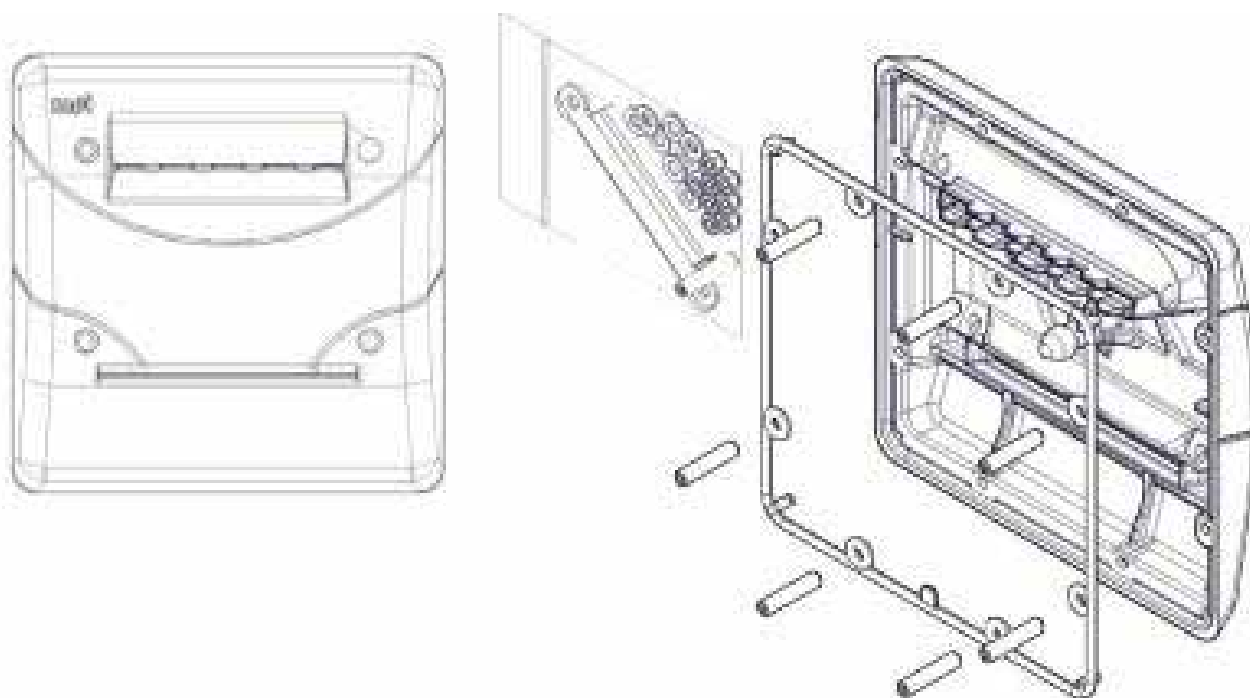
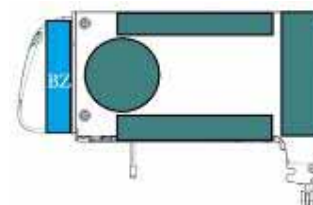


<i>Ref. To order</i>	673894001P1
<i>Packaging</i>	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-AS-11-1

<i>Part Number</i>	950266001P1		
<i>Designation</i>	BZ-Security assy-packaging_spare		
Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

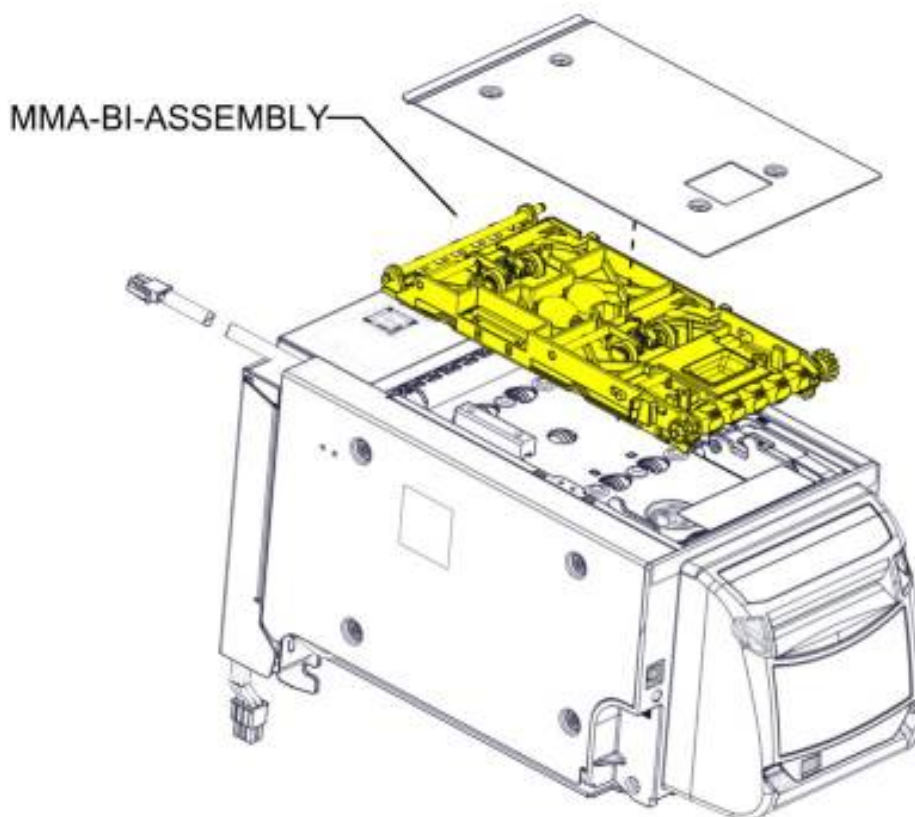


<i>Ref. To order</i>	950266001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-12-1

<i>Part Number</i>	984007274P1
<i>Designation</i>	S BNR, MMA-BI-ASSEMBLY, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

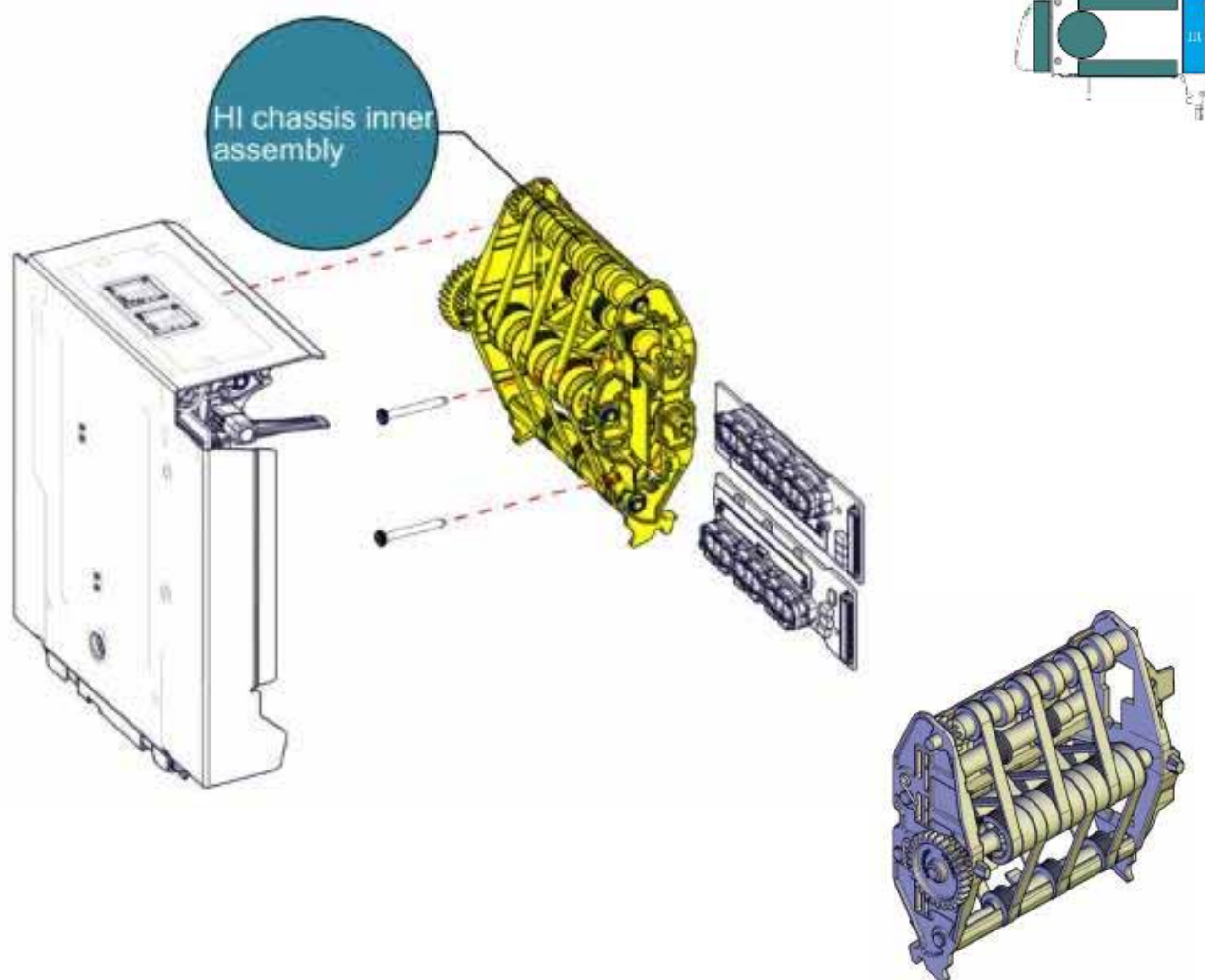


<i>Ref. To order</i>	984007274P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-13-2

Part Number	667450001P1
Designation	S BNR, HI-INNER CHASSIS ASSEMBLY, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X

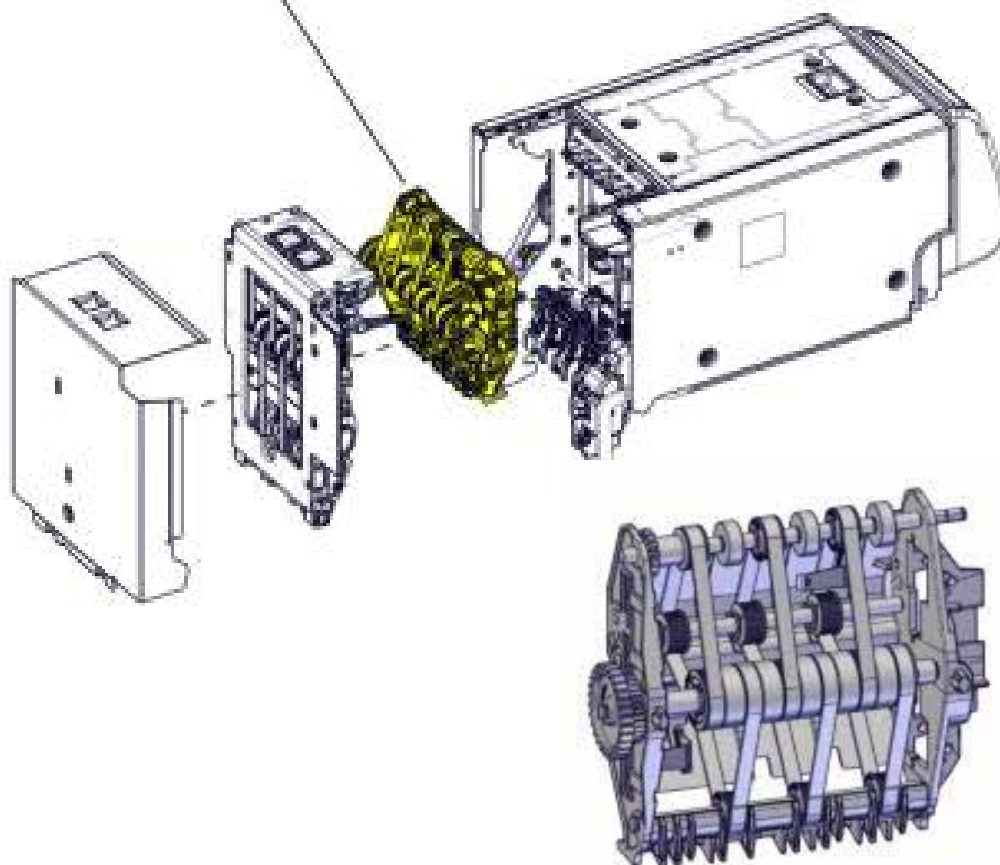


Ref. To order	667450001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-AS-14-1	

<i>Part Number</i>	984007279P1
<i>Designation</i>	S BNR, MMA-HI-INNER CHASSIS ASSEMBLY, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓

MMA HI INNER CHASSIS ASSEMBLY

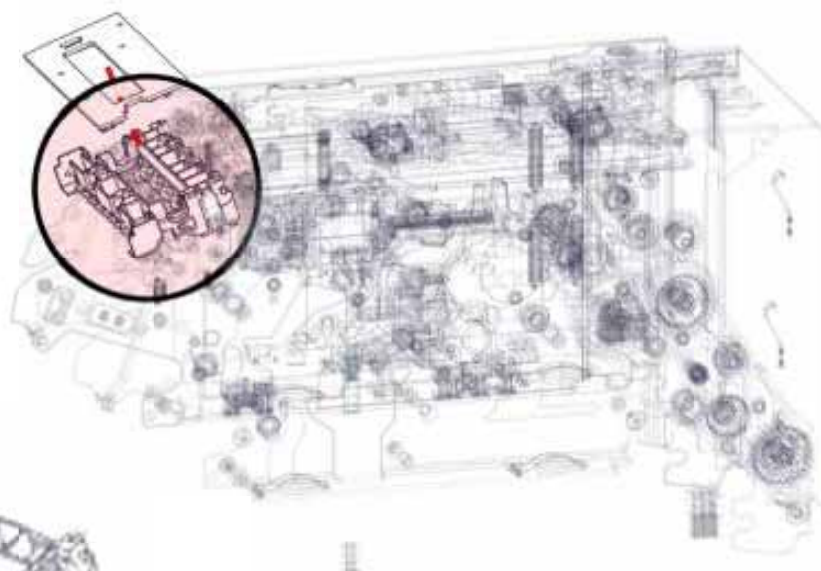
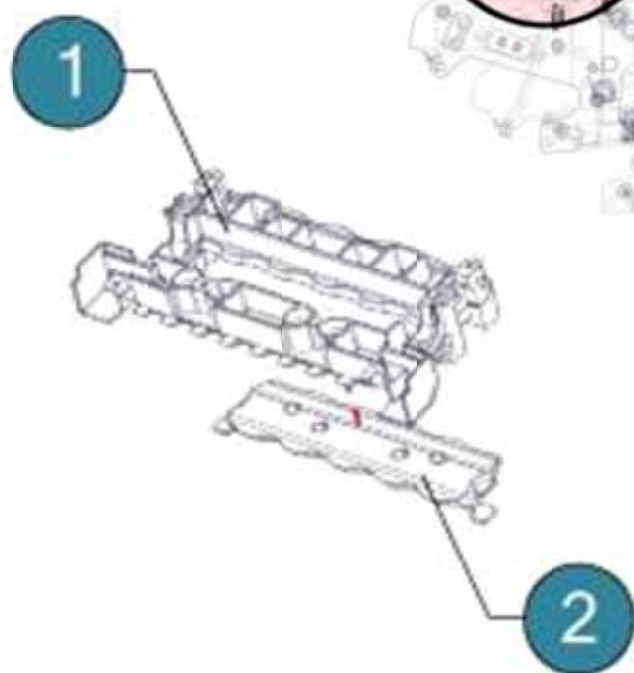
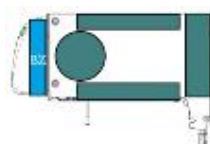


<i>Ref. To order</i>	984007279P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-MS-14-2

<i>Part Number</i>	982686001P1
<i>Designation</i>	S BNR, BI-INLET CHANNEL-ASSEMBLY, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	982686001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-15-1

Part Number

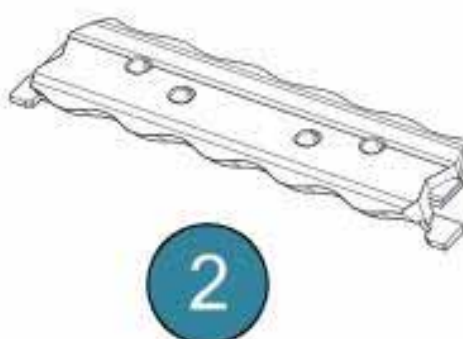
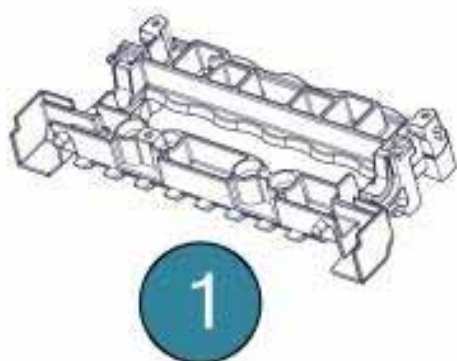
982686001P1

Designation

S BNR, BI-INLET CHANNEL-ASSEMBLY, PK1

List of components

Item	PN	Designation	QTY	Add. Remark
1	674484001	BI-Inlet-top channel	1	Not Available separately
2	649207001	BI channel bottom	1	Not Available separately
3	668004101	Pan Head Screw PT K20x6	2	Not Available separately



Ref. To order

982686001P1

Packaging

x 1 piece

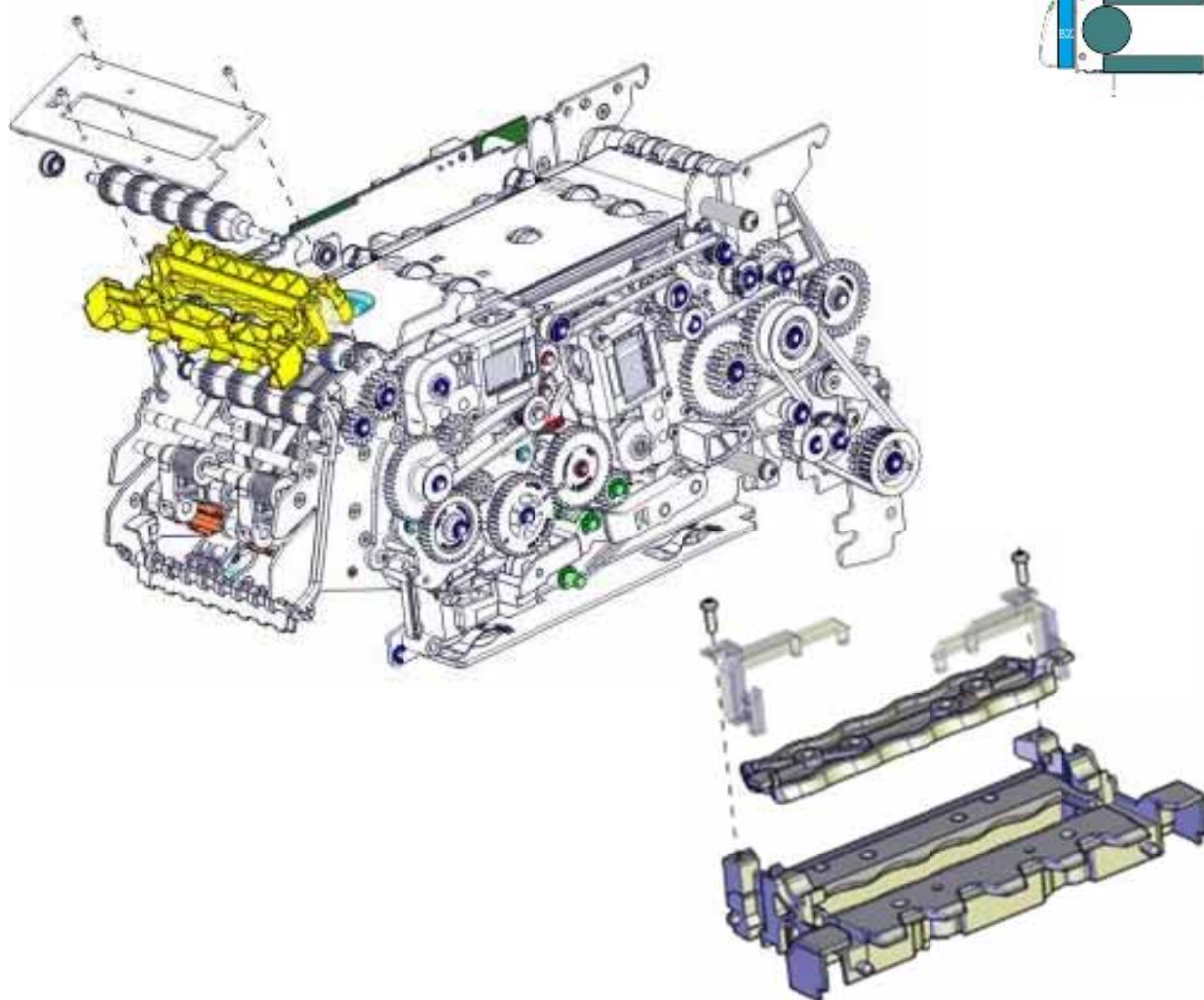
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-AS-15-2

<i>Part Number</i>	674497001P1
<i>Designation</i>	S BNR, BI-INLET CHANNEL ASSY, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

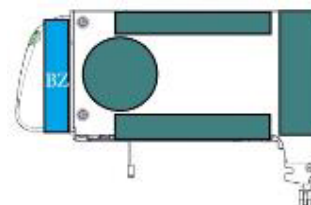
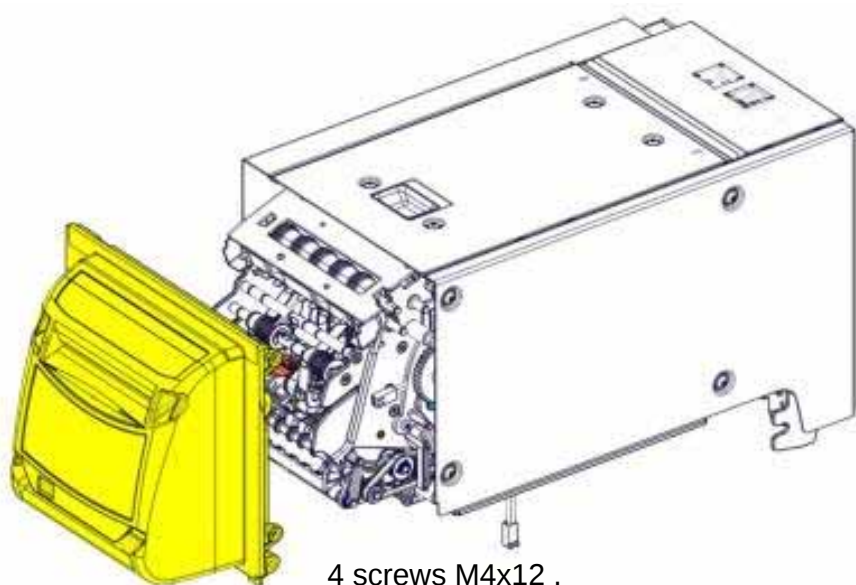


<i>Ref. To order</i>	674497001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-16-1

<i>Part Number</i>	953963001P1
<i>Designation</i>	S BNR, BZ-bezel assy. Grey, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



4 screws M4x12 .
Drive type : Torx-Size 20
Torque 1 0.06 N.m.
Speed 200-800 rpm.



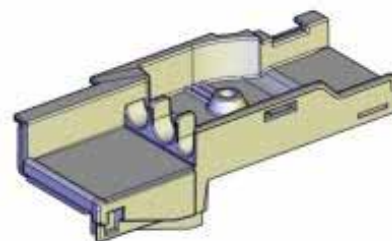
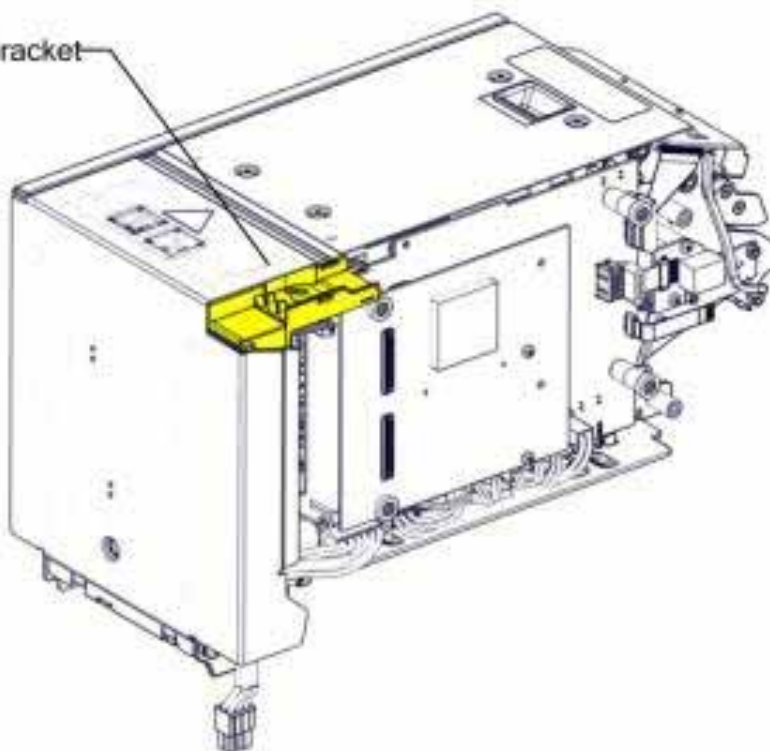
<i>Ref. To order</i>	953963001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-17-1

<i>Part Number</i>	668346001P10
<i>Designation</i>	S BNR, MM External Cables Bracket, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

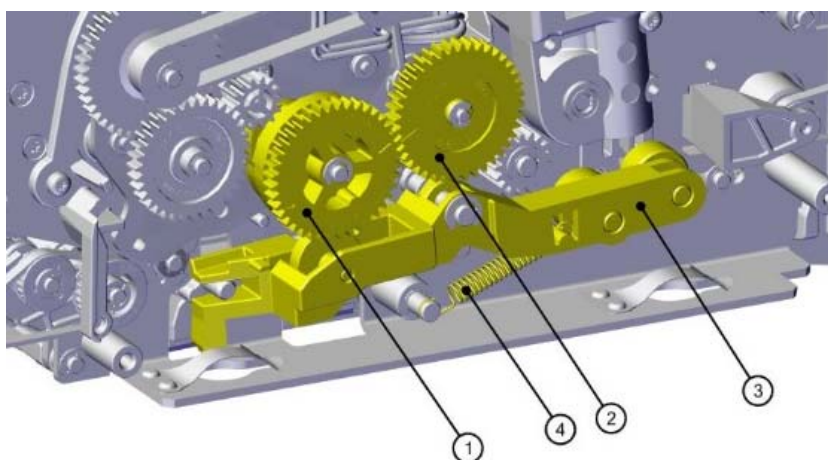
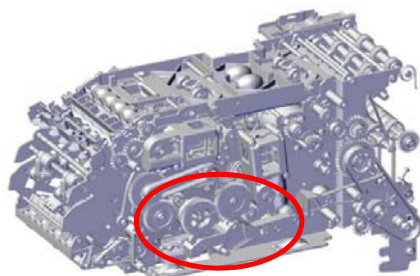
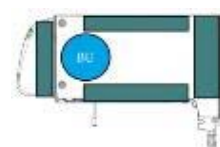
MM External Cables Bracket



<i>Ref. To order</i>	668346001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-AS-18-1	

Part Number	984005758P1
Designation	S BNR, Bundler Diverter Lever Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X



Item	PN	Designation	QTY	Add. remark
1	65749 4 001	BU-Gear-40t-double-came	1	
2	65009 9 001	BU-gear-40t-m0.8	1	
3	66565 2 001	BU-driving-lever-came-assy	1	
4	66305 8 001	BU-spring-driving-lever-came	1	

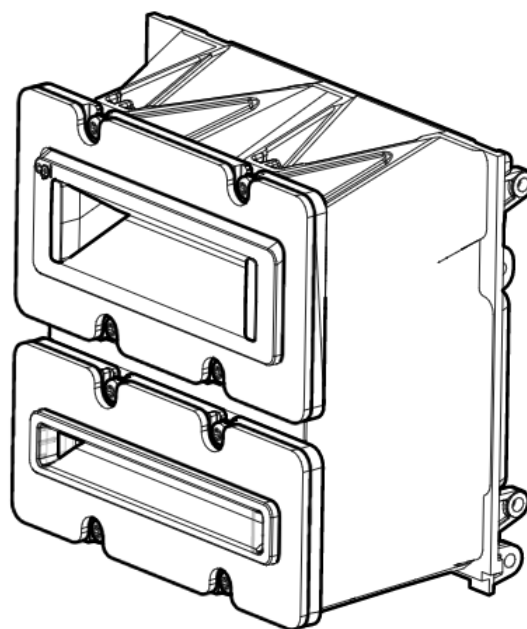
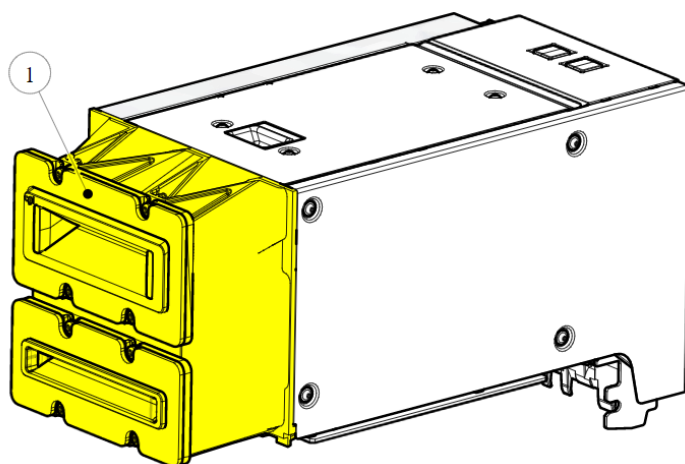
			
1	2	3	4

Ref. To order	984005758P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-AS-20-1

Part Number	984006906P1		
Designation	S BNR, BZ-Bezel D4 assy, PK1		
Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



Item	PN	Designation	QTY	Add. remark
1	984004902	BZ-Bezel D4 assy	1	

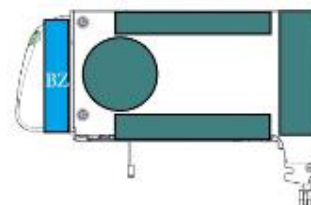
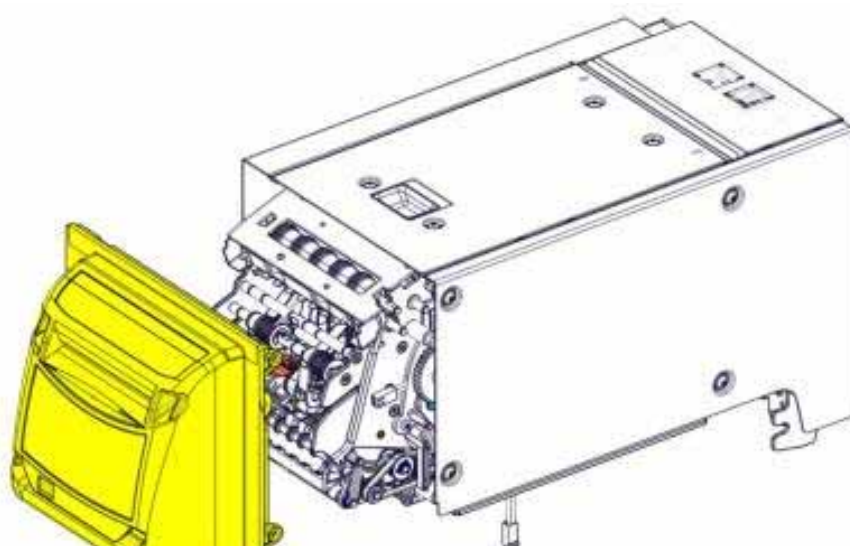
Ref. To order	984006906P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-AS-21-1

<i>Part Number</i>	675236001P1
<i>Designation</i>	S BNR, BZ-Bezel B2 (Black) assy,PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



4 screws M4x12 .
Drive type : Torx-Size 20
Torque 1 0.06 N.m.
Speed 200-800 rpm.

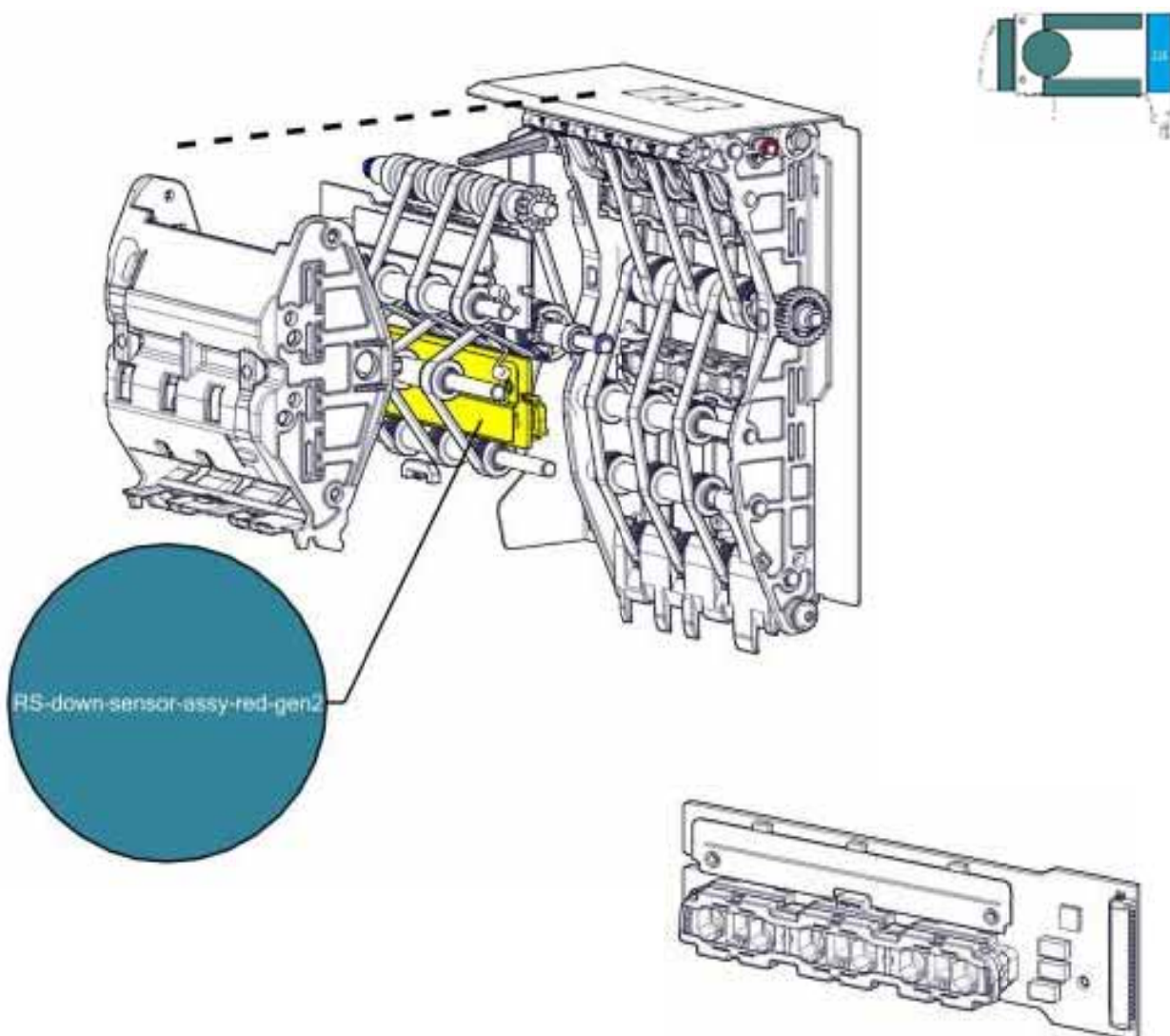


<i>Ref. To order</i>	675236001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-AS-22-1

Part Number	955096001P1
Designation	S BNR, RS-down-sensor-assy-red-gen2, PK1

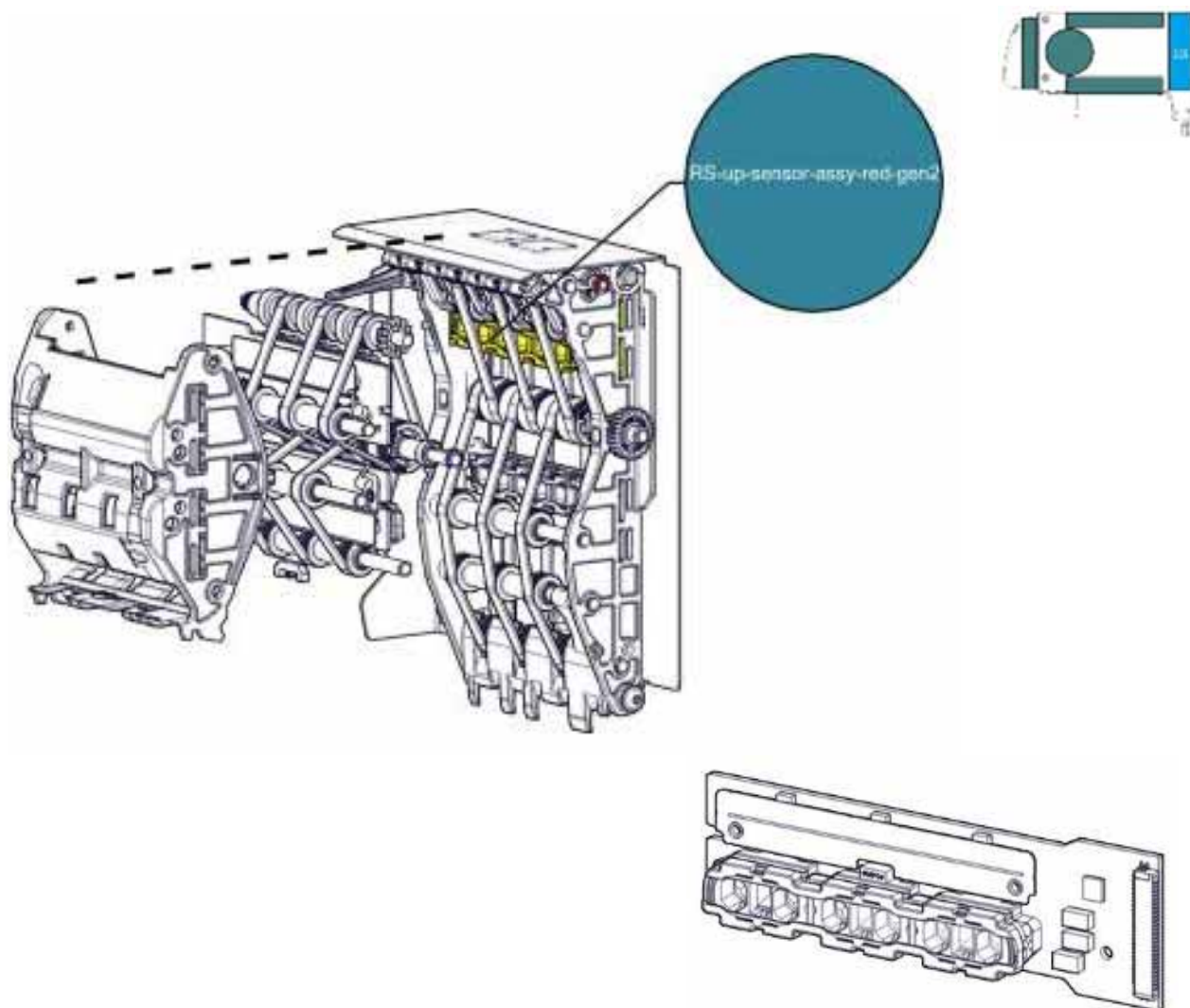
Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	955096001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-PC-1-2	

<i>Part Number</i>	955101001P1
<i>Designation</i>	S BNR, RS-up-sensor-assy-red-gen2, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	955101001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-2-2

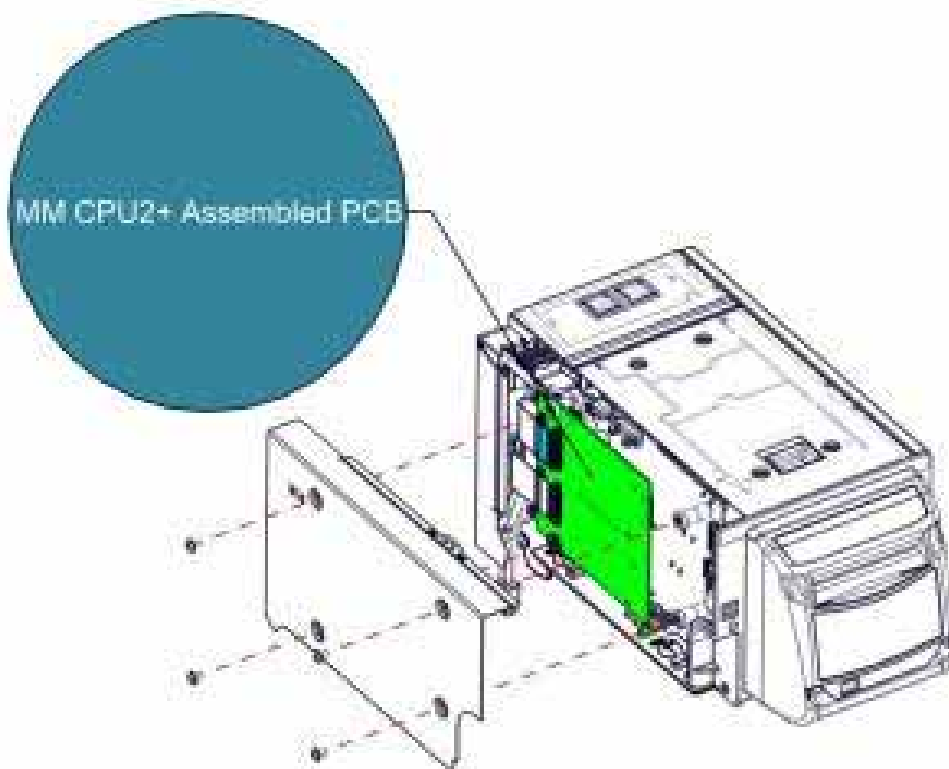


BNR Spare parts Catalogue - Main module

MM

Part Number	982262001P1
Designation	S BNR, MM - CPU2+ Assembled PCB , PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

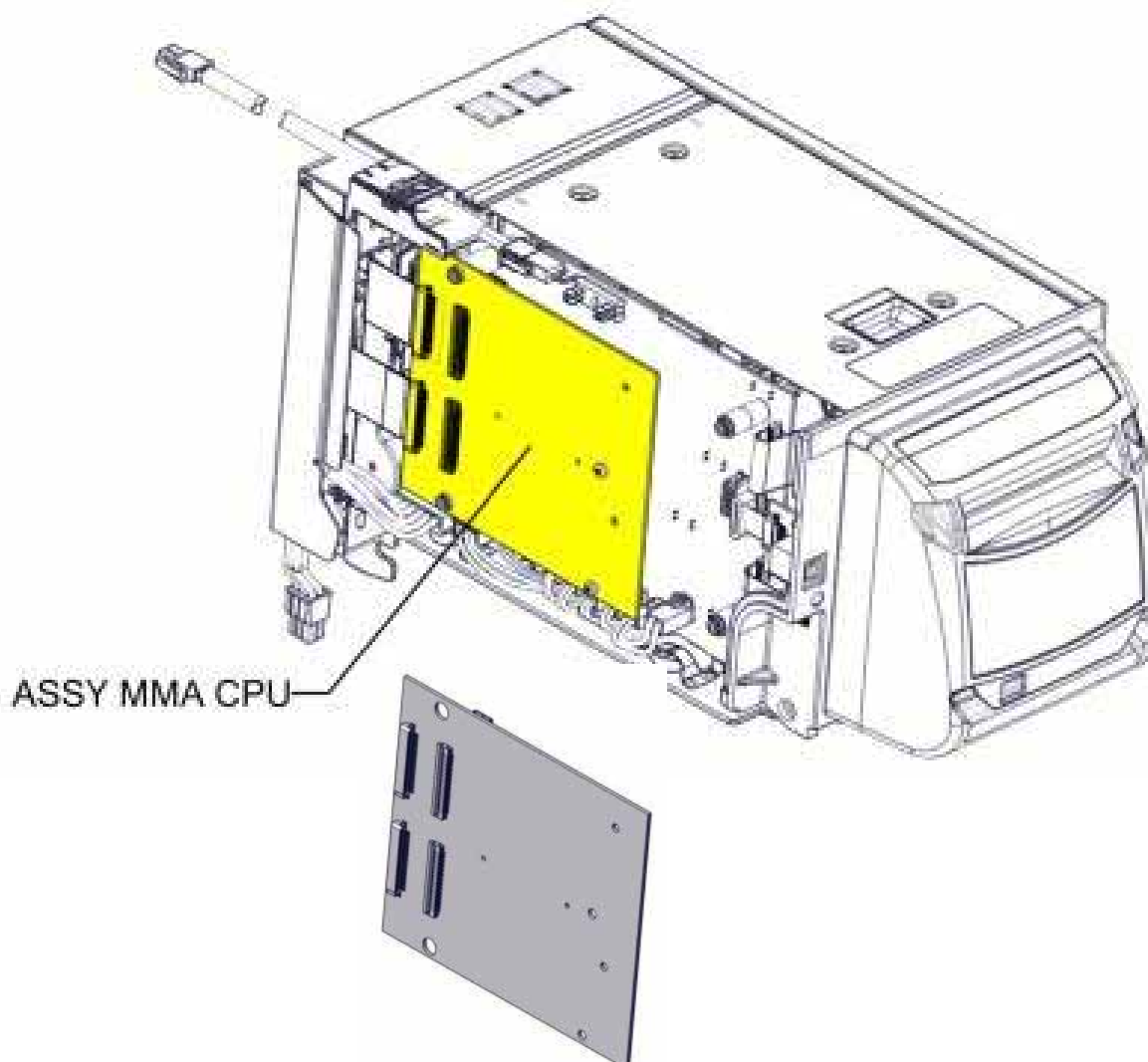


Ref. To order	982262001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-3-2

<i>Part Number</i>	111556746P1
<i>Designation</i>	S BNR, MMA Assembled CPU , PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓

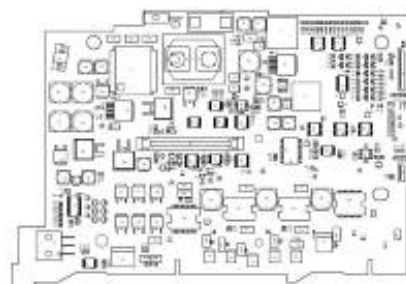
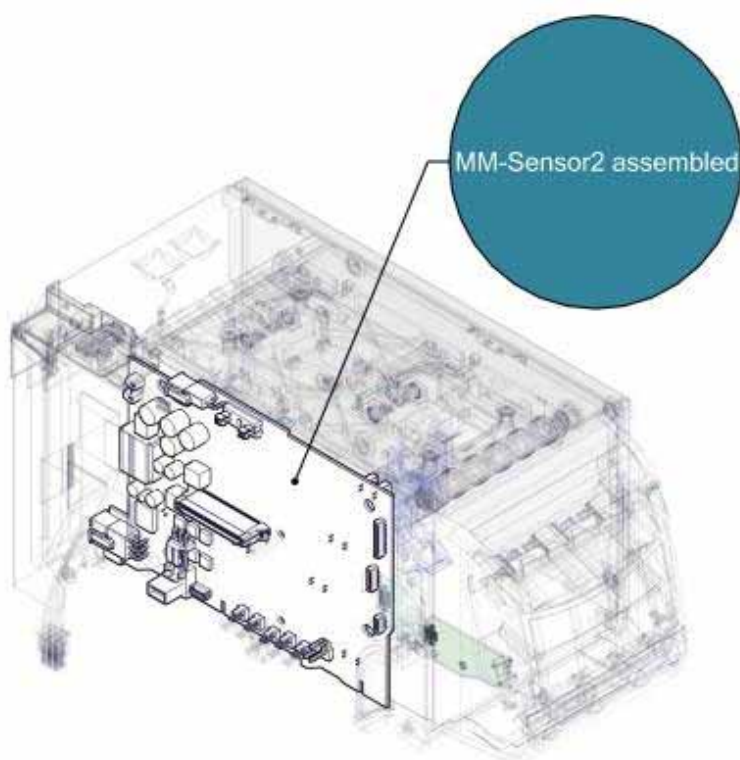


<i>Ref. To order</i>	111556746P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-3-3

<i>Part Number</i>	666344001P1
<i>Designation</i>	S BNR, MM-SENSOR2-ASSEMBLED-PCB, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

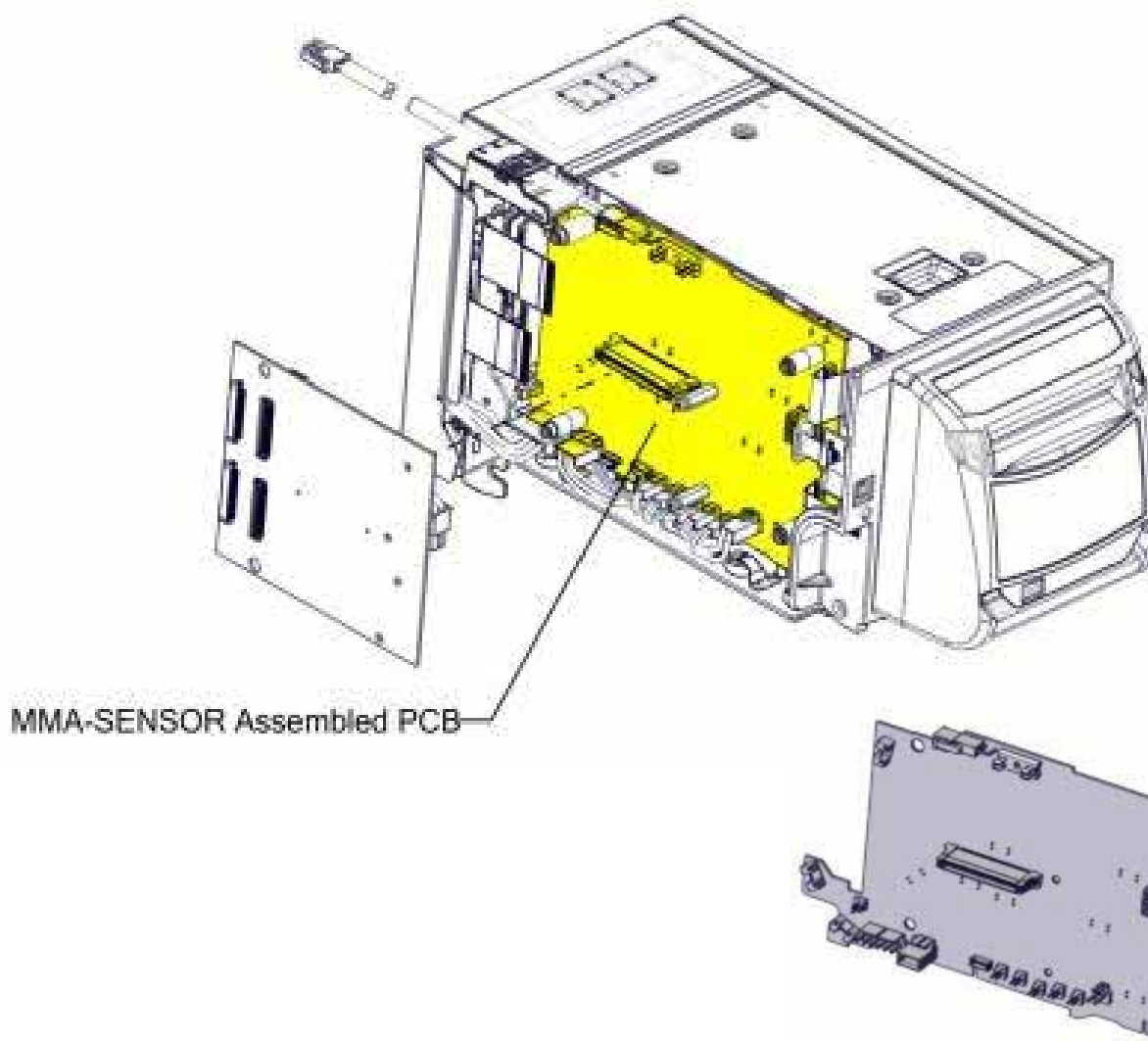


<i>Ref. To order</i>	666344001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-4-1

<i>Part Number</i>	984001113P1
<i>Designation</i>	S BNR,MMA-SENSOR Assembled PCB, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	X	X	✓

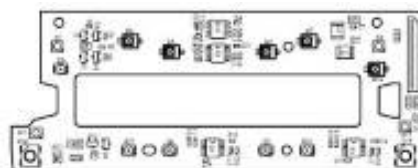
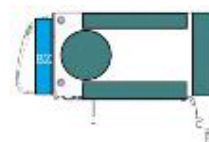
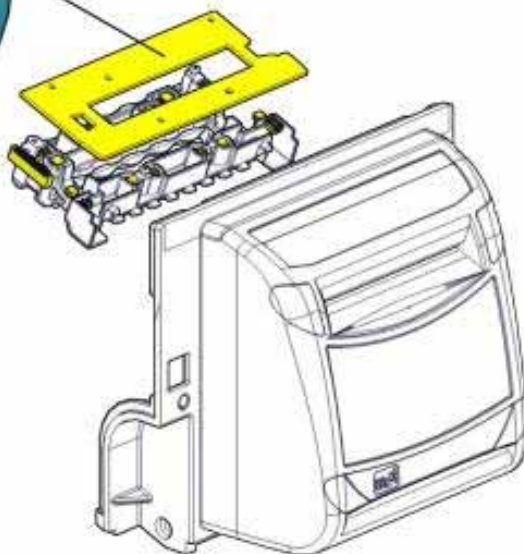


<i>Ref. To order</i>	984001113P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-4-2

<i>Part Number</i>	648235001P1
<i>Designation</i>	S BNR MM,INLET,ASSY,PCA, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X



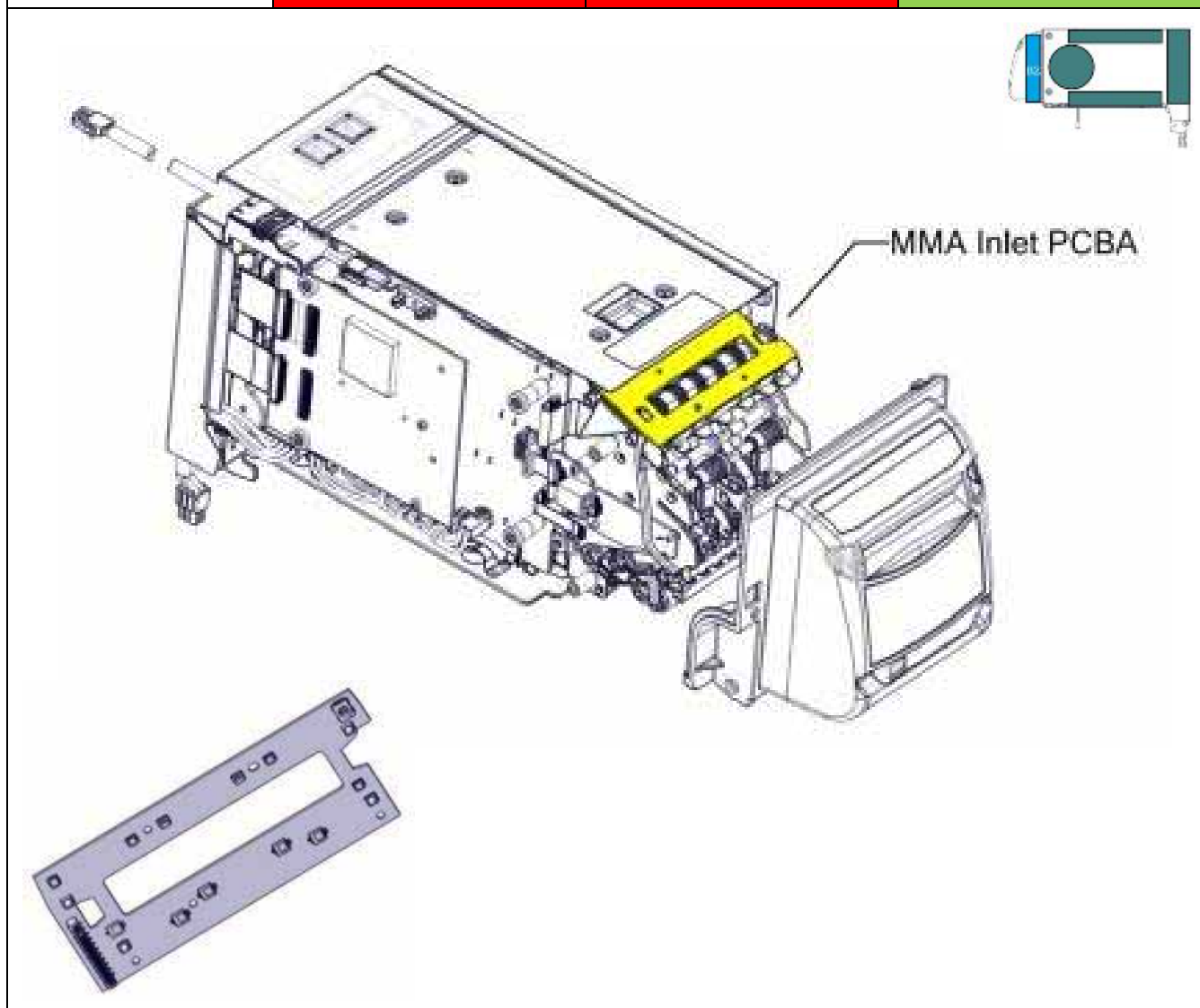
<i>Ref. To order</i>	648235001P1
<i>Packaging</i>	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PC-5-1

<i>Part Number</i>	111554747P1
<i>Designation</i>	S BNR MMA,INLET,ASSY,PCA, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓

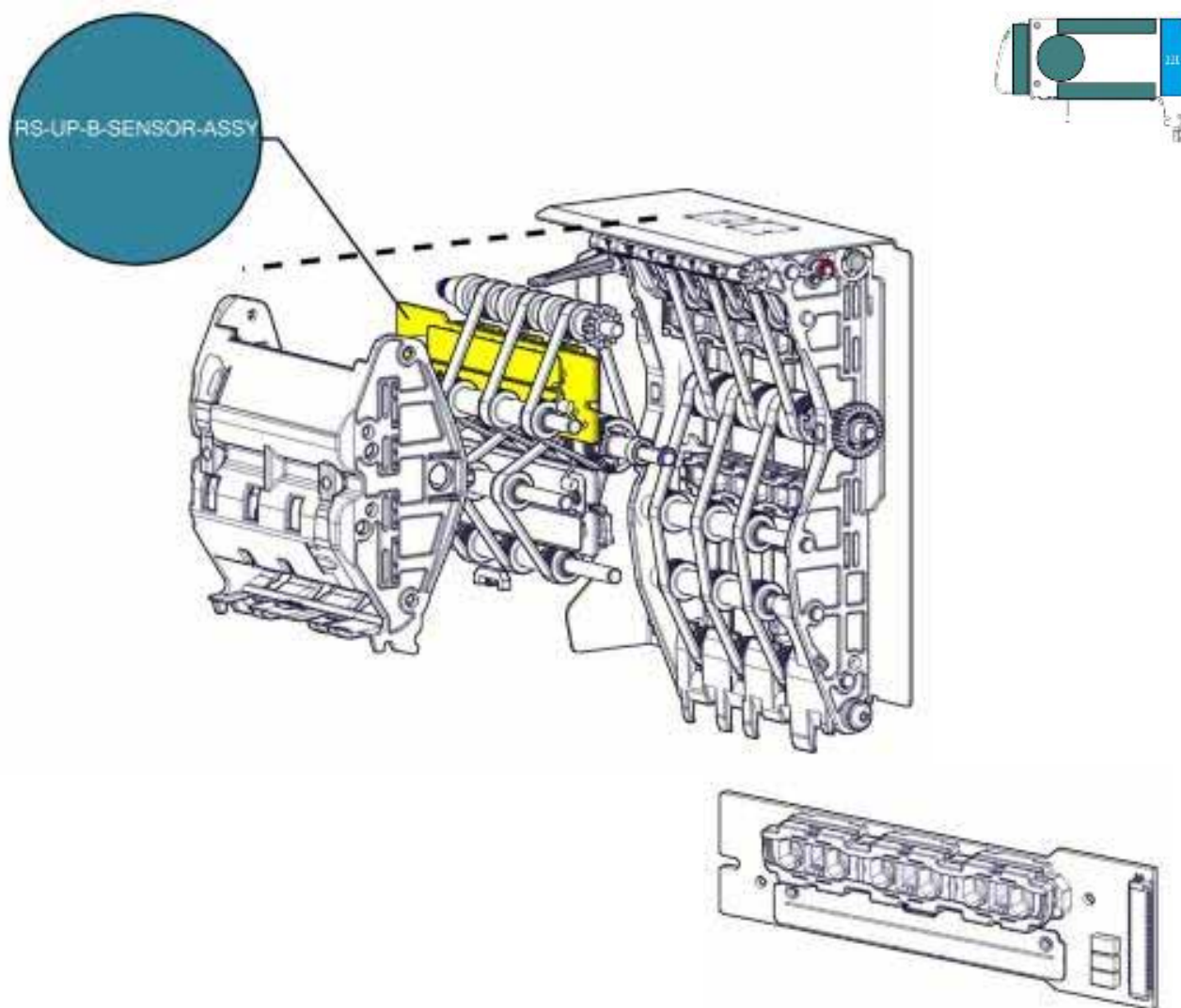


<i>Ref. To order</i>	111554747P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-5-2

<i>Part Number</i>	675707001P1
<i>Designation</i>	S BNR,RS-UP-B-SENSOR-ASSY

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

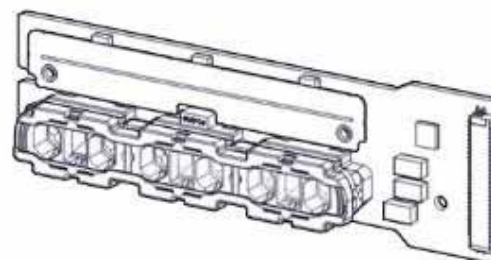
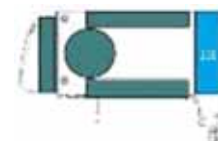
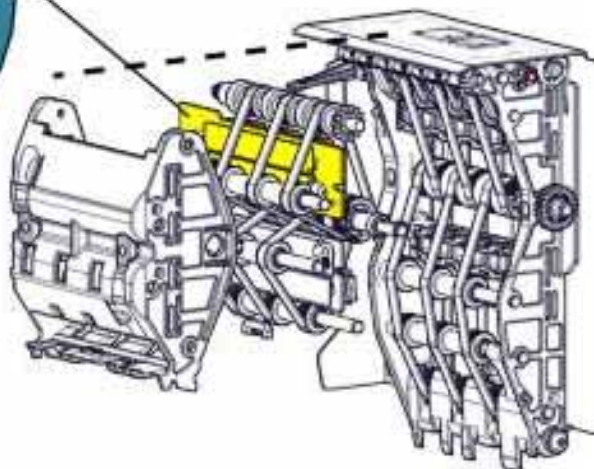
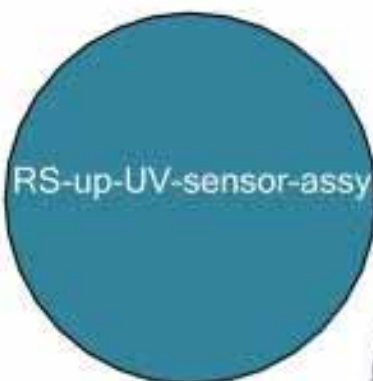


<i>Ref. To order</i>	675707001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-6-1

<i>Part Number</i>	980553001P1
<i>Designation</i>	S BNR, RS-up-UV-sensor-assy, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

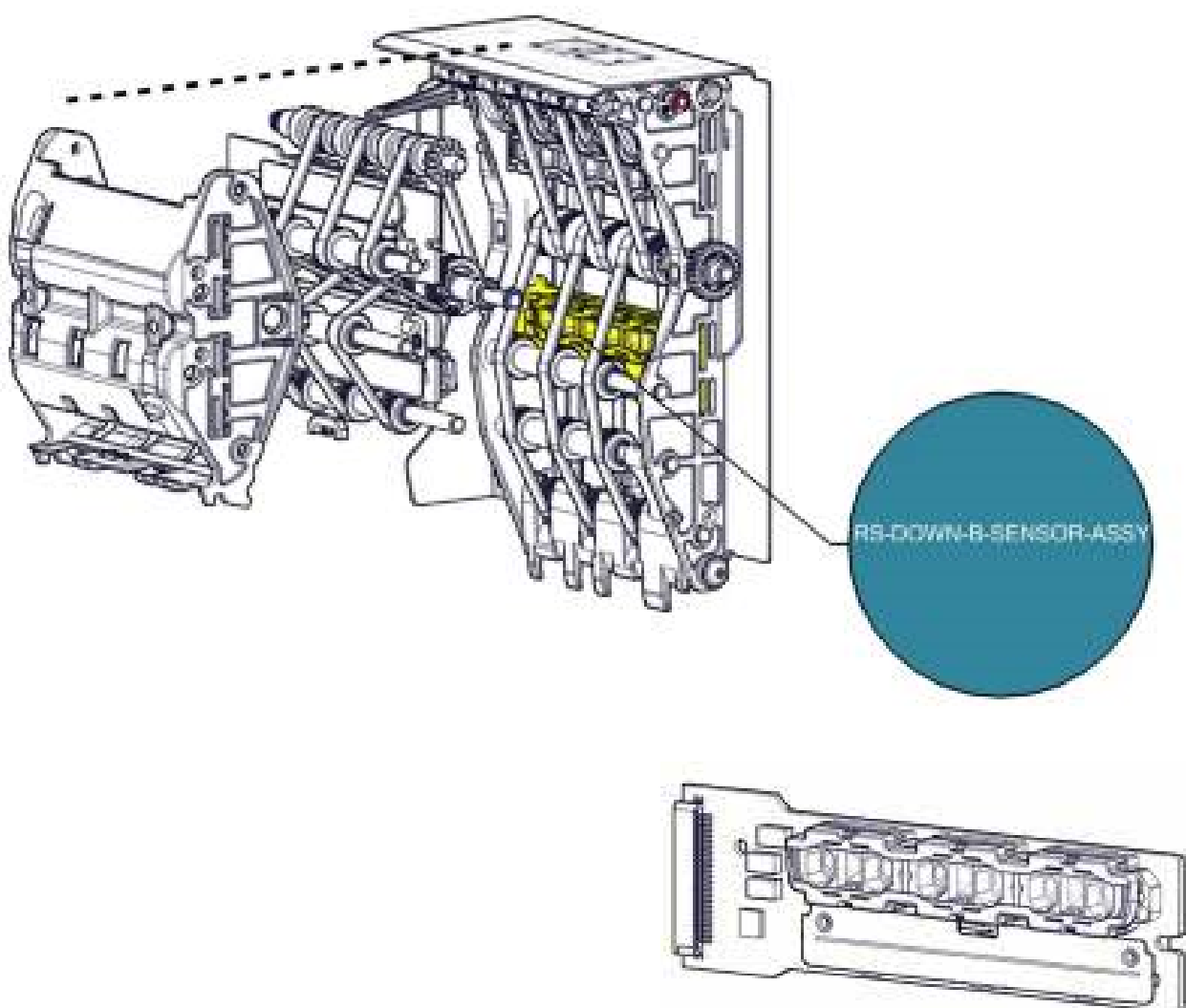


<i>Ref. To order</i>	980553001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site:	
http://www.cranepi.com/	

MM-PC-6-2

Part Number	675692001P1
Designation	S BNR,RS-DOWN-B-SENSOR-ASSY

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

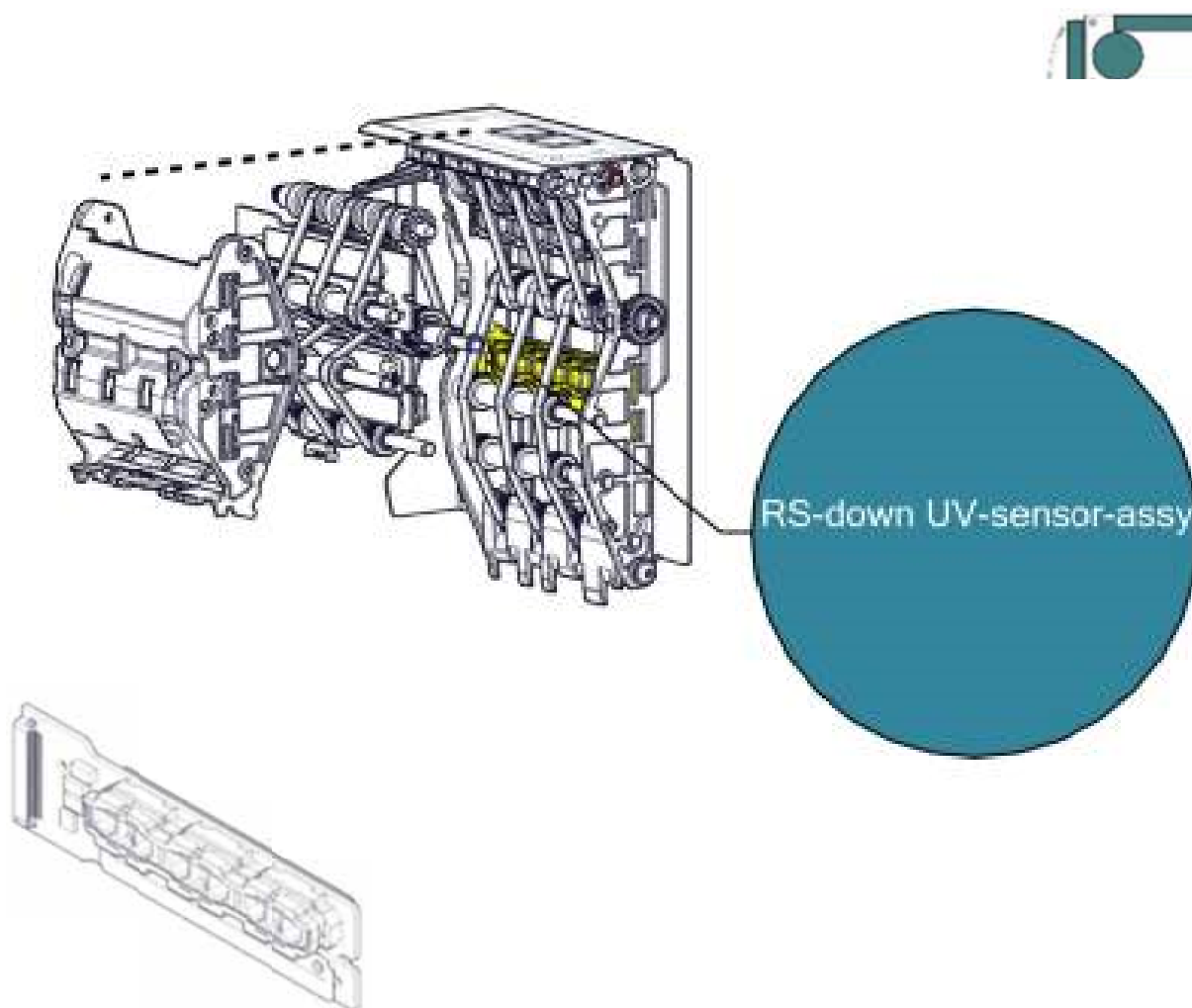


Ref. To order	675692001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-7-1

<i>Part Number</i>	980540001P1
<i>Designation</i>	S BNR, RS-down UV-sensor-assy, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

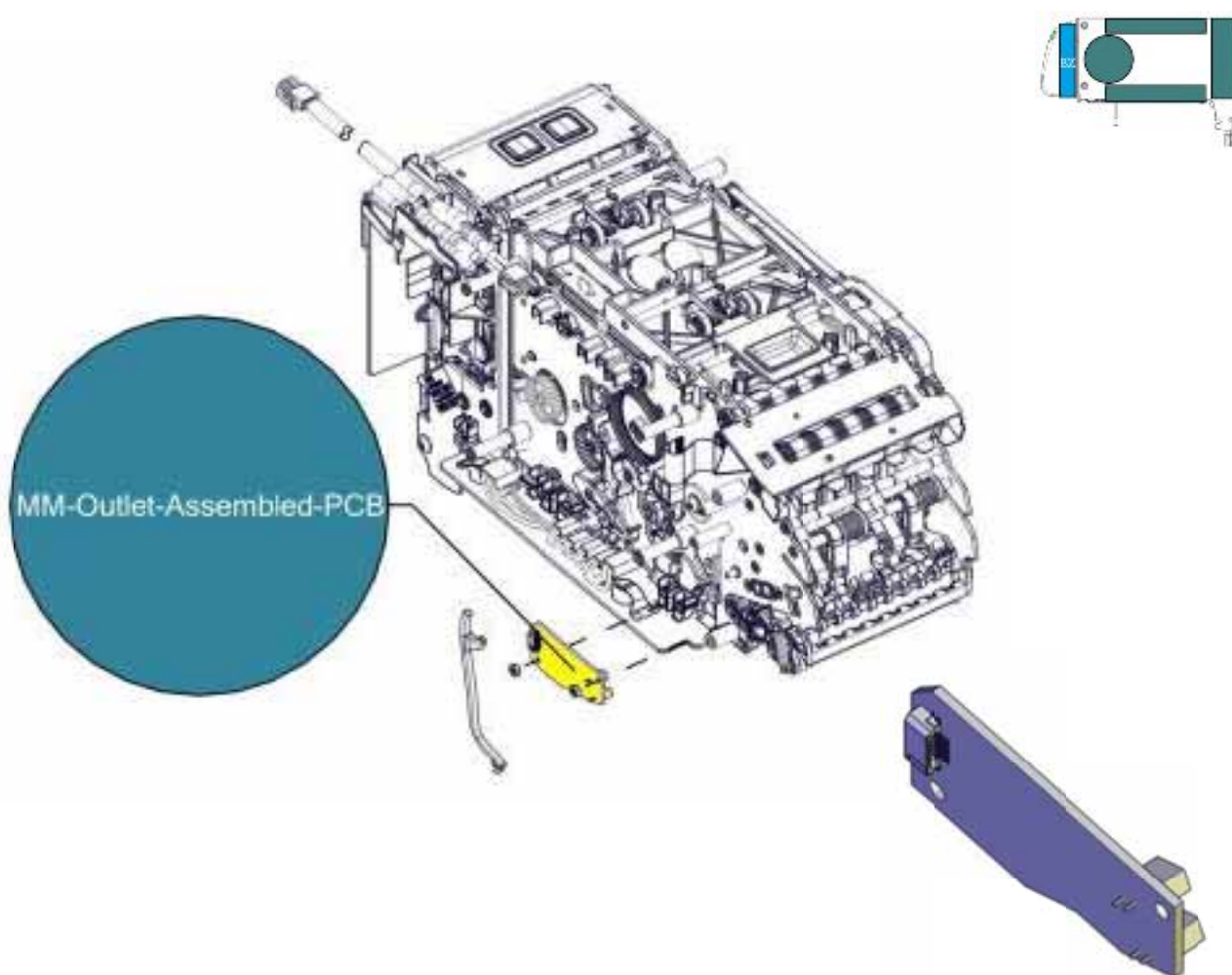


<i>Ref. To order</i>	980540001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-7-2

Part Number	648264001P1
Designation	S BNR, MM OUTLET PCB ASSY, PK1

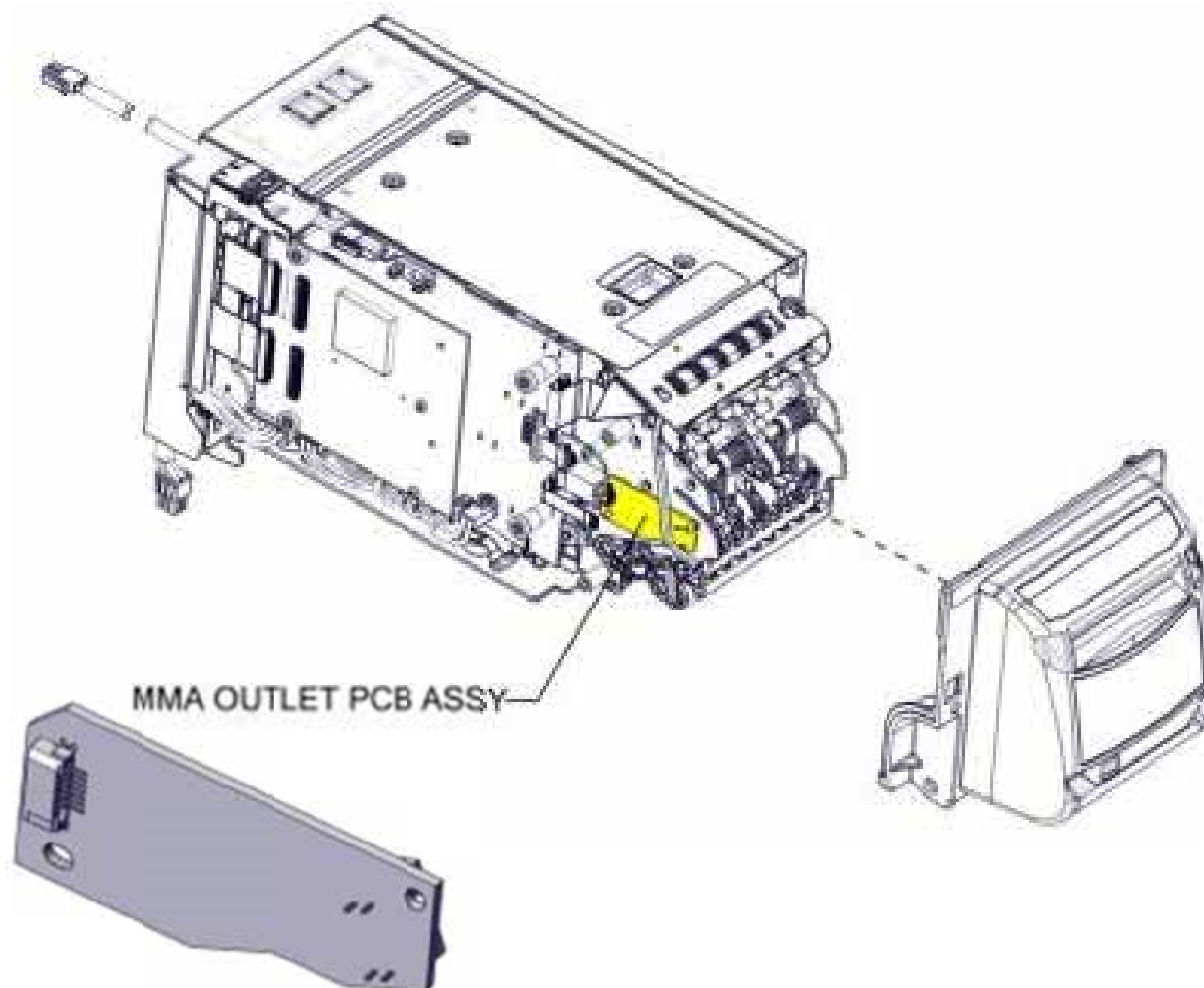
Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X



Ref. To order	648264001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-PC-8-1	

<i>Part Number</i>	111552748P1
<i>Designation</i>	S BNR, MMA OUTLET PCB ASSY, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓

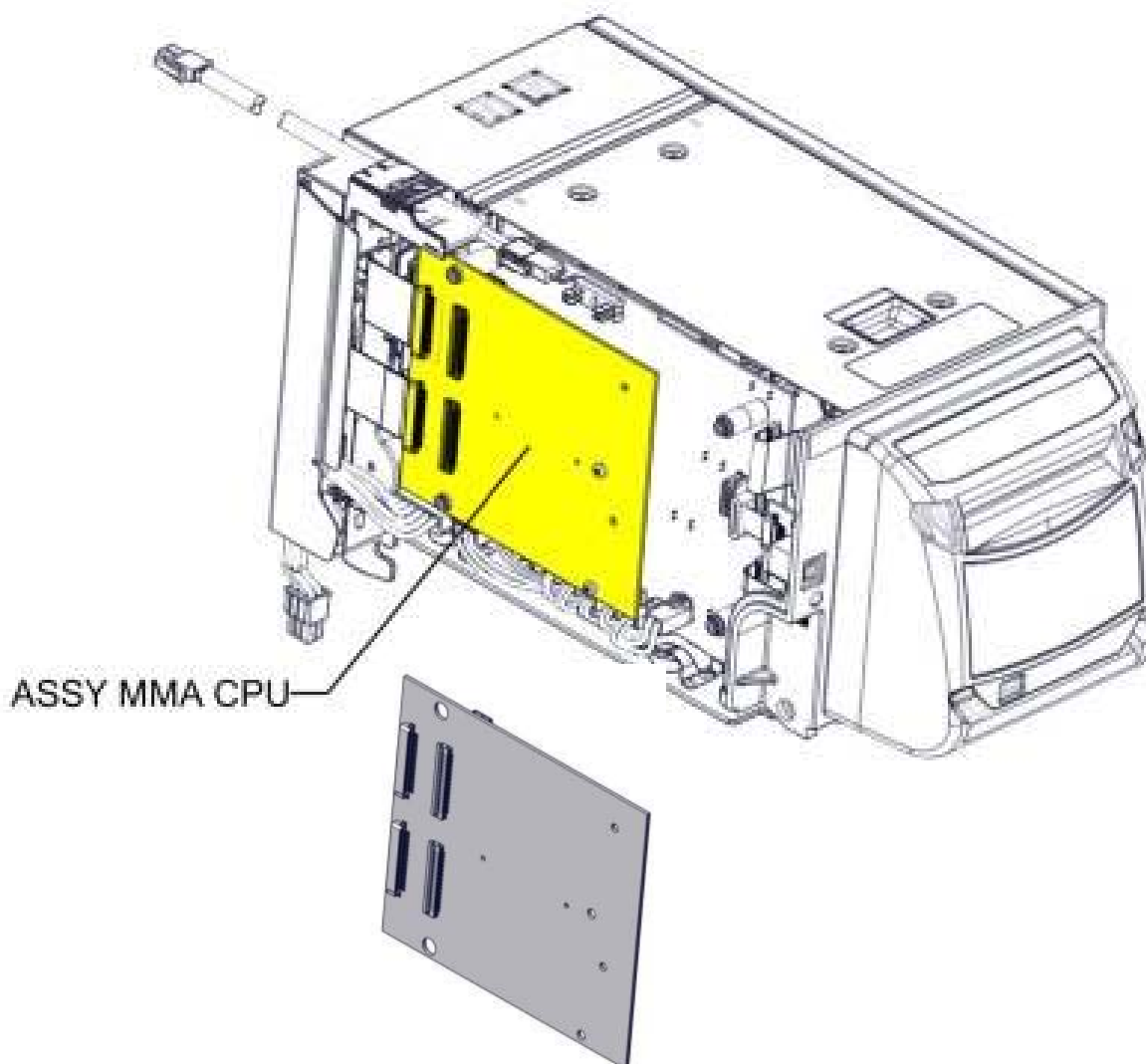


<i>Ref. To order</i>	111552748P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PC-8-2

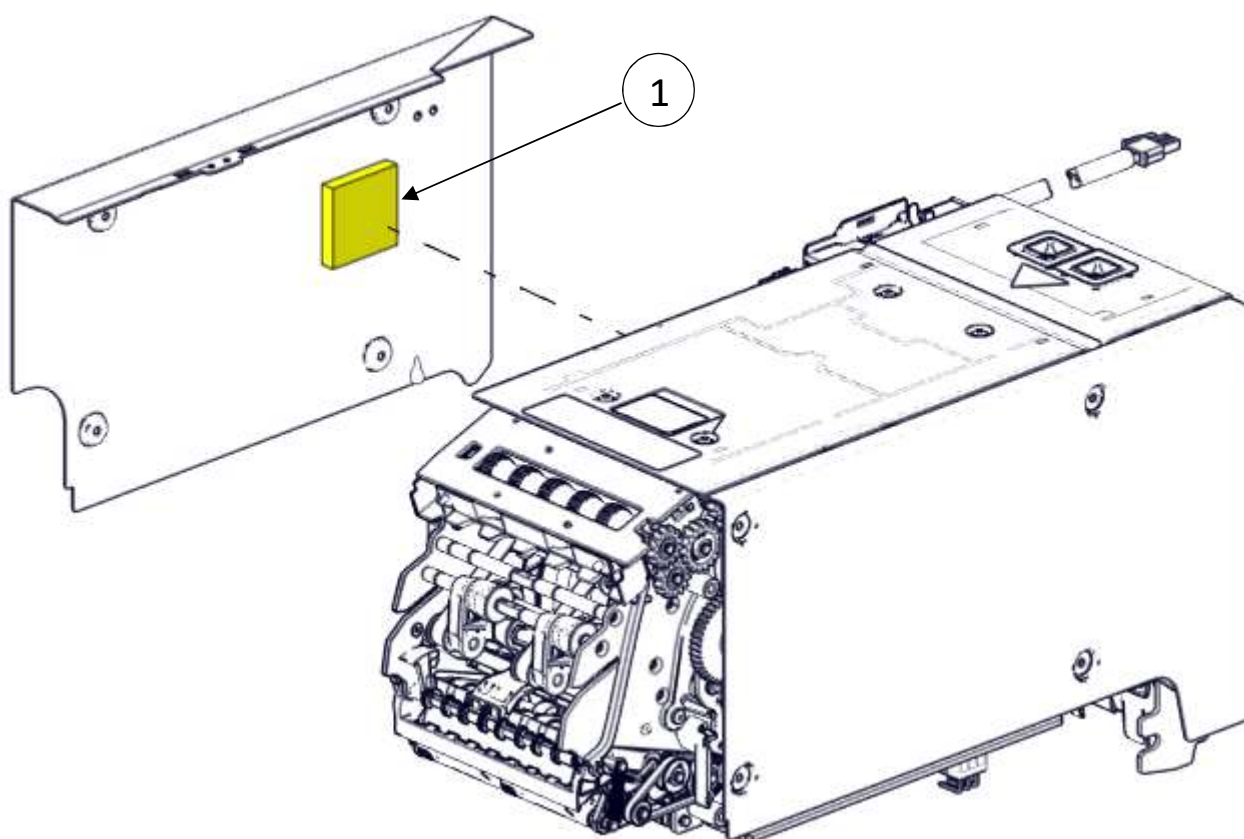
<i>Part Number</i>	984005939P1
<i>Designation</i>	S BNR, MMA CPU Select , PK1

Compatibility Statement	MMV18	MMV19	MMAdv.	MMAdv. BNR select
	X	X	X	✓



<i>Ref. To order</i>	984005939P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-PC-9-1	

Part Number	673938001P10		
Designation	S BNR, MM THERMALLY CONDUCTIVE PAD, PK10		
Compatibility Statement	MMV18	MMV19	MM Adv.
	✓	✓	✓



Item	PN	Designation	QTY	Add. remark
1	673938001	THERMALLY CONDUCTIVE PAD	1	Not available separately

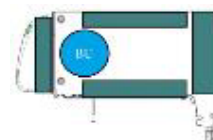
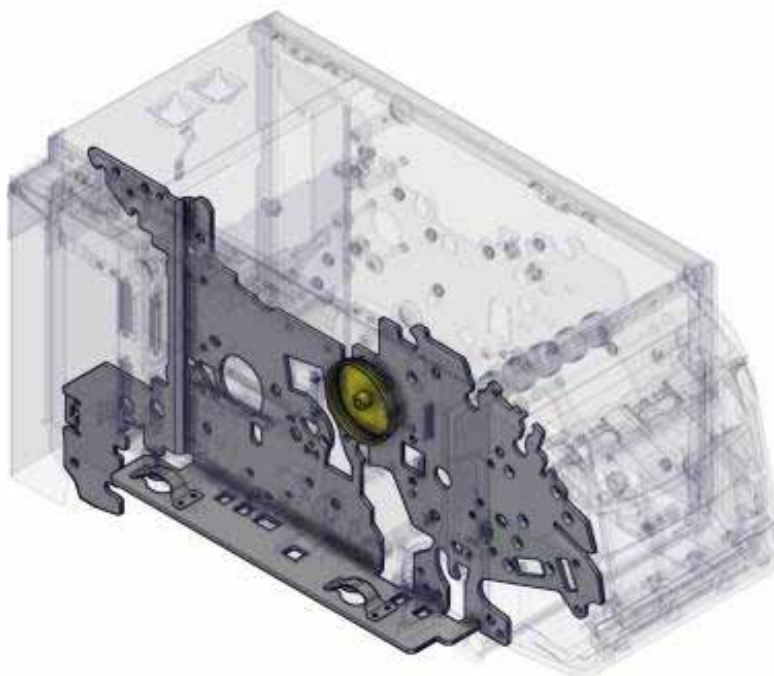
Ref. To order	673938001P10
Packaging	x 10 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PC-10-1

<i>Part Number</i>	649985001P10
<i>Designation</i>	S BNR,BU,CODING WHEEL 82 STEP

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	649985001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-1-1

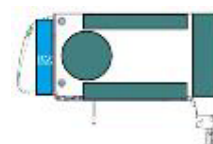
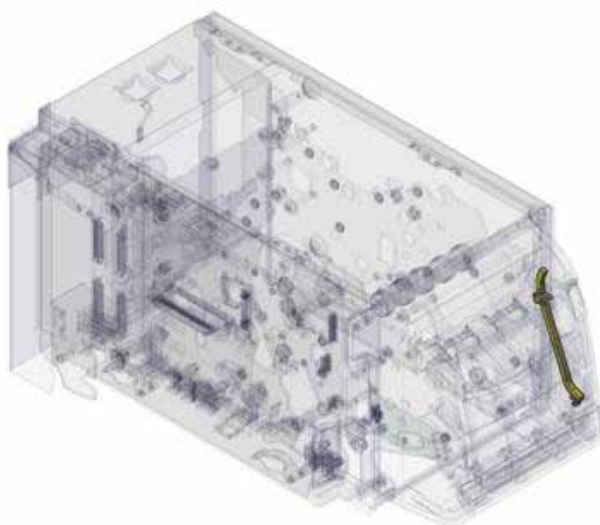


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	650206001P10
<i>Designation</i>	S BNR,MM,RIGHT,OUTLET LIGHT GUIDE

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	650206001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-2-1

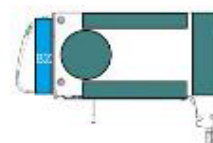
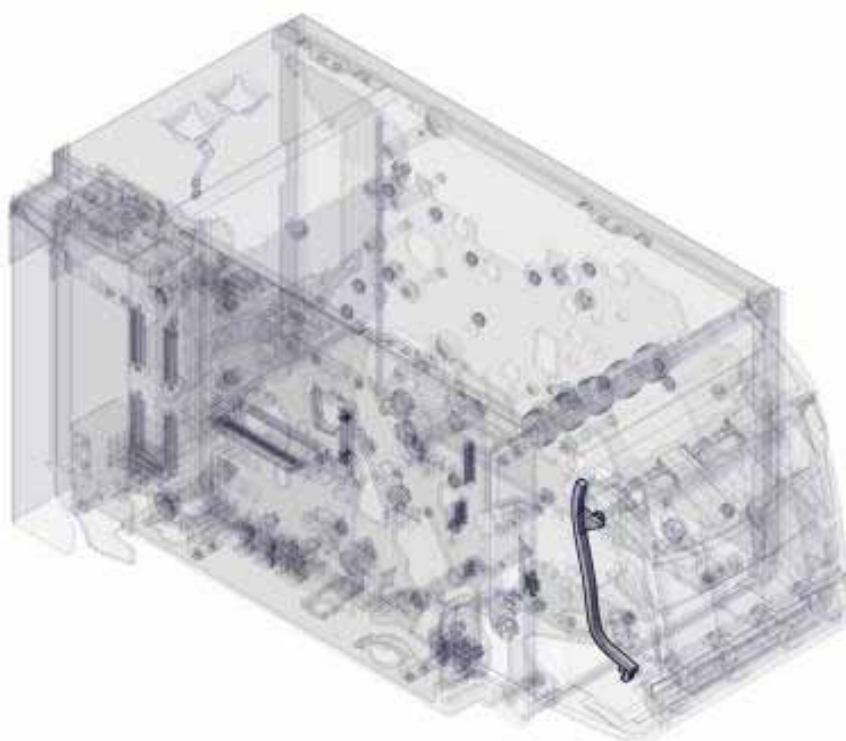


BNR Spare parts Catalogue - Main module

MM

Part Number	652779001P10
Designation	S BNR,MM,LEFT OUTLET LIGHT GUIDE

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



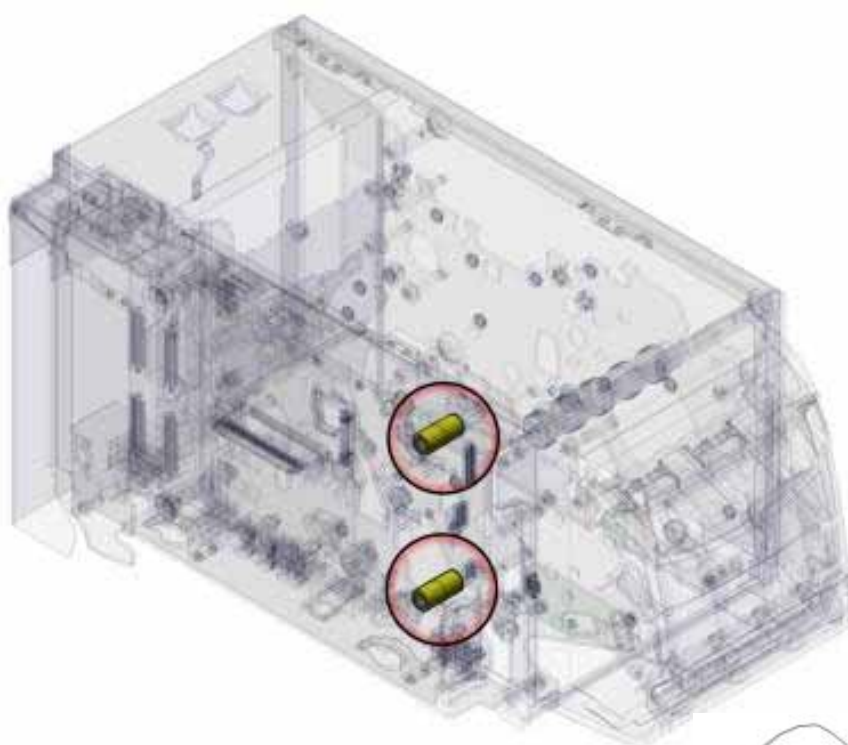
Ref. To order	652779001P10
Packaging	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-3-1

<i>Part Number</i>	654108001P10
<i>Designation</i>	S BNR,MM,SENSOR COVER, SPACER

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



(X2) per Main Module

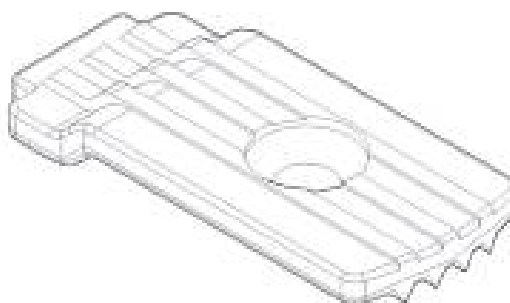
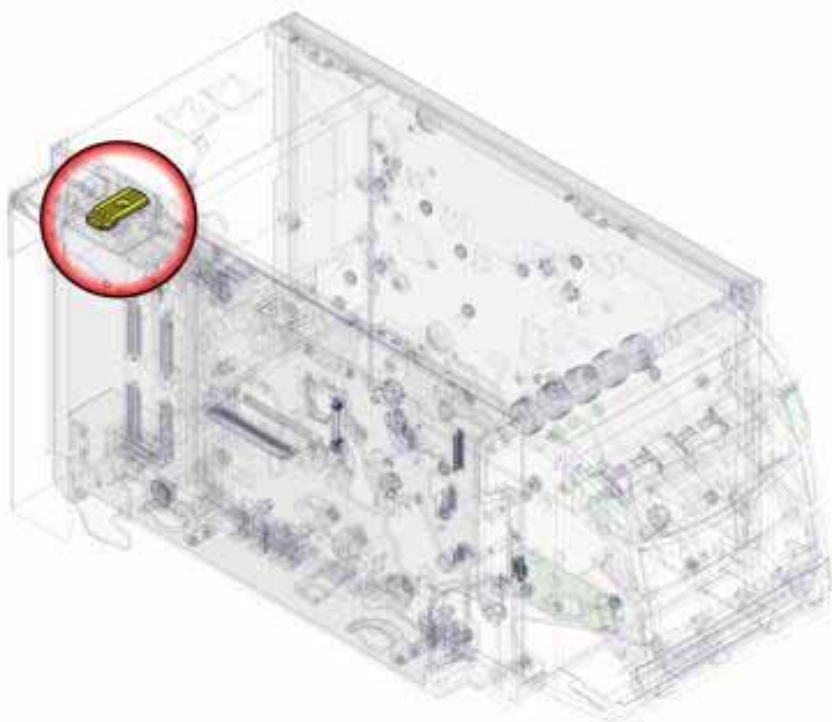


<i>Ref. To order</i>	654108001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-4-1

<i>Part Number</i>	665270001P10
<i>Designation</i>	S BNR,MM-CABLE CLIP

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	665270001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-5-1

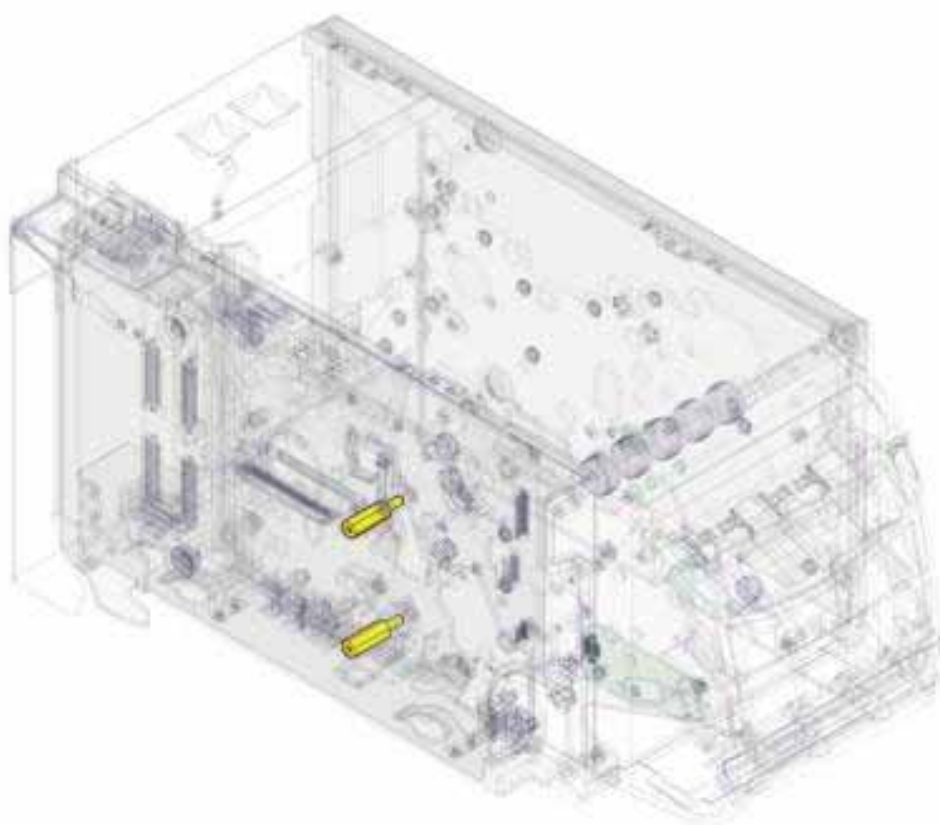


BNR Spare parts Catalogue - Main module

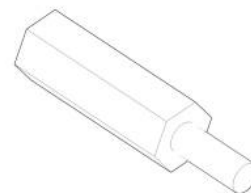
MM

Part Number	668362001P100
Designation	S BNR,MM,INTER BD,M3x18

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



(X2) per Main Module

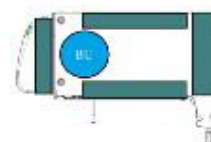
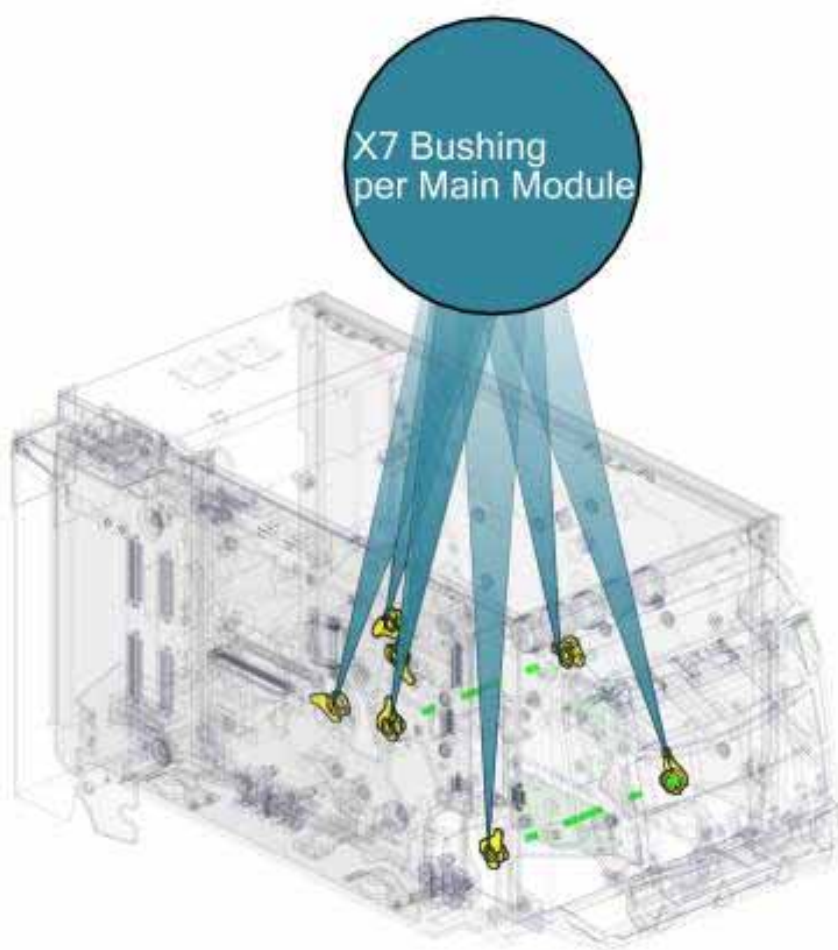


Ref. To order	668362001P100
Packaging	x 100 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-6-1

<i>Part Number</i>	666886001P10
<i>Designation</i>	S BNR, MM-BU-DS-BUSHING,PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



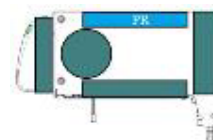
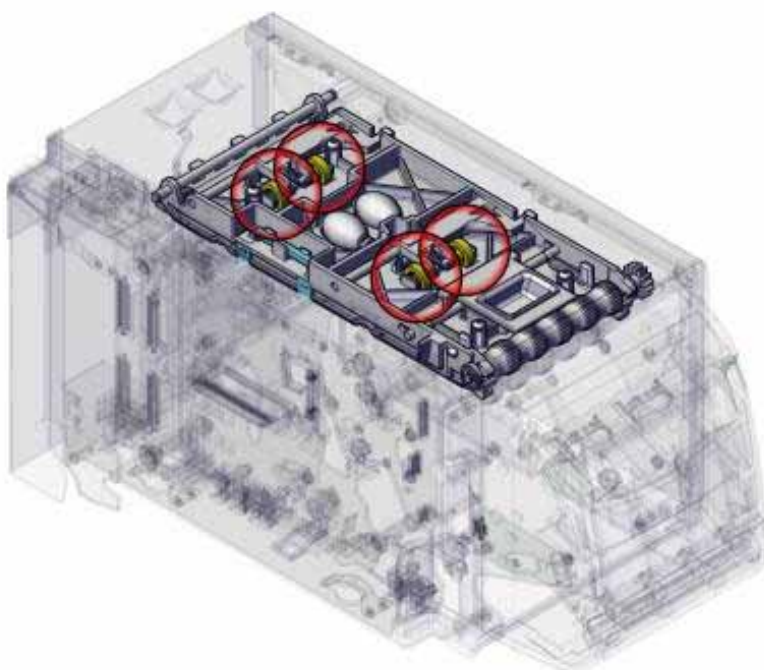
<i>Ref. To order</i>	666886001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-8-1

<i>Part Number</i>	648706001P10
<i>Designation</i>	S BNR, BI-PINCHING ROLLER, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



(X4) per Main Module



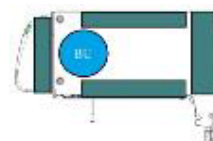
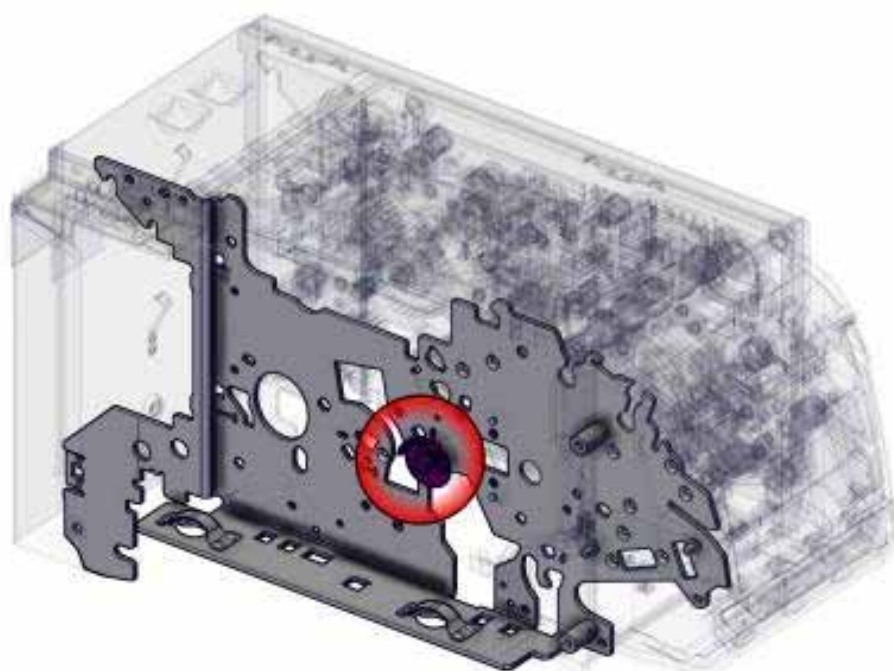
<i>Ref. To order</i>	648706001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-9-1

<i>Part Number</i>	650015001P10
<i>Designation</i>	S BNR, BU-RESET WHEEL DIVERTER, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



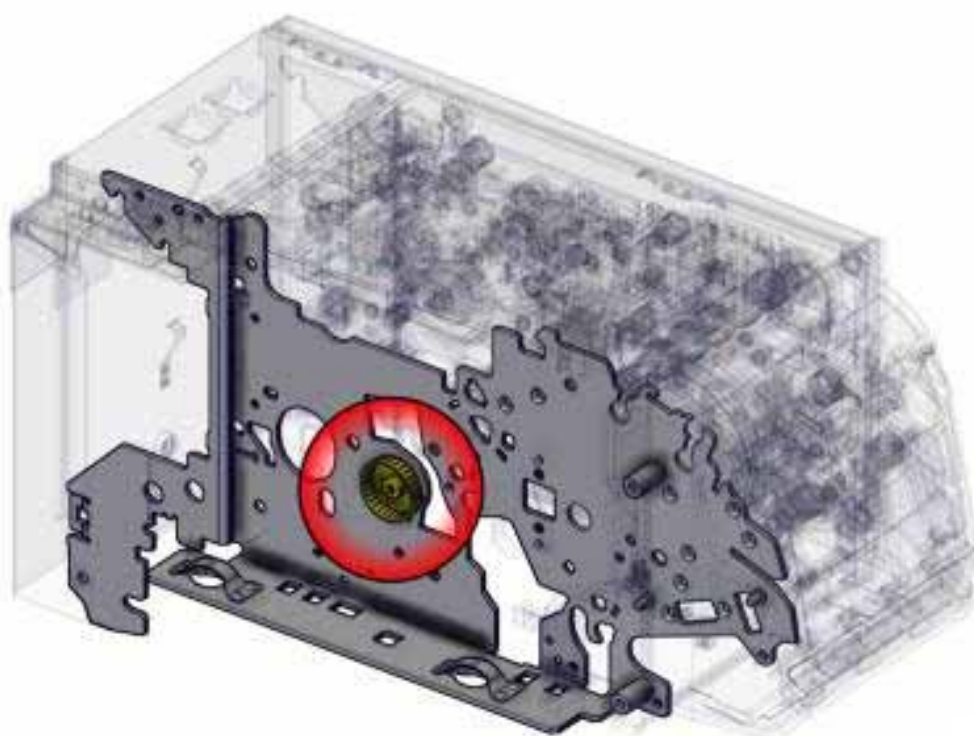
<i>Ref. To order</i>	650015001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-10-1

<i>Part Number</i>	652431001P10
<i>Designation</i>	S BNR, DS-CODING WHEEL, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

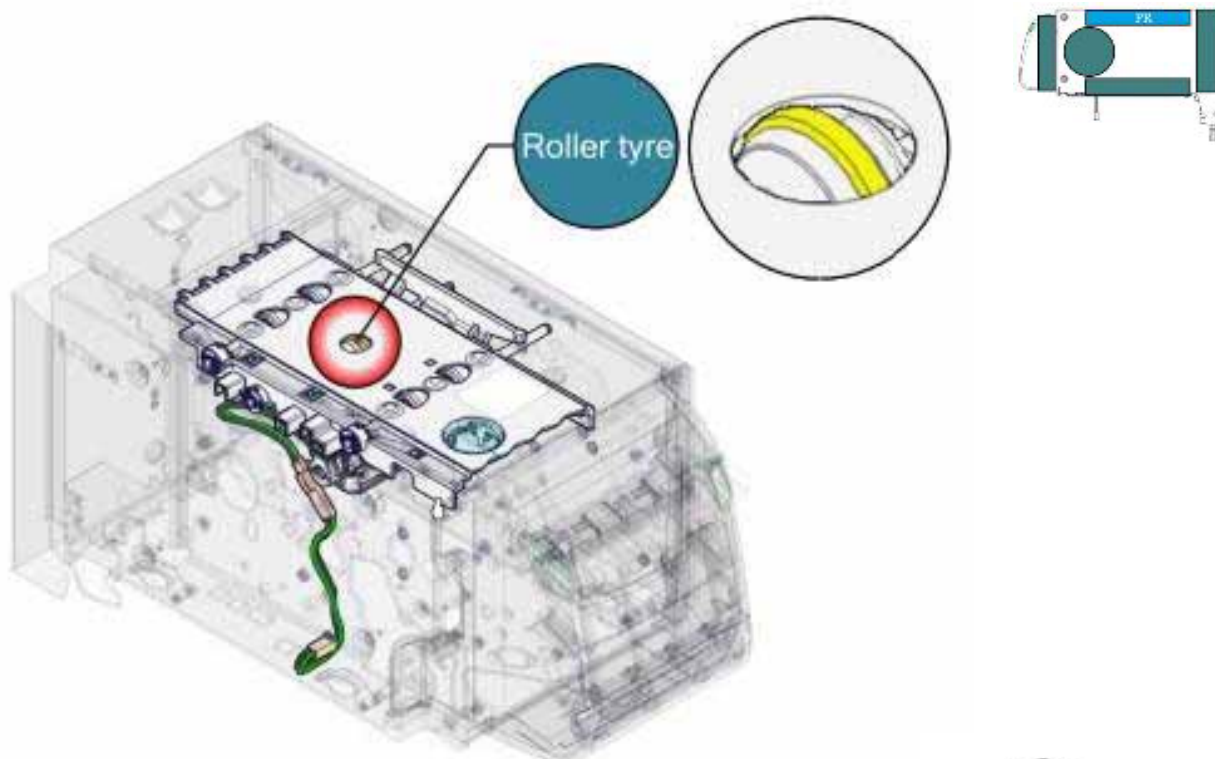


<i>Ref. To order</i>	652431001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-11-1

<i>Part Number</i>	969865001P10
<i>Designation</i>	S BNR, PR-SPHERICAL ROLLER TYRE BLACK, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



Diameter: 12.80 mm

Thickness: 2 mm



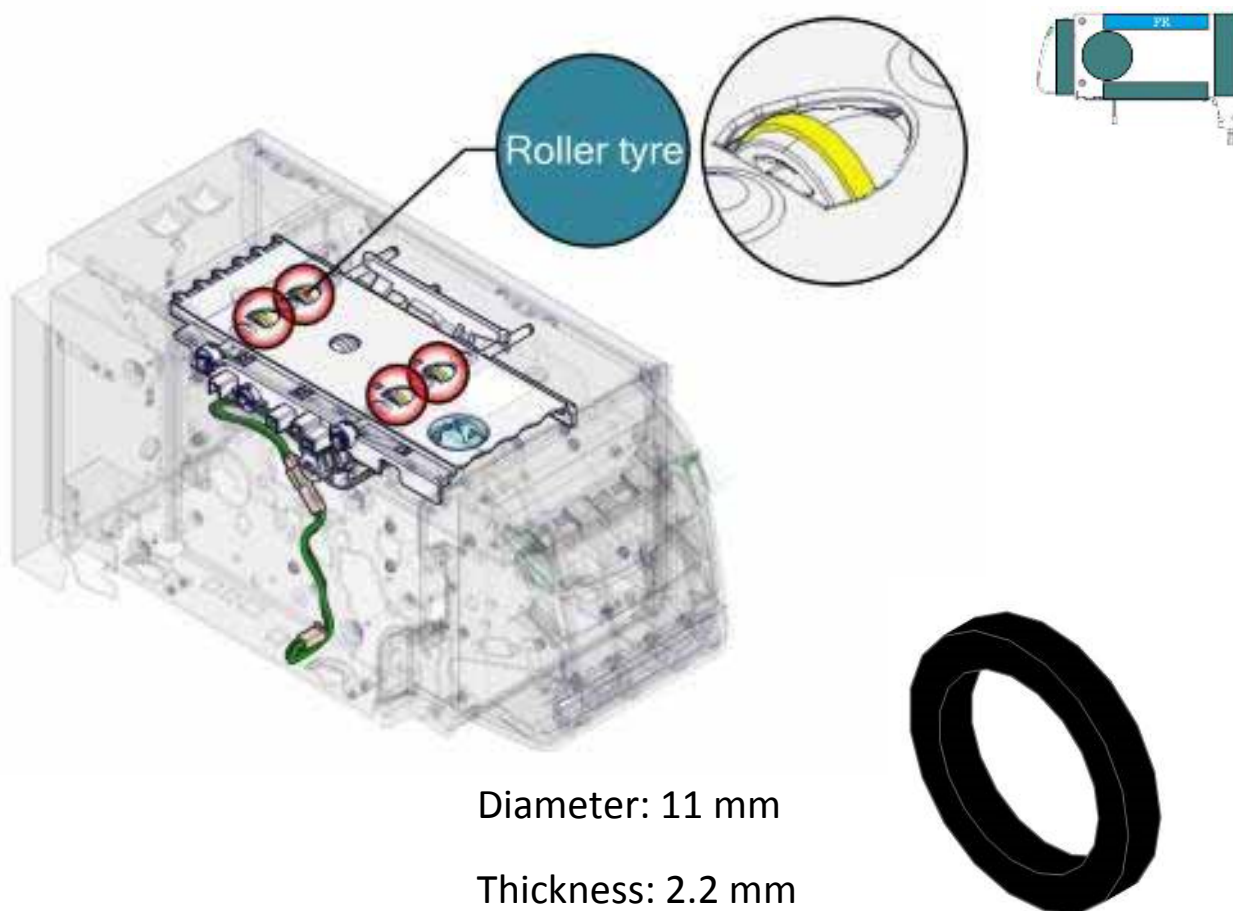
<i>Ref. To order</i>	969865001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-12-2

<i>Part Number</i>	969878001P40
<i>Designation</i>	S BNR, PR-DRIVING ROLLER TYRE BLACK, PK40

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



(X4) per Main Module

<i>Ref. To order</i>	969878001P40
<i>Packaging</i>	x 40 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-13-2

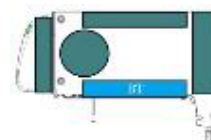
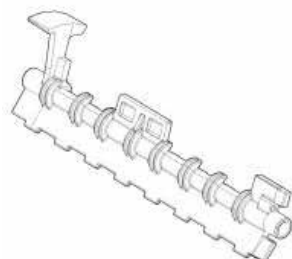
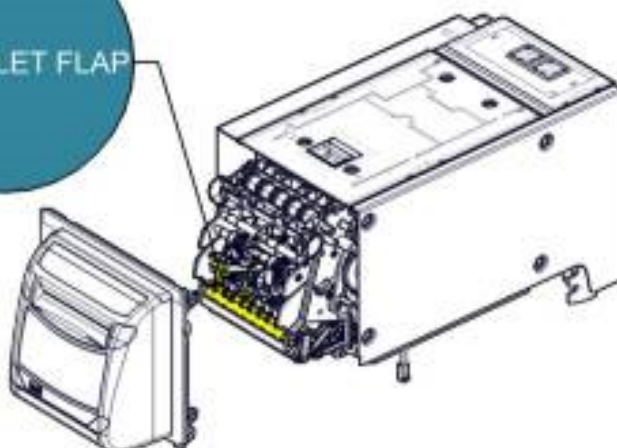
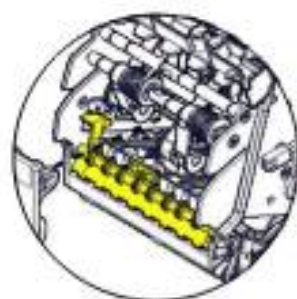


BNR Spare parts Catalogue - Main module

MM

Part Number	650222001P10
Designation	S BNR,BT-OUTLET FLAP,PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

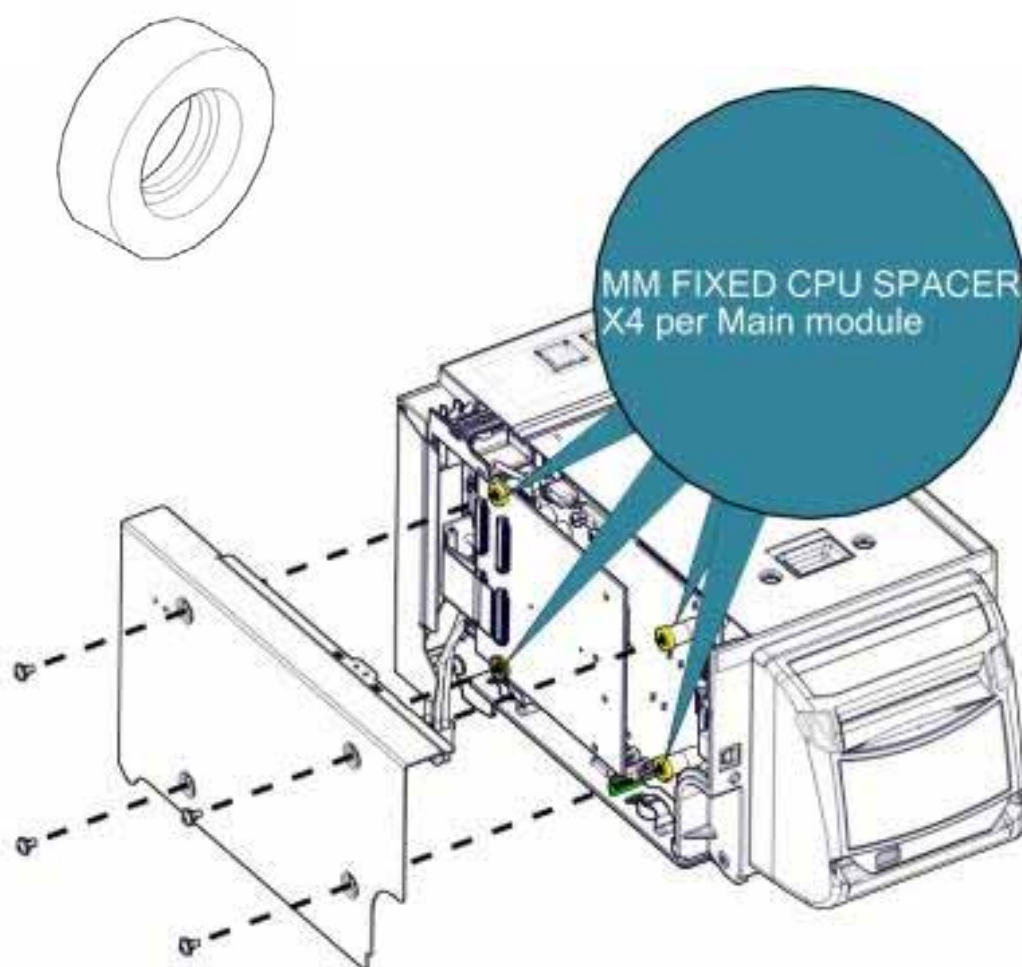


Ref. To order	650222001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-16-1

<i>Part Number</i>	653678001P10
<i>Designation</i>	S BNR,MM,FIXED,CPU,SPACER, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

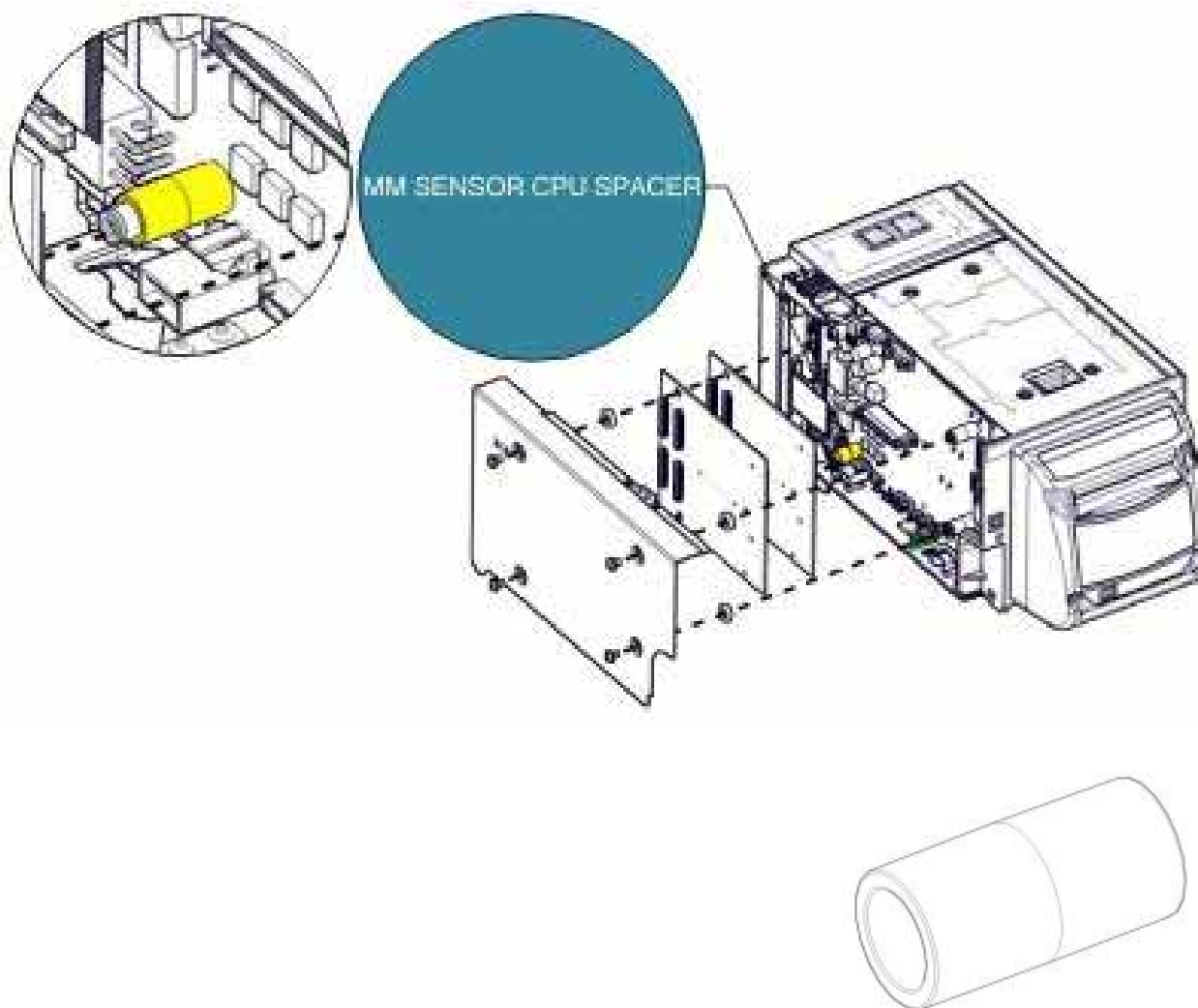


<i>Ref. To order</i>	653678001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-17-1

<i>Part Number</i>	653932001P10
<i>Designation</i>	S BNR, MM,SENSOR,CPU,SPACER, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

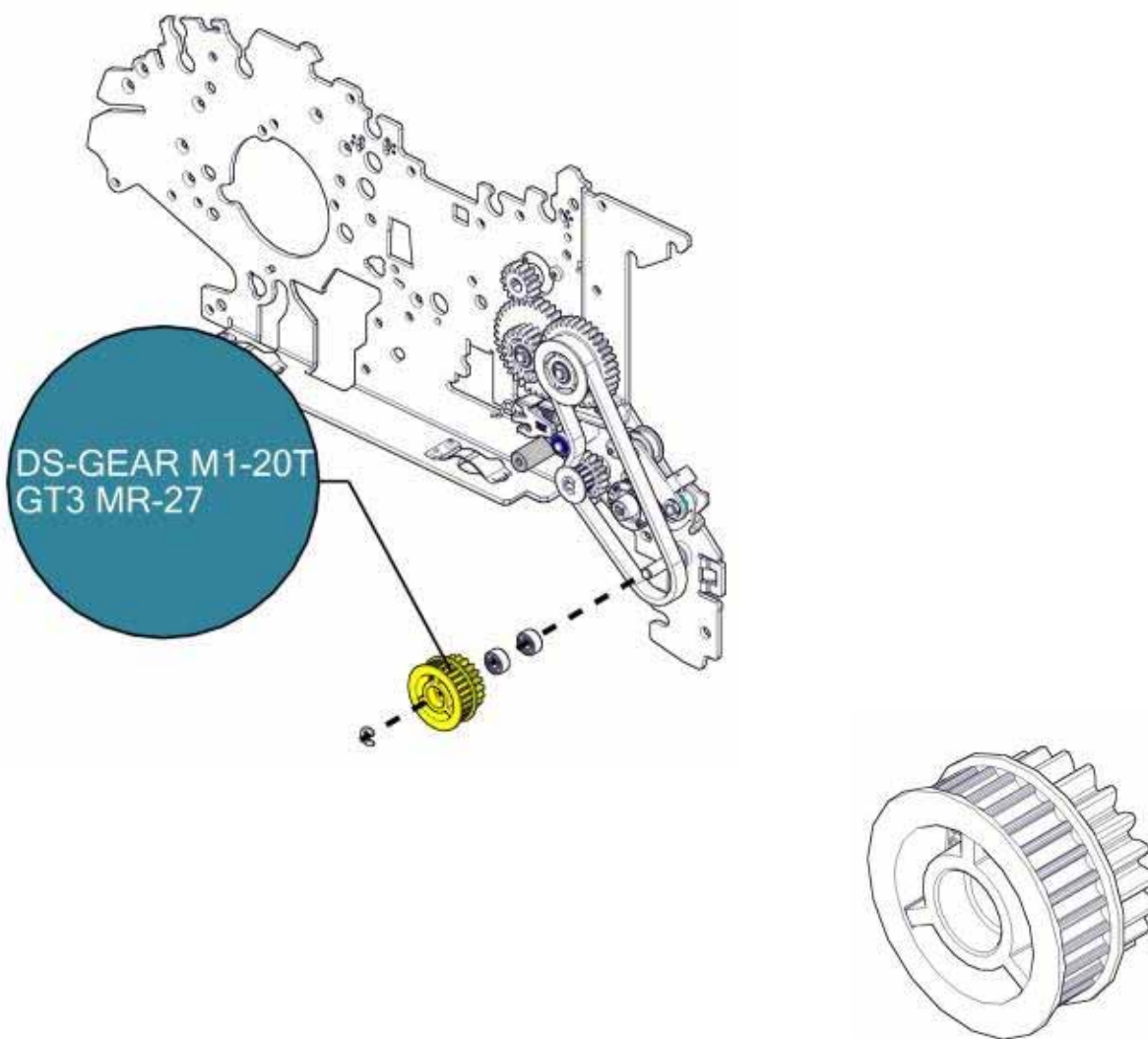


<i>Ref. To order</i>	653932001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-18-1

<i>Part Number</i>	652313001P10
<i>Designation</i>	S BNR, DS-GEAR M1-20T_GT3 MR-27, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

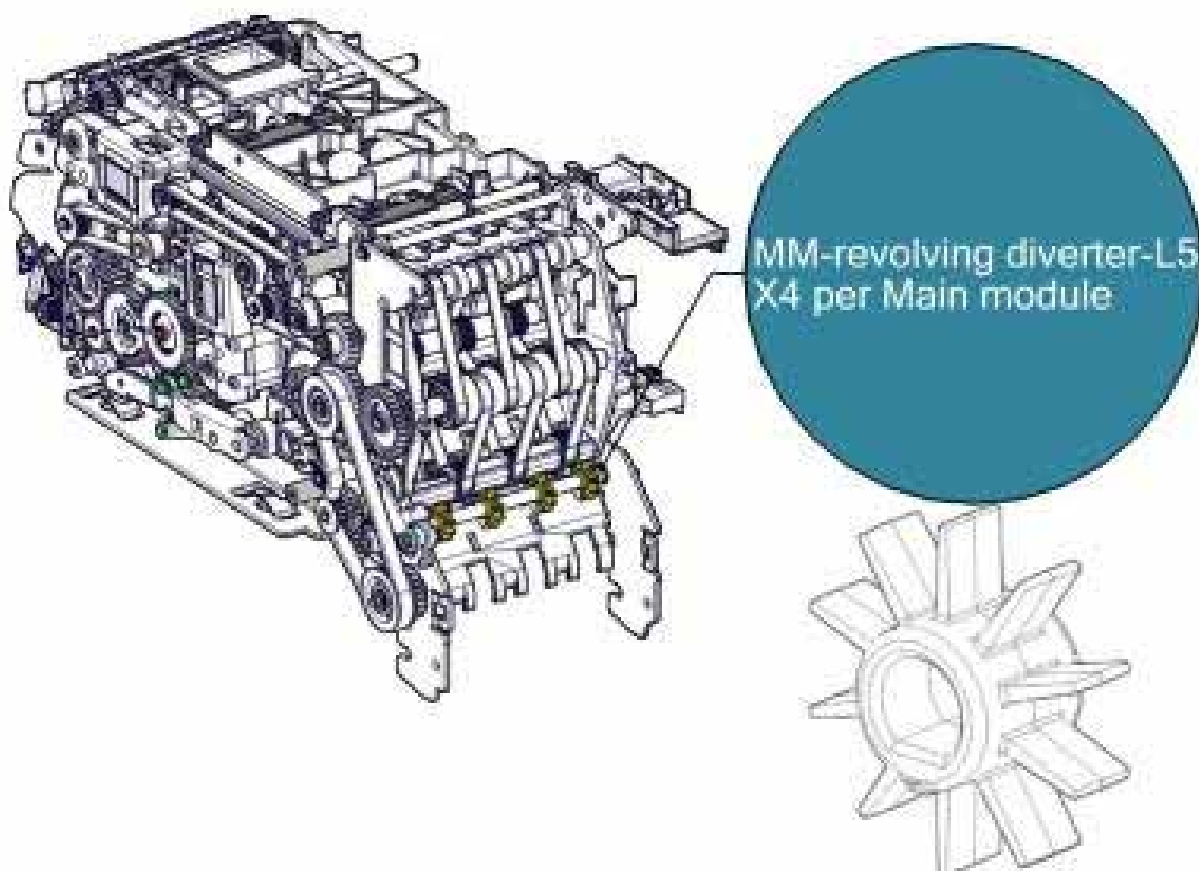


<i>Ref. To order</i>	652313001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-19-1

<i>Part Number</i>	653652001P20
<i>Designation</i>	S BNR, MM-revolving diverter-L5, PK20

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

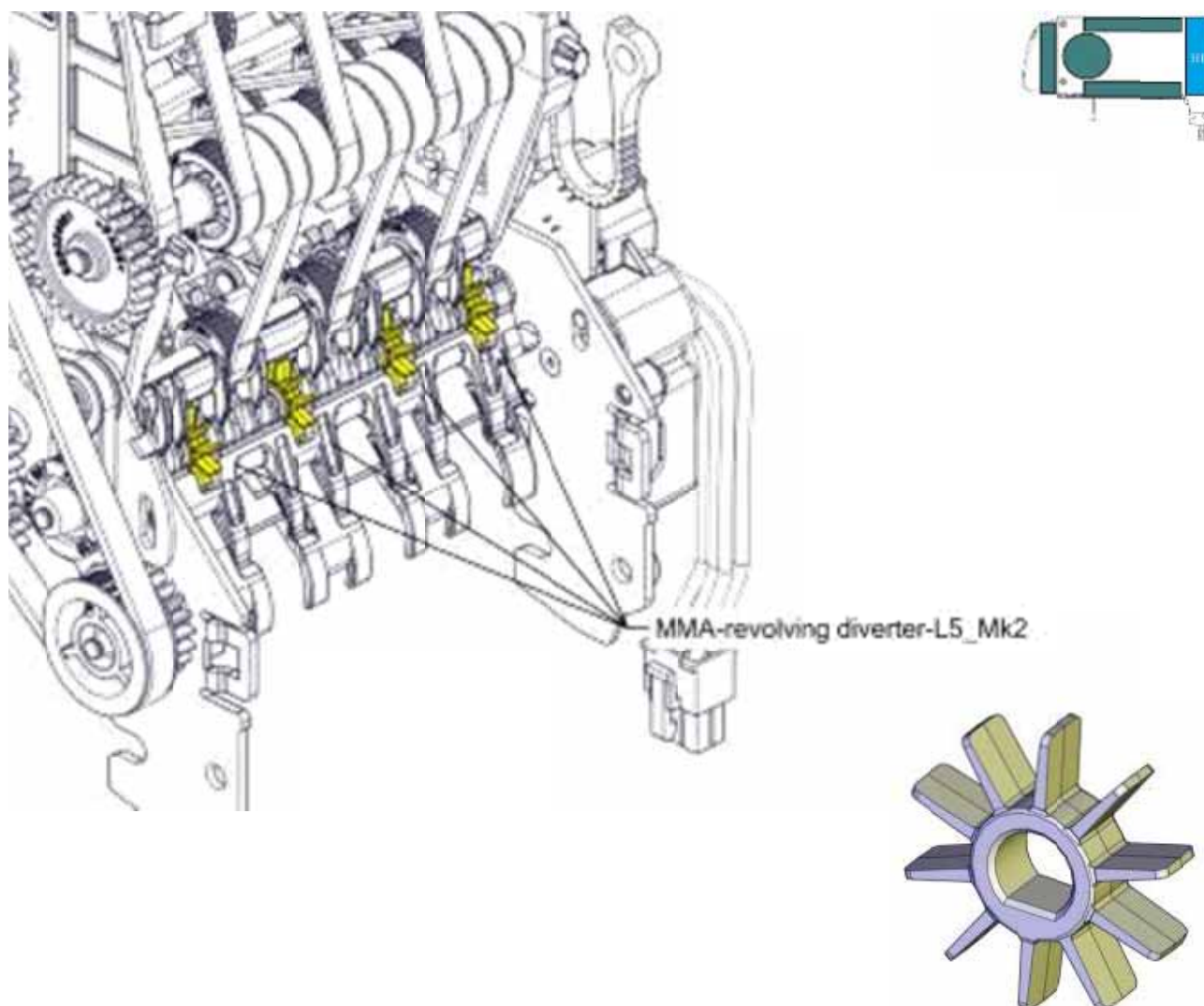


<i>Ref. To order</i>	653652001P20
<i>Packaging</i>	x 20 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-21-1

Part Number	984003330P20
Designation	S BNR, MMA-revolving diverter-L5_Mk2, PK20

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



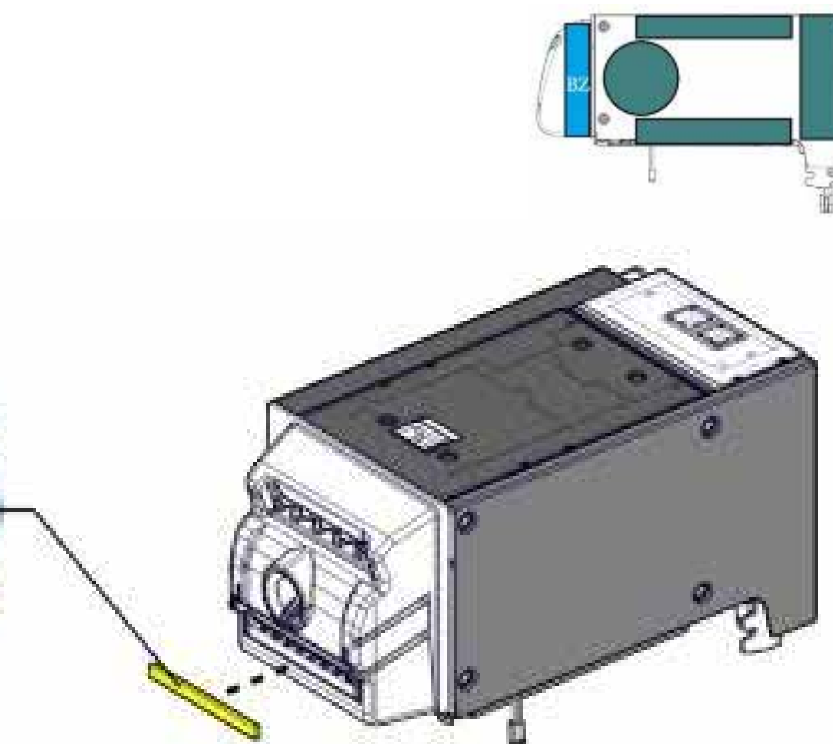
Ref. To order	984003330P20
Packaging	x 20 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-PL-21-2	

Part Number

969852001P20

Designation

S BNR, BZ Security Outlet Foam, PK20



See mounting prescription **97069 9 001** for details.
(Provided with the spare part)

Ref. To order

969852001P20

Packaging

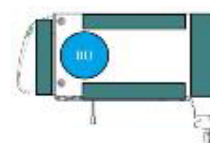
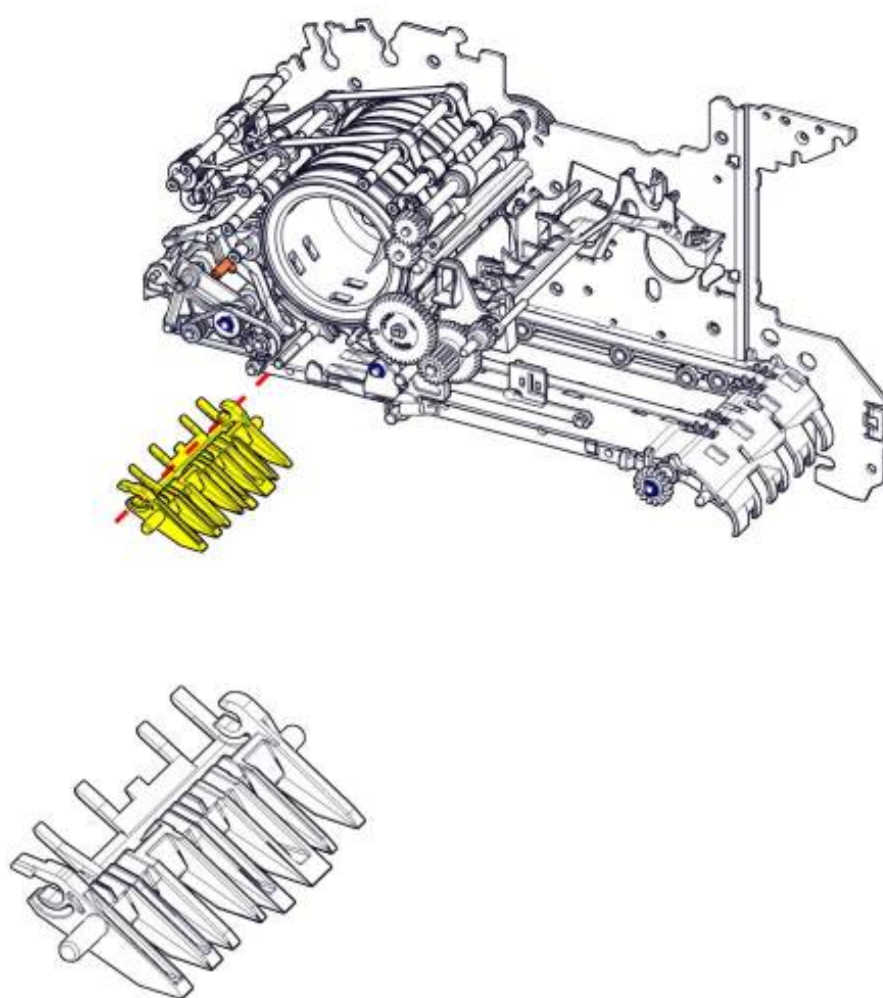
x 20 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-22-1

<i>Part Number</i>	660893001P5
<i>Designation</i>	S BNR, BU- Transport Diverter, PK5

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X



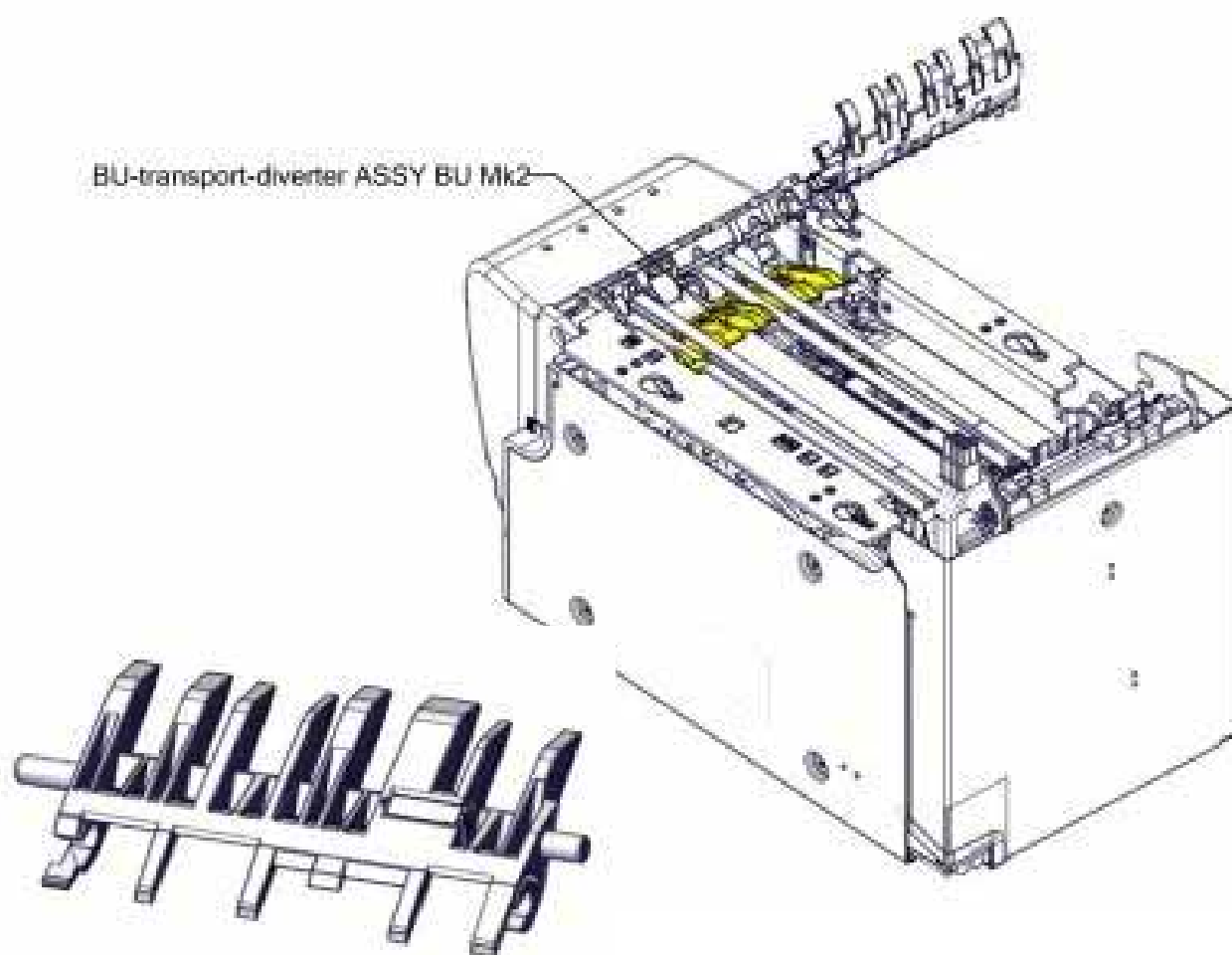
<i>Ref. To order</i>	660893001P5
<i>Packaging</i>	x 5 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-23-1

<i>Part Number</i>	984006288P5
<i>Designation</i>	S BNR,MMA-BU-transport-diverter assy, PK5

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓

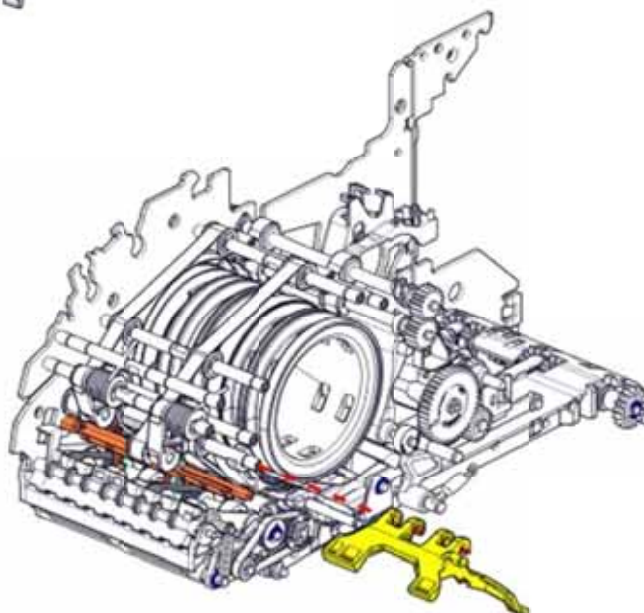
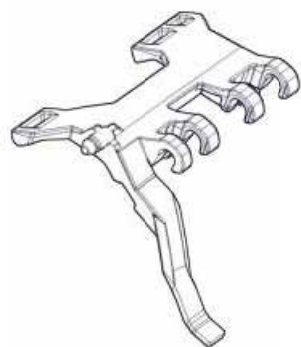
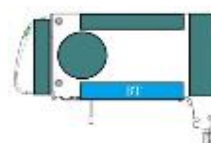
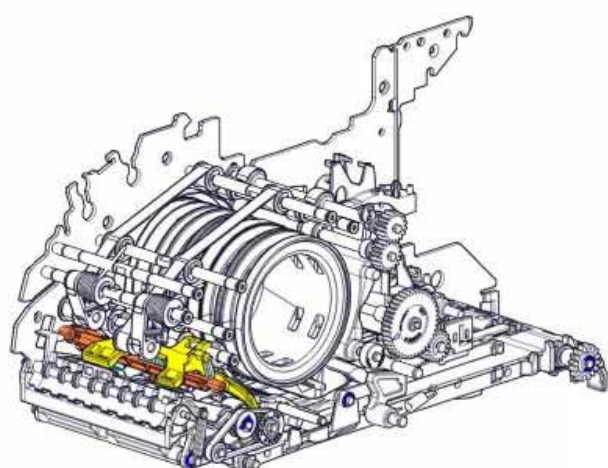


<i>Ref. To order</i>	984006288P5
<i>Packaging</i>	x 5 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-23-2

<i>Part Number</i>	650188001P5
<i>Designation</i>	S BNR, BT- Locking Lever, PK5

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

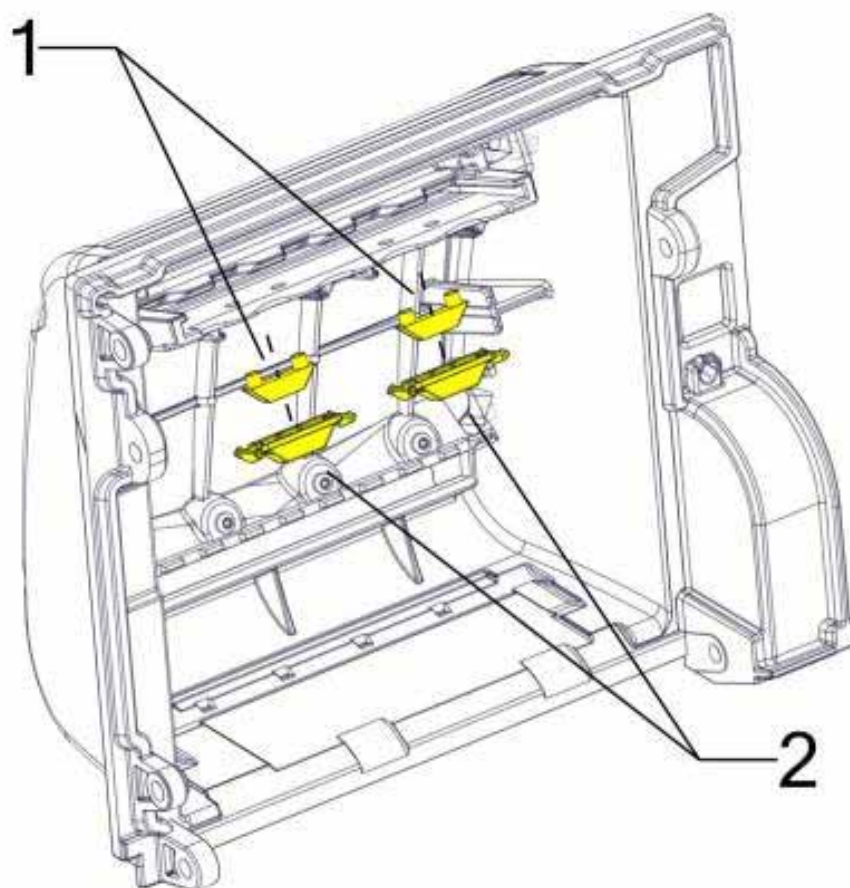


<i>Ref. To order</i>	650188001P5
<i>Packaging</i>	x 5 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-24-1

<i>Part Number</i>	984000426P10
<i>Designation</i>	S BNR, MMA BZ-INLET OPTIC GUIDE Kit, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	984000426P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-25-2

Part Number

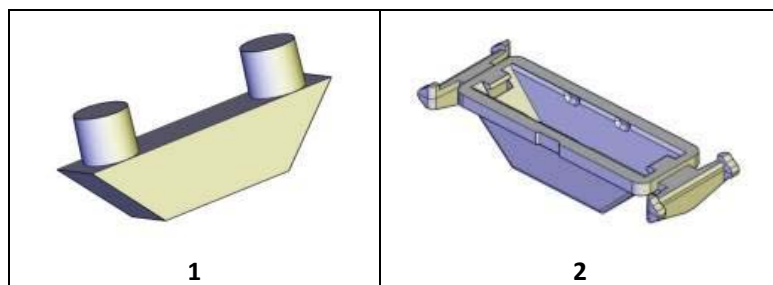
984000426P10

Designation

S BNR, MMA BZ-INLET OPTIC GUIDE Kit, PK10

List of components

Item	PN	Designation	QTY/MM	Add. remark
1	984006222	BZ-inlet optic guide_Mk2	10	Not available separately
2	984003117	BZ-Inlet light guide cover_Mk2	10	Not available separately



Ref. To order

984000426P10

Packaging

x 10 pieces

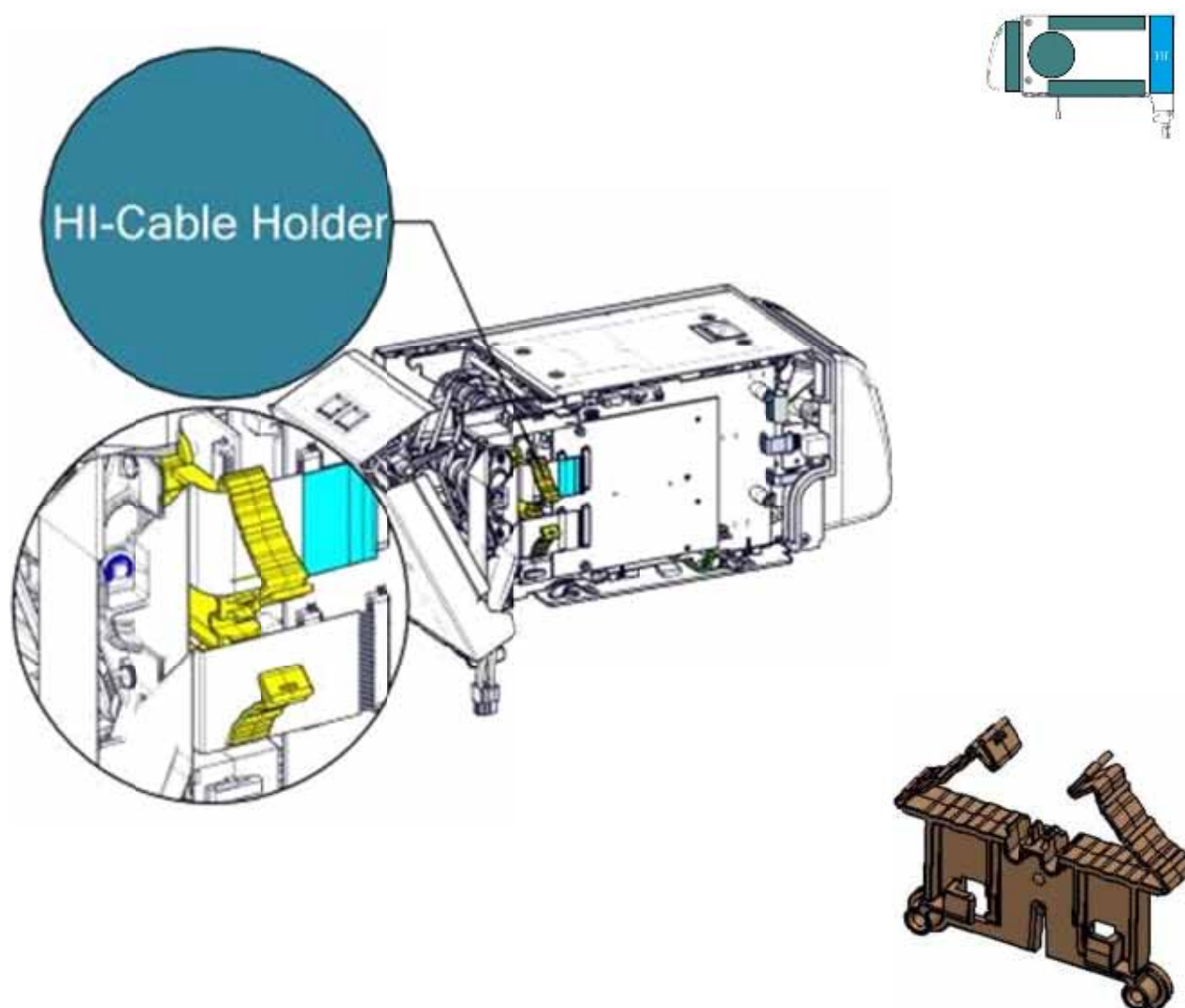
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-25-3

<i>Part Number</i>	970644001P10
<i>Designation</i>	S BNR, MM, HI-CABLE-HOLDER, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

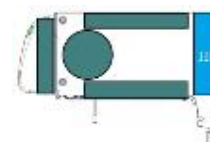
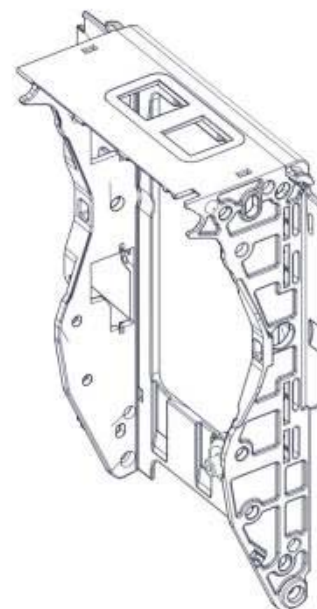
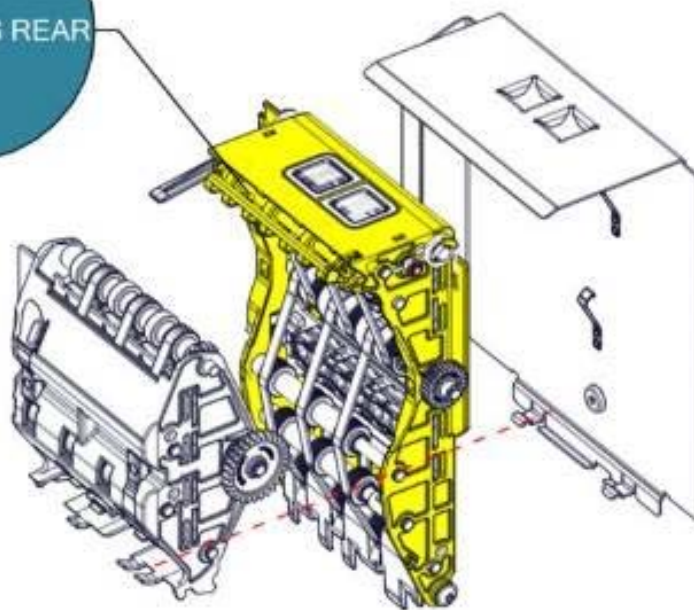


<i>Ref. To order</i>	970644001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-26-1

Part Number	649781001P1
Designation	S BNR, HI CHASSIS REAR, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X



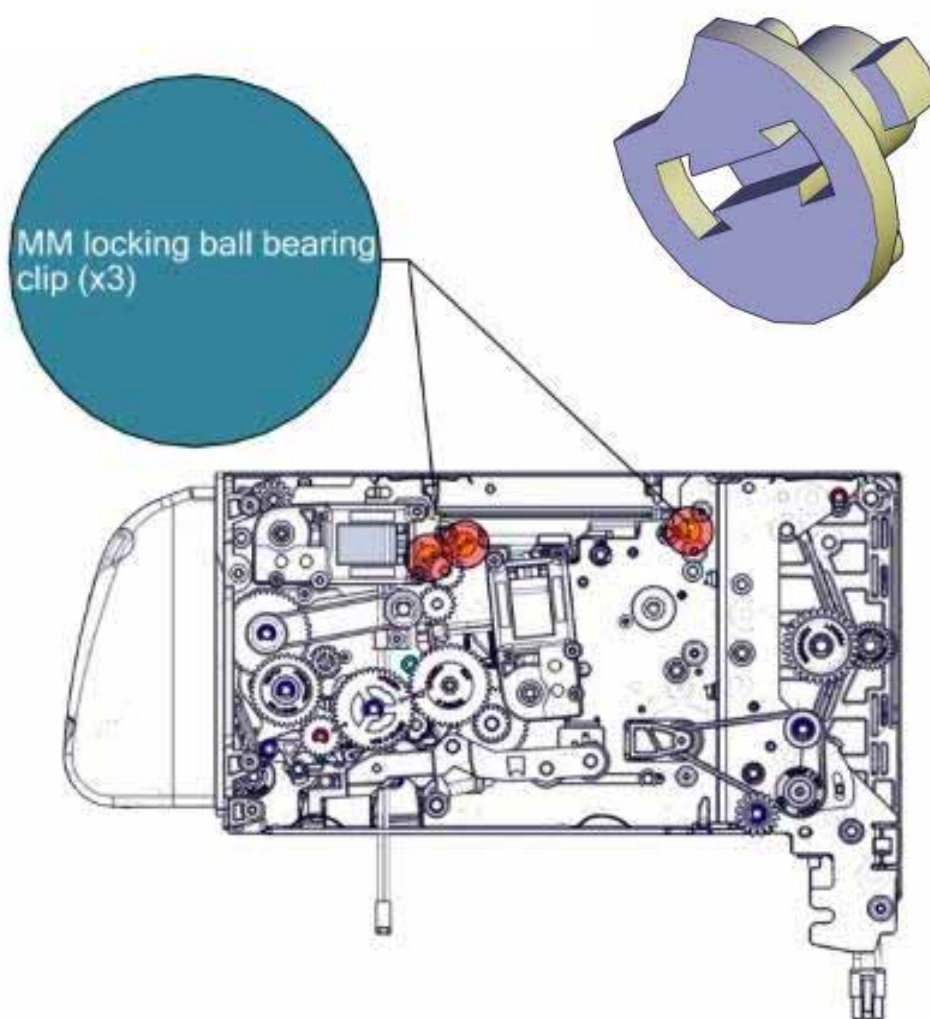
Ref. To order	649781001P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-27-1

<i>Part Number</i>	668464001P20
<i>Designation</i>	S BNR, MM BALL BEARING CLIP, PK20

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

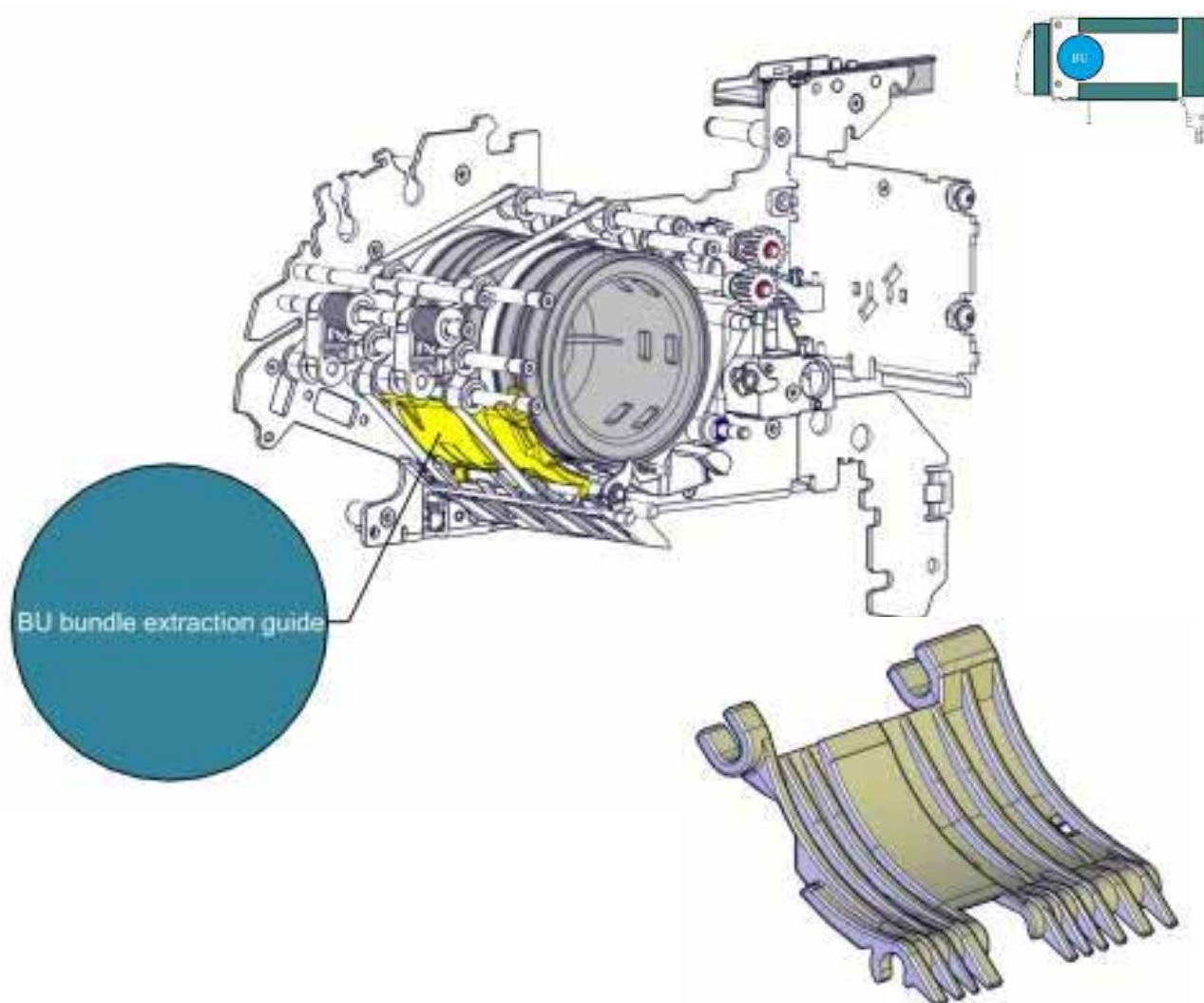


<i>Ref. To order</i>	668464001P20
<i>Packaging</i>	x 20 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-28-1

Part Number	679701001P5
Designation	S BNR, BU bundle extraction guide, PK5

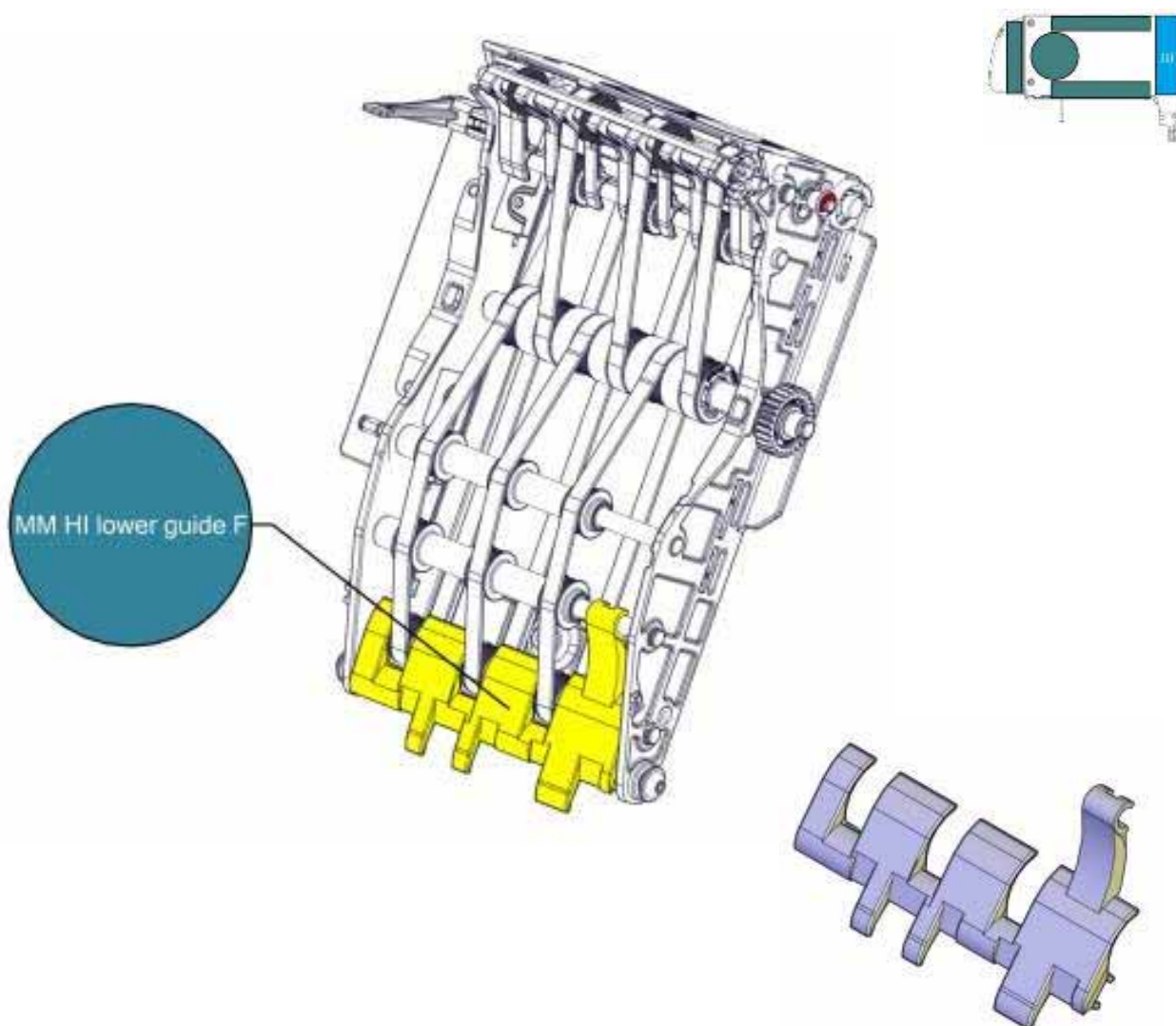
Compatibility Statement	MMV18	MMV19	MMAdv.
	X	✓	X



Ref. To order	679701001P5
Packaging	x 5 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-PL-29-1	

<i>Part Number</i>	980095001P10
<i>Designation</i>	S BNR, MM HI lower guide F, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

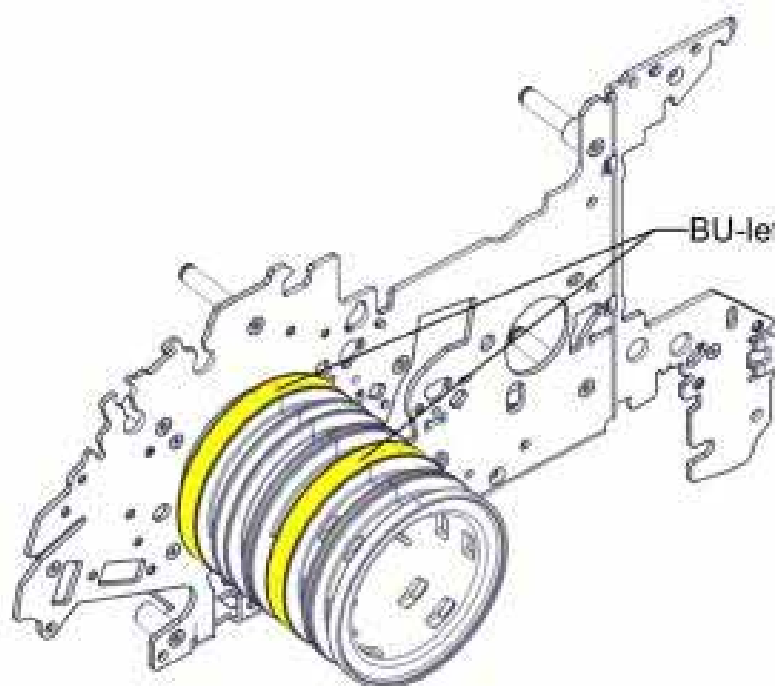


<i>Ref. To order</i>	980095001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

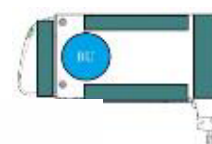
MM-PL-30-1

<i>Part Number</i>	950520001P20
<i>Designation</i>	S BNR, MMA BU tyre EPDM, PK20

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



BU-left tyre bundler EPDM-1



<i>Ref. To order</i>	950520001P20
<i>Packaging</i>	x 20 pieces

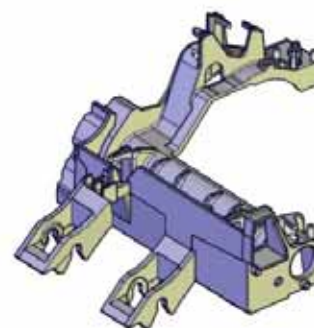
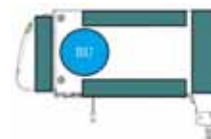
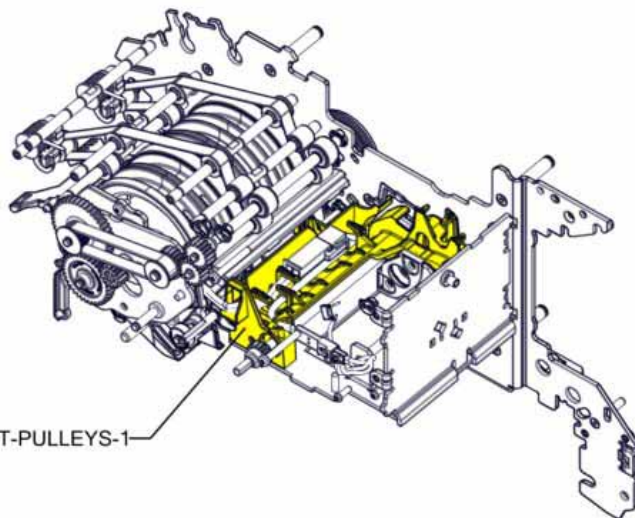
For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-31-1

<i>Part Number</i>	660851001P5
<i>Designation</i>	S BNR, BU-inner support pulleys, PK5

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

BU-INNER-SUPPORT-PULLEYS-1

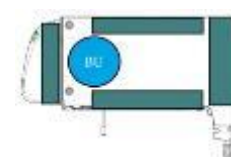
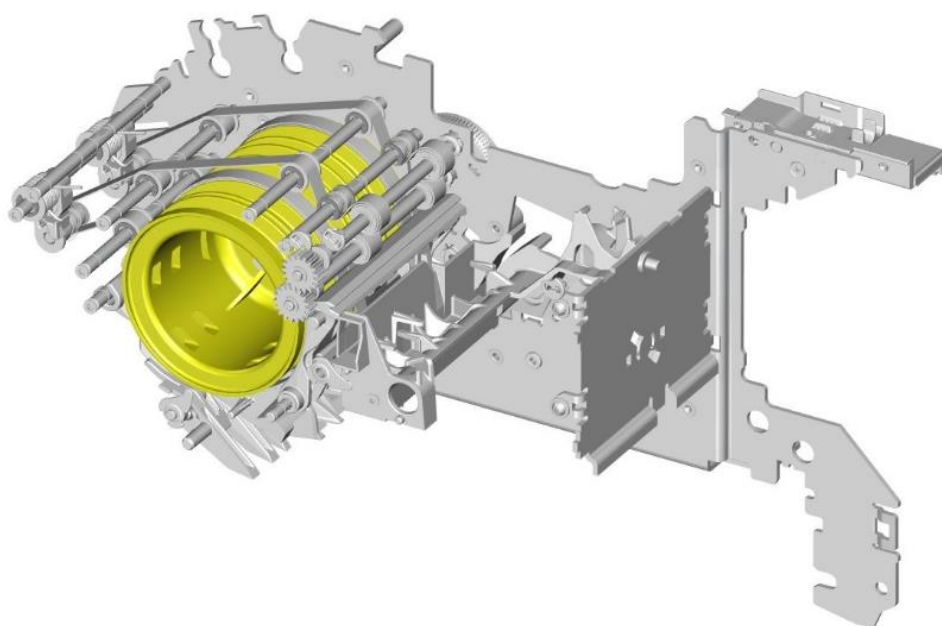


<i>Ref. To order</i>	660851001P5
<i>Packaging</i>	x 5 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-PL-32-1	

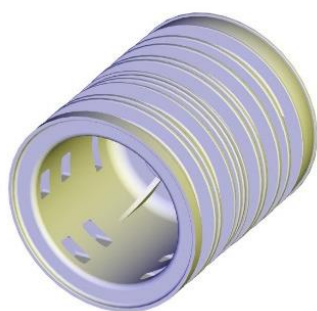
- Main module

Part Number	649930001P1
Designation	S BNR, Bundler drum, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X



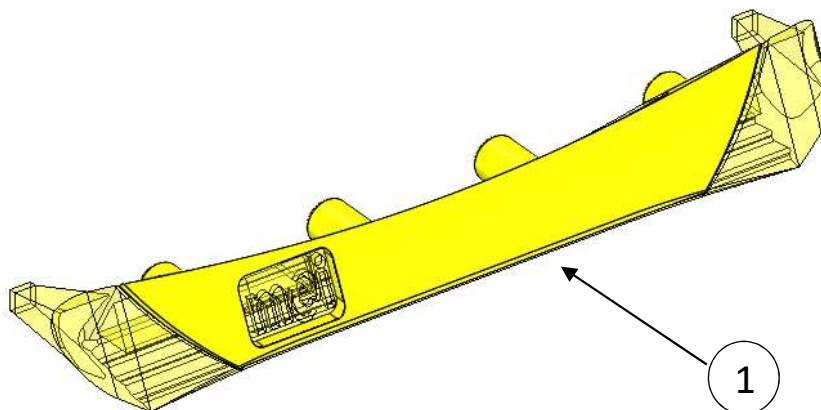
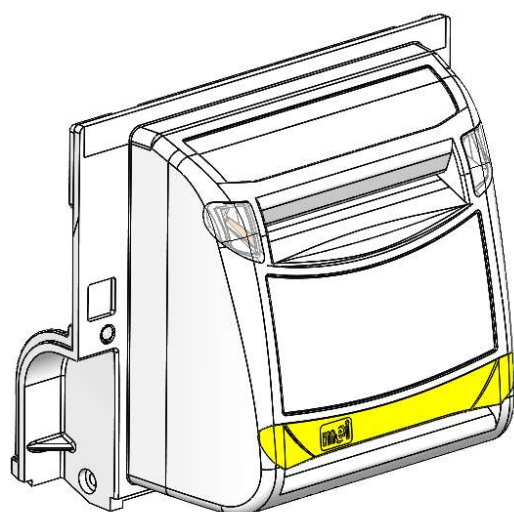
Item	PN	Designation	QTY	Add. remark
1	649930001	BU-drum	1	



Ref. To order	649930001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-PL-33-1

Part Number	665296001P5		
Designation	S BNR, BZ-bottom light pipe, PK5		
Compatibility Statement	MMV18	MMV19	MM Adv.
	✓	✓	✓



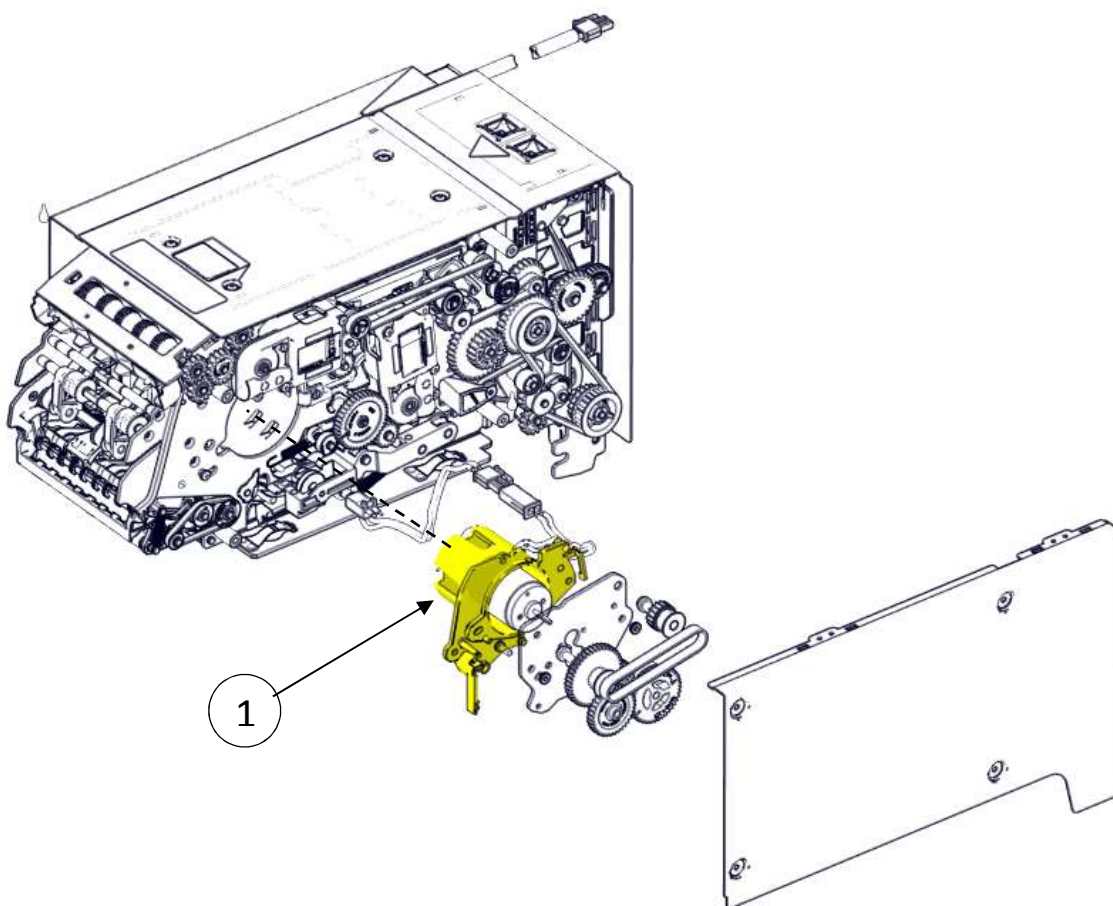
Item	PN	Designation	QTY	Add. remark
1	665296001	BZ-bottom light pipe	1	Not available separately

Ref. To order	665296001P5
Packaging	x 5 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-34-1

Part Number	649969001P5		
Designation	S BNR, MM BU-MOTOR HOUSING, PK5		
Compatibility Statement	MMV18	MMV19	MM Adv.
	✓	✓	✓



Item	PN	Designation	QTY	Add. remark
1	649969001	BU-MOTOR HOUSING	1	Not available separately

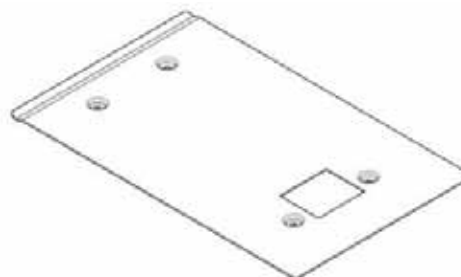
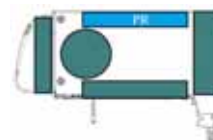
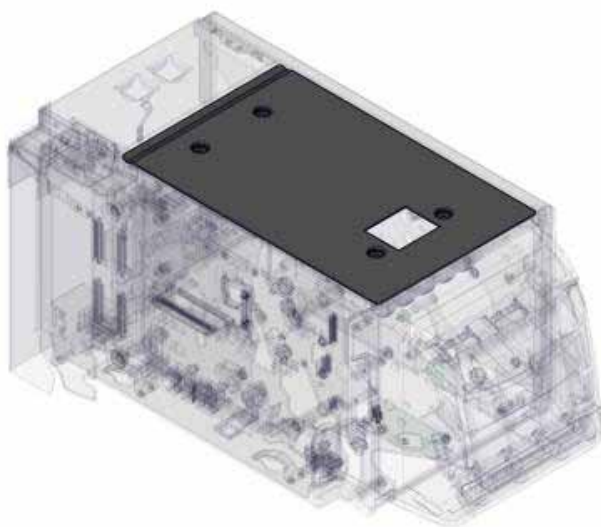
Ref. To order	649969001P5
Packaging	x 5 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-PL-35-1

<i>Part Number</i>	648691001P1
<i>Designation</i>	S BNR,BI COVER

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	648691001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-ME-1-1

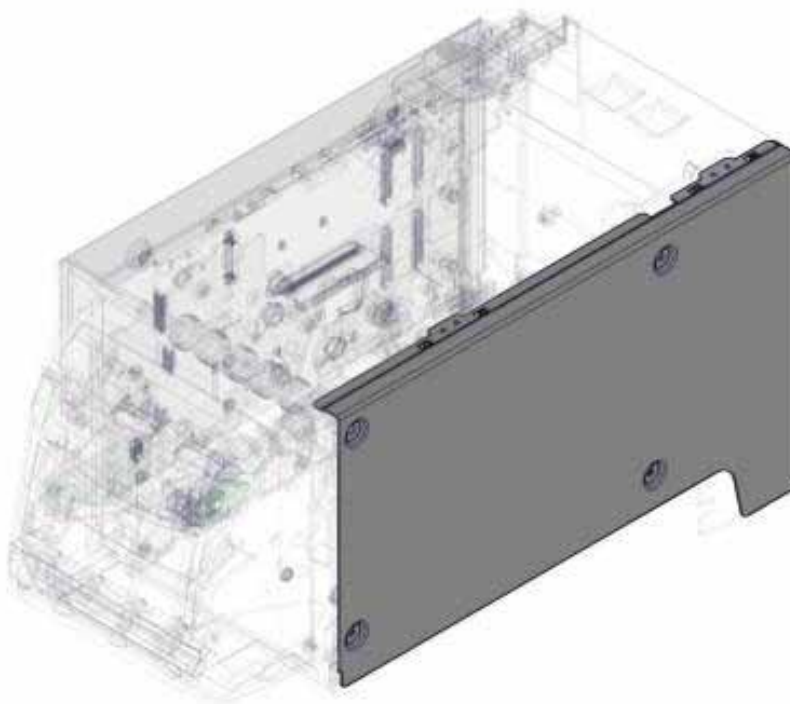


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	671130001P1
<i>Designation</i>	S BNR,MM,RIGHT COVER ASSY

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	671130001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-ME-2-1

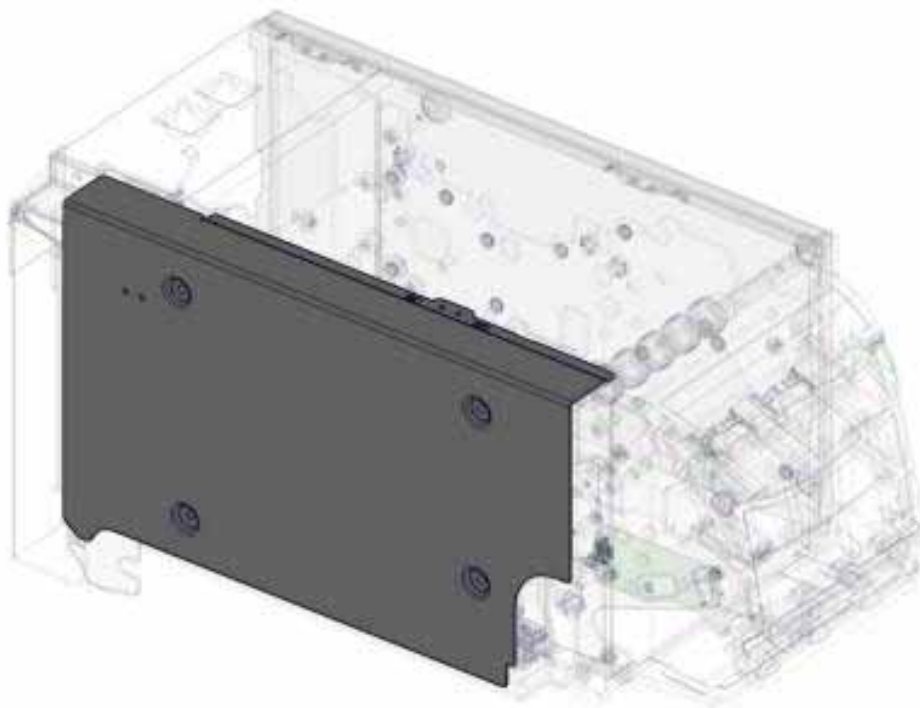


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	671143001P1
<i>Designation</i>	S BNR,MM,LEFT COVER ASSY

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

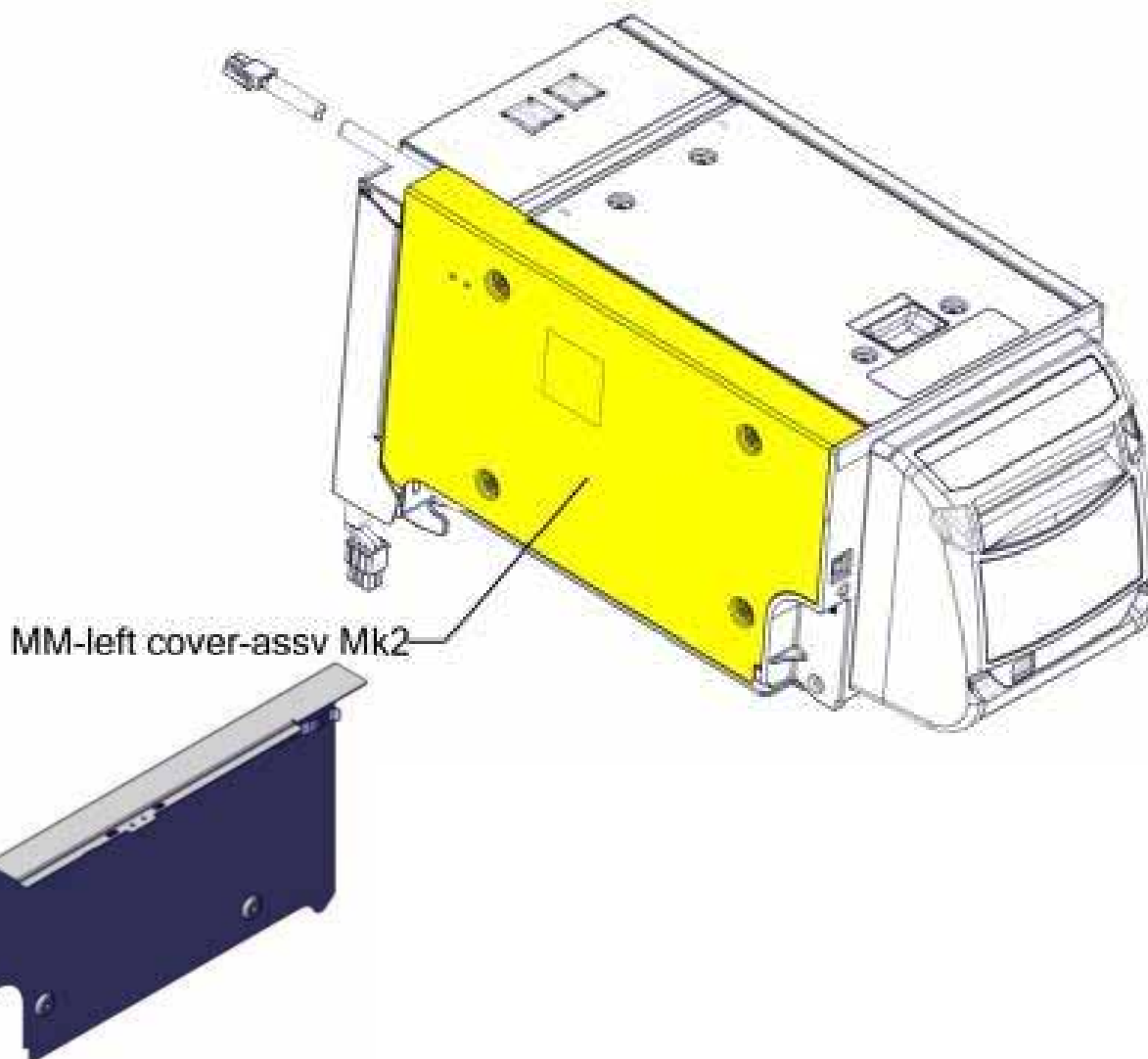


<i>Ref. To order</i>	671143001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-ME-3-1

<i>Part Number</i>	984005231P1
<i>Designation</i>	S BNR,MMA-left cover-assy, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



<i>Ref. To order</i>	984005231P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-ME-3-2

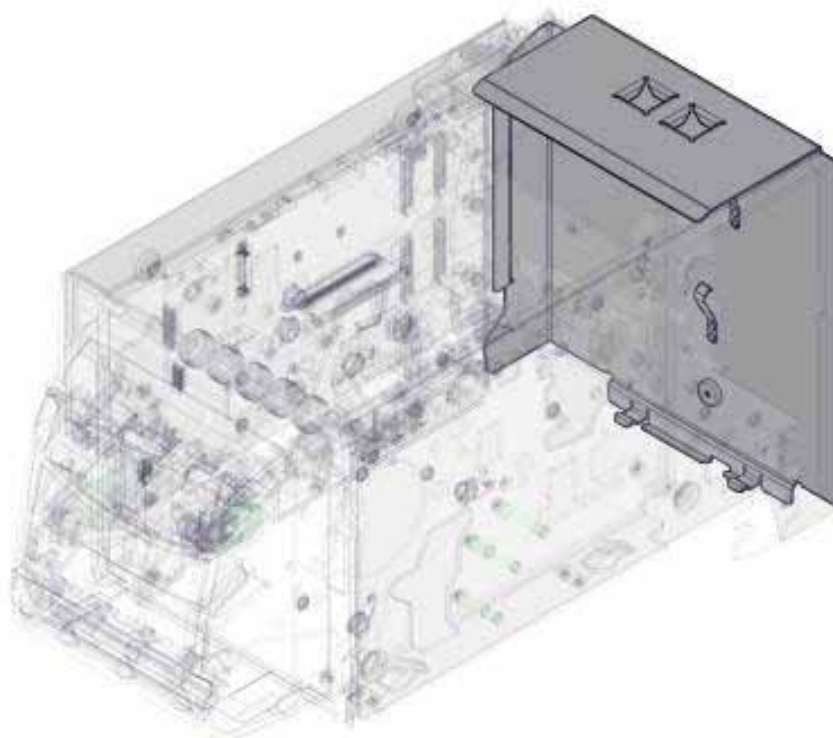
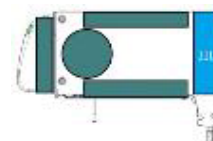


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	672982001P1
<i>Designation</i>	S BNR,HI,COVER ASSY

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

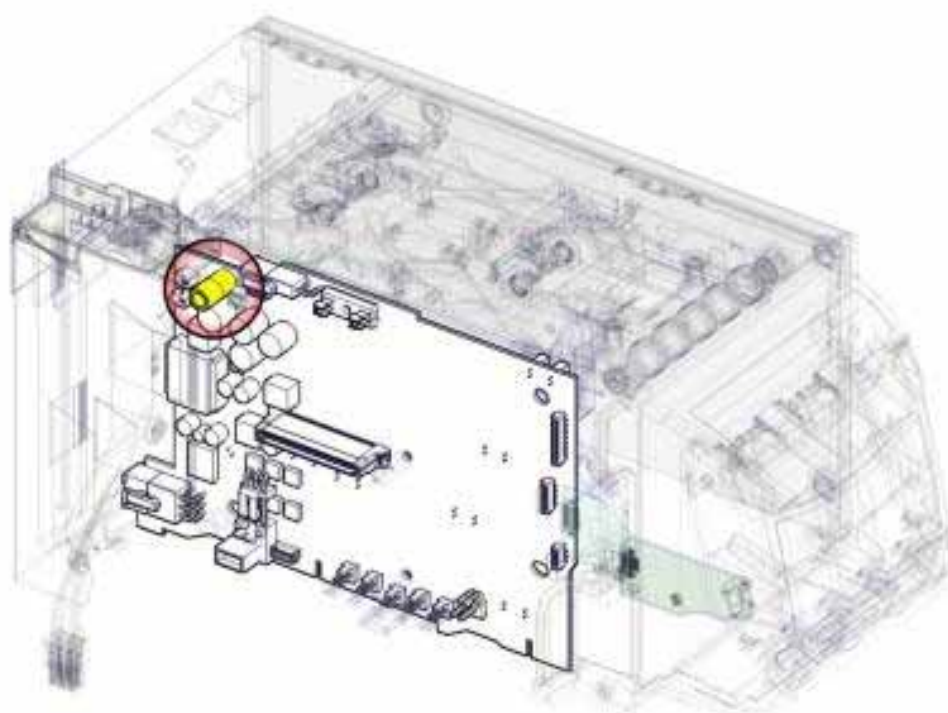


<i>Ref. To order</i>	672982001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-ME-4-1

<i>Part Number</i>	676371001P10
<i>Designation</i>	S BNR, MM-SPACER-SENSOR-CPU-METAL,PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

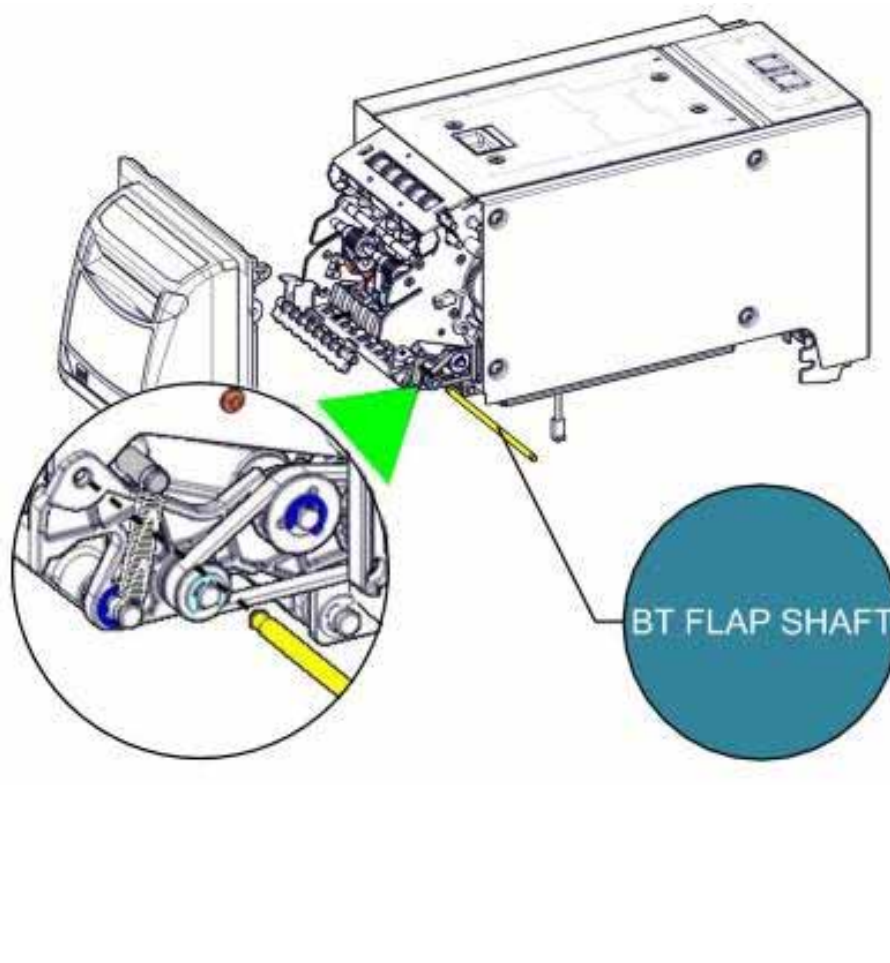
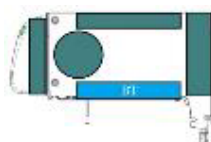


<i>Ref. To order</i>	676371001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-ME-5-1

<i>Part Number</i>	650162001P100
<i>Designation</i>	S BNR,BT,FLAP SHAFT, PK100

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

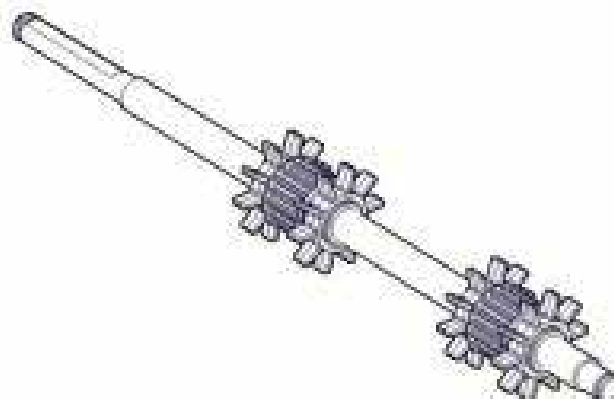
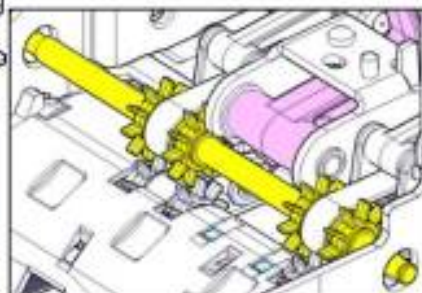
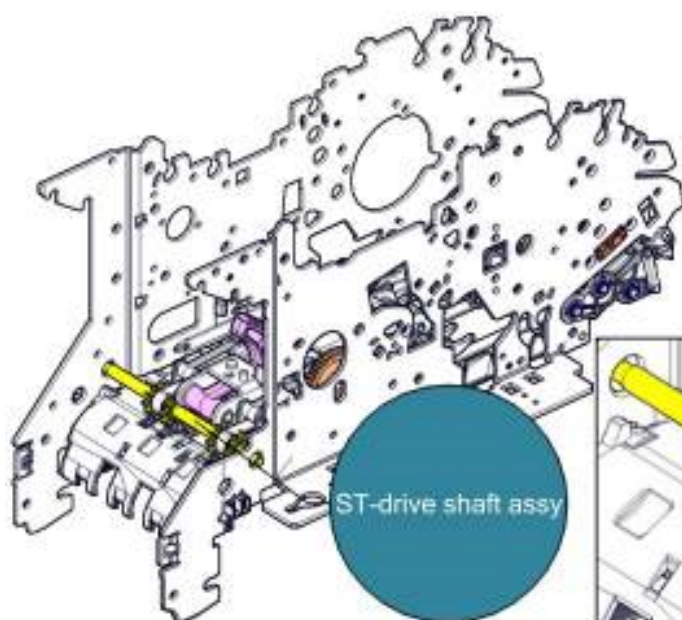


<i>Ref. To order</i>	650162001P100
<i>Packaging</i>	x 100 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-SH-2-1

<i>Part Number</i>	665636001P10
<i>Designation</i>	S BNR, ST revolving shaft assembly, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



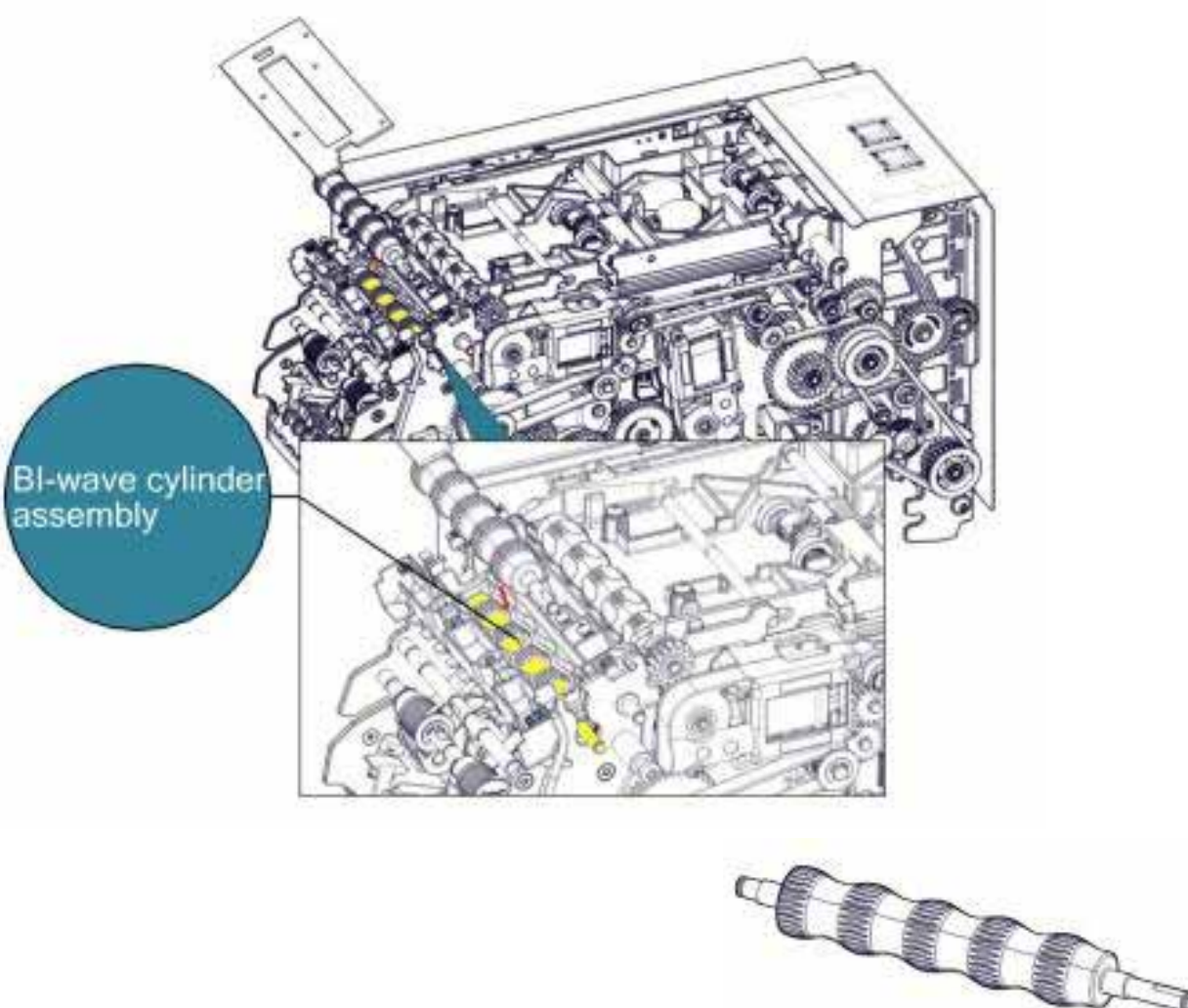
<i>Ref. To order</i>	665636001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SH-3-1

<i>Part Number</i>	652151001P5
<i>Designation</i>	S BNR, BI-wave-cylinder-assy, PK5

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



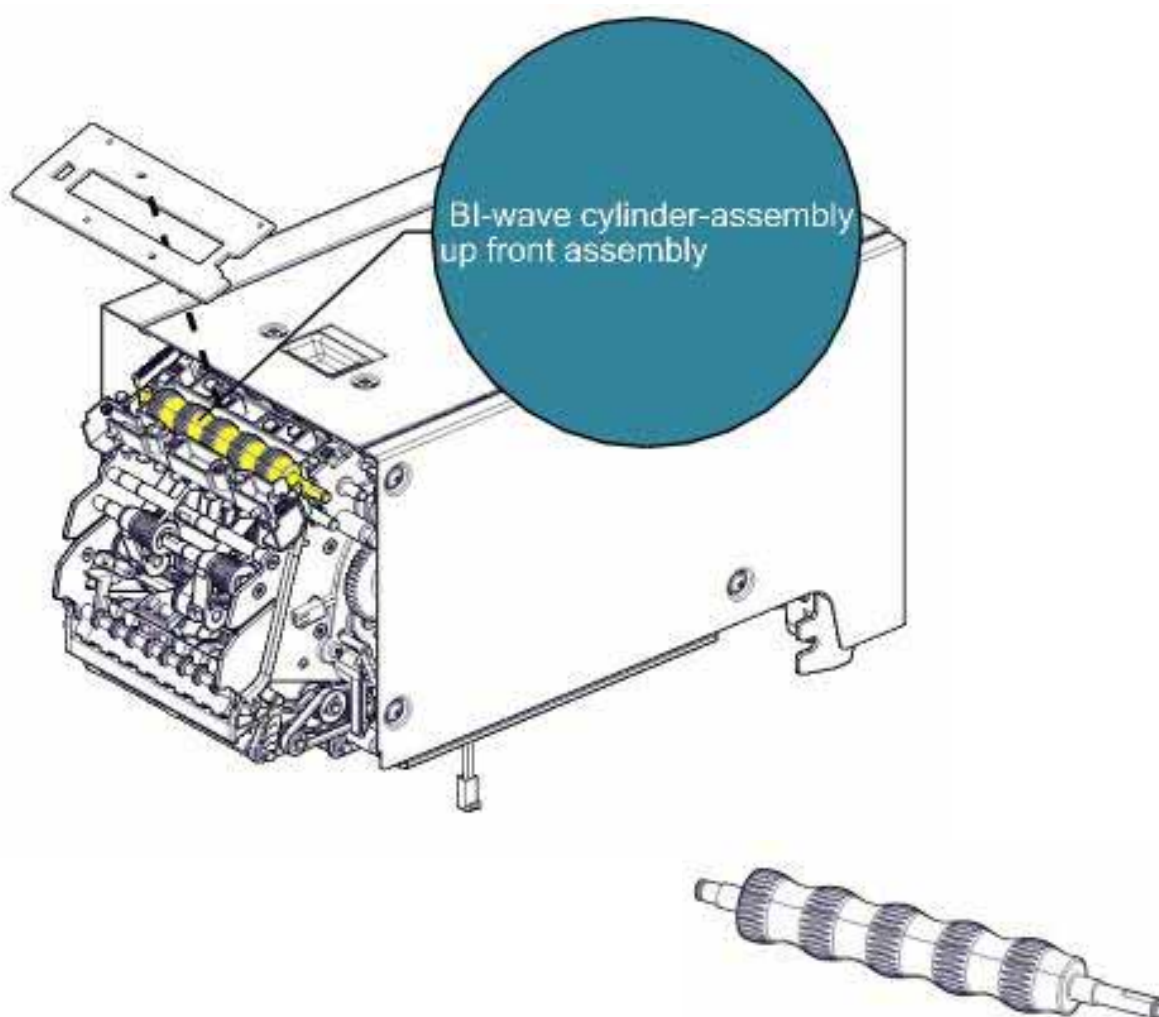
<i>Ref. To order</i>	652151001P5
<i>Packaging</i>	x 5 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SH-4-1

<i>Part Number</i>	668422001P5
<i>Designation</i>	S BNR, BI-wave cylinder-assembly-up front, PK5

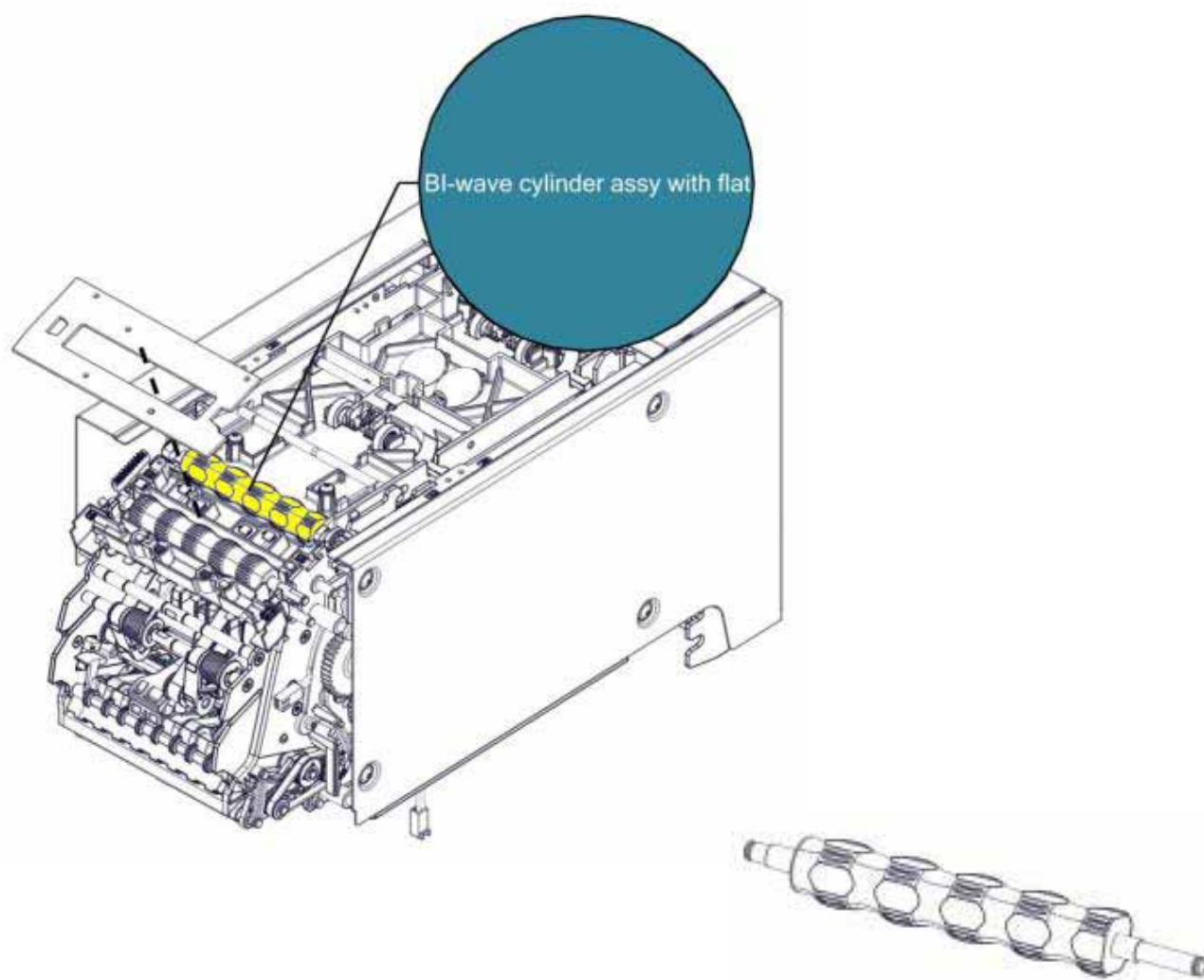
Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	668422001P5
<i>Packaging</i>	x 5 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-SH-5-1	

<i>Part Number</i>	676091001P5
<i>Designation</i>	S BNR, BI-wave cylinder assy with flat, PK5

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

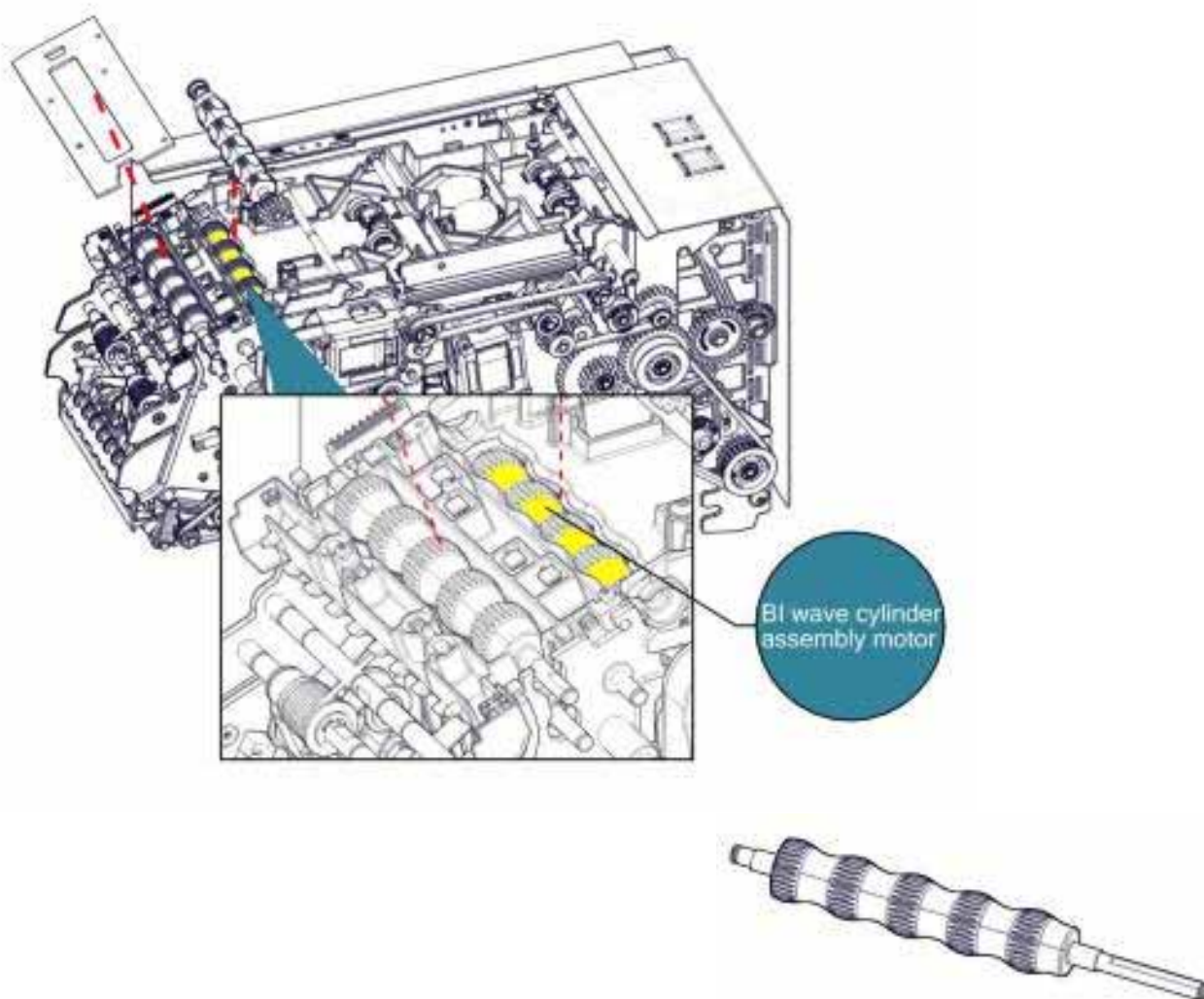


<i>Ref. To order</i>	676091001P5
<i>Packaging</i>	x 5 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-SH-6-1

<i>Part Number</i>	668406001P5
<i>Designation</i>	S BNR, BI-wave-cylinder-assembly-motor, PK5

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

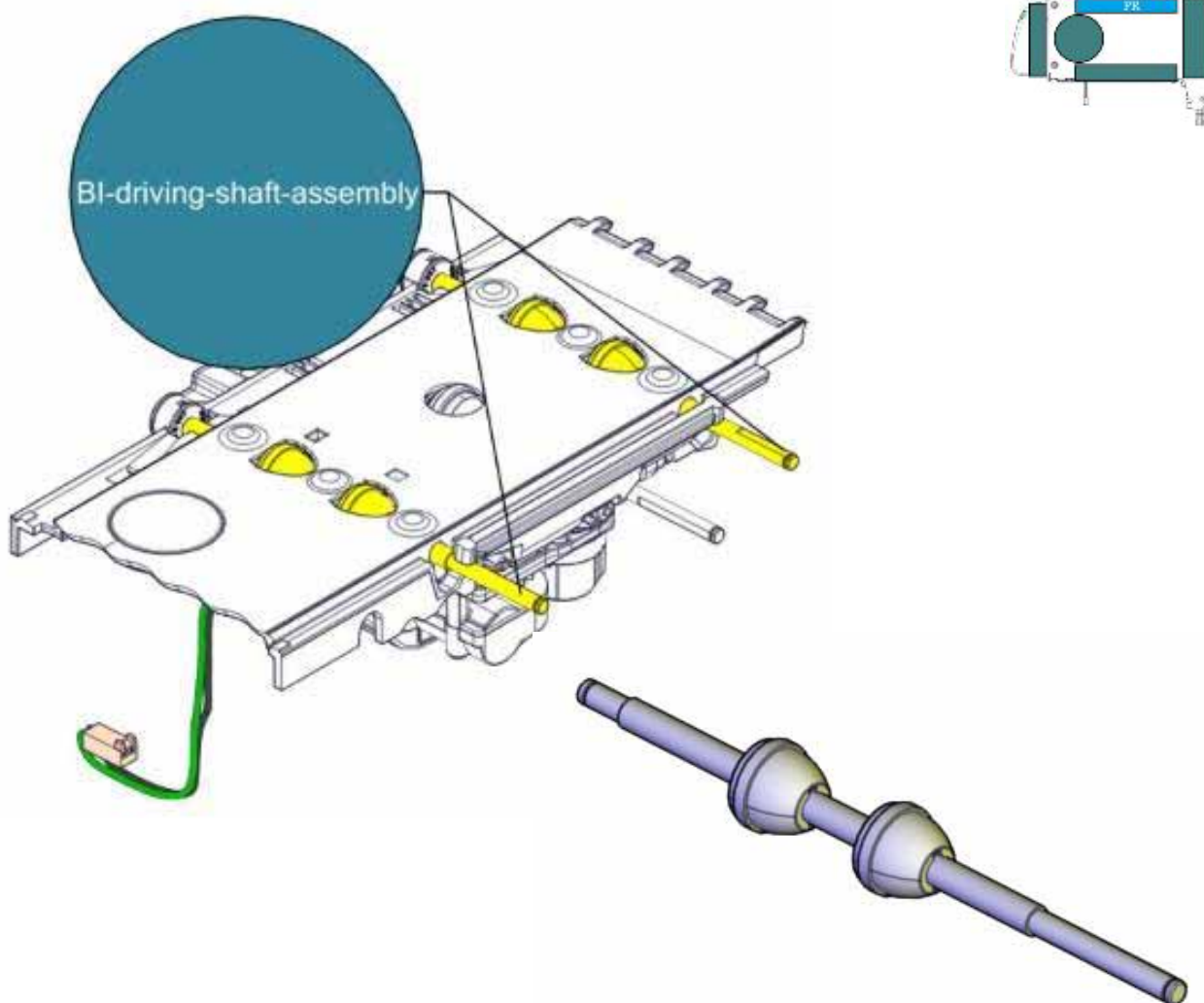


<i>Ref. To order</i>	668406001P5
<i>Packaging</i>	x 5 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-SH-7-1

<i>Part Number</i>	655992001P10
<i>Designation</i>	S BNR, BI-DRIVING SHAFT ASSY - W/ TYRES, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



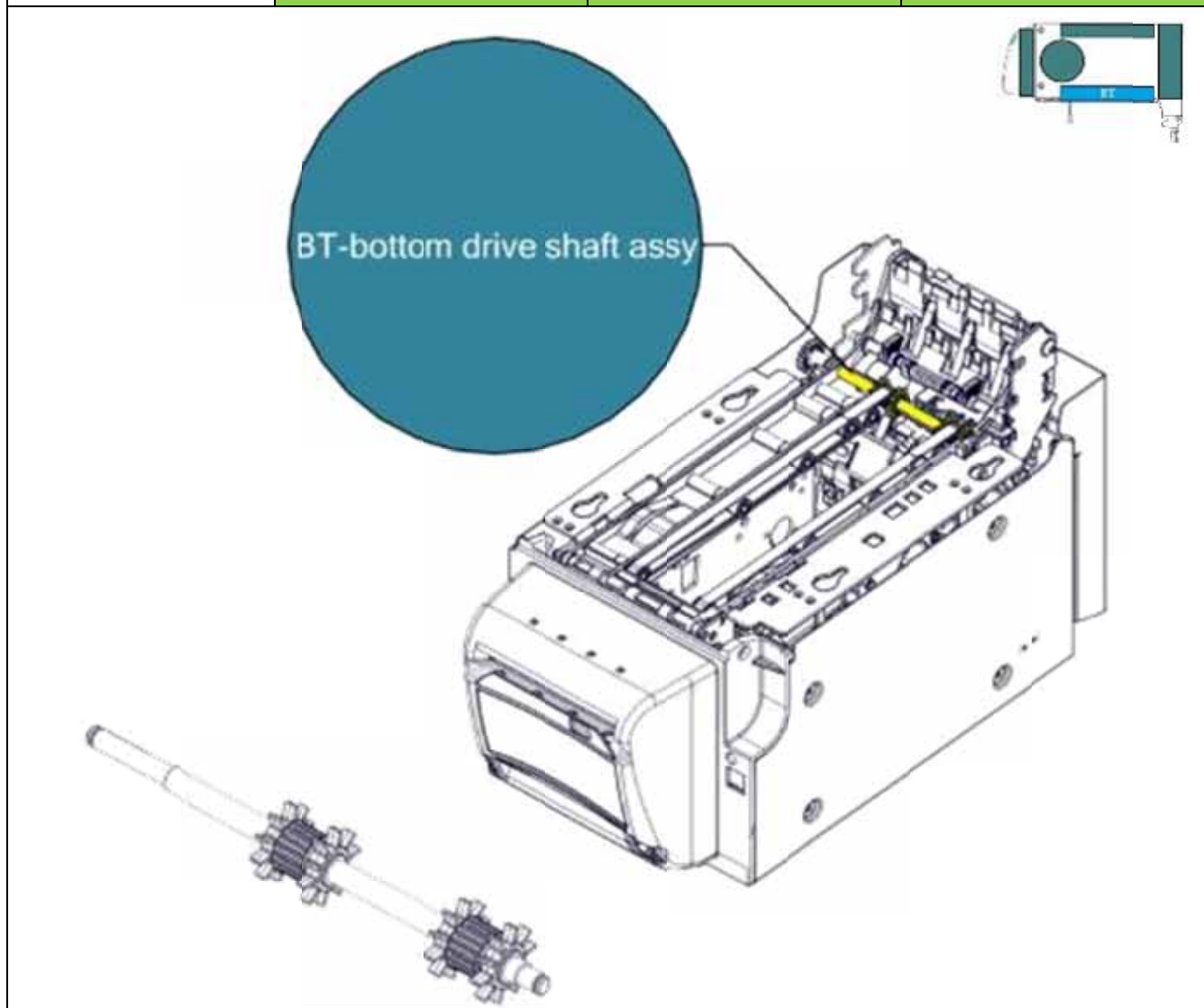
<i>Ref. To order</i>	655992001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SH-8-1

<i>Part Number</i>	668286001P10
<i>Designation</i>	S BNR, BT-BOTTOM DRIVE SHAFT ASSY, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

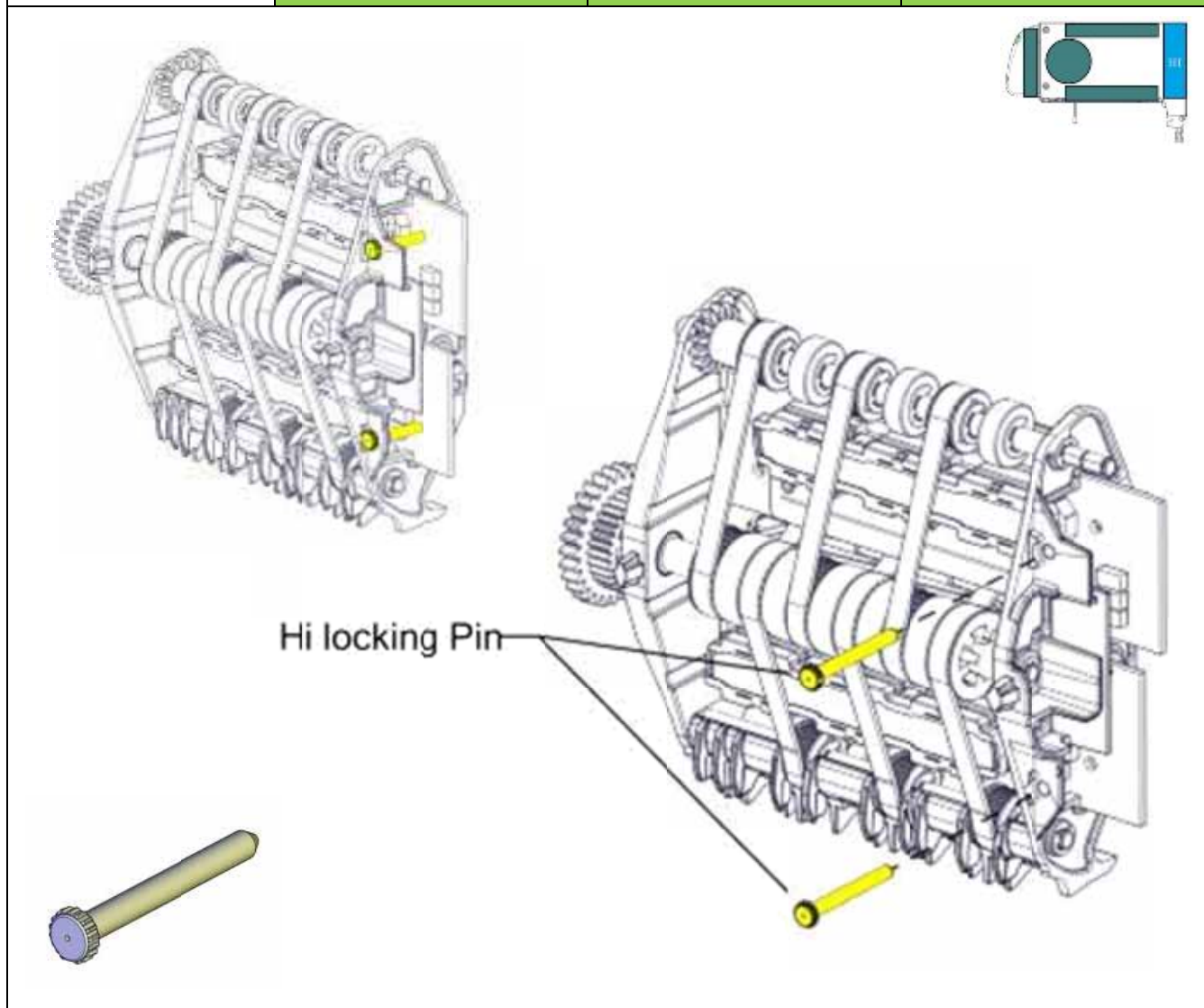


<i>Ref. To order</i>	668286001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-SH-9-1

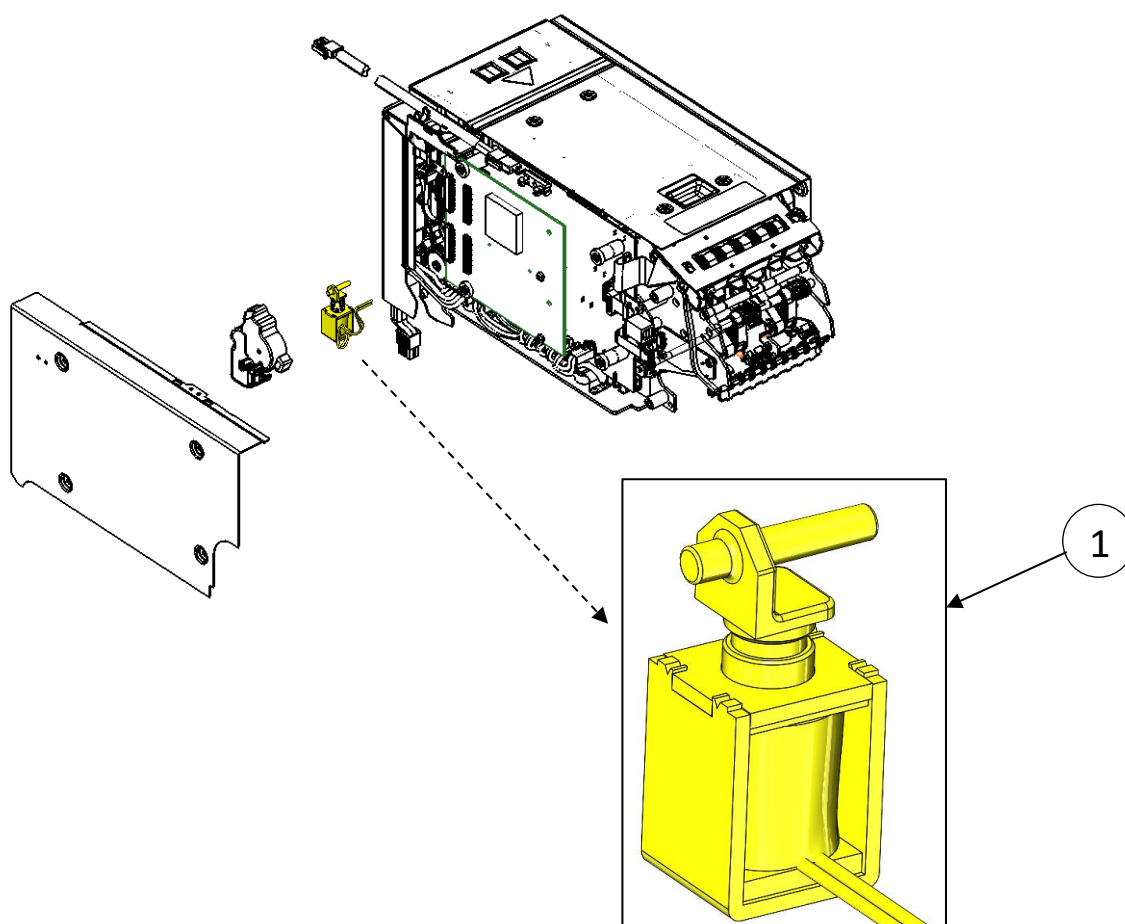
<i>Part Number</i>	656155001P10
<i>Designation</i>	S BNR, HI-locking pin, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	656155001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-SH-10-1	

Part Number	984000203P10		
Designation	S BNR, BT-Solenoid_Mk2, PK10		
Compatibility Statement	MMV18	MMV19	MM Adv.
	X	X	✓



Item	PN	Designation	QTY	Add. remark
1	984000203	BT-Solenoid_Mk2	1	

Ref. To order	984000203P10
Packaging	x 10 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SO-1-1

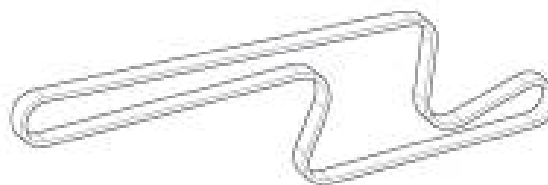
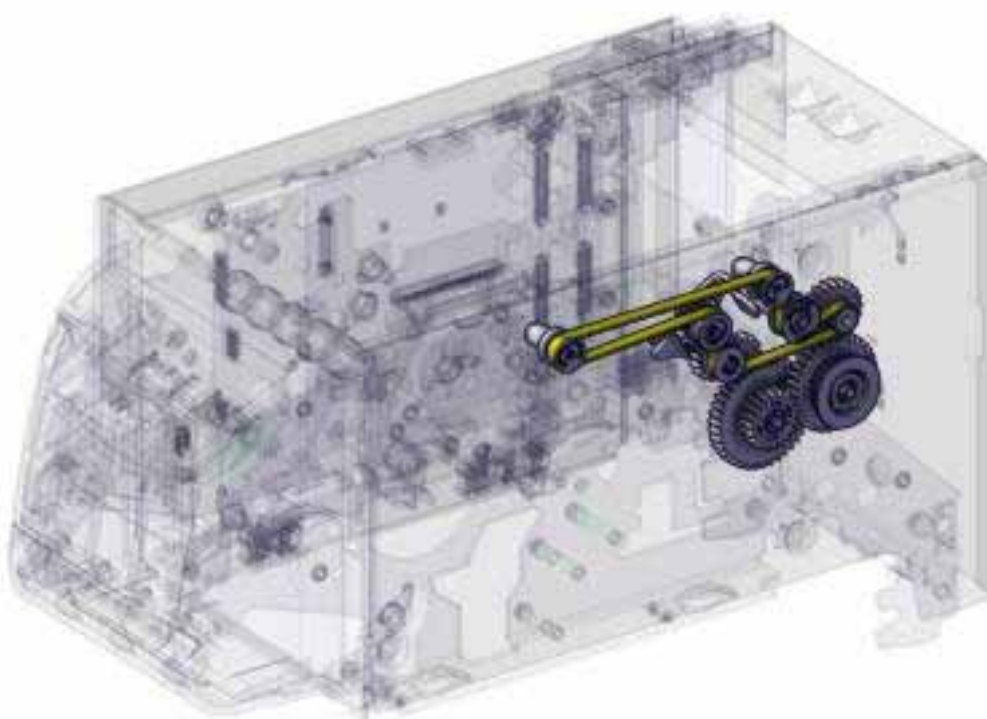


BNR Spare parts Catalogue - Main module

MM

Part Number	970704001P10
Designation	S BNR, DS-belt-MXL-160t_width4.76_GF, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	970704001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-BL-2-2-1/2

Part Number

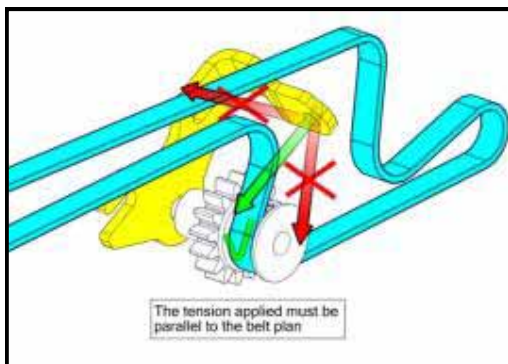
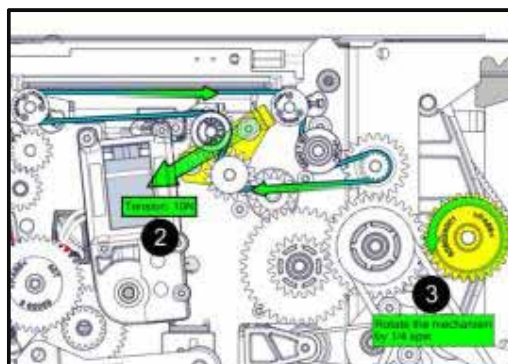
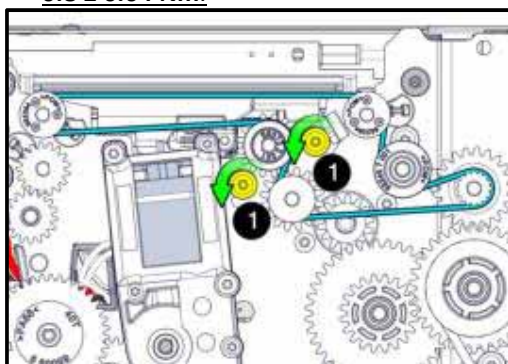
970704001P10

Designation

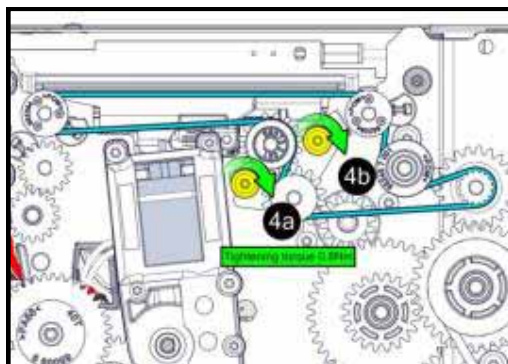
S BNR, DS-belt-MXL-160t_width4.76_GF, PK10

Belt adjustment

- 1- Unscrew by 1 turn max to release the tensioner (Torx size: 3).
- 2- With the dynamometer, apply a **10 ± 1 N** tension on the tensioner metal bracket in the arrow direction. Be careful to apply the tension in the same plane of the belt (see also *Belt tension: side view*).
- 3- Maintain the tension while rotate the mechanism $\frac{1}{4}$ spin to ensure a good contact between gears and belt's teeth.
- 4- Then go down to **7.5 ± 1 N** and screw first the 4a screw and then the 4b screw with a tightening torque of **0.8 ± 0.04 Nm.**



Belt tension: side view



Ref. To order

970704001P10

Packaging

x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-BL-2-2-2/2

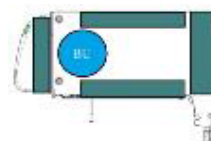
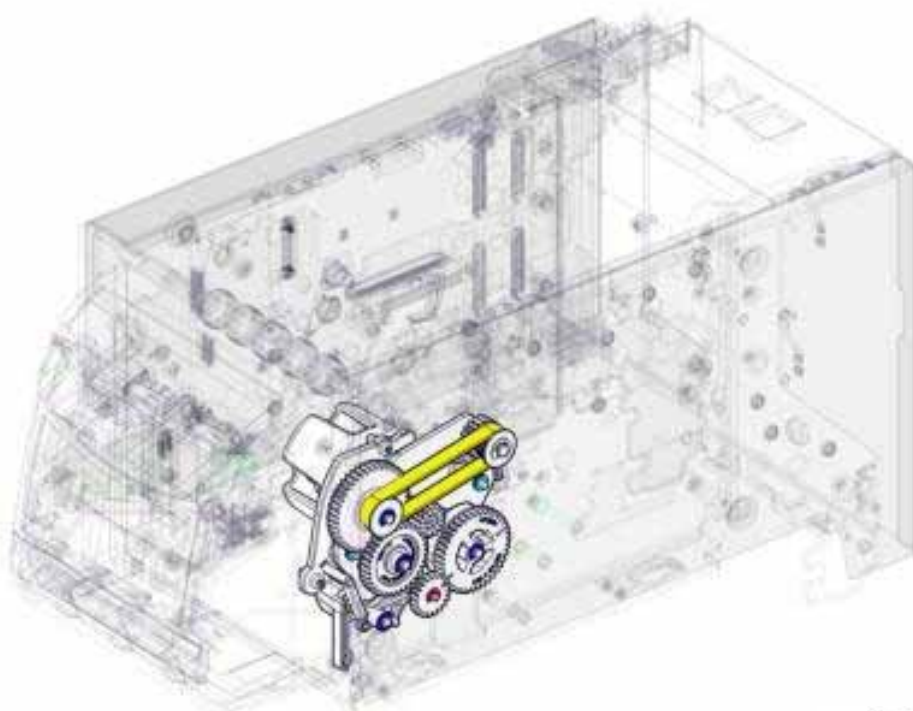


BNR Spare parts Catalogue - Main module

MM

Part Number	665092001P10
Designation	S BNR, BU-MXL-75T-BELT

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



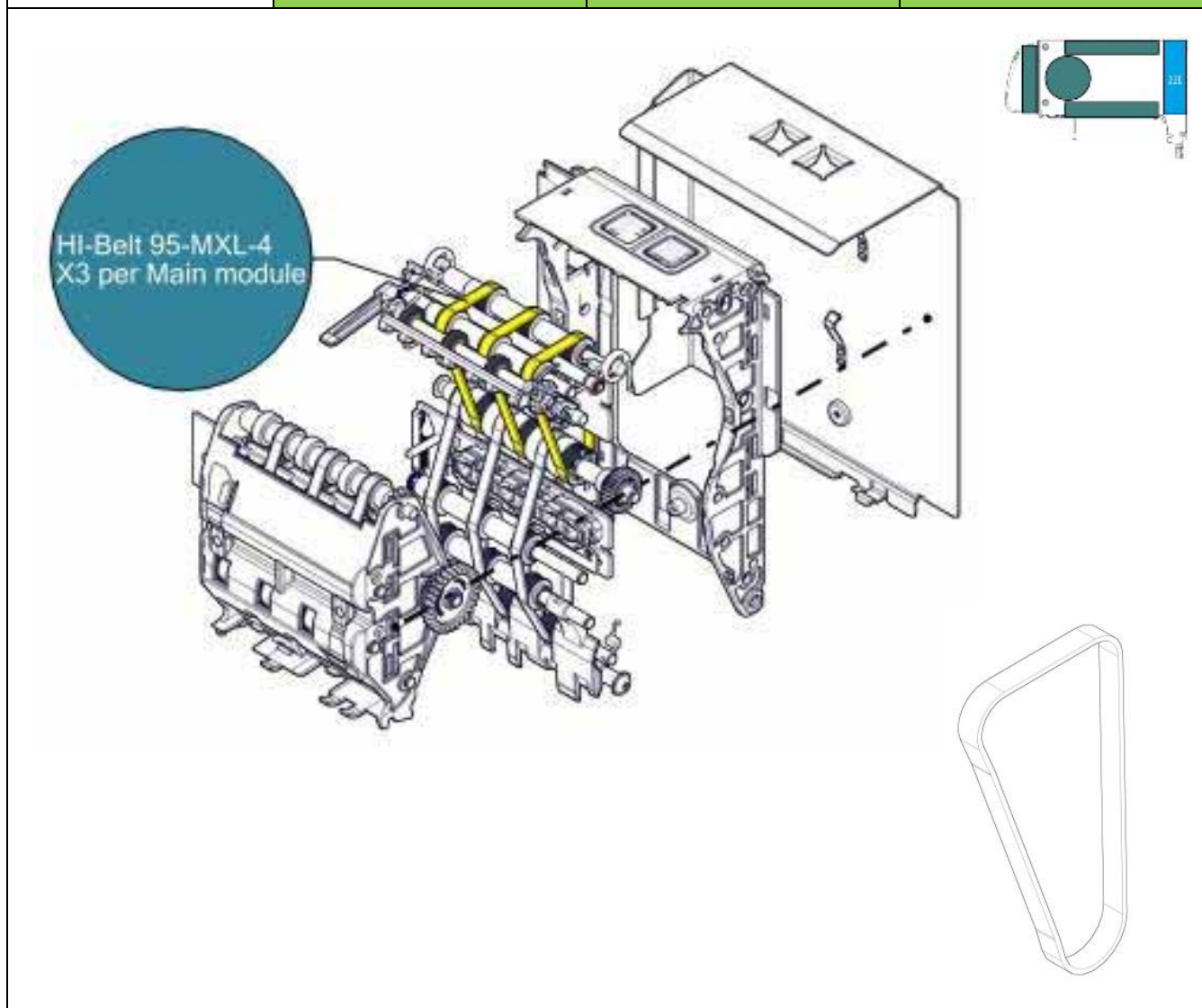
Ref. To order	665092001P10
Packaging	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-BL-3-1

<i>Part Number</i>	665607001P30
<i>Designation</i>	S BNR, HI-BELT 95-MXL-4, PK30

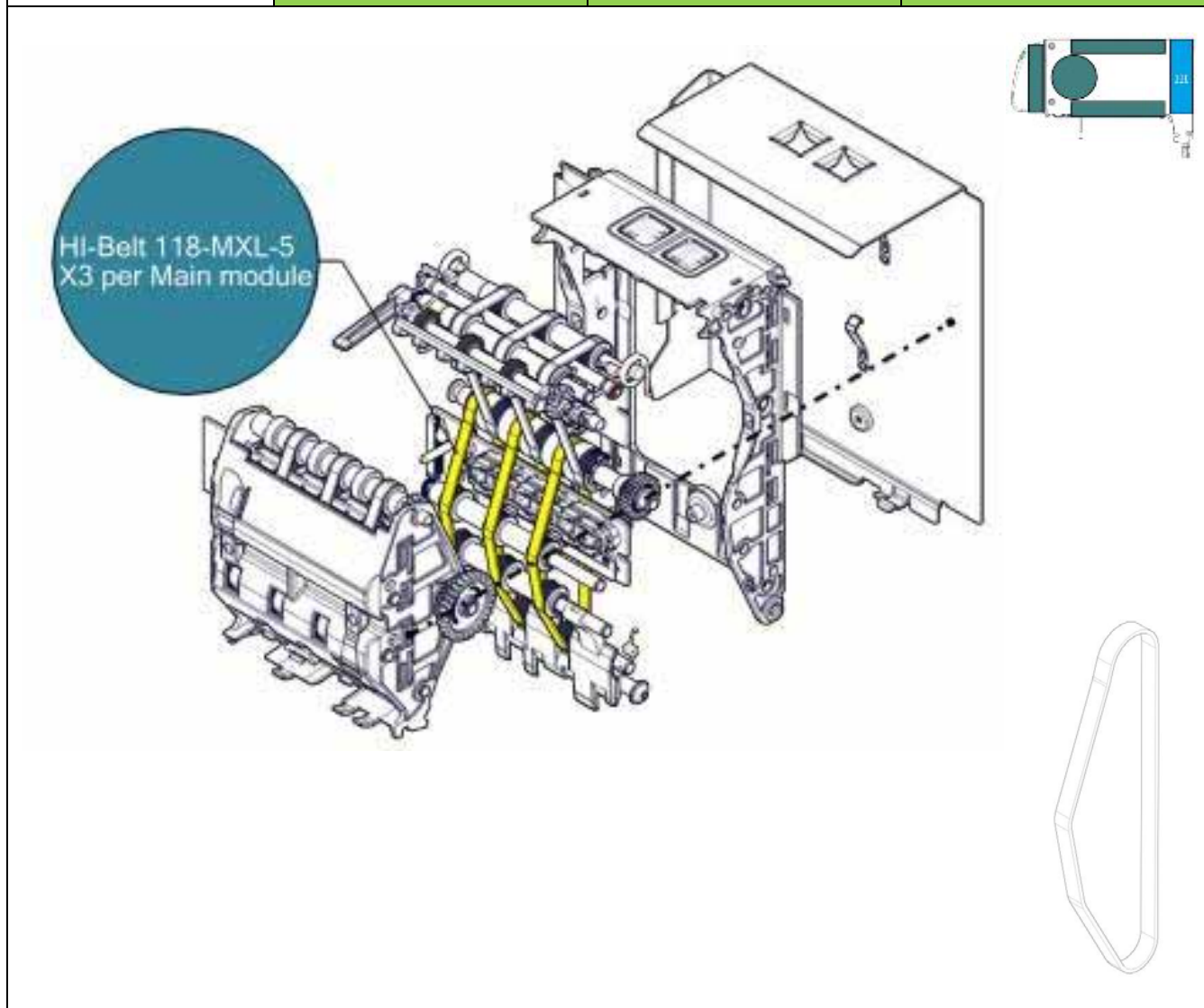
Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	665607001P30
<i>Packaging</i>	x 30 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-BL-4-1	

<i>Part Number</i>	665610001P30
<i>Designation</i>	S BNR, HI-BELT 118-MXL-5, PK30

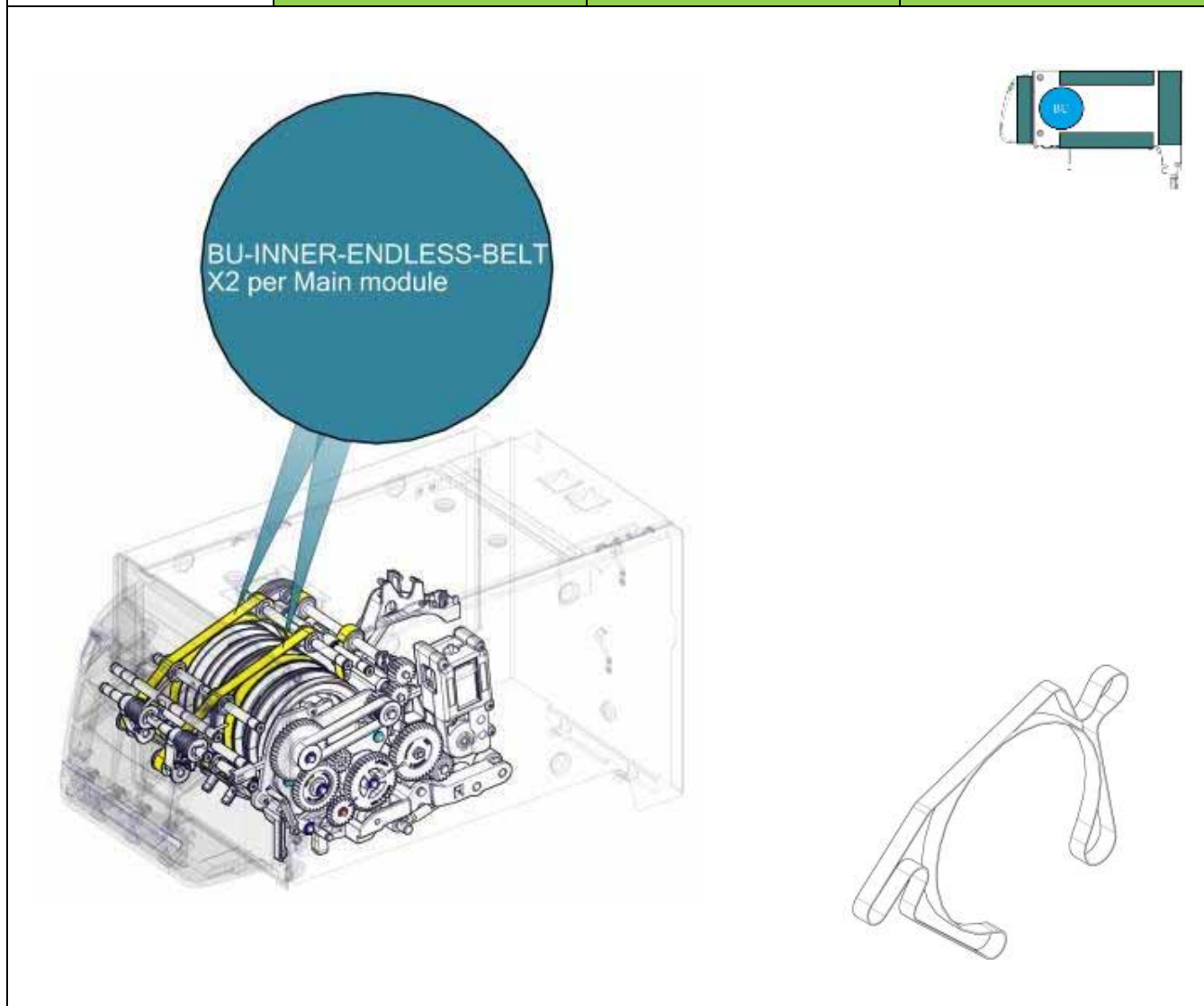
Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	665610001P30
<i>Packaging</i>	x 30 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-BL-5-1	

<i>Part Number</i>	651838001P10
<i>Designation</i>	S BNR, BU-INNER-ENDLESS-BELT, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	651838001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

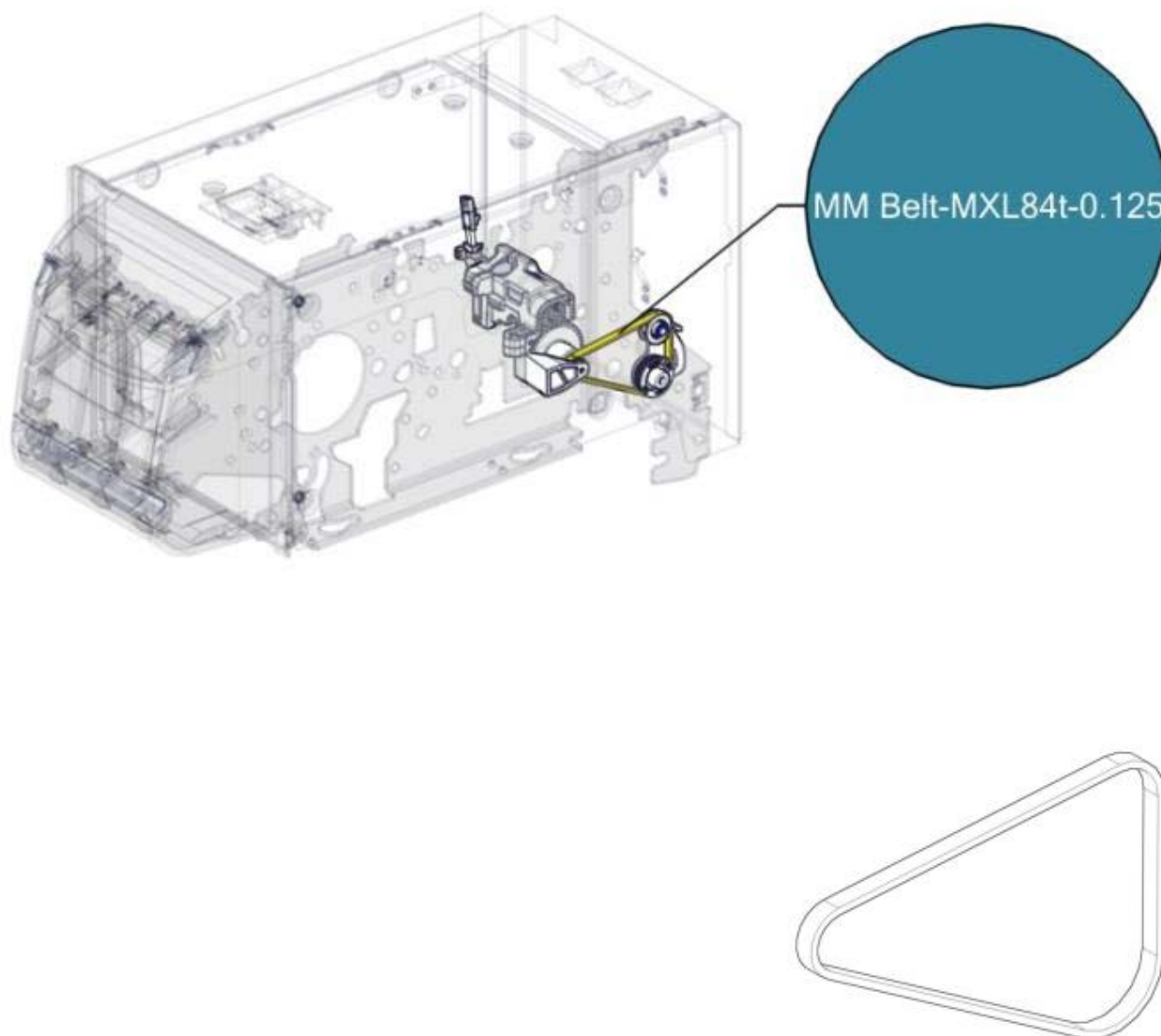
MM-BL-6-1

Part Number

652342001P10

Designation

S BNR, MM Belt-MXL84t-0.125, PK10



Ref. To order

652342001P10

Packaging

x 10 pieces

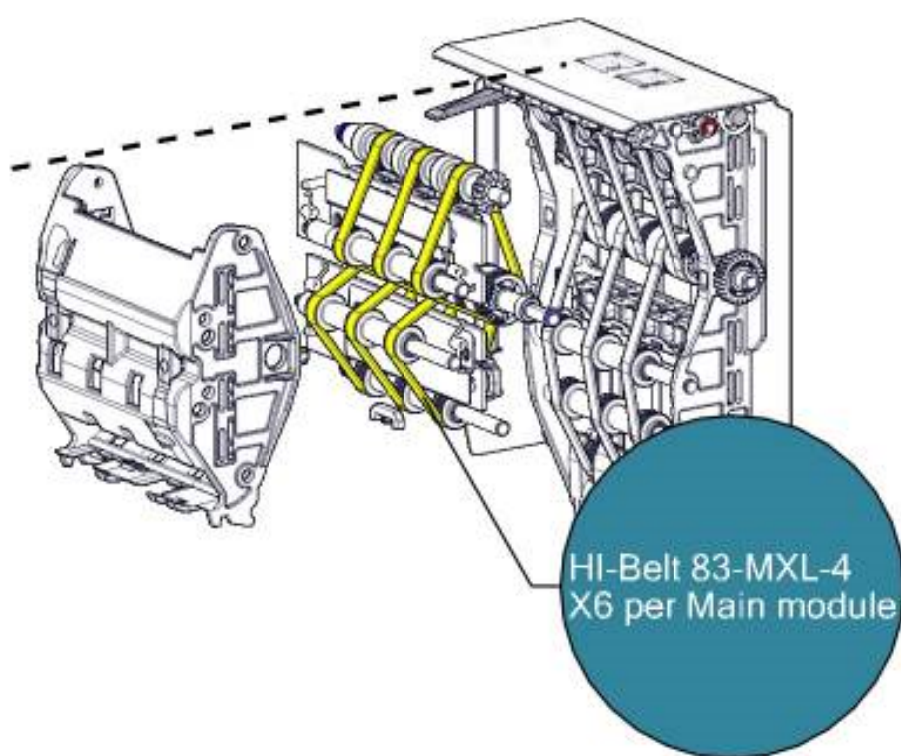
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-BL-7-1

<i>Part Number</i>	665592001P30
<i>Designation</i>	S BNR, HI-Belt 83-MXL-4, PK30

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



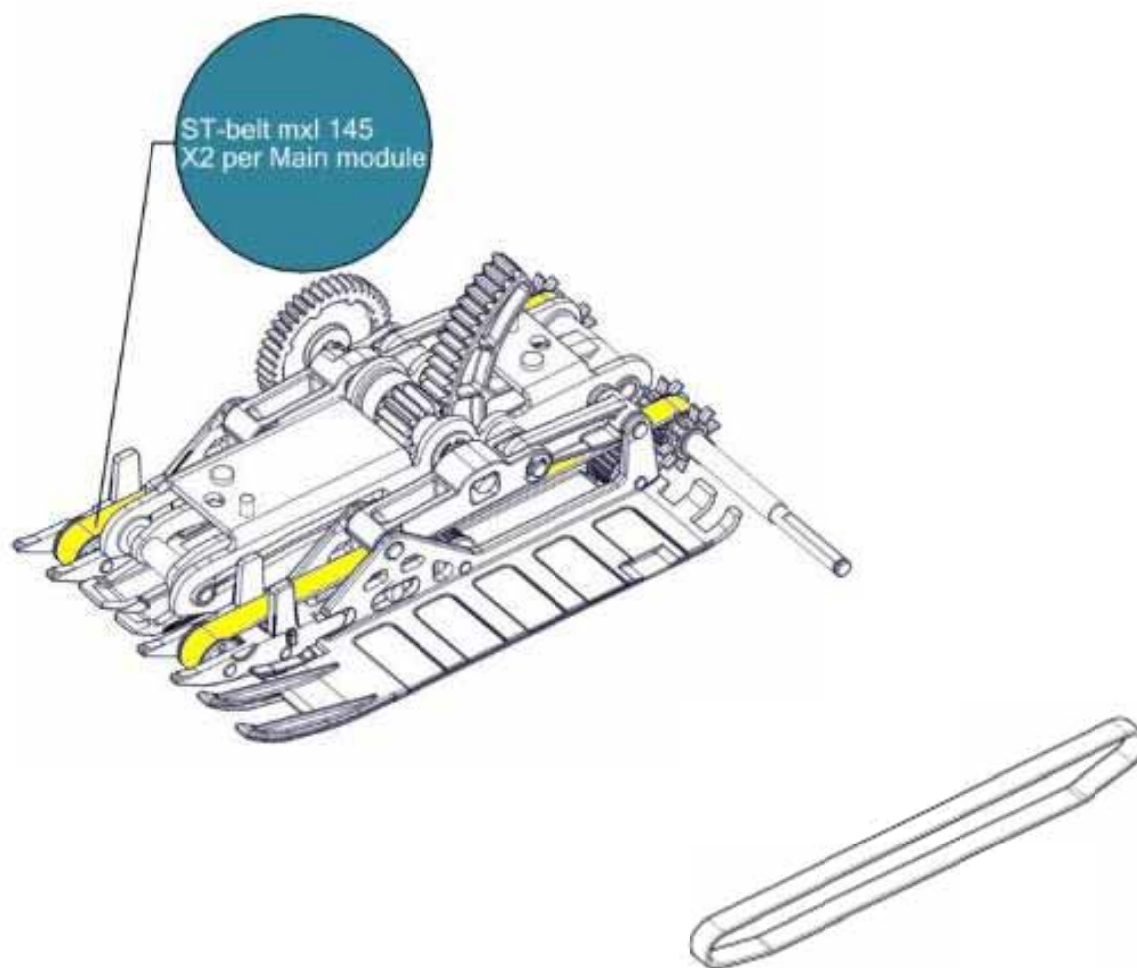
<i>Ref. To order</i>	665592001P30
<i>Packaging</i>	x 30 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-BL-8-1

<i>Part Number</i>	650413001P20
<i>Designation</i>	S BNR, ST-belt mxl 145, PK20

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



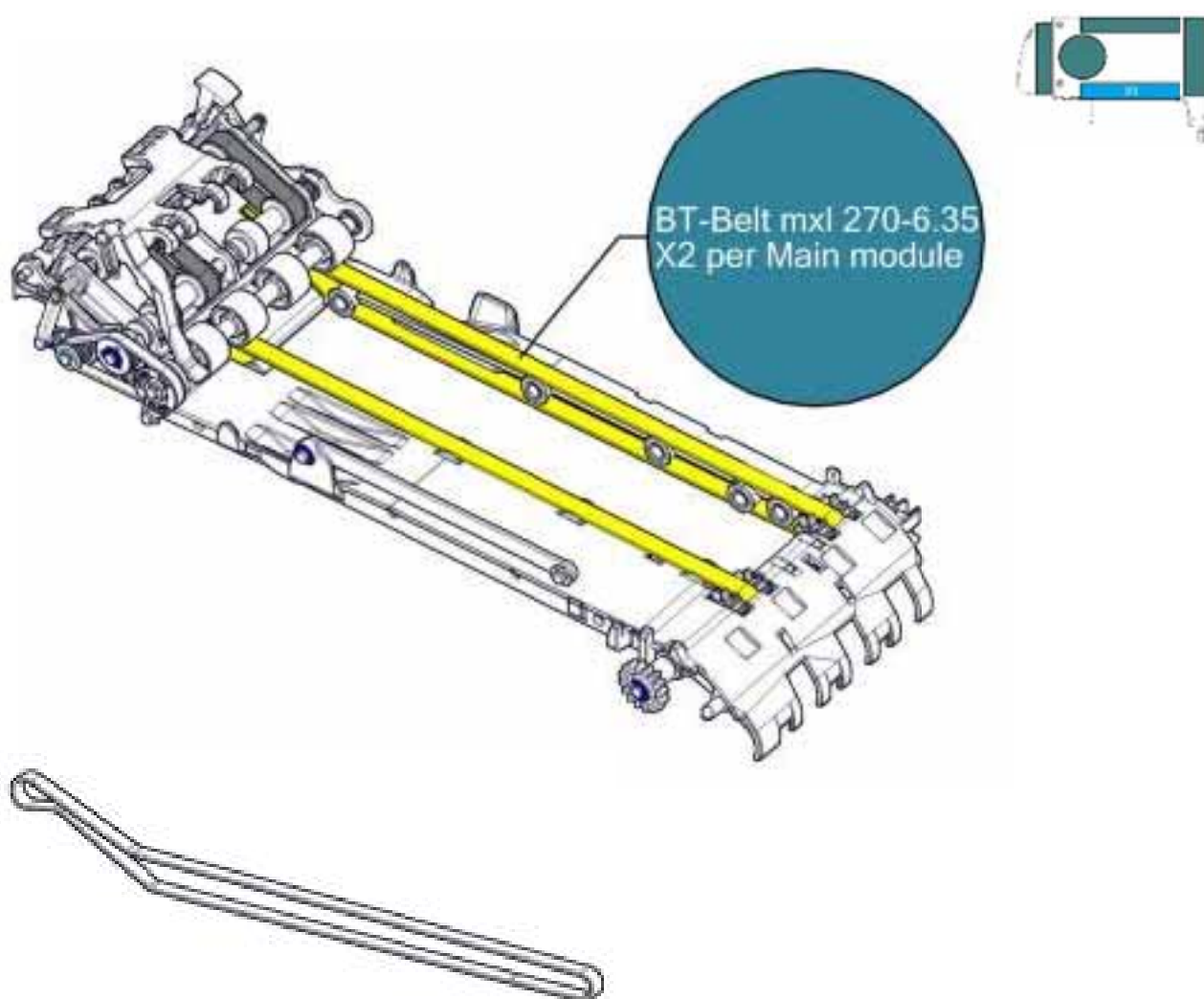
<i>Ref. To order</i>	650413001P20
<i>Packaging</i>	x 20 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-BL-9-1

<i>Part Number</i>	654051001P20
<i>Designation</i>	S BNR, BT-Belt mxl 270-6.35, PK20

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

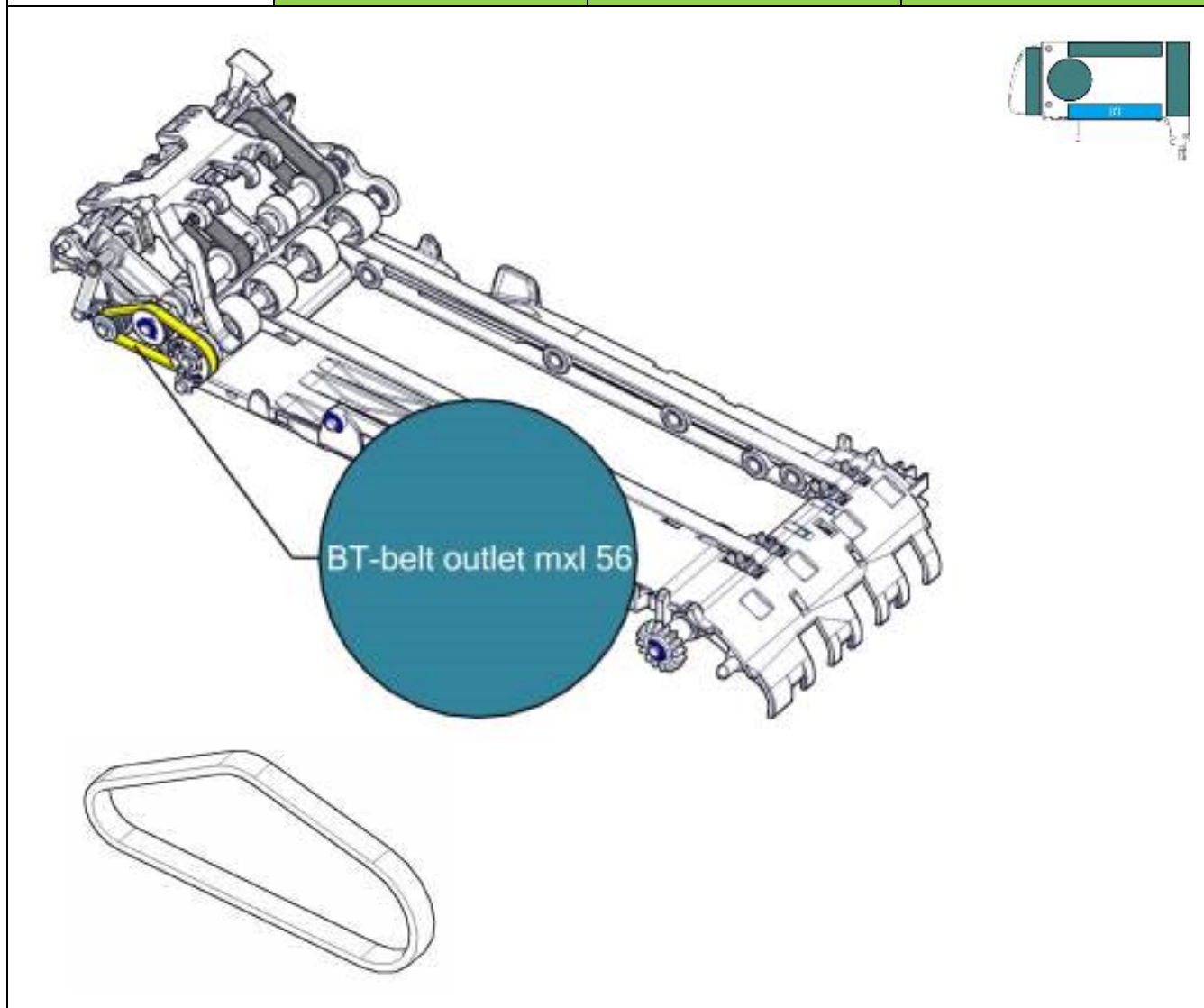


<i>Ref. To order</i>	654051001P20
<i>Packaging</i>	x 20 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-BL-10-1

<i>Part Number</i>	665110001P10
<i>Designation</i>	S BNR, BT-belt outlet mxl 56, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	665110001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-BL-11-1	

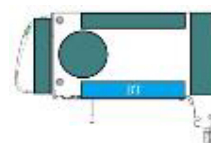
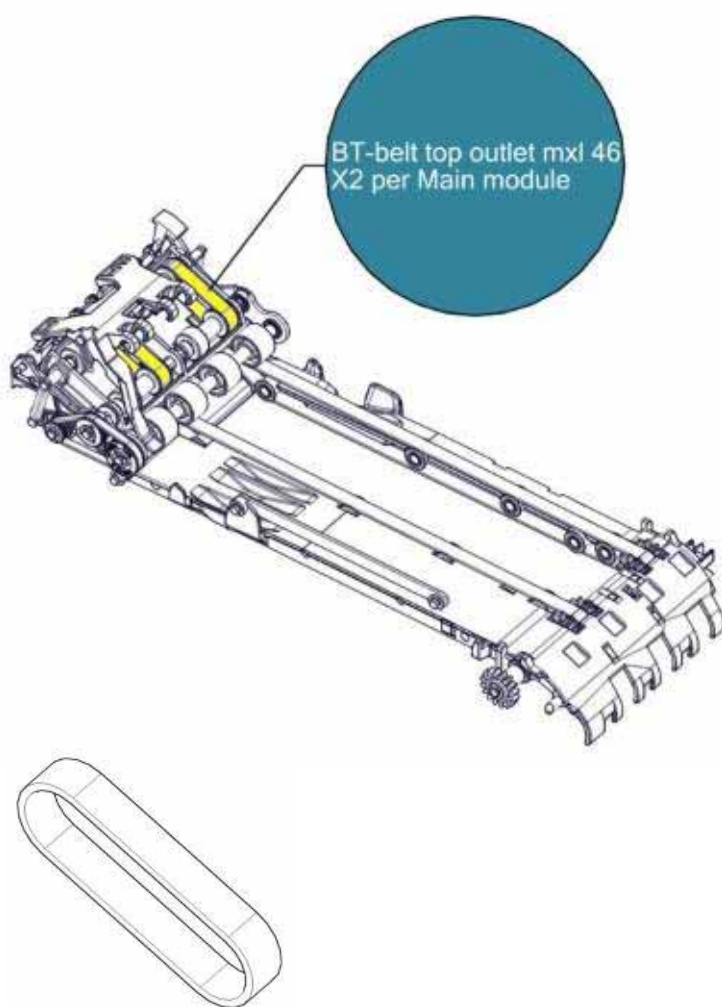


BNR Spare parts Catalogue - Main module

MM

Part Number	665123001P20
Designation	S BNR, BT-belt top outlet mxl 46, PK20

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	665123001P20
Packaging	x 20 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-BL-12-1

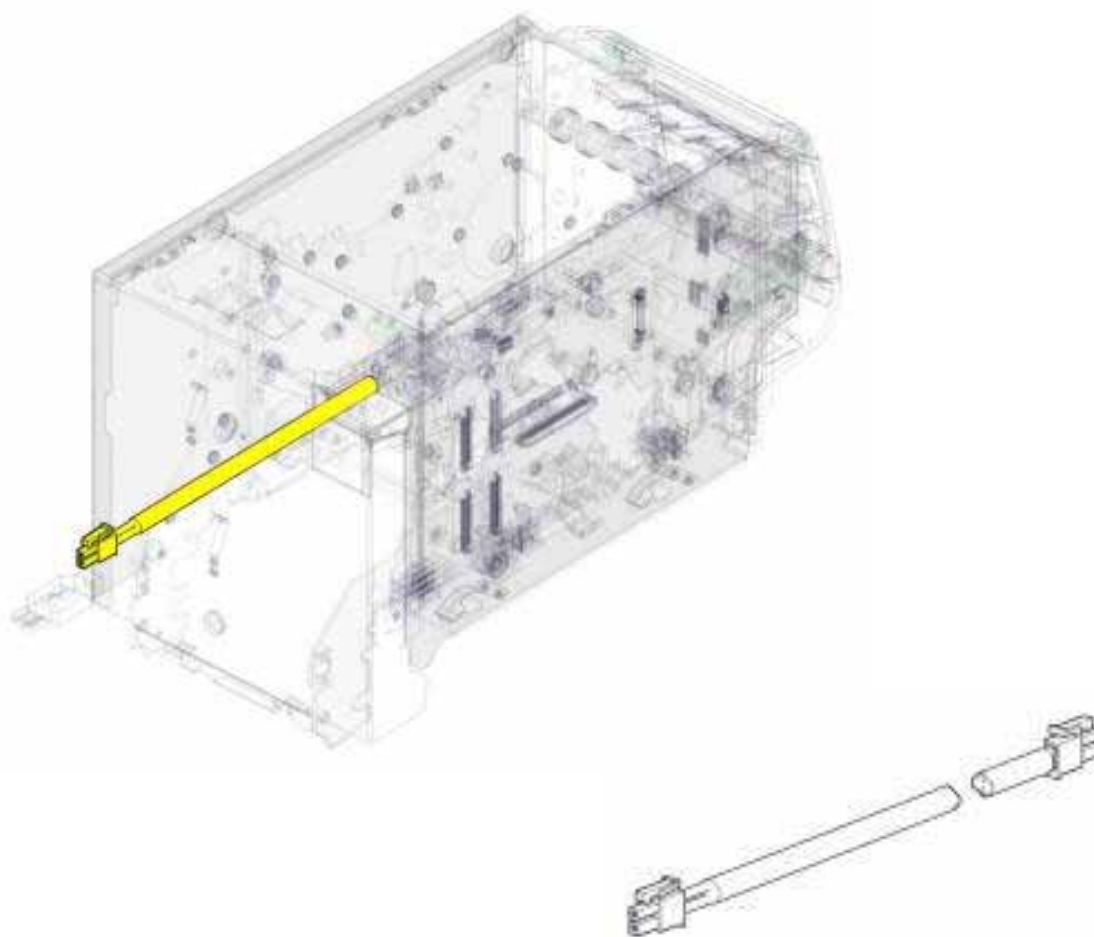


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	664504001P10
<i>Designation</i>	S BNR,MM-POWER SUPPLY CABLE,PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	664504001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-1-1

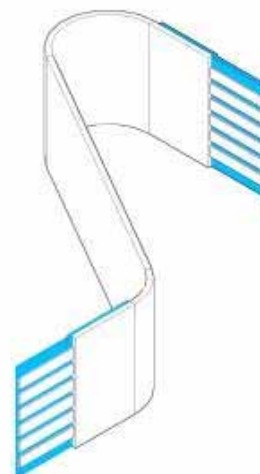
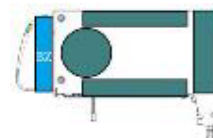
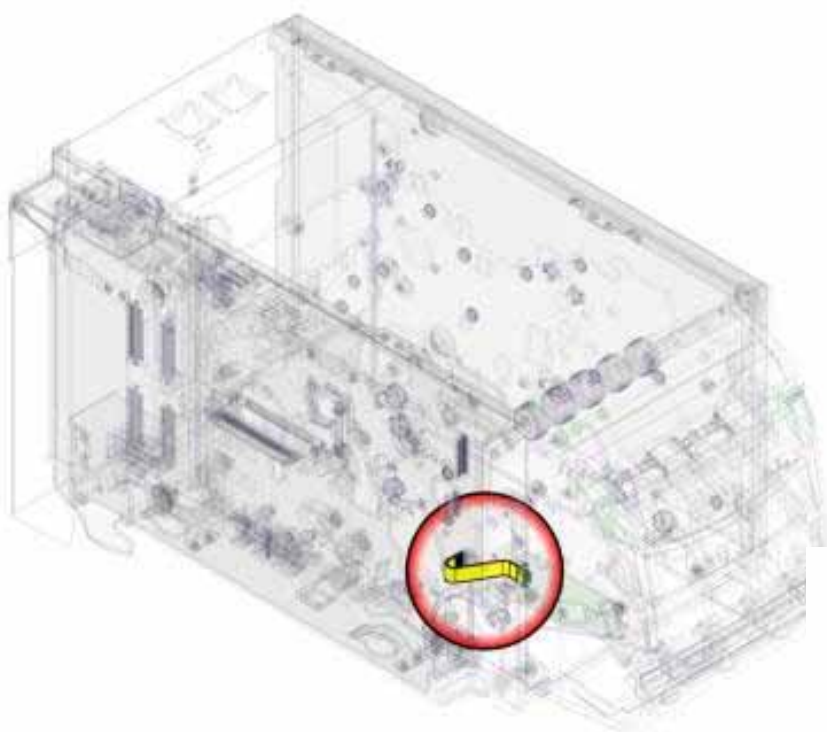


BNR Spare parts Catalogue - Main module

MM

Part Number	664562001P10
Designation	S BNR,MM,SENSOR,OUTLET,FFC

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

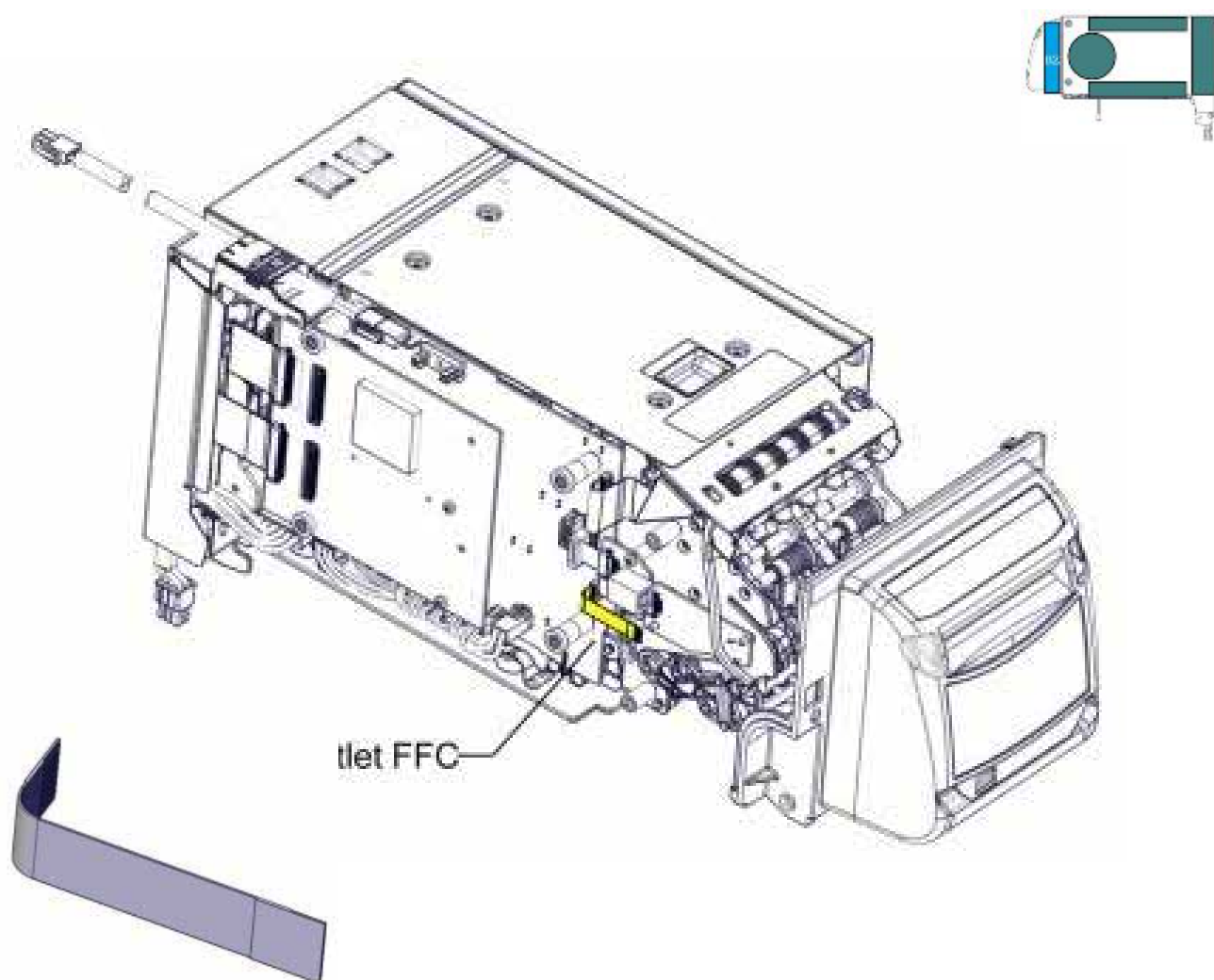


Ref. To order	664562001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-2-1

Part Number	664560002P10
Designation	S BNR,MMA,SENSOR,OUTLET,FFC

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



Ref. To order	664560002P10
Packaging	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-CL-2-2

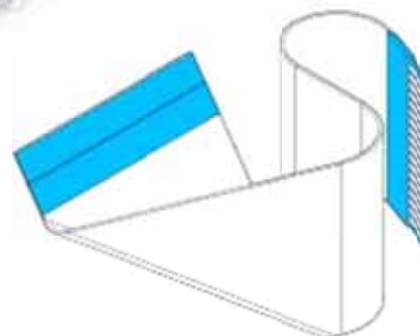
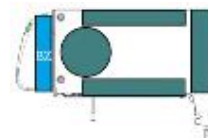
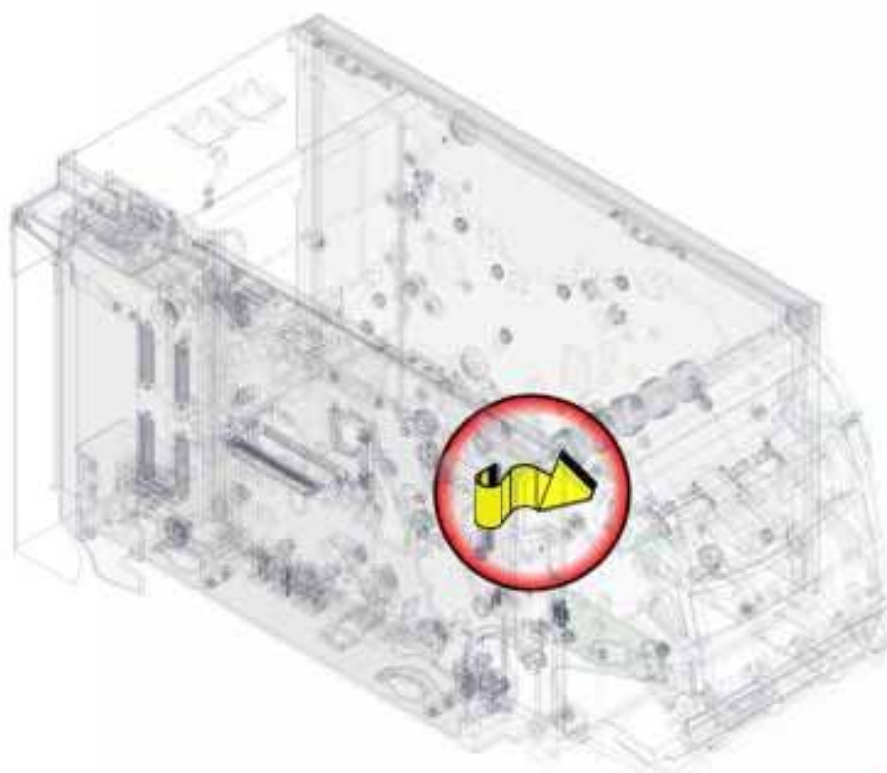


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	664575001P10
<i>Designation</i>	S BNR,MM,SENSOR,INLET,FFC

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X



<i>Ref. To order</i>	664575001P10
<i>Packaging</i>	x 10 pieces

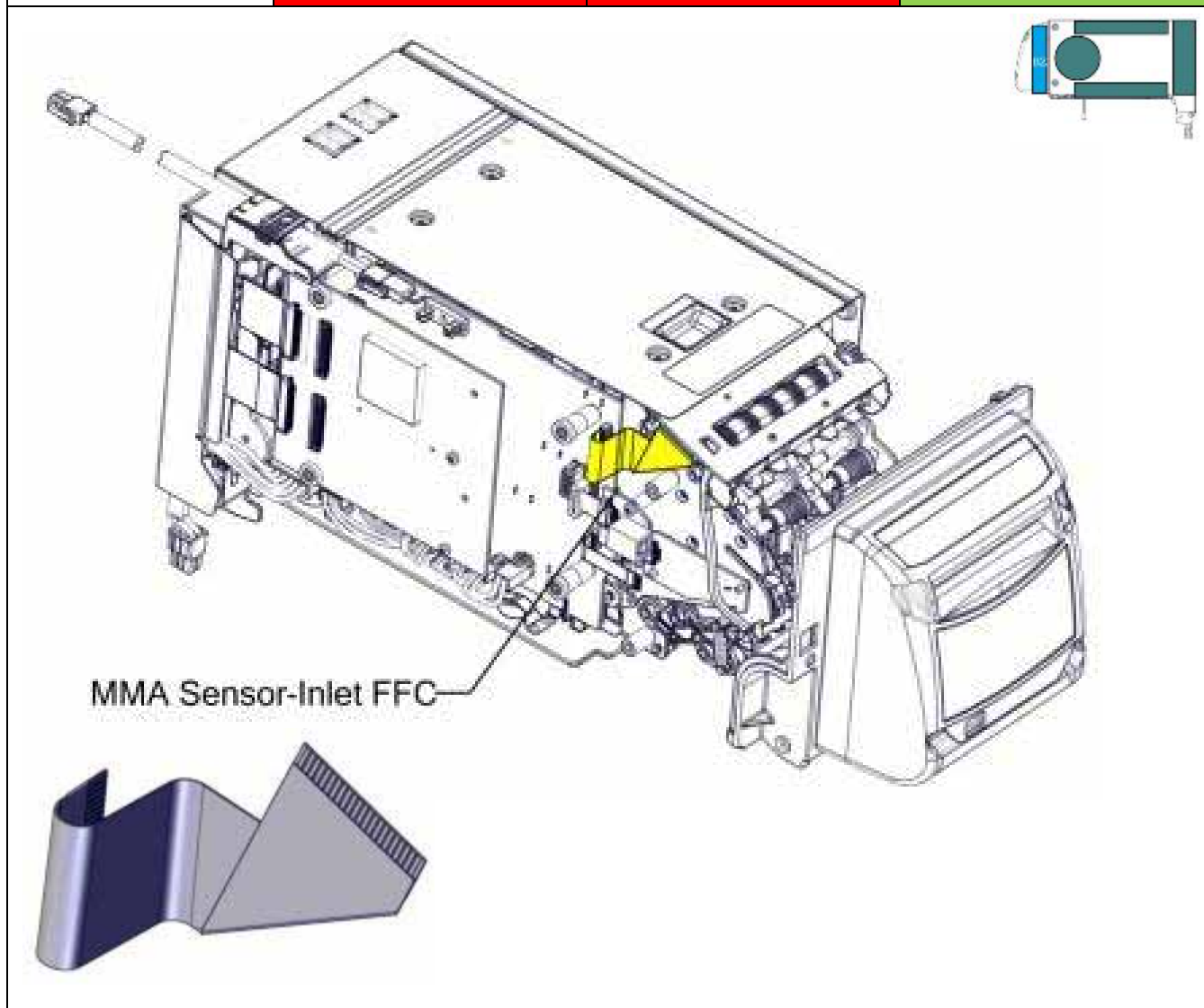
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-CL-3-1

<i>Part Number</i>	664573002P10
<i>Designation</i>	S BNR,MMA,SENSOR,INLET,FFC

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



<i>Ref. To order</i>	664573002P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-3-2

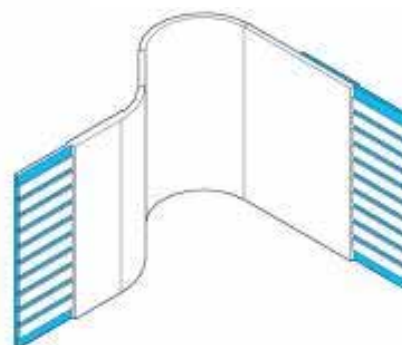
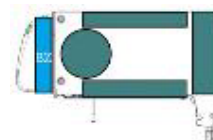
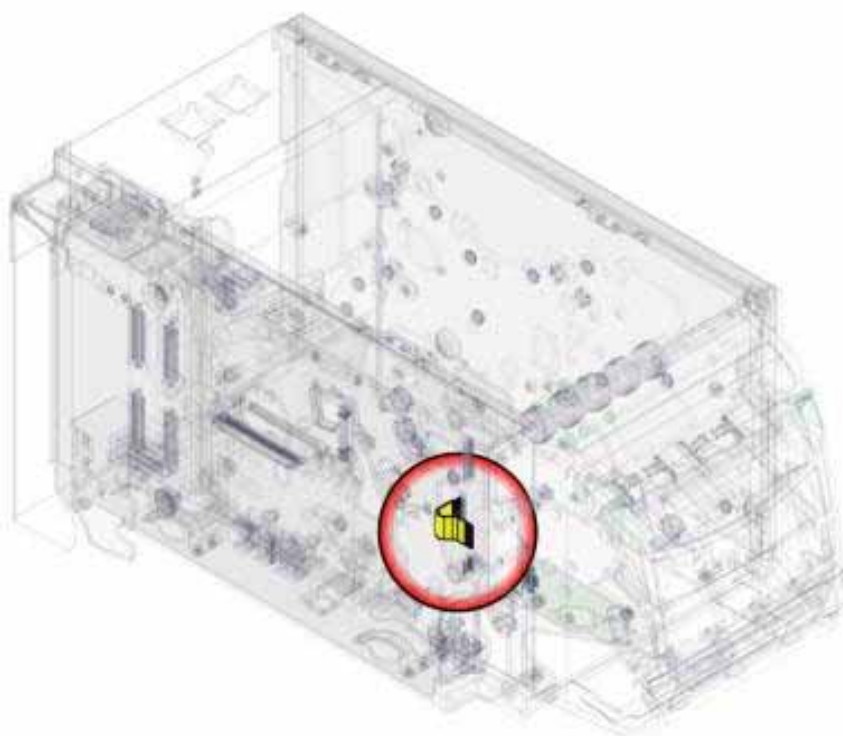


BNR Spare parts Catalogue - Main module

MM

Part Number	664588001P10
Designation	S BNR,MM,SENSOR,USB,AUX,FFC

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	664588001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-4-1

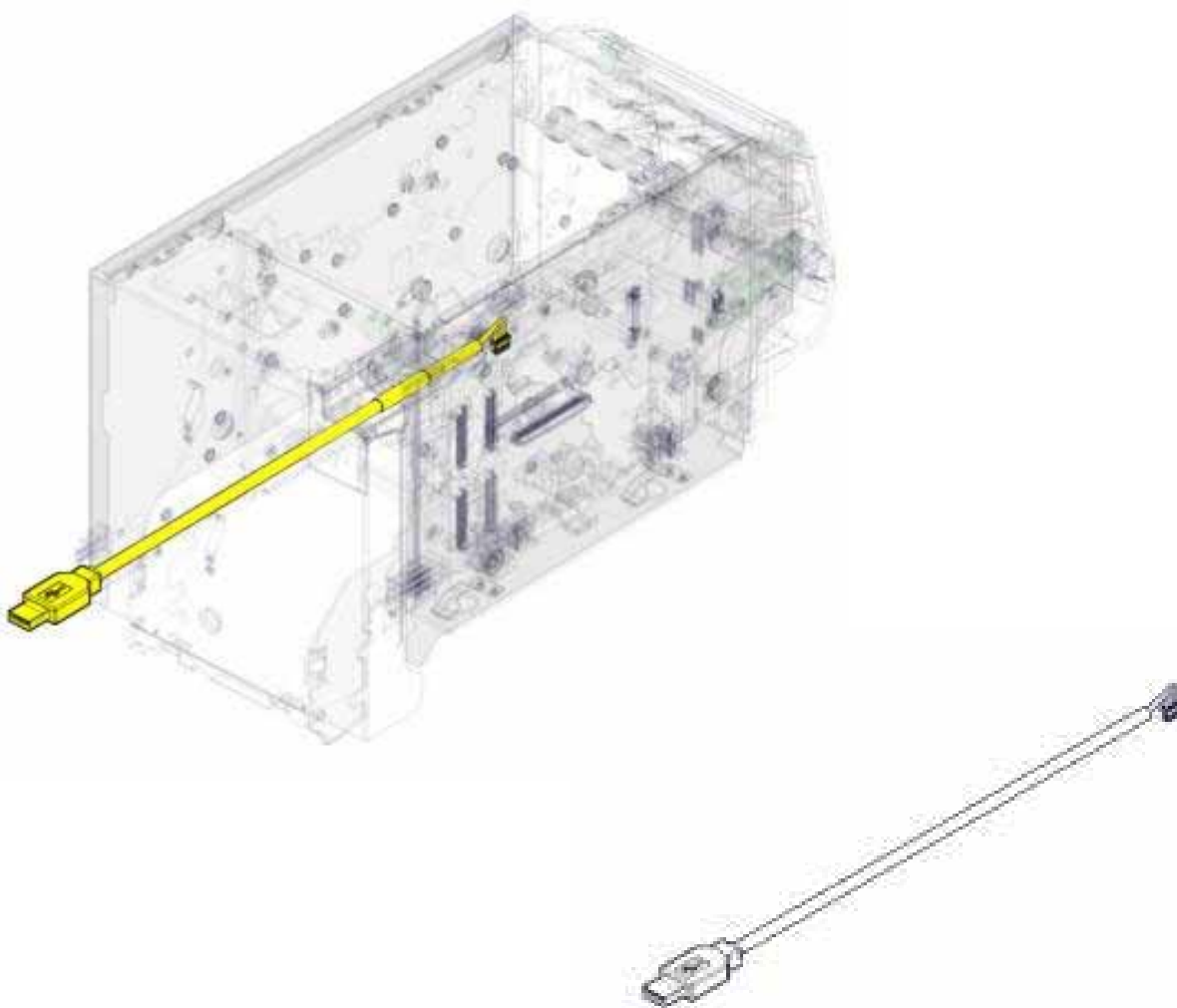


BNR Spare parts Catalogue - Main module

MM

Part Number	666446001P10
Designation	S BNR,USB CABLE2,PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	666446001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-5-1

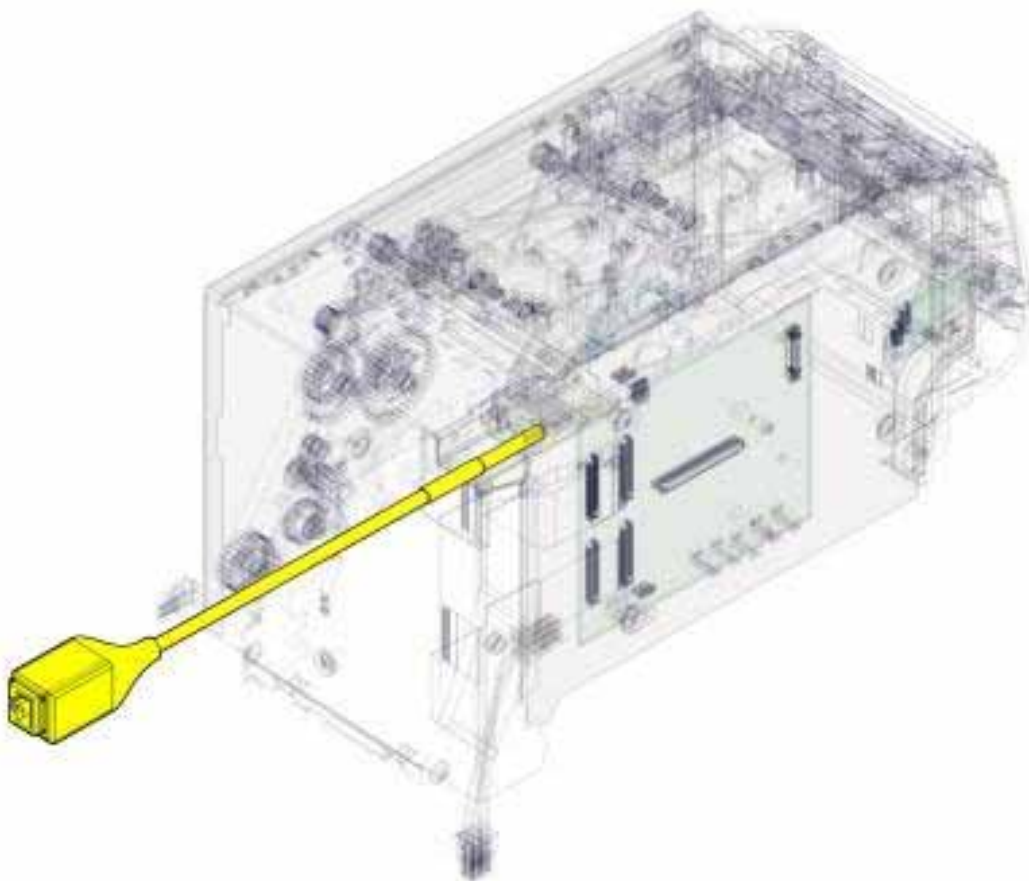


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	676355001P10
<i>Designation</i>	S BNR,USB CABLE2-FCI,PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

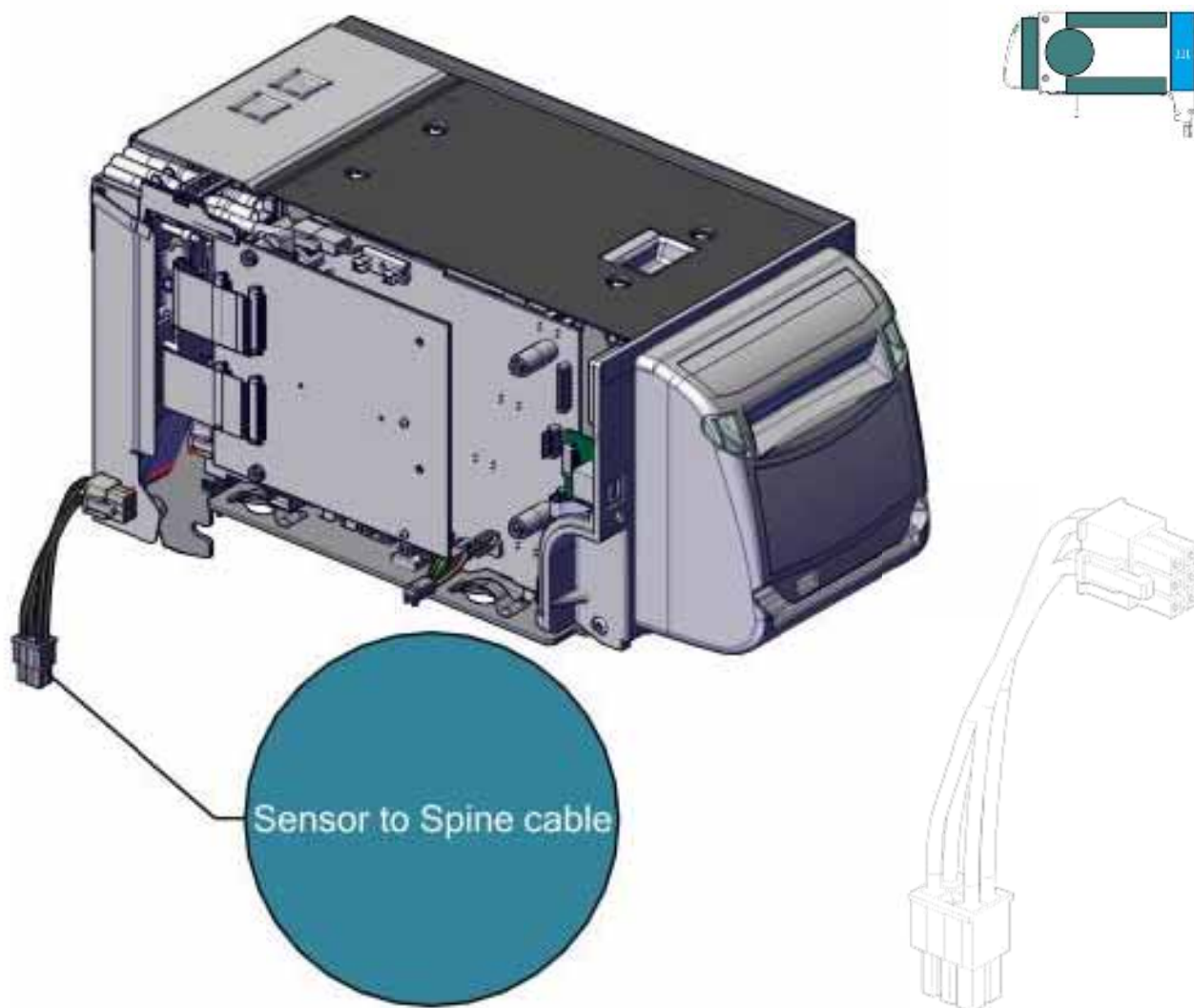


<i>Ref. To order</i>	676355001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-6-1

<i>Part Number</i>	664533001P10
<i>Designation</i>	S BNR, SENSOR TO SPINE CABLE, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

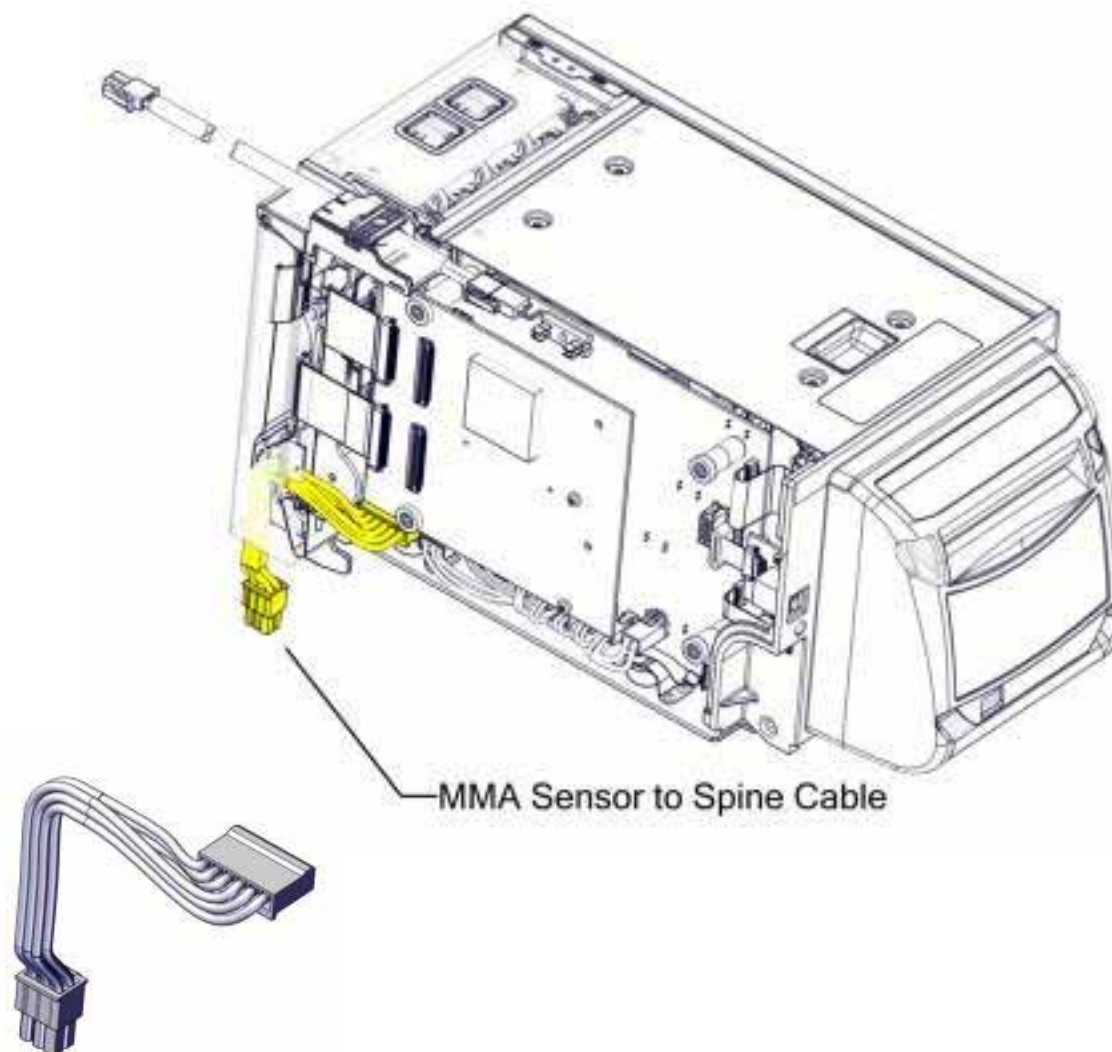


<i>Ref. To order</i>	664533001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-7-1

<i>Part Number</i>	984000208P10
<i>Designation</i>	S BNR, MMA SENSOR TO SPINE CABLE, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



<i>Ref. To order</i>	984000208P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-7-2

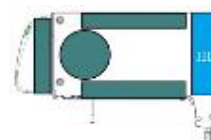
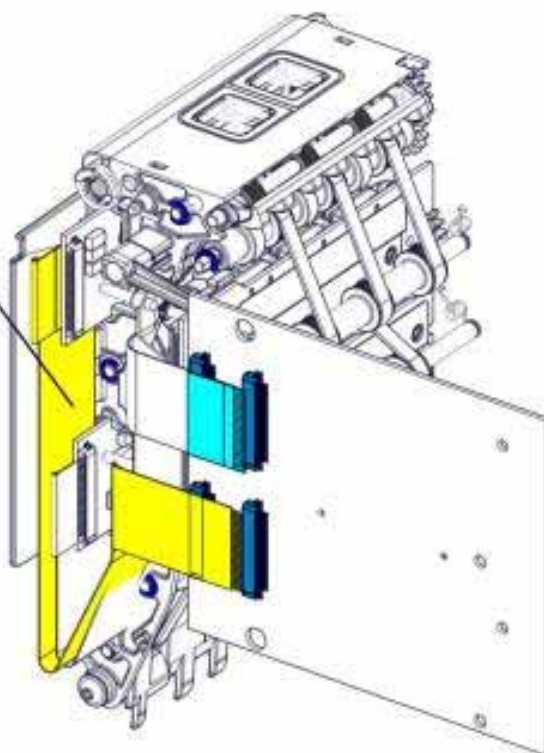
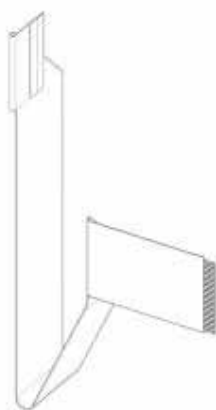


BNR Spare parts Catalogue - Main module

MM

Part Number	666475001P10
Designation	S BNR,HI,UP2,REAR,FFC, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X

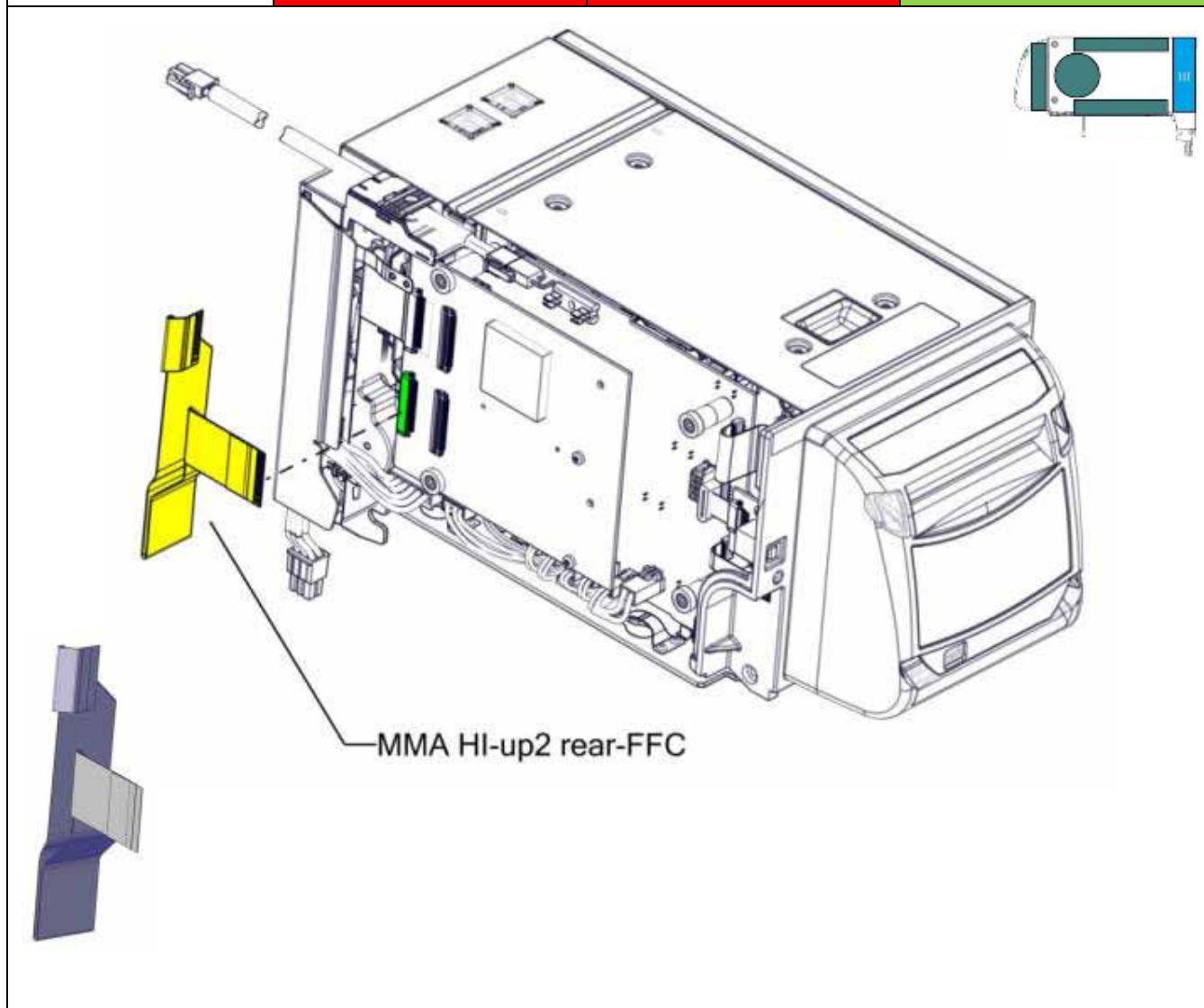


Ref. To order	666475001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-8-1

Part Number	984002207P10
Designation	S BNR,MMA HI UP2 REAR FFC, PK10

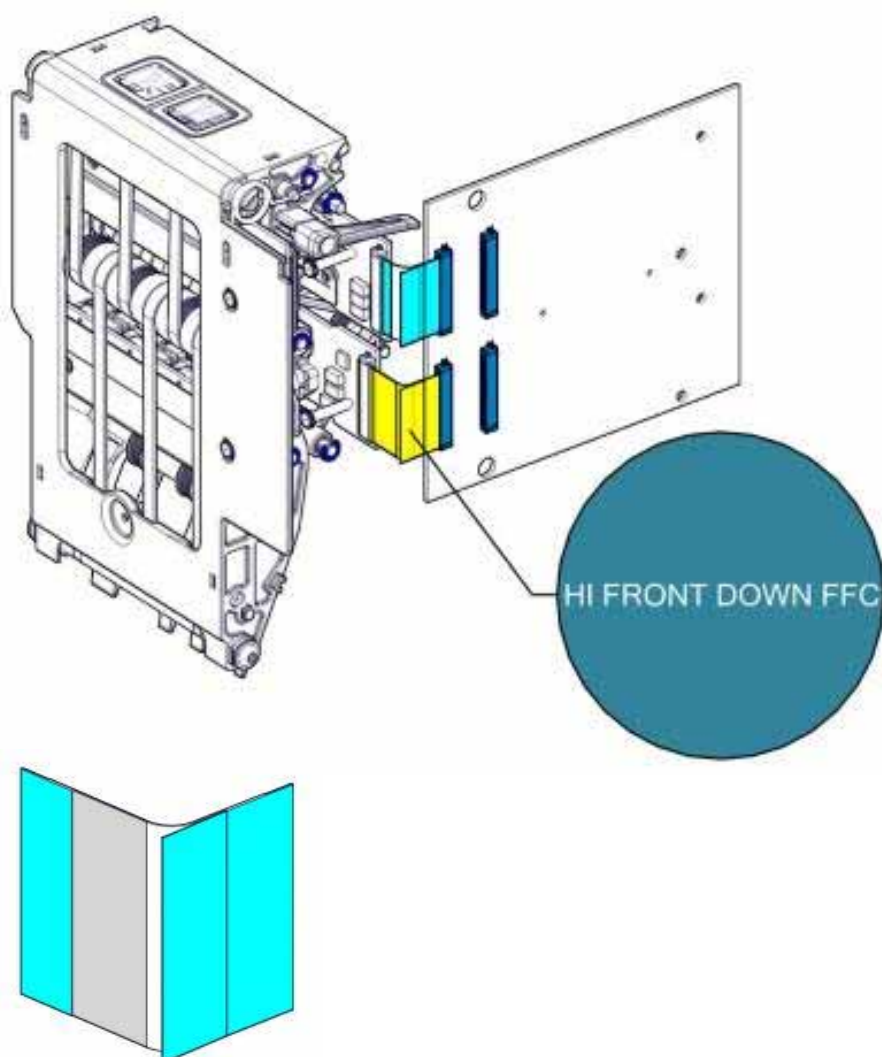
Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



Ref. To order	984002207P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-CL-8-2	

<i>Part Number</i>	666462001P10
<i>Designation</i>	S BNR,HI,FRONT -FRONT-DOWN-FFC, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	666462001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-9-1

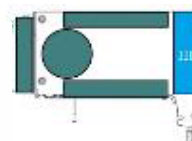
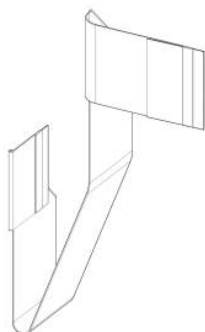


BNR Spare parts Catalogue - Main module

MM

Part Number	666488001P10
Designation	S BNR,HI,DOWN4 REAR,FFC, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X



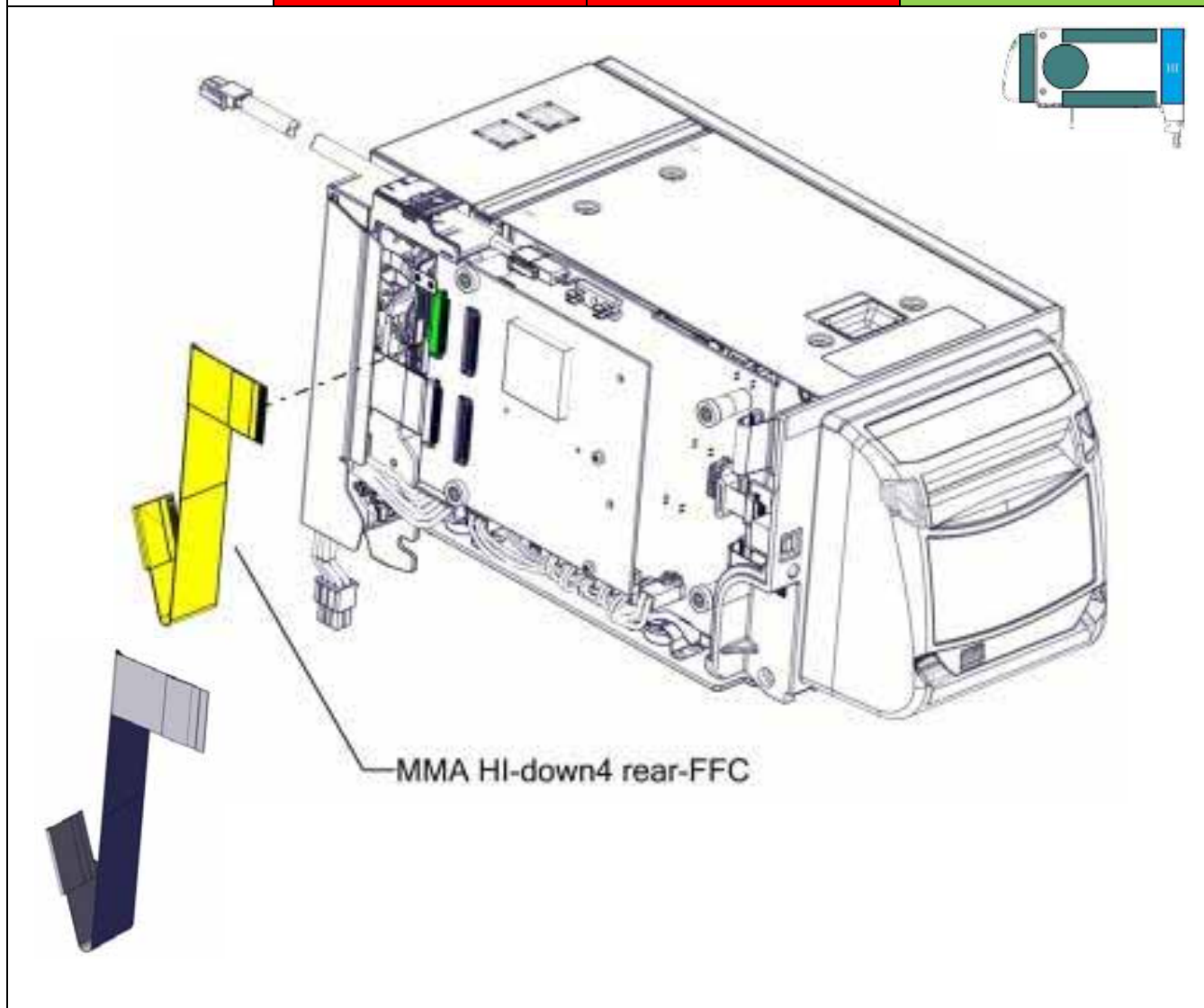
Ref. To order	666488001P10
Packaging	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-CL-10-1

<i>Part Number</i>	984004206P10
<i>Designation</i>	S BNR,MMA HI DOWN4 REAR FFC, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓

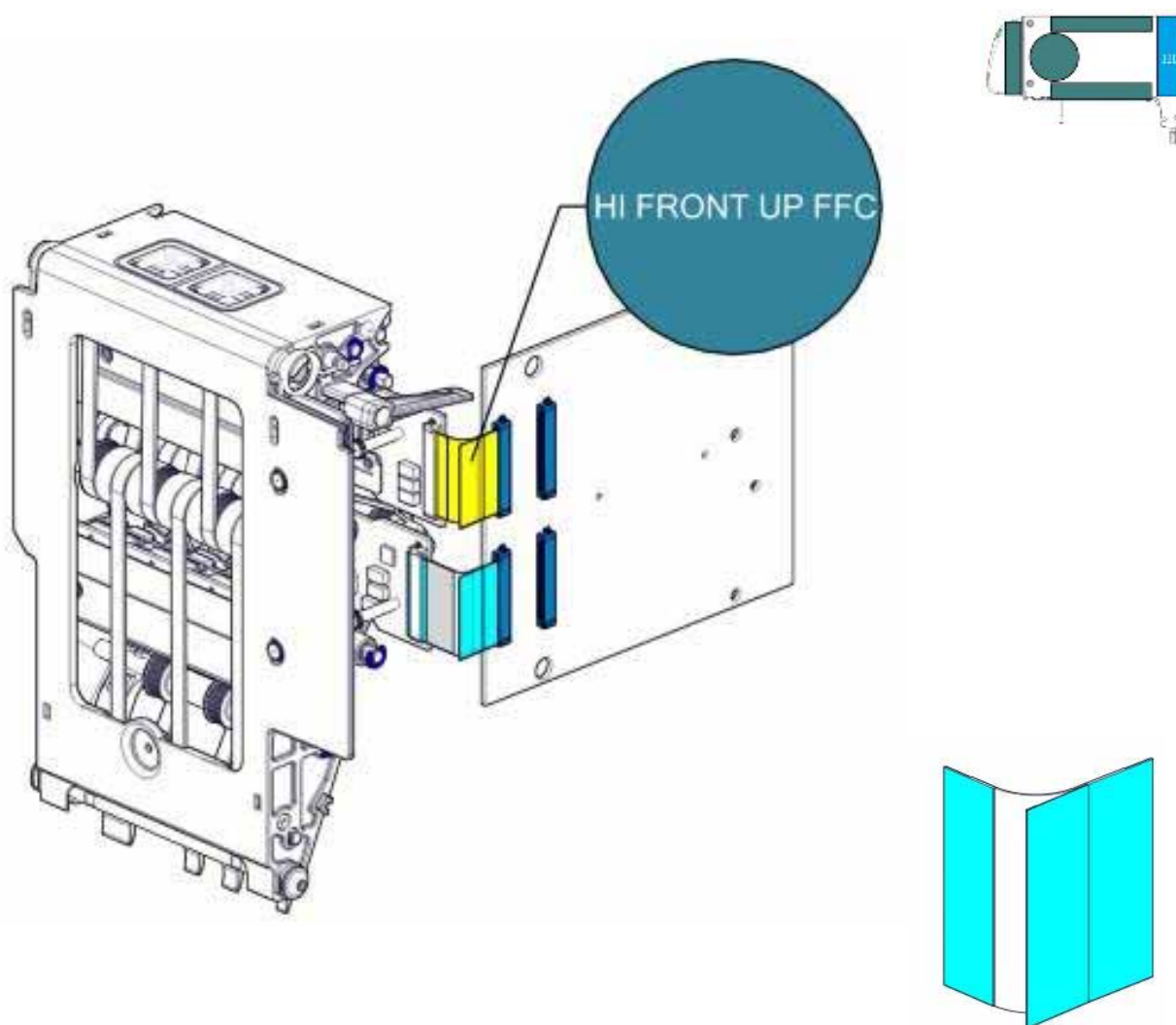


<i>Ref. To order</i>	984004206P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-CL-10-2

<i>Part Number</i>	666459001P10
<i>Designation</i>	S BNR HI,FRONT,UP,FFC, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



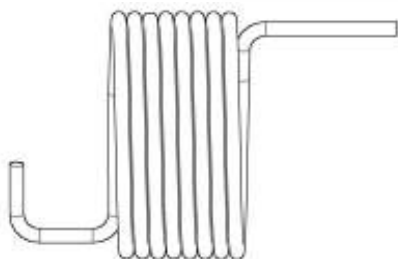
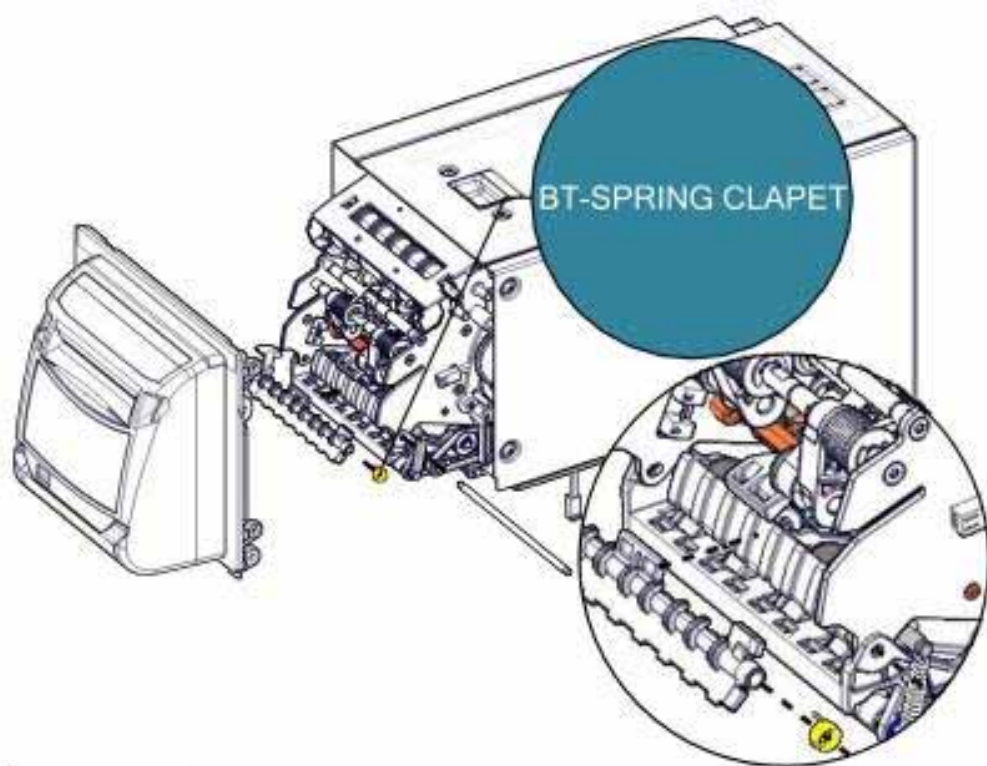
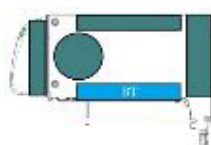
<i>Ref. To order</i>	666459001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-CL-11-1

<i>Part Number</i>	663150001P10
<i>Designation</i>	S BNR, BT-SPRING CLAPET, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



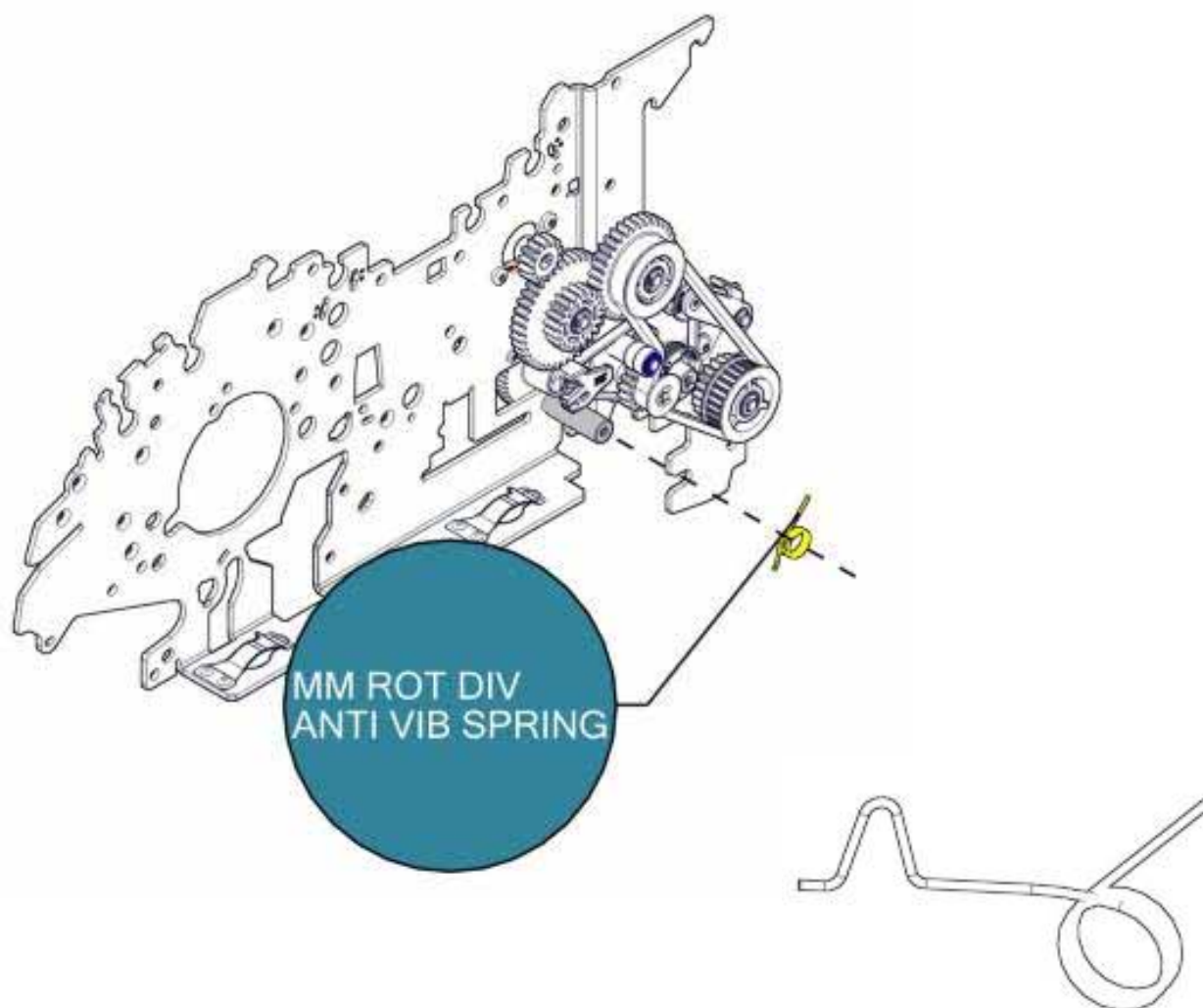
<i>Ref. To order</i>	663150001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SR-1-1

<i>Part Number</i>	954684001P10
<i>Designation</i>	S BNR, MM-ROT-DIV-ANTI VIB SPRING, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

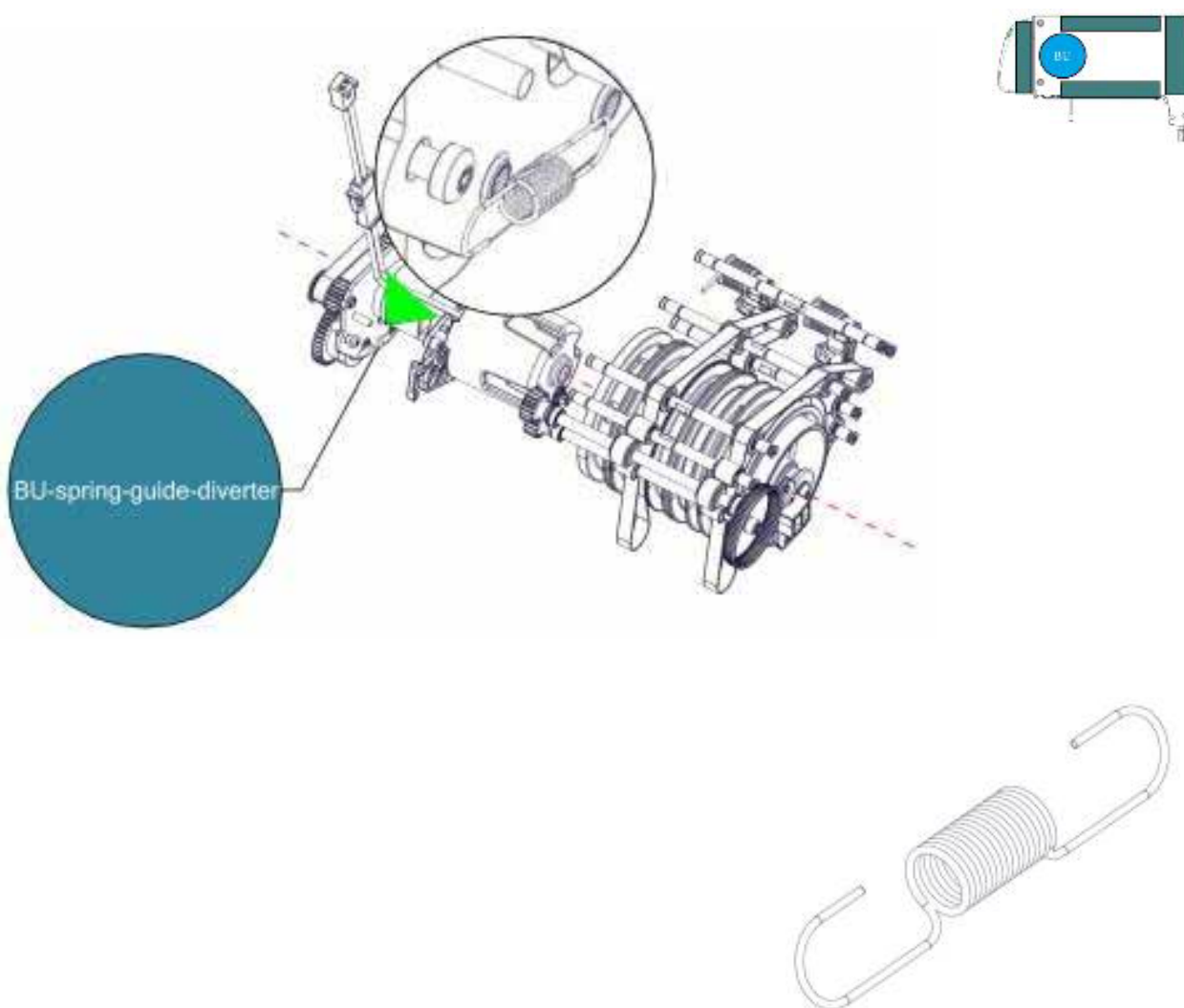


<i>Ref. To order</i>	954684001P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-SR-2-1

<i>Part Number</i>	665034001P50
<i>Designation</i>	S BNR, BU DIVERTER SPRING, PK50

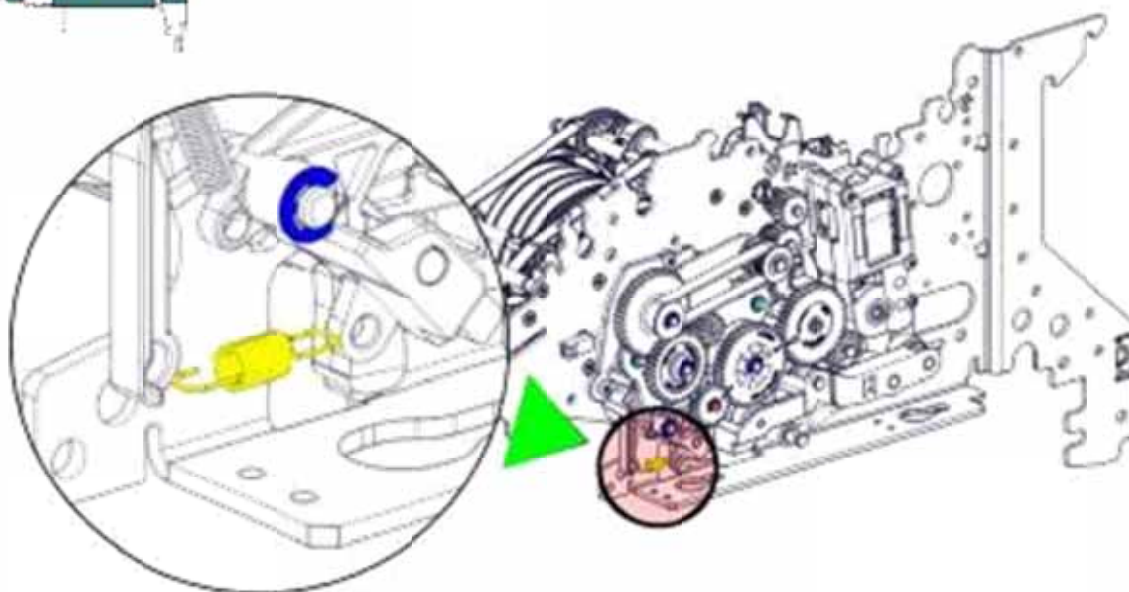
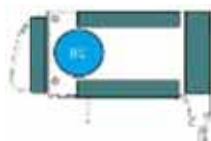
Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>pRef. To order</i>	665034001P50
<i>Packaging</i>	x 50 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-SR-3-1	

<i>Part Number</i>	663061001P50
<i>Designation</i>	S BNR, BU LEVER SHAFT STOPPER SPRING, PK50

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	X	X



<i>Ref. To order</i>	663061001P50
<i>Packaging</i>	x 50 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SR-4-1

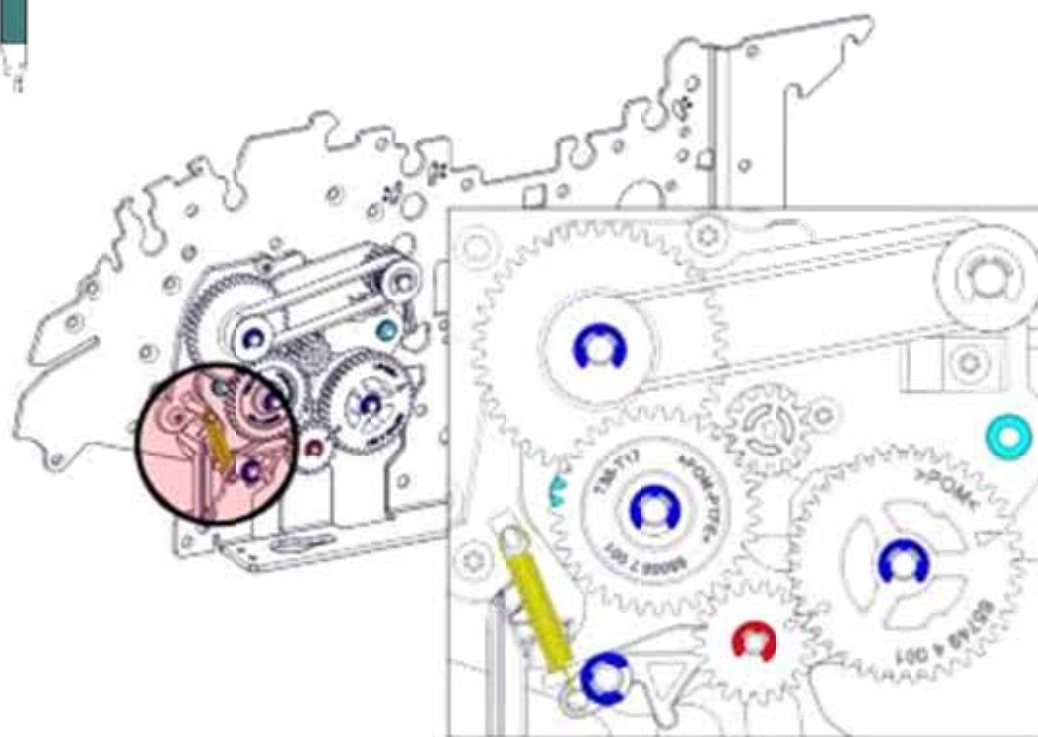
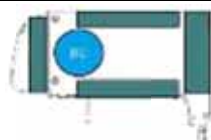


BNR Spare parts Catalogue - Main module

MM

<i>Part Number</i>	663045001P50
<i>Designation</i>	S BNR, BU LEVER DRIVING SPRING, PK50

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	X	X



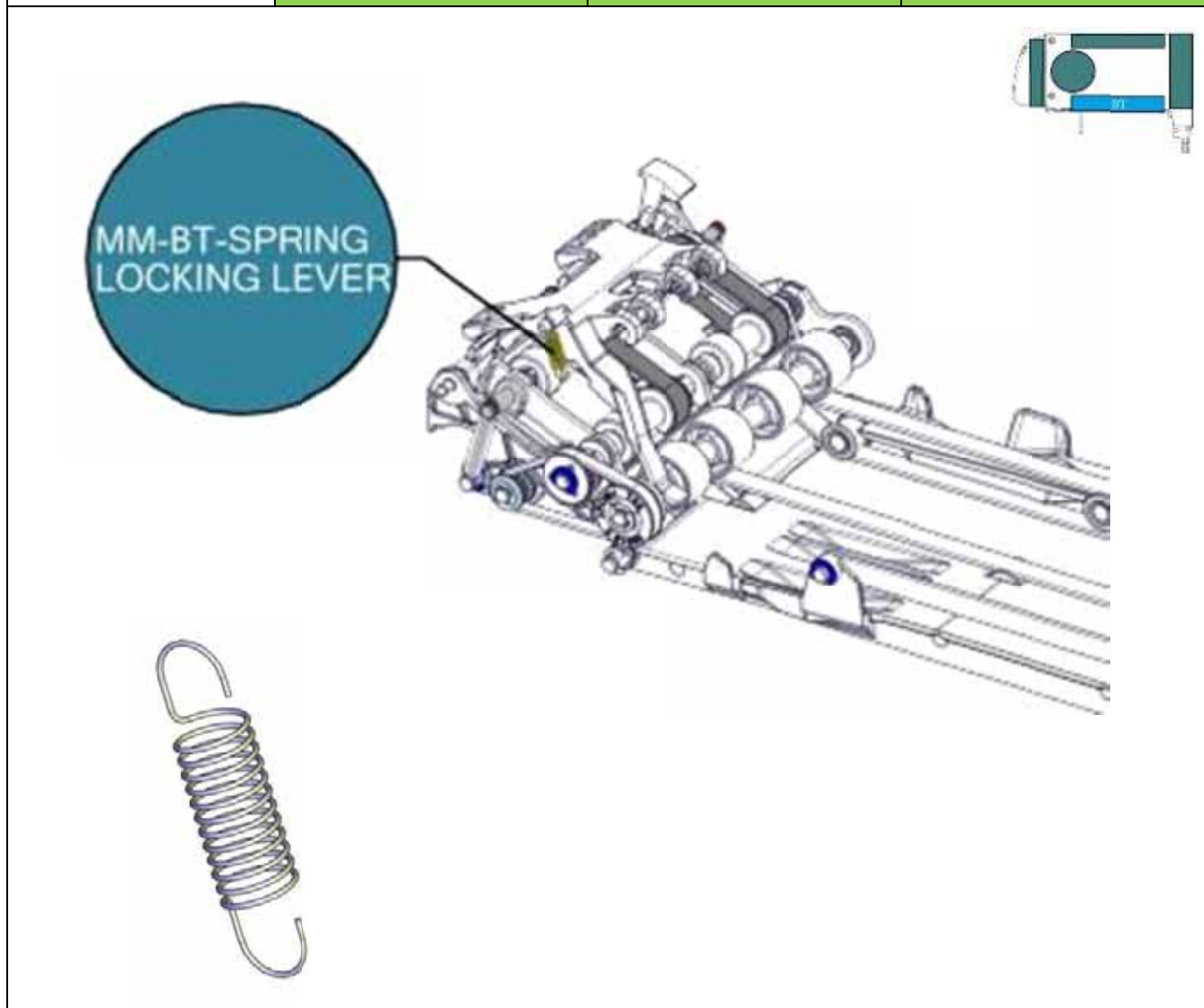
<i>Ref. To order</i>	663045001P50
<i>Packaging</i>	x 50 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SR-5-1

<i>Part Number</i>	671350001P50
<i>Designation</i>	S BNR, MM-BT-SPRING LOCKING LEVER, PK50

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



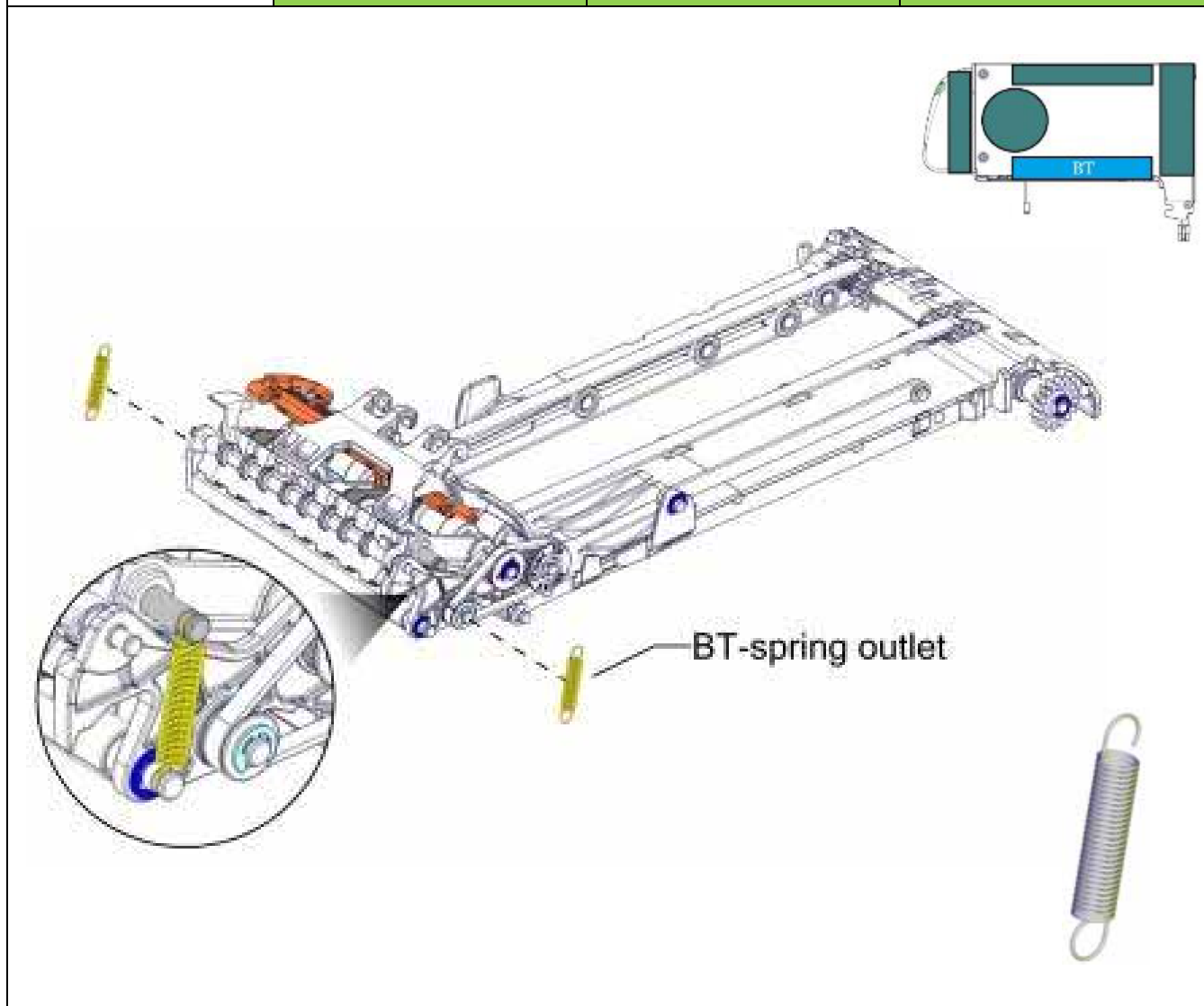
<i>Ref. To order</i>	671350001P50
<i>Packaging</i>	x 50 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-SR-6-1

<i>Part Number</i>	650175001P20
<i>Designation</i>	S BNR, BT-spring outlet, PK20

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



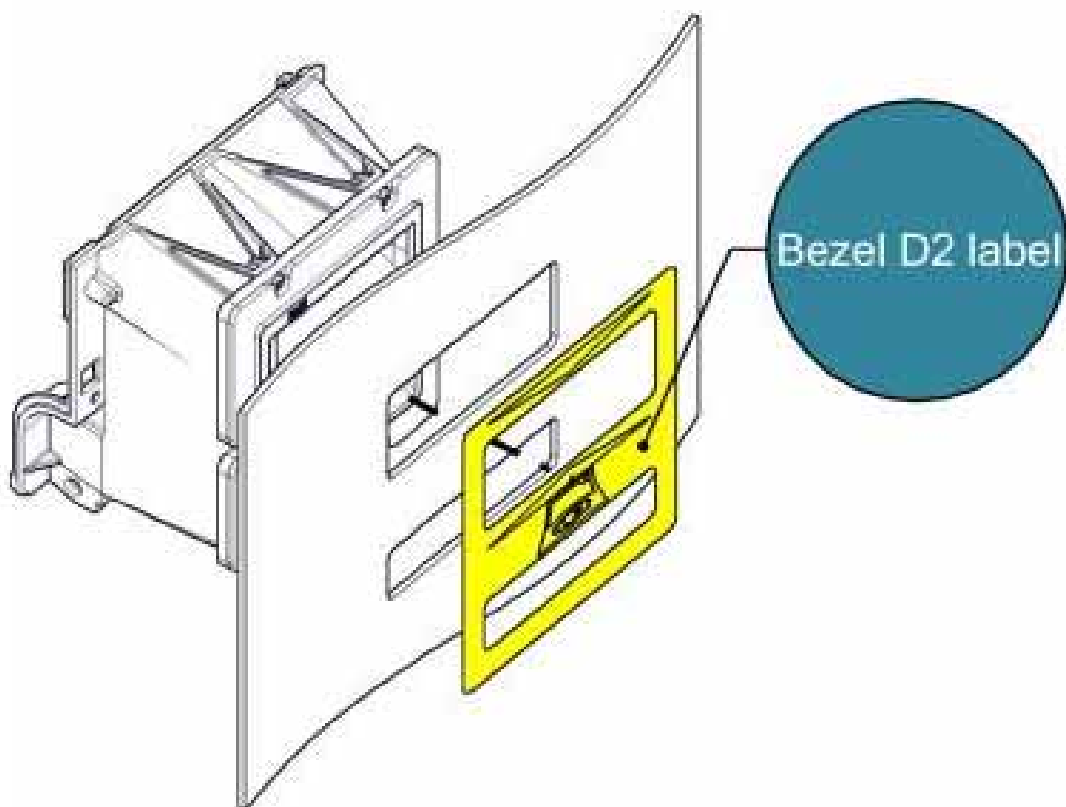
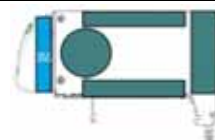
<i>Ref. To order</i>	650175001P20
<i>Packaging</i>	x 20 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-SR-7-1	

Part Number

954448001P10

Designation

S BNR, BZ-BEZEL D2 LABEL, PK10



Ref. To order

954448001P10

Packaging

x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

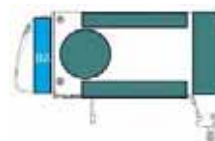
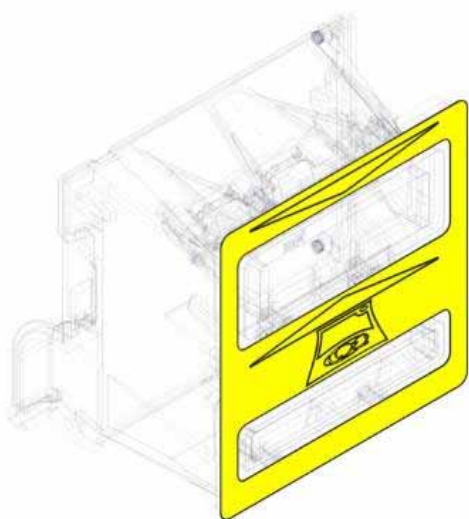
MM-LB-1-1

Part Number

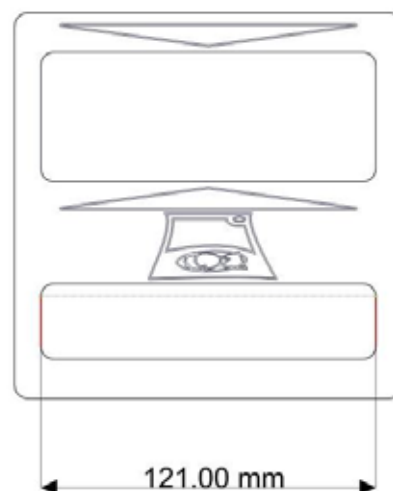
952975001P10

Designation

S BNR, BZ-BEZEL D1 LABEL, PK10



Width bottom slot: 121 mm



Ref. To order

952975001P10

Packaging

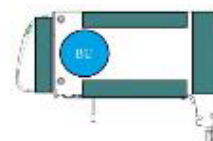
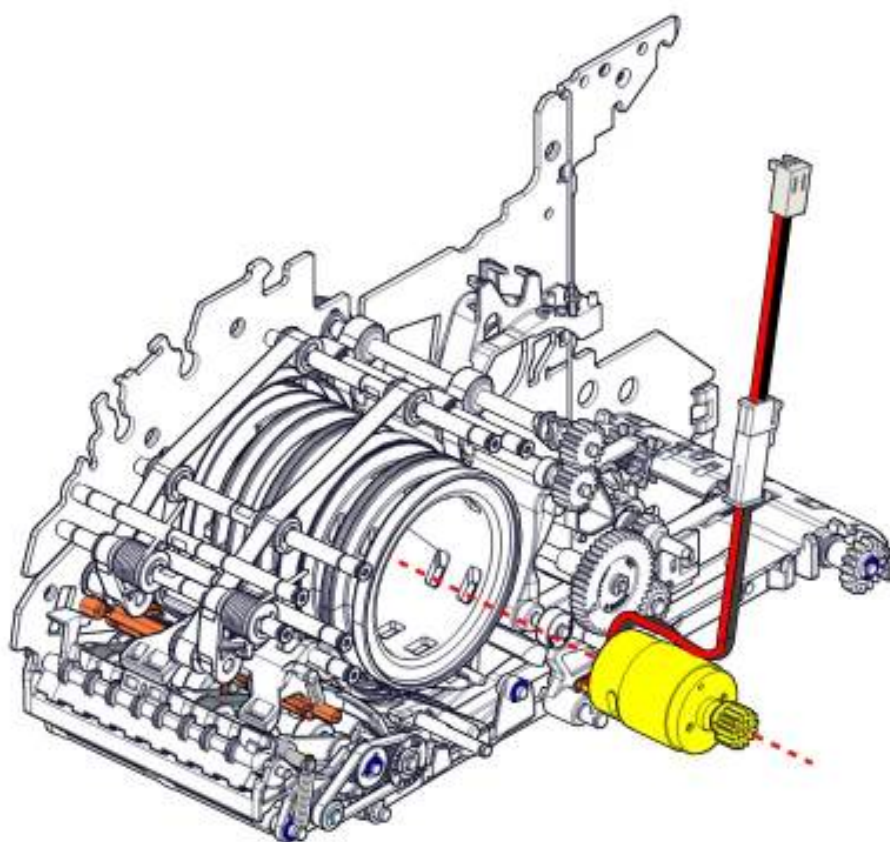
x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-LB-2-1

<i>Part Number</i>	665521001P1
<i>Designation</i>	S BNR, BU-pinion motor assy, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

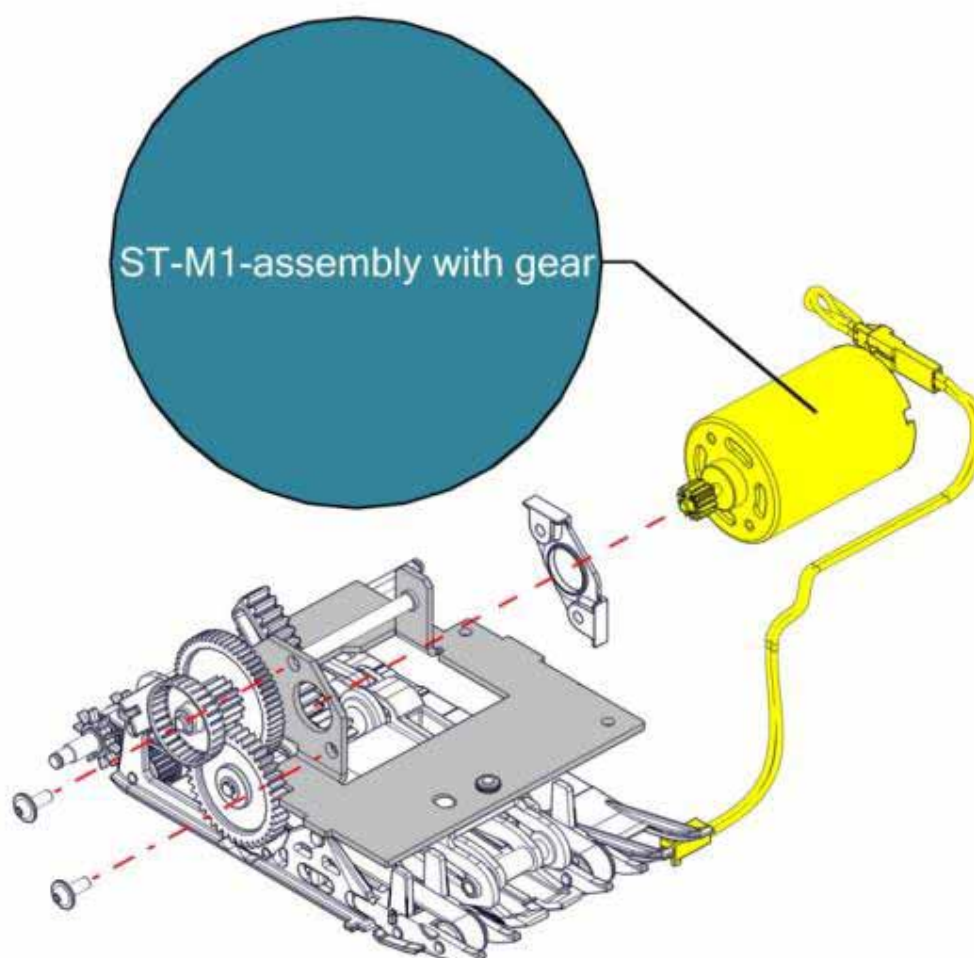


<i>Ref. To order</i>	665521001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-MT-1-1

<i>Part Number</i>	668320001P1
<i>Designation</i>	S BNR, ST-M1 ASSY W/ GEAR, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

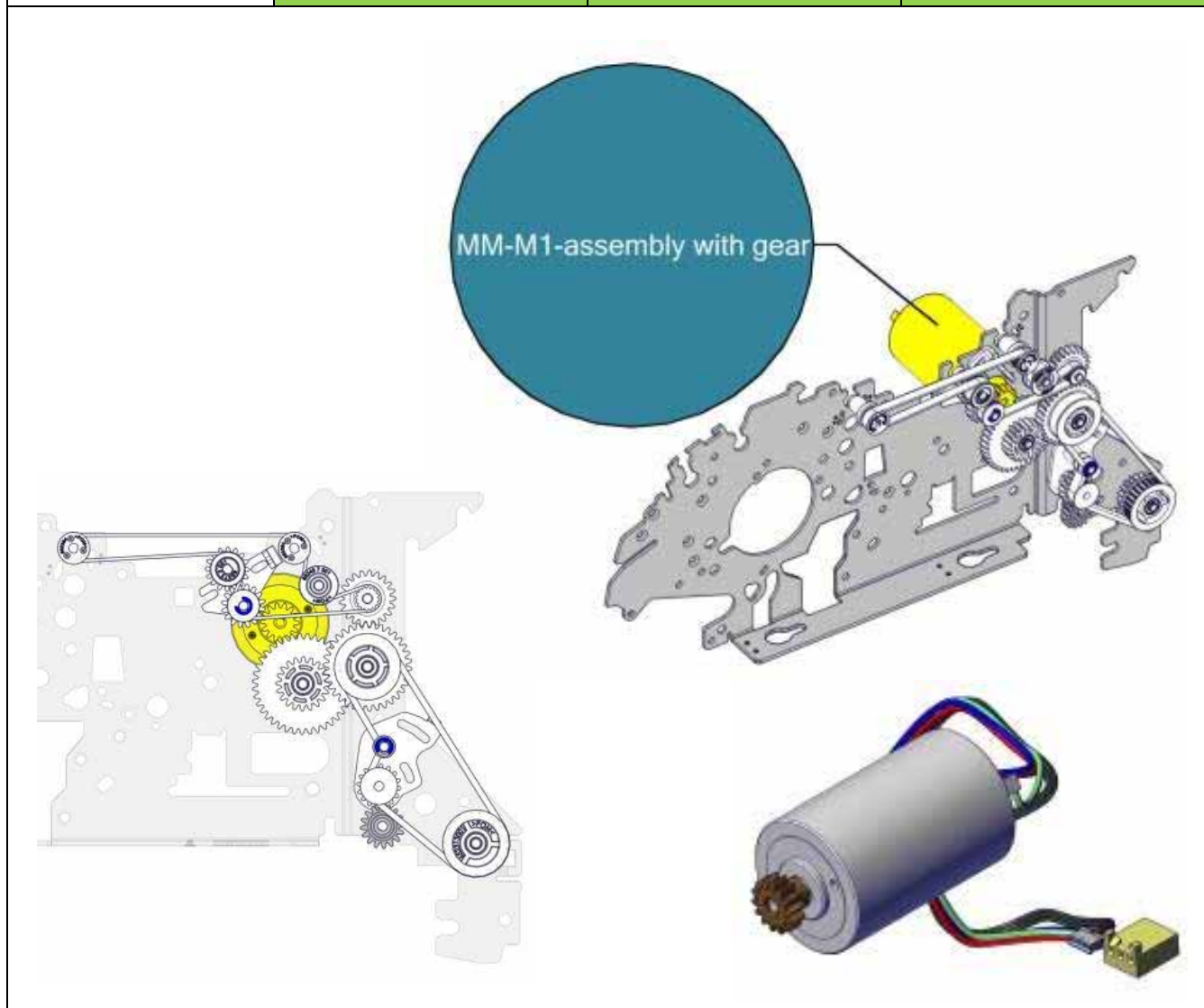


<i>Ref. To order</i>	668320001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-MT-3-1

<i>Part Number</i>	668448001P1
<i>Designation</i>	S BNR, MM-M1 ASSY W/ GEAR, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓

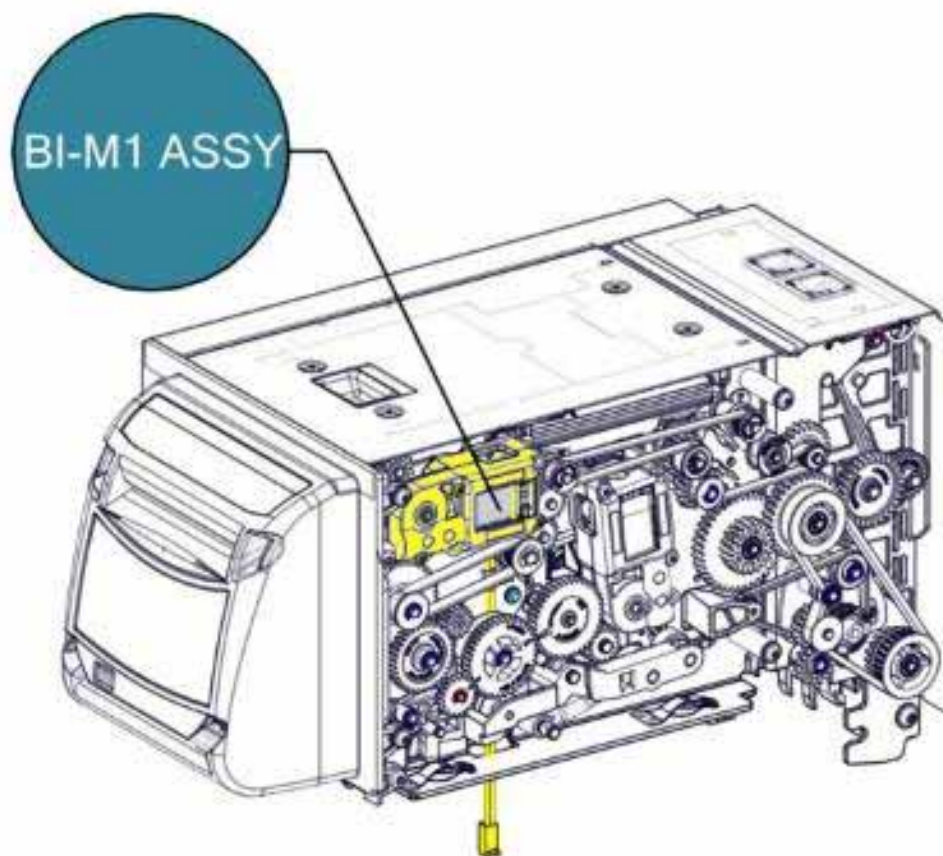


<i>Ref. To order</i>	668448001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-MT-4-1

<i>Part Number</i>	668451001P1
<i>Designation</i>	S BNR, BI-M1 ASSY, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

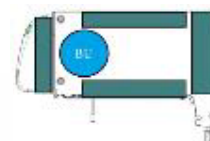
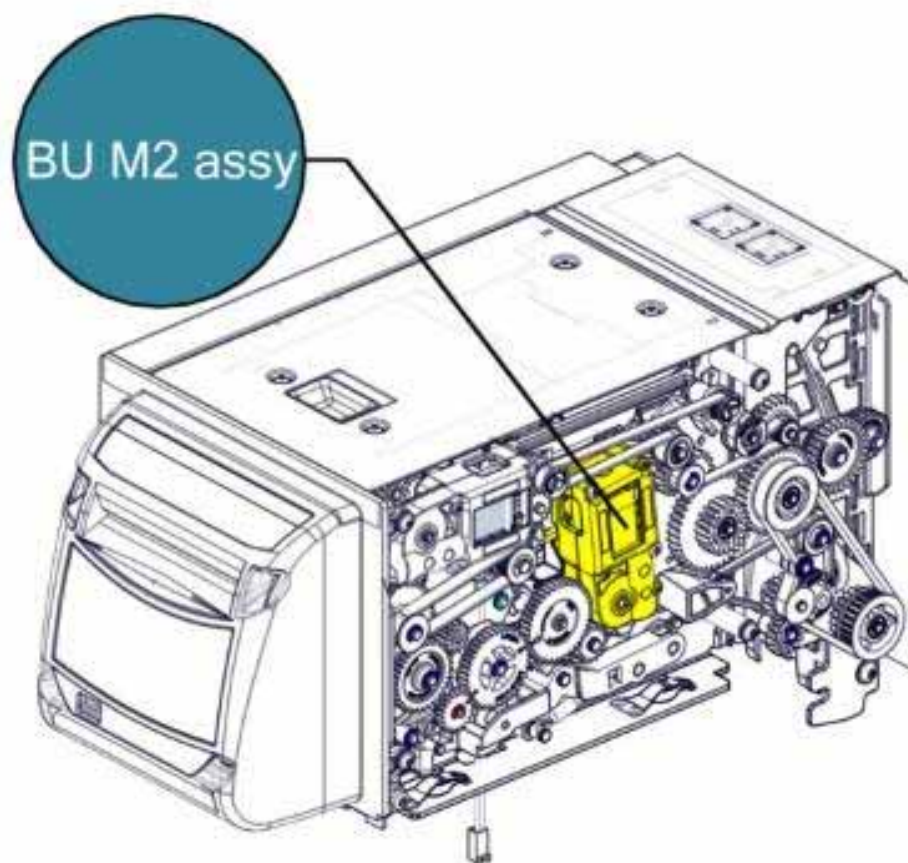


<i>Ref. To order</i>	668451001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-MT-5-1

<i>Part Number</i>	670731001P1
<i>Designation</i>	S BNR, BU-M2 ASSY, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓

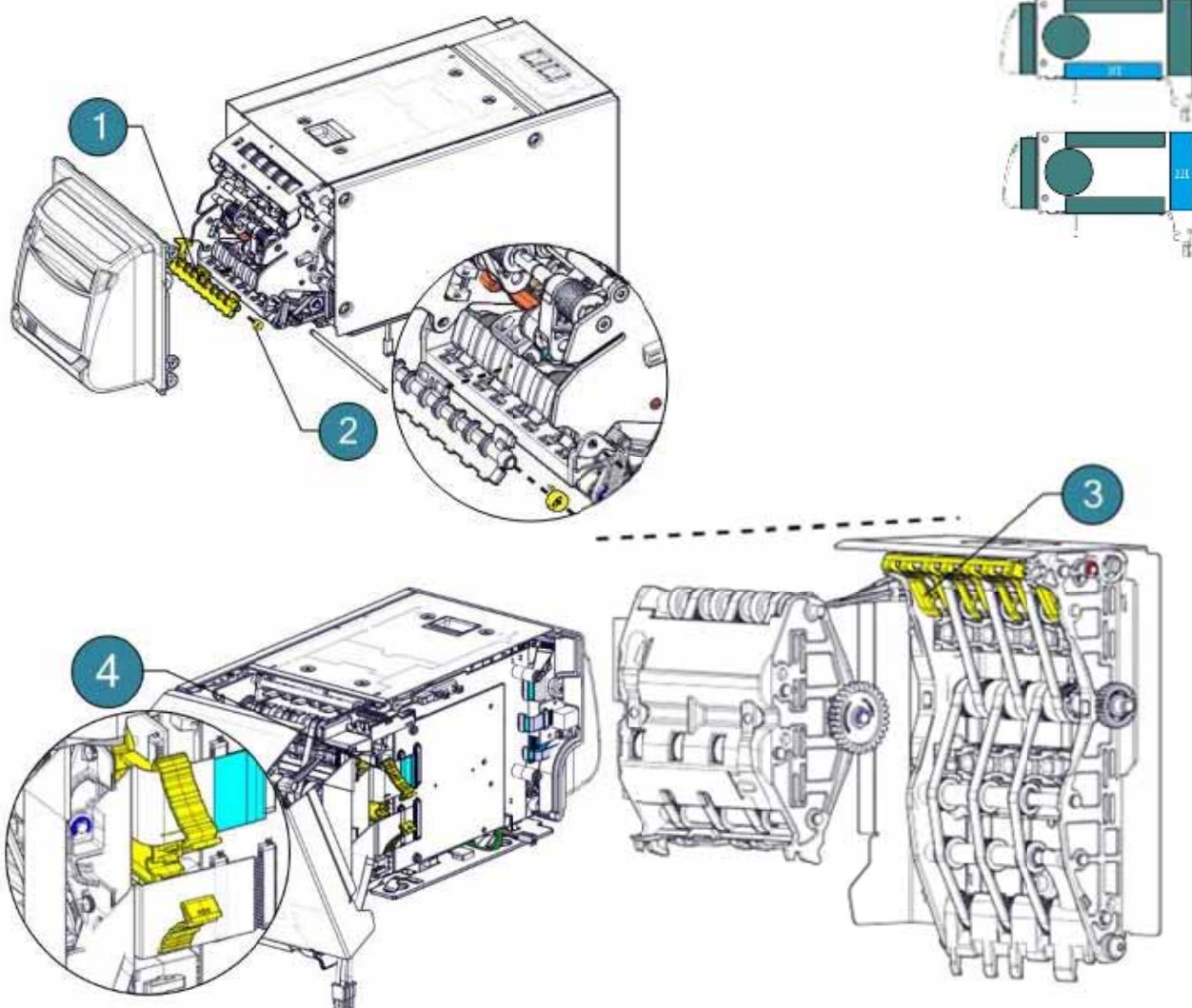


<i>Ref. To order</i>	670731001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-MT-6-1

<i>Part Number</i>	970306001P1
<i>Designation</i>	S BNR, MM Rev 12 to 13 Upgrade Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	970306001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-3-1	

Part Number

970306001P1

Designation

S BNR, MM Rev 12 to 13 Upgrade Kit, PK1

List of components

Item	PN	Designation	QTY	Add. remark
1	650222001	BT-outlet flap	1	Available separately
2	663150001	BT-spring clasp	1	Available separately
3	676020001	HI-roller guide	1	Available separately
4	970644001	HI-Cable holder	1	Available separately



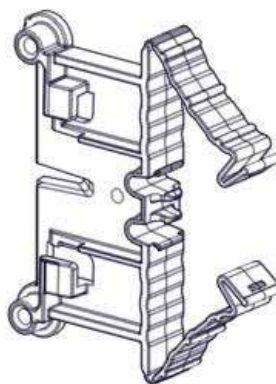
1



2



3



4

Ref. To order

970306001P1

Packaging

x 1 piece

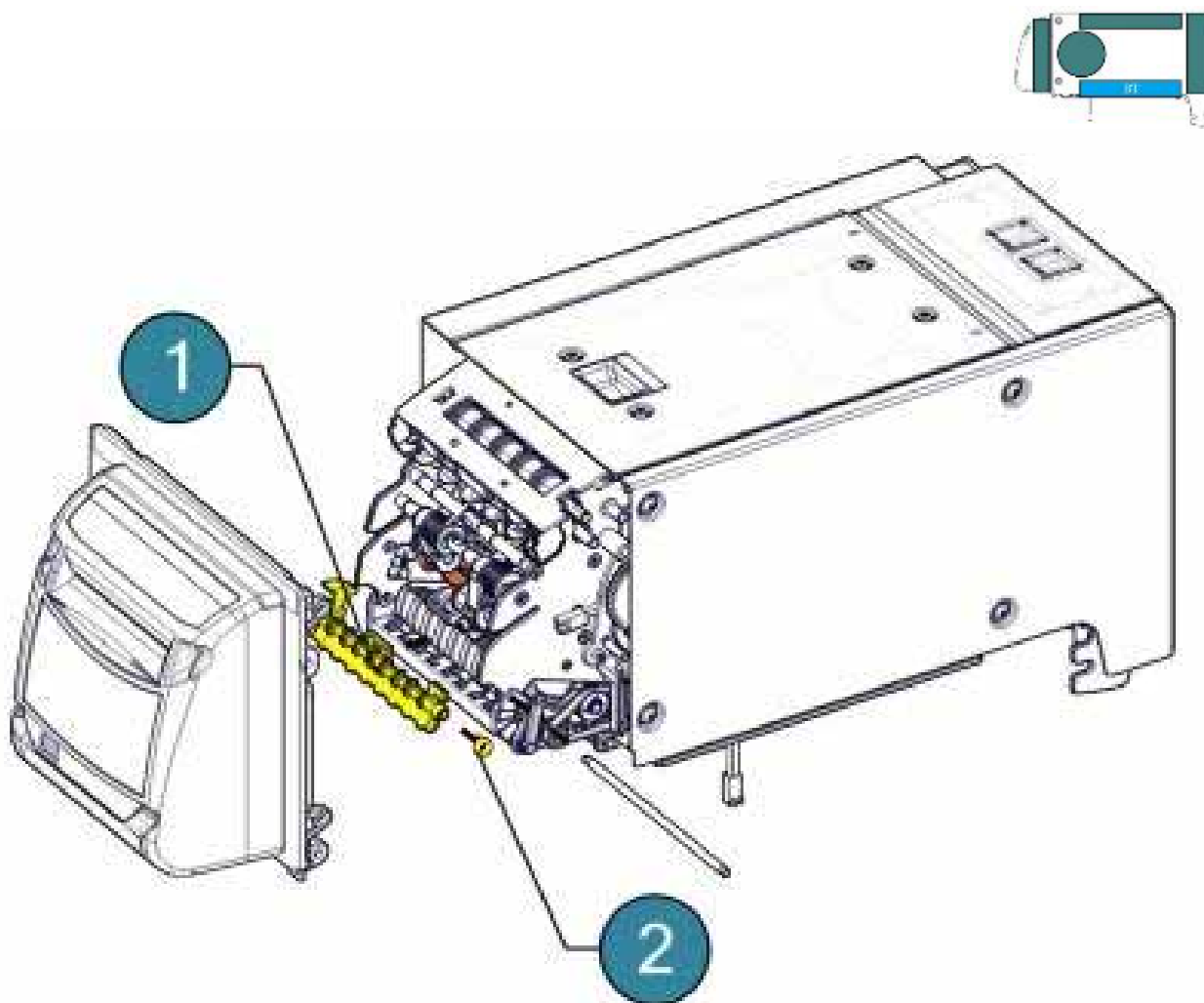
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-3-2

<i>Part Number</i>	955410001P10
<i>Designation</i>	S BNR,OUTLET FLAP W/SPRING, kit 10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	955410001P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-4-1

Part Number

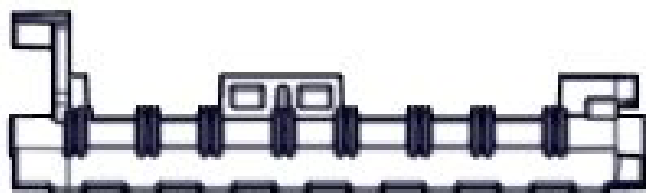
955410001P10

Designation

S BNR,OUTLET FLAP W/SPRING, kit 10

List of components

Item	PN	Designation	QTY	Add. Remark
1	650222001	BT-outlet flap	10	Available separately
2	663150001	BT-spring clapet	10	Available separately



1



2

Ref. To order

955410001P10

Packaging

x 10 pieces

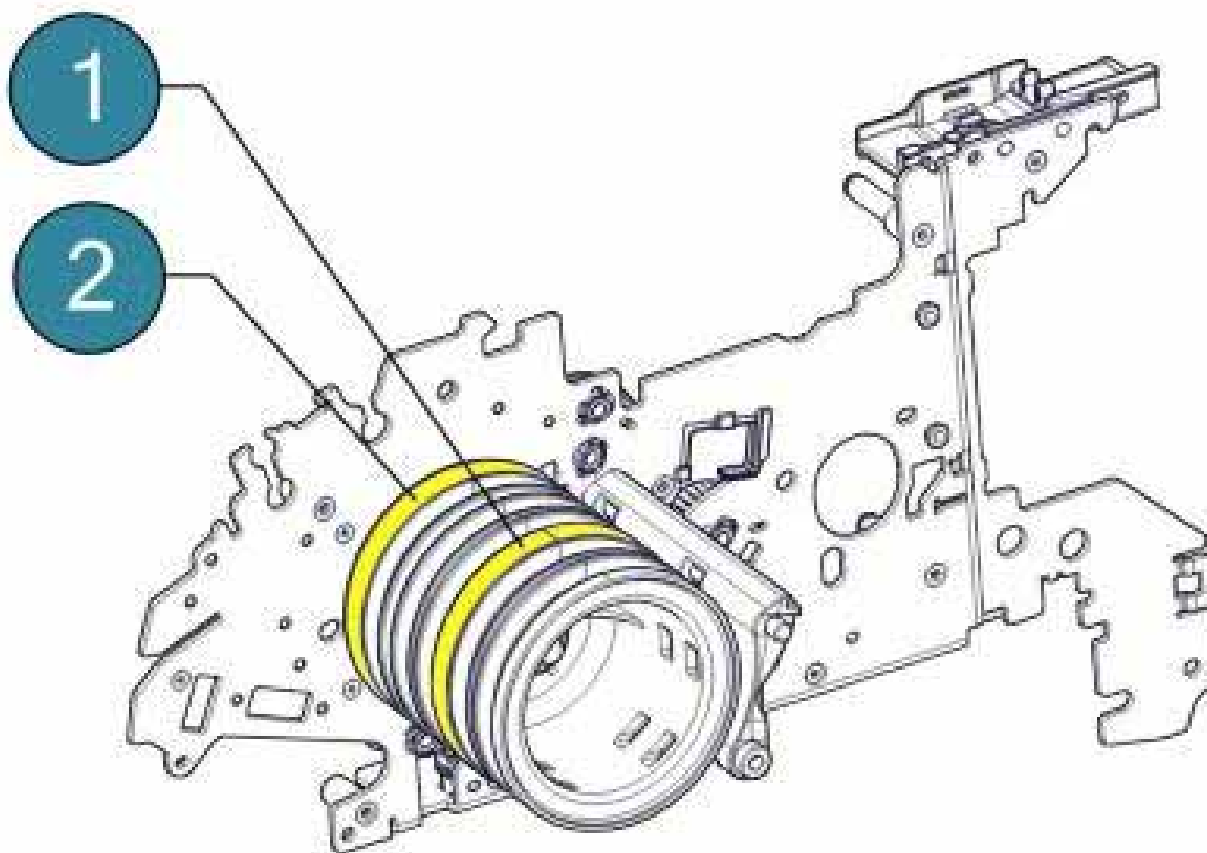
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-4-2

Part Number	981538001P10
Designation	S BNR, BU-tyre EPDM KIT, PK10

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	X



Ref. To order	981538001P10
Packaging	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-5-1



BNR Spare parts Catalogue - Main module

MM

Part Number

981538001P10

Designation

S BNR, BU-tyre EPDM KIT, PK10

List of components

Item	PN	Designation	QTY	Add. Remark
1	950533001	BU-right tyre bundler EPDM	10	Light gray / Not available separately
2	950520001	BU-left tyre bundler EPDM	10	Dark gray / Not available separately



1



2

Ref. To order

981538001P10

Packaging

x 10 pieces

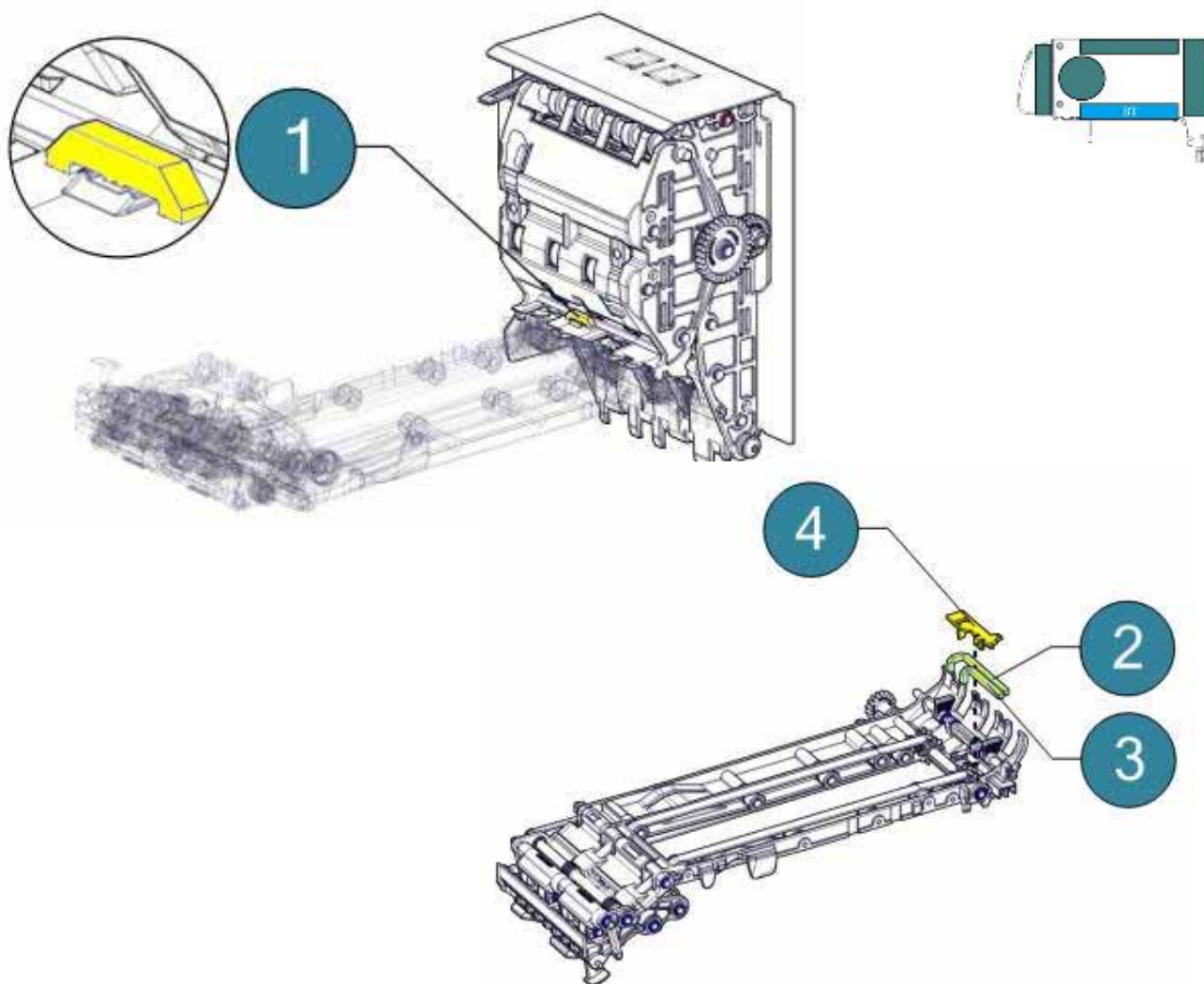
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-5-2

Part Number	981347001P1
Designation	S BNR, BT S1 Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X



Ref. To order	981347001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-6-1	

Part Number

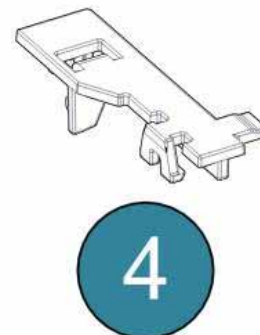
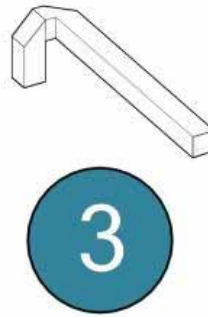
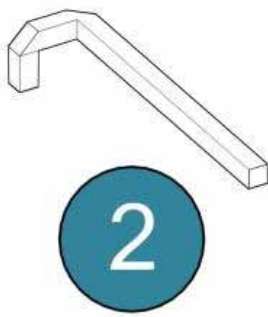
981347001P1

Designation

S BNR, BT S1 Kit, PK1

List of components

Item	PN	Designation	QTY	Add. Remark
1	656139001	HI-bt light prism	1	Not available separately
2	662293001	MM-bt light pipe 2	1	Not available separately
3	662280001	MM-bt light pipe 1	1	Not available separately
4	663163001	BT-holder light pipes	1	Not available separately



Ref. To order

981347001P1

Packaging

x 1 piece

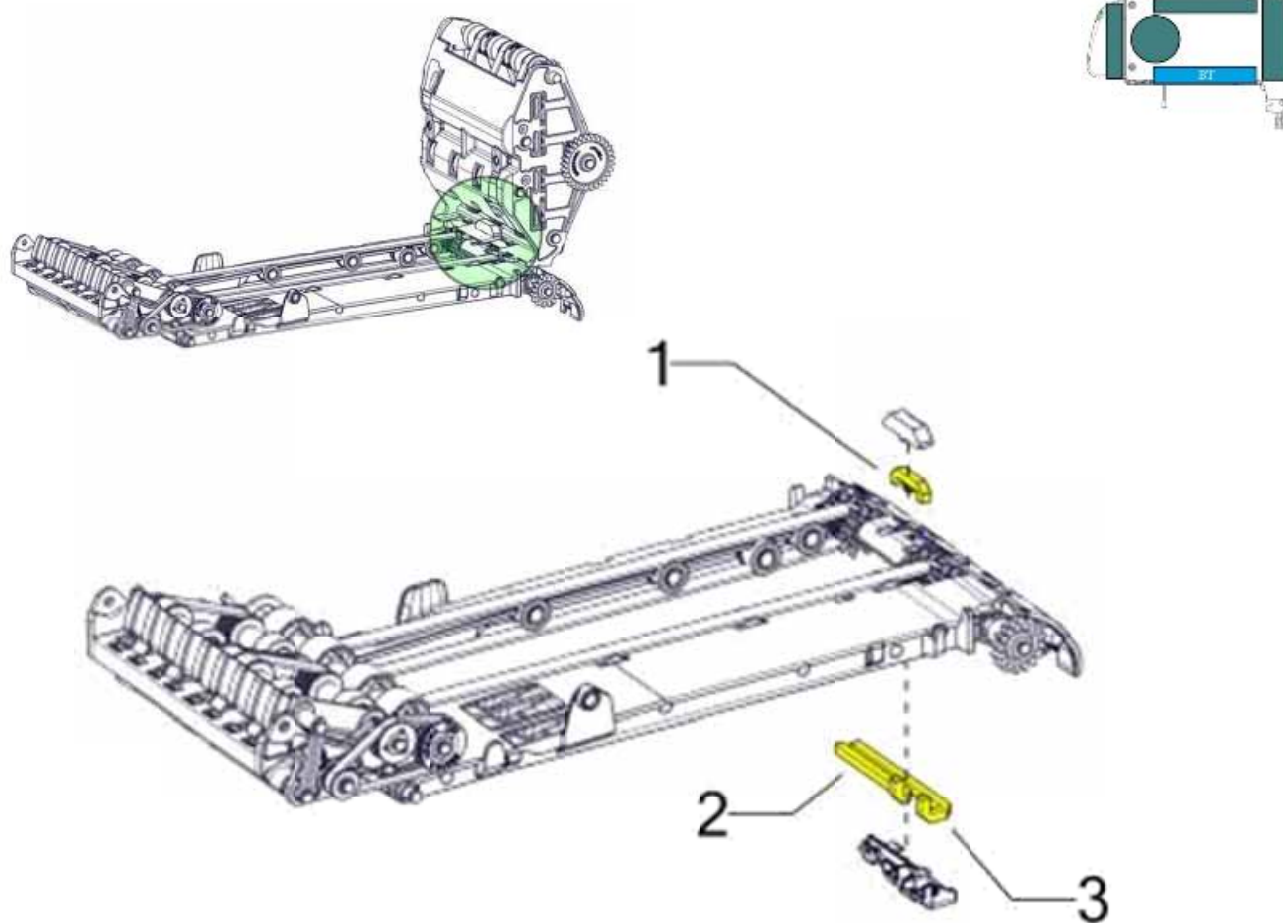
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-6-2

<i>Part Number</i>	984002425P10
<i>Designation</i>	S BNR, MMA-Light pipe BT.S1 kit, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



<i>Ref. To order</i>	984002425P10
<i>Packaging</i>	x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-6-3

Part Number

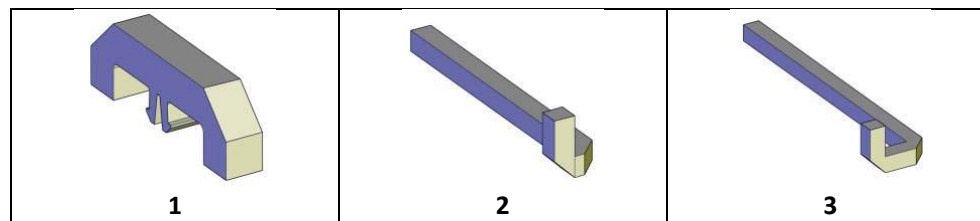
984002425P10

Designation

S BNR, MMA-Light pipe BT.S1 kit, PK10

List of components

Item	PN	Designation	QTY	Add. remark
1	656139001	HI-bt light prism	10	Not available separately
2	984004125	MM-bt light pipe 1_Mk2	10	Not available separately
3	984006124	MM-bt light pipe 2_Mk2	10	Not available separately



Ref. To order

984002425P10

Packaging

x 10 pieces

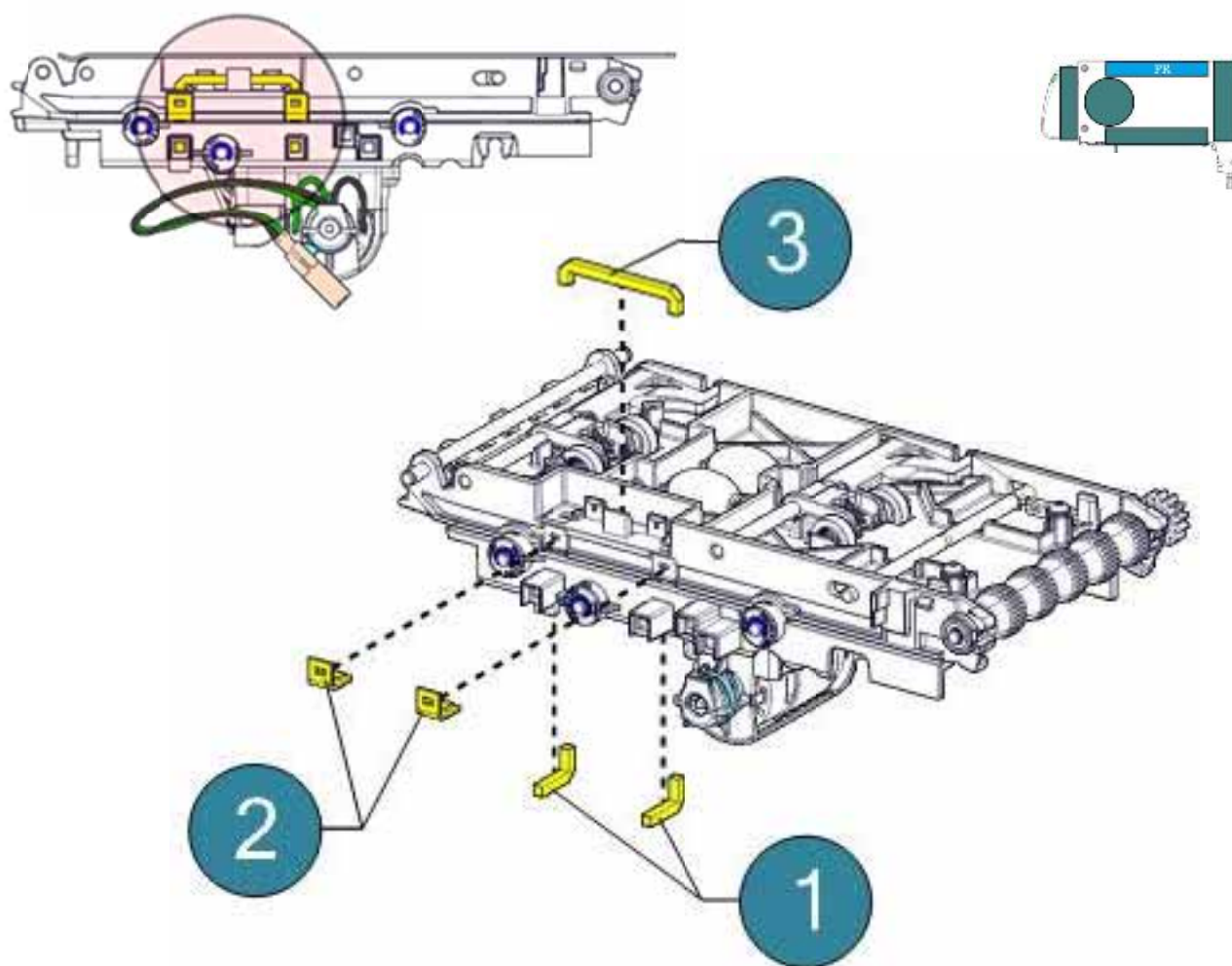
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-6-4

Part Number	981350001P1
Designation	S BNR, PR S1 KIT, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X



Ref. To order	981350001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-7-1

Part Number

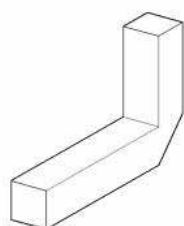
981350001P1

Designation

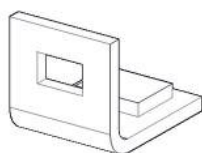
S BNR, PR S1 KIT, PK1

List of components

Item	PN	Designation	QTY	Add. Remark
1	652693001	PR-light pipe PR.S1	2	Not available separately
2	652708001	PR-window PR.S1	2	Not available separately
3	652795001	PR-prism-PR.S1	1	Not available separately



1



2



3

Ref. To order

981350001P1

Packaging

x 1 piece

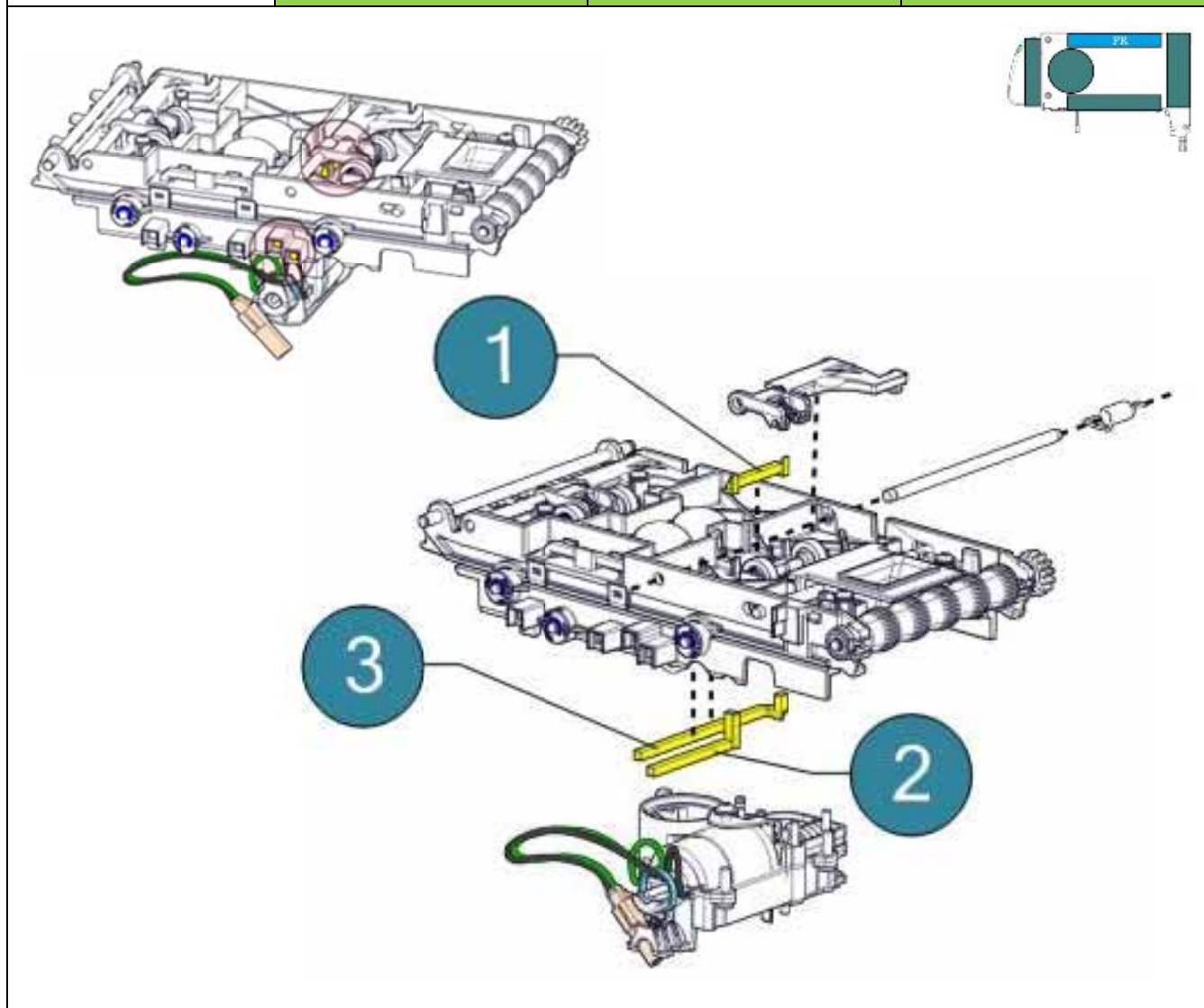
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-7-2

<i>Part Number</i>	981363001P1
<i>Designation</i>	S BNR, BI S4 KIT, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	981363001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-8-1

Part Number

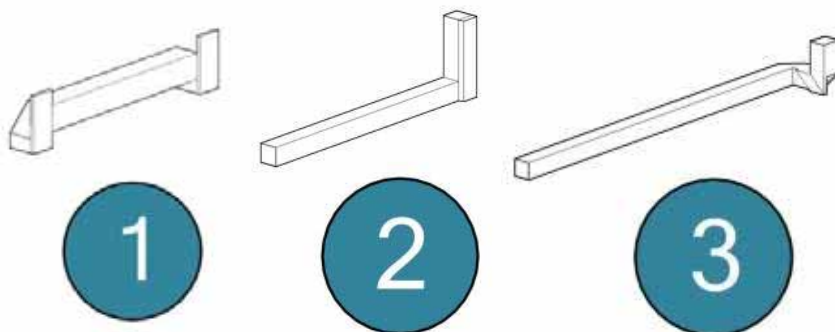
981363001P1

Designation

S BNR, BI S4 KIT, PK1

List of components

Item	PN	Designation	QTY	Add. Remark
1	652680001	BI-prism-BI.S4	1	Not Available separately
2	649058001	BI-light pipe BI.S4 short	1	Not Available separately
3	649061001	BI-light pipe BI.S4-long	1	Not Available separately



Ref. To order

981363001P1

Packaging

x 1 piece

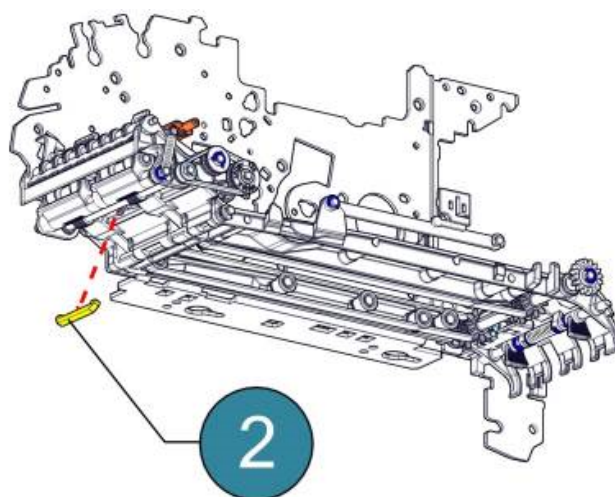
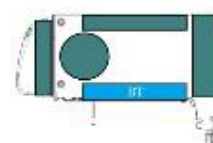
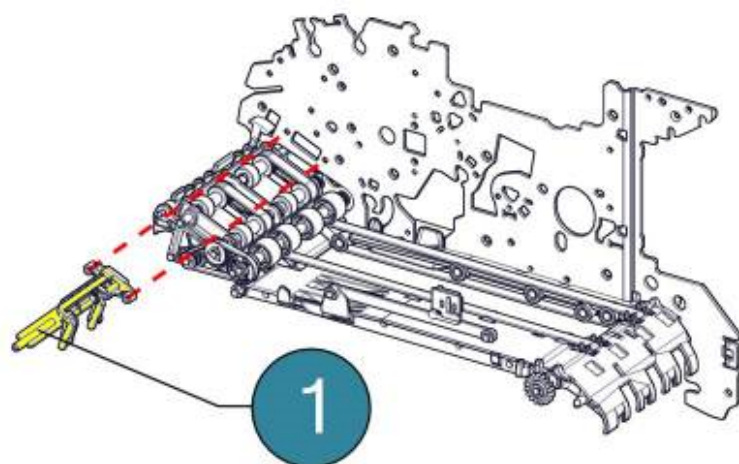
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-8-2

<i>Part Number</i>	981376001P1
<i>Designation</i>	S BNR, BT S2 KIT, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	981376001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-9-1	

Part Number

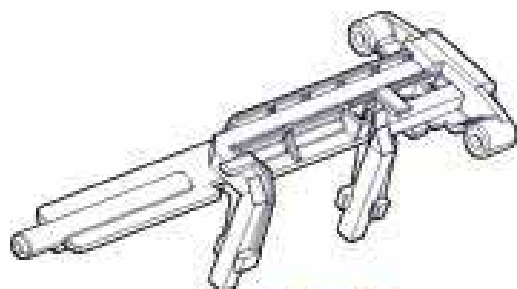
981376001P1

Designation

S BNR, BT S2 KIT, PK1

List of components

Item	PN	Designation	QTY	Add. Remark
1	662471001	BT-detection assy	1	Not available separately
2	652753001	BT-Prism	1	Not available separately



1



2

Ref. To order

981376001P1

Packaging

x 1 piece

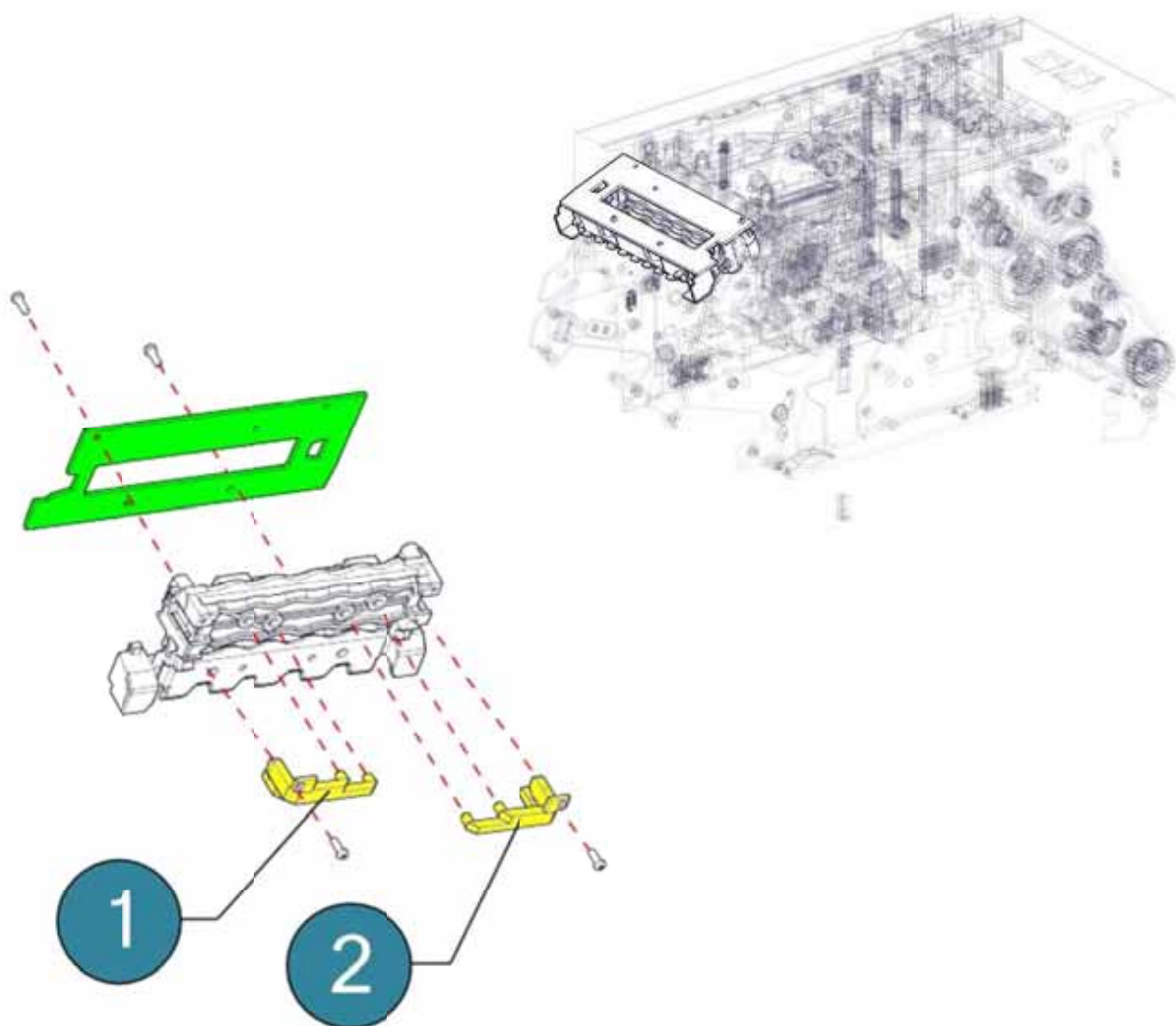
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-9-2

<i>Part Number</i>	981389001P1
<i>Designation</i>	S BNR, BI INLET OPTICS KIT, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	981389001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-10-1



BNR Spare parts Catalogue - Main module

MM

Part Number

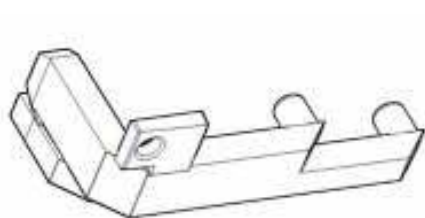
981389001P1

Designation

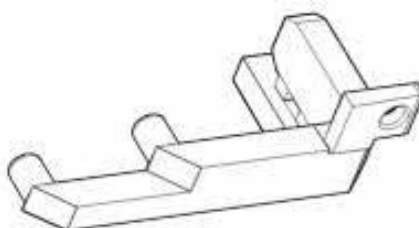
S BNR, BI INLET OPTICS KIT, PK1

List of components

Item	PN	Designation	QTY	Add. Remark
1	649223001	BI-optics guide right	1	Not available separately
2	649605001	BI-optics guide left	1	Not available separately



1



2

Ref. To order

981389001P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

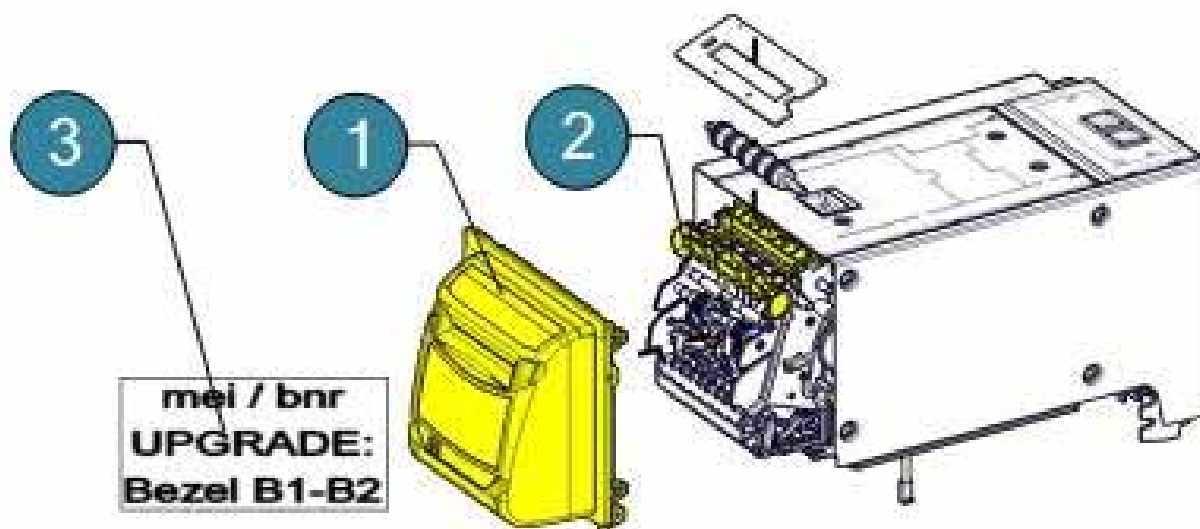
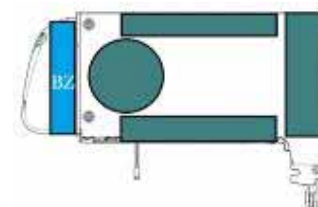
MM-KT-10-2

Part Number

683169001P1

Designation

S BNR, BZ B1-B2 Black bezel conversion kit, PK1



Ref. To order

683169001P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

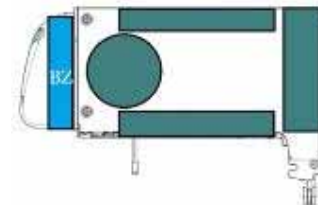
MM-KT-11-1

Part Number

683169001P1

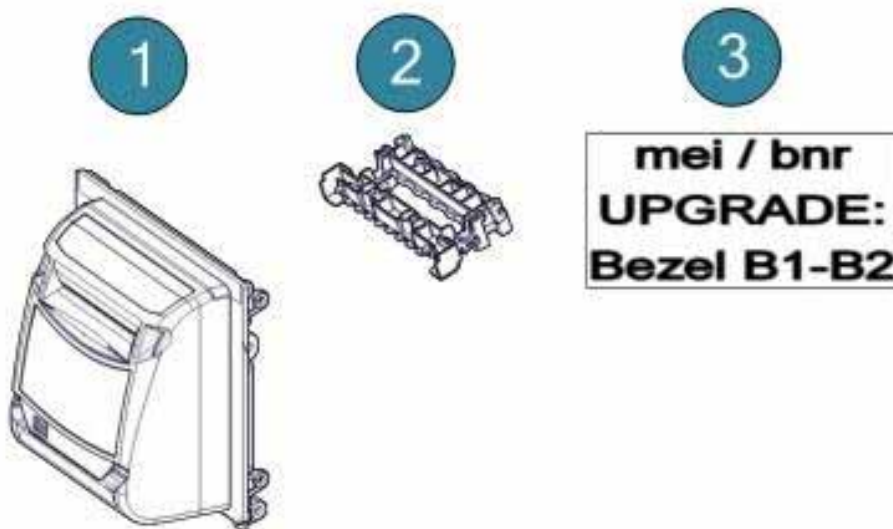
Designation

BNR BZ B1-B2 Black bezel conversion kit



List of components

Item	PN	Designation	QTY	Add. Remark
1	675236001	BZ-bezel assembly black	1	Available separately, See Accessories catalogue
2	674484001	BI-Inlet-top channel	1	Not available separately
3	683172001	MM B1-B2 UPG Label printing spec	1	Available on demand
4	951652001	BNR BZ B1-B2 Black conversion kit presc	1	Available on demand



- See replacement procedure: **951652001 BNR BZ B1-B2 Black conversion kit presc.**
(coming with the kit)

Ref. To order

683169001P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

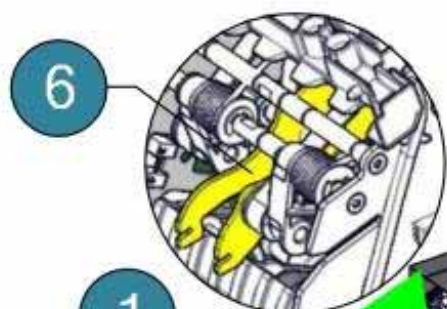
MM-KT-11-2

Part Number

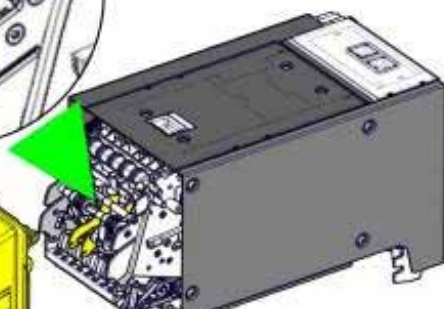
950619001P1

Designation

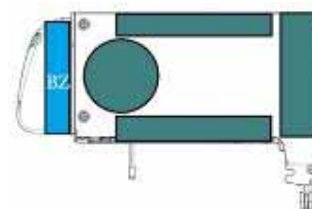
BNR BZ B2-S1 Metal bezel conversion kit



1

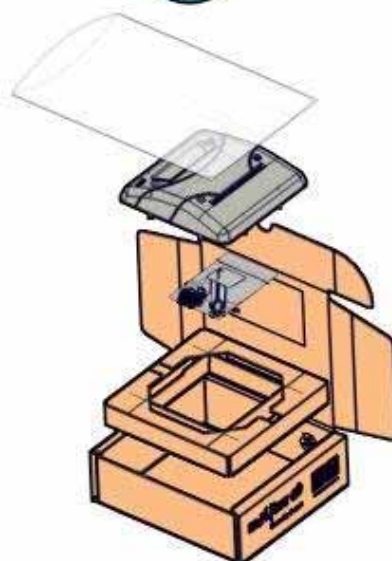


3



2

mei / bnr
UPGRADE:
Bezel B2-S1



Ref. To order

950619001P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

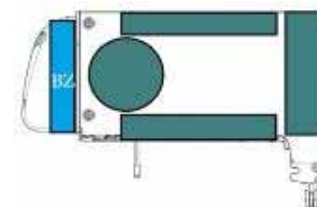
MM-KT-12-1

Part Number

950619001P1

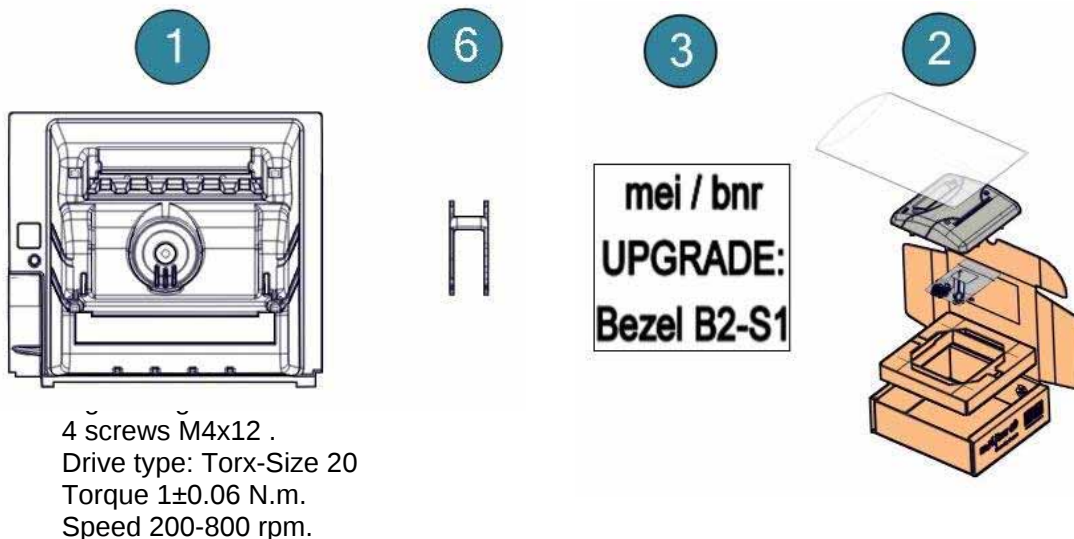
Designation

S BNR, BZ B2-S1 Metal bezel conversion kit, PK1



List of components

Item	PN	Designation	QTY	Add. Remark
1	673894001	BZ-internal assy	1	Available separately
2	950266001	BZ-Security assy-packaging	1	Available separately
3	950622001	MM B2-S1 UPG Label printing spec	1	Available on demand
4	951649001	BNR BZ B2-S1 Metal conversion kit presc	1	Available on demand
5	674531001	BNR-Security-interface specifications	1	Available on demand
6	679947001	MM-Bezel support	1	Not available separately



See Integration specification : **674531001 BNR-Security-interface specifications** (coming with the kit).

See replacement procedure : **951649001 BNR BZ B2-S1 Metal conversion kit presc.** (coming with the kit).

Ref. To order

950619001P1

Packaging

x 1 piece

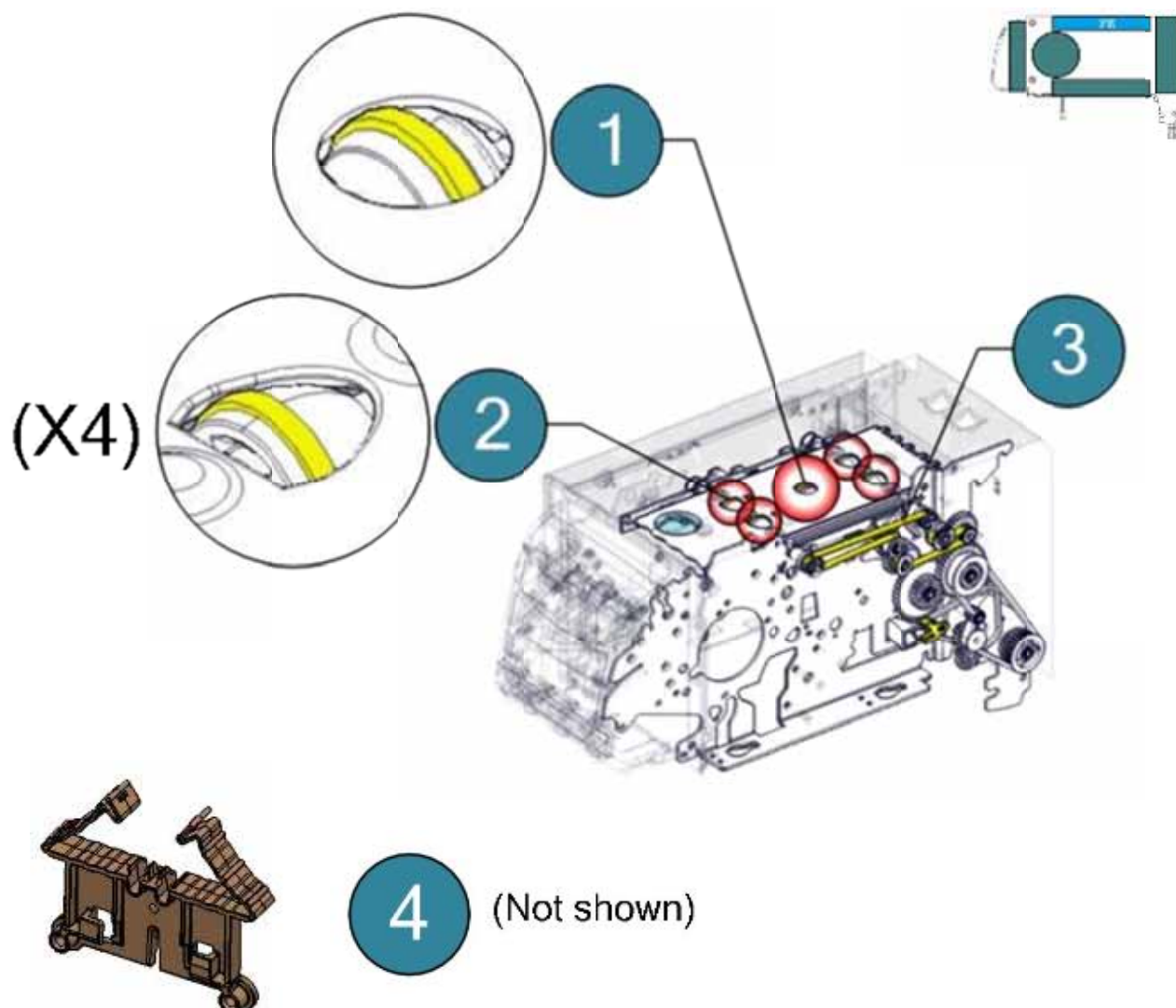
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-12-2

Part Number	982288001P1
Designation	S BNR, MM-PR belt and tyres Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



Ref. To order	982288001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-13-1	

Part Number

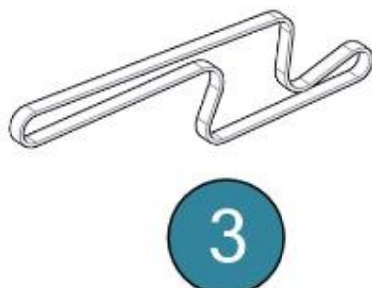
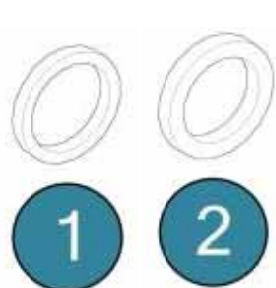
984009011P1

Designation

S BNR, HI, MXL26 REPAIR KIT, PK10

List of components

Item	PN	Designation	QTY	Add. Remark
1	969865001	PR-spherical roller tyre black	1	Available separately
2	969878001	PR-driving roller tyre black	4	Available separately
3	970704001	DS-PR-Belt-MXL160t-GF	1	Available separately
4	970644001	HI-Cable-Holder	1	Available separately



Ref. To order

982288001P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-13-2

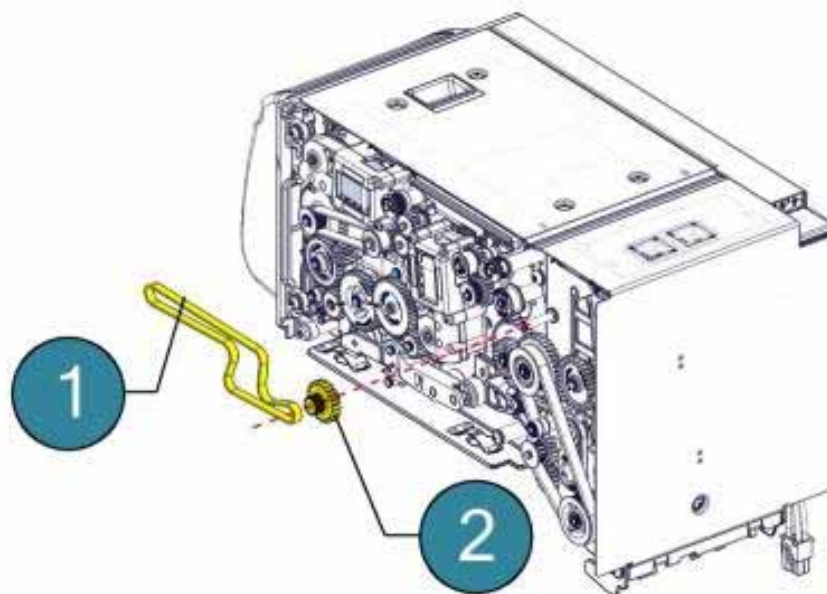
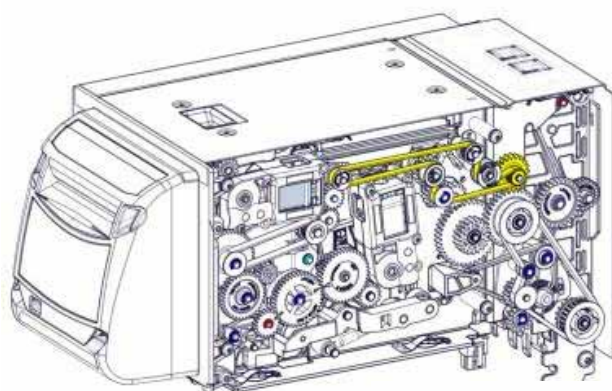


BNR Spare parts Catalogue - Main module

MM

Part Number	982348001P10
Designation	S BNR, Fibreglass Positioner Belt w/ Gear, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	982348001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-14-1



BNR Spare parts Catalogue - Main module

MM

Part Number

982348001P10

Designation

S BNR, Fibreglass Positioner Belt w/ Gear, PK10

List of components

Item	PN	Designation	QTY	Add. Remark
1	970704001	DS-belt-MXL-160t_width4.76_GF	10	Available separately
2	652300001	DS-gear-m1-21t-MXL16	10	Not available separately



Ref. To order

982348001P10

Packaging

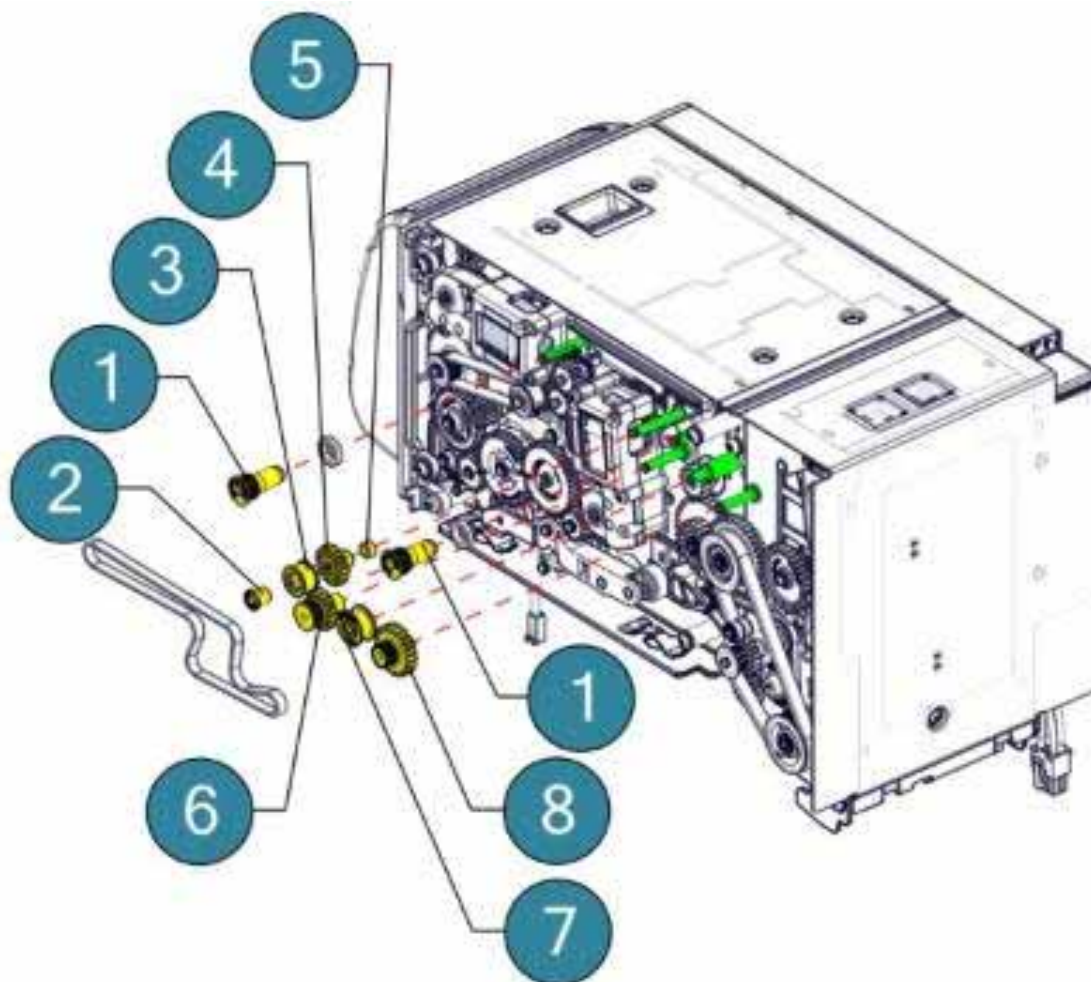
x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-14-2

<i>Part Number</i>	982864001P1
<i>Designation</i>	S BNR, PR GEAR/WHEEL KIT, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	982864001P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-15-1

Part Number

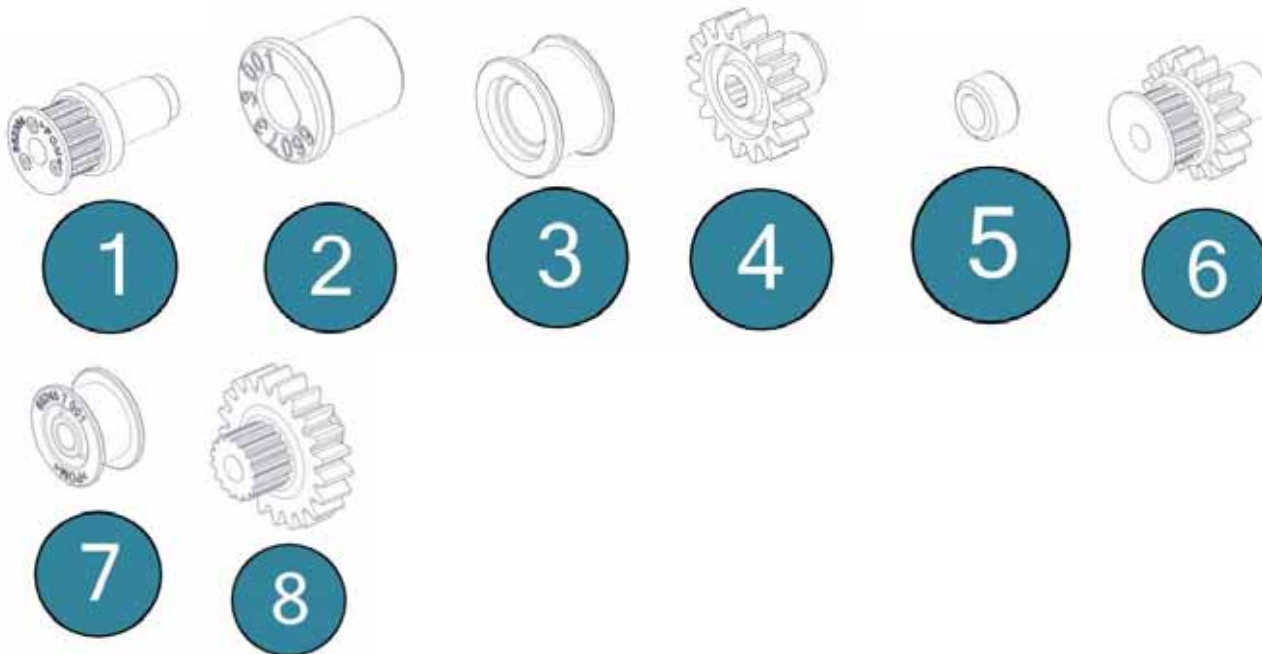
982864001P1

Designation

S BNR, PR GEAR/WHEEL KIT, PK1

List of components

Item	PN	Designation	QTY	Add. Remark
1	668964001	DS-gear-mxl17 assy	2	Not available separately
2	660733001	DS-bushing tensioner-pr	1	Not available separately
3	660746001	DS-tensioning-roller-pr	1	Not available separately
4	652279001	DS-gear-m1-16t	1	Not available separately
5	662277001	BT-spacer motorshaft	1	Not available separately
6	652295001	DS-gear-m1-16t_MXL17	1	Not available separately
7	652457001	DS-tensioning roller	1	Not available separately
8	652300001	DS-gear-m1-21t-MXL16	1	Not available separately



Ref. To order

982864001P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-15-2

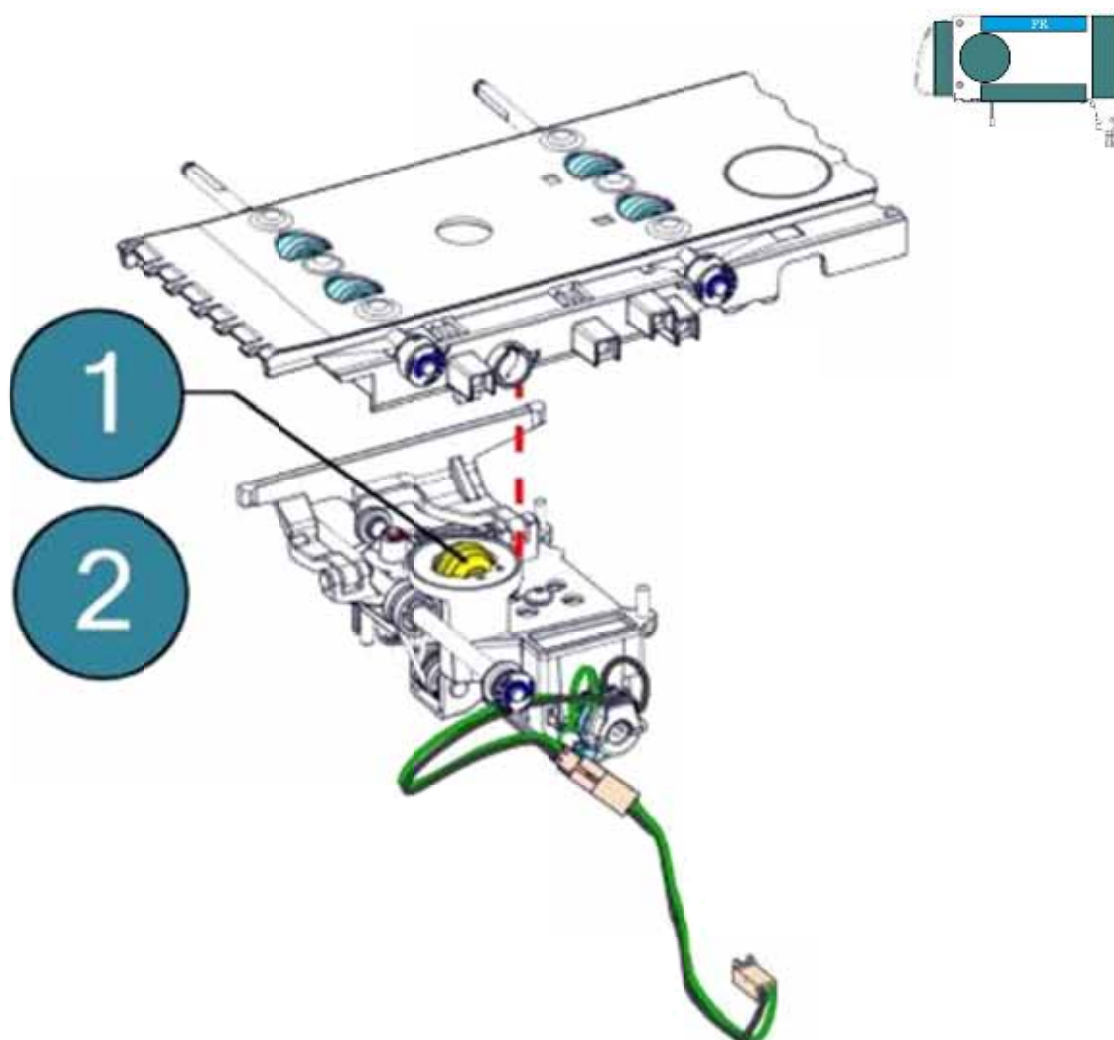


BNR Spare parts Catalogue - Main module

MM

Part Number	982911001P10
Designation	S BNR, PR-SPHERICAL ROLLER HUB - W/ TYRE, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	982911001P10
Packaging	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-16-1



BNR Spare parts Catalogue - Main module

MM

Part Number

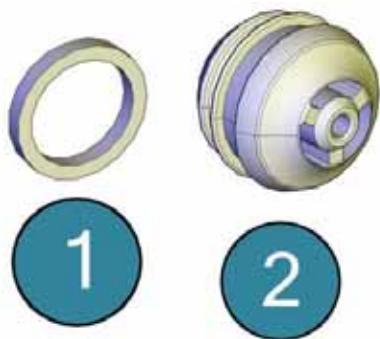
982911001P10

Designation

S BNR, PR-SPHERICAL ROLLER HUB - W/ TYRE, PK10

List of components

Item	PN	Designation	QTY	Add. Remark
1	969865001	PR-spherical roller tyre black	1	Available separately
2	671258001	PR-spherical roller hub	1	Not available separately



Ref. To order

982911001P10

Packaging

x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

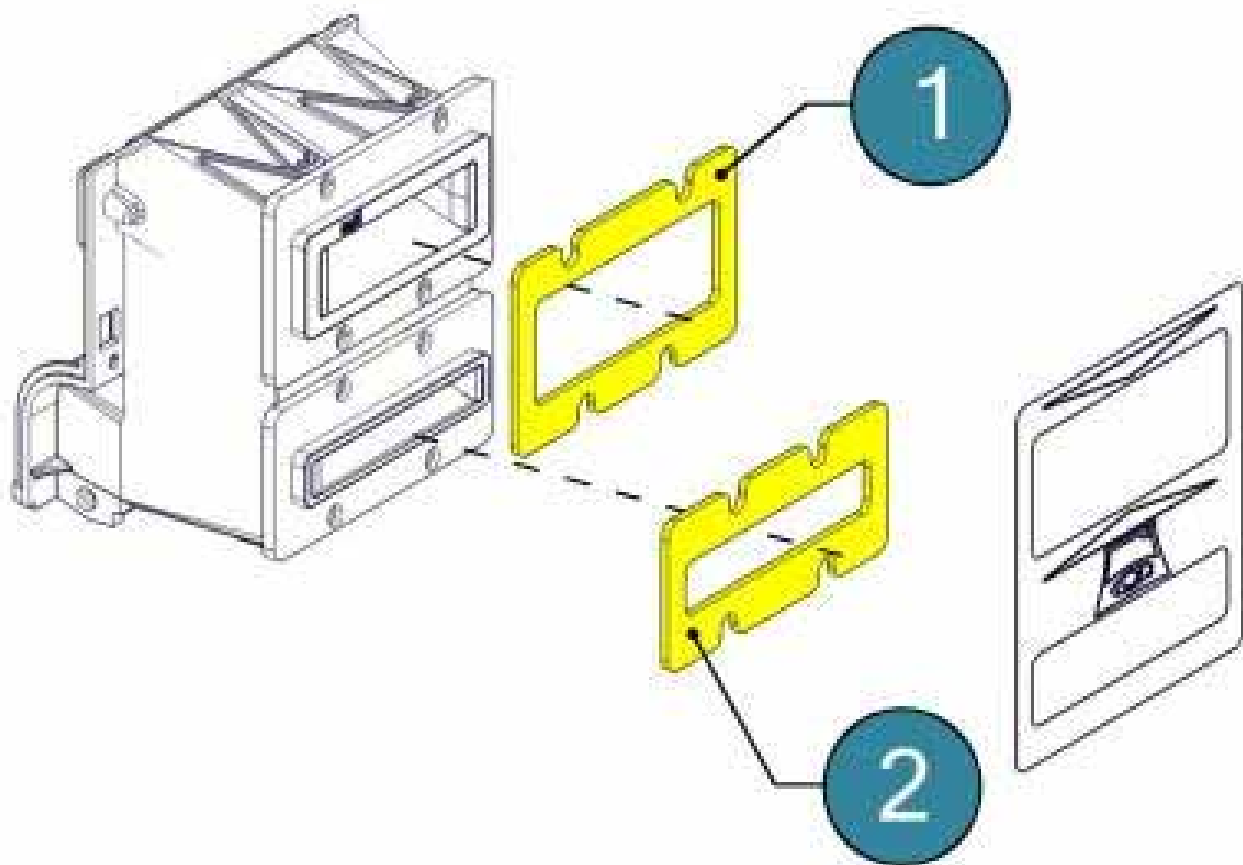
MM-KT-16-2

Part Number

983556001P10

Designation

S BNR, D1 and D2 BZ FOAM SEAL KIT, PK10



Ref. To order

983556001P10

Packaging

x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-17-1

Part Number

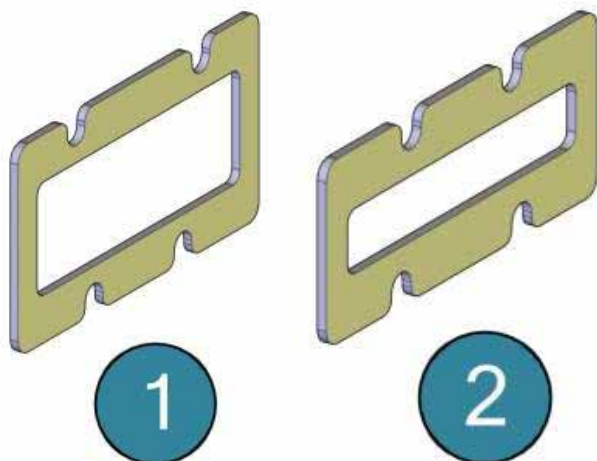
983556001P10

Designation

S BNR, D1 and D2 BZ FOAM SEAL KIT, PK10

List of components

Item	PN	Designation	QTY	Add. Remark
1	952828001	BZ- Top seal	1	Not available separately
2	952831001	BZ- Bottom seal	1	Not available separately



Ref. To order

983556001P10

Packaging

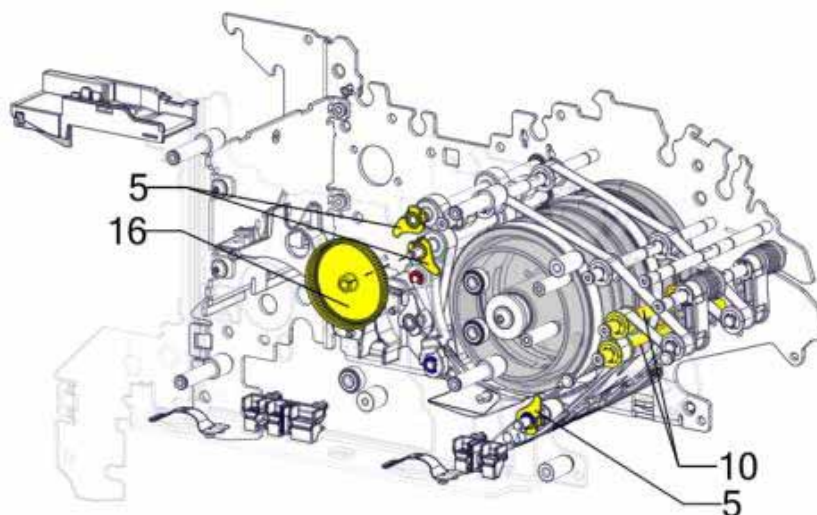
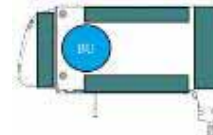
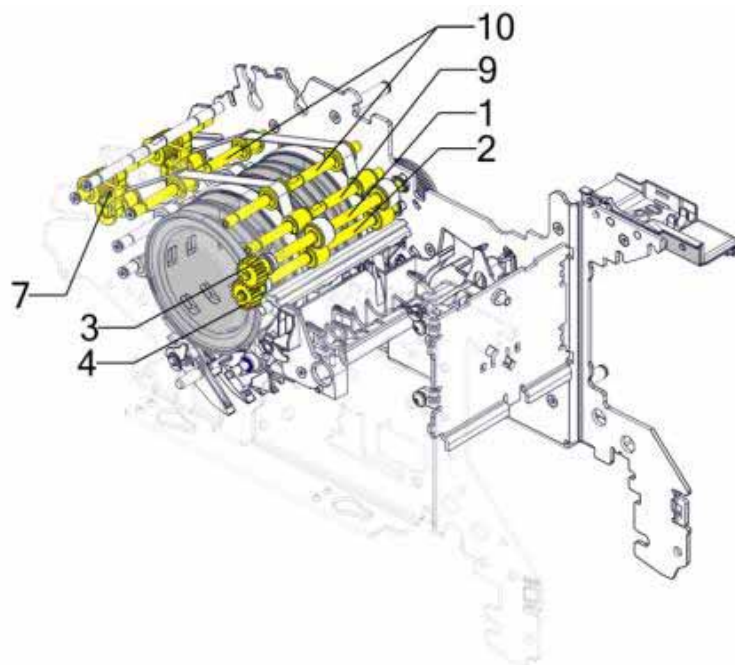
x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-17-2

Part Number	983938001P1		
Designation	S BNR, BU kit closed loop, PK1		
Compatibility	MMV18	MMV19	MMAdv.
Statement	✓	✓	✓



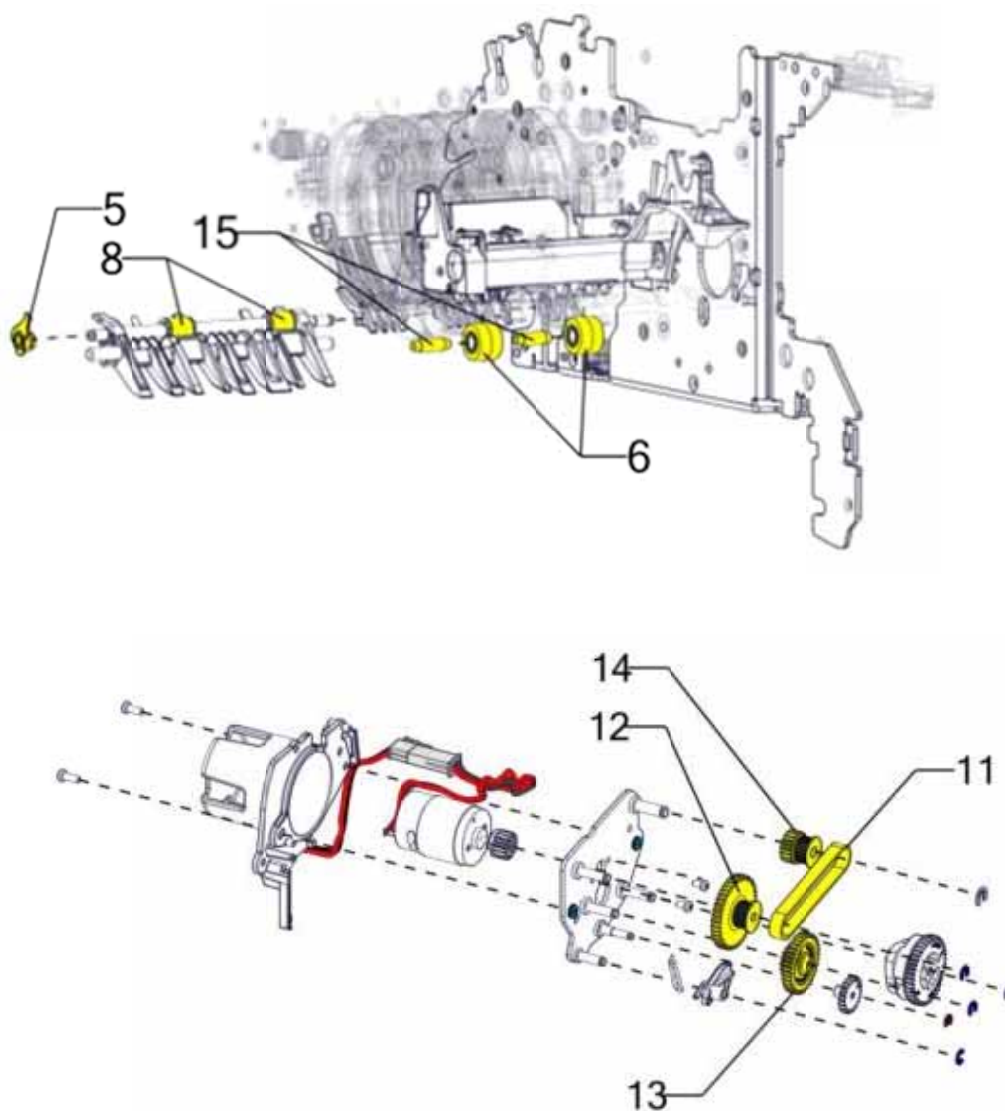
Ref. To order	983938001P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-18-1	

Part Number

983938001P1

Designation

S BNR, BU kit closed loop, PK1



Ref. To order

983938001P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-18-2



BNR Spare parts Catalogue - Main module



Part Number

983938001P1

Designation

S BNR, BU kit closed loop, PK1

List of components

Item	PN	Designation	QTY	Add. remark
1	983810001	BU-shaft-ass-No.7-close-Loop	1	Not available separately
2	983823001	BU-shaft-ass-No.5-close-Loop	1	Not available separately
3	650468001	BU-gear 17t m0.8 -Driver	1	Not available separately
4	983836001	BU-gear 17t m0.8 - Follower	1	Not available separately
5	666886001	MM-BU-DS-bushing	4	Available separately
6	671096001	BU-wheel-D15-L10.3-d5-Iglidur-Assy	2	Not available separately
7	665563001	BU-Shaft-Assy-No.3	1	Not available separately
8	970380001	BU-Wheel D10 L10 D5 Iglidur assy	2	Not available separately
9	666739001	BU-shaft-ass-No.2	1	Not available separately
10	666713001	BU-Shaft-Assy-No.6	4	Not available separately
11	665092001	BU-mxl-75t-belt	1	Available separately
12	650060001	BU-gear-43t-pulley-mxl-20t	1	Not available separately
13	650057001	BU-gear-35t-17t-m0.8	1	Not available separately
14	650073001	BU-gear-17t-pulley-mxl-20t	1	Not available separately
15	658097001	BU-short-shaft	2	Not available separately
16	649985001	BU-coding wheel 82 step	1	Available separately

See "Technical Service Procedure - Bundler closed loop replacement", for parts exchange instruction.

Ref. To order

983938001P1

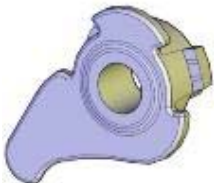
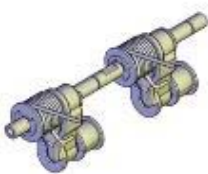
Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-18-3

Part Number	983938001P1
Designation	S BNR, BU kit closed loop, PK1

			
1	2	3	4
			
5	6	7	8
			
9	10	11	12
			
13	14	15	16

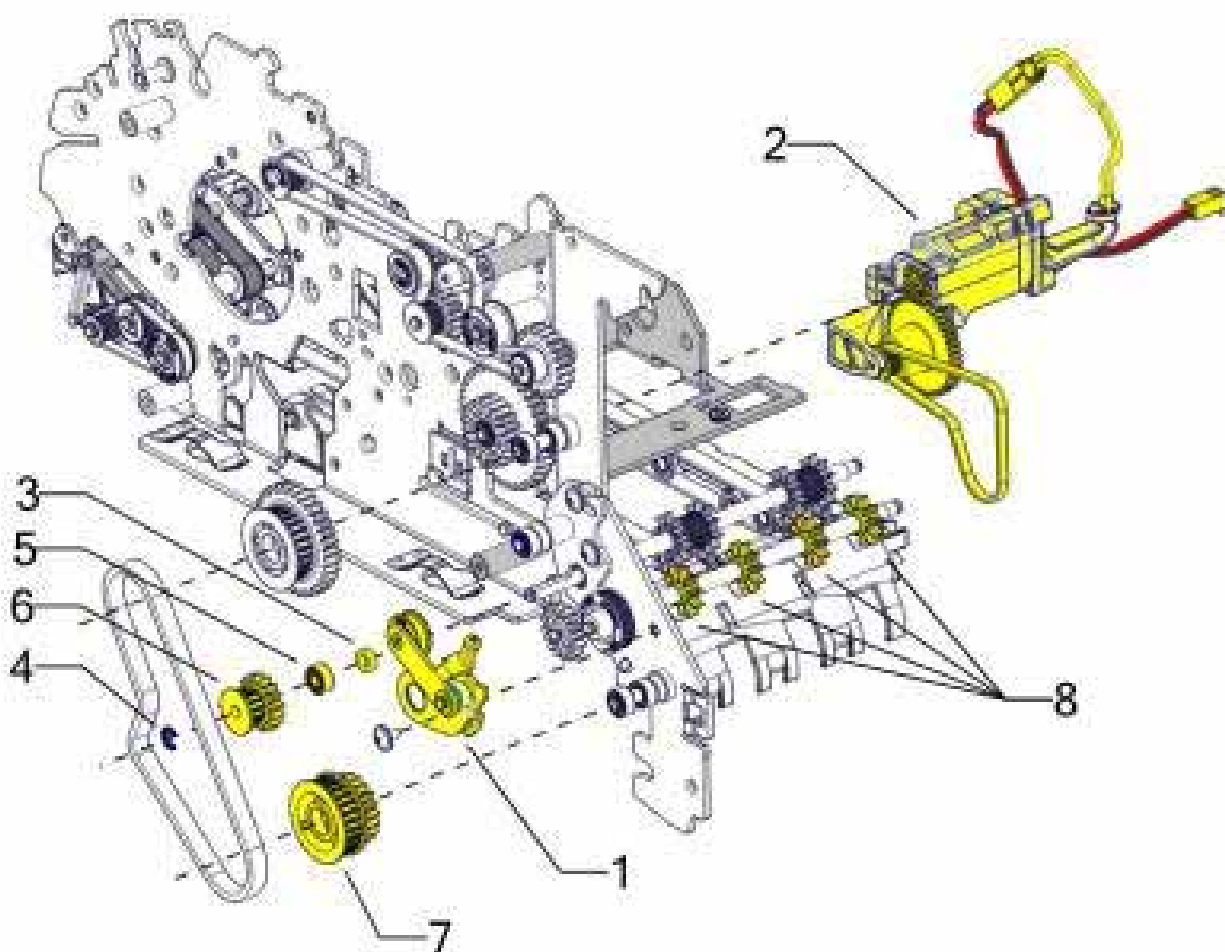
Ref. To order	983938001P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-18-4

<i>Part Number</i>	984001010P1
<i>Designation</i>	S BNR, Rotating diverter tensionner Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X



<i>Ref. To order</i>	984001010P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-19-1

Part Number

984001010P1

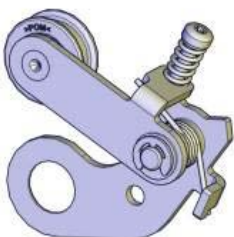
Designation

S BNR, Rotating diverter tensionner Kit, PK1

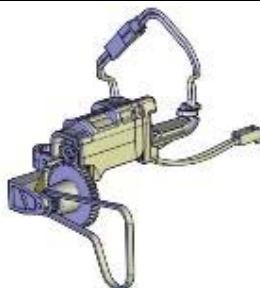
List of components

Item	PN	Designation	QTY	Add. remark
1	955627001	MM-rot-div-MXL-tensioner-assy	1	Not available separately
2	983129001	BT-M1-GMA V19	1	Not available separately
3	982437001	DS-Spacer	1	Not available separately
4	667009103	Circlip-3.2 for shaft	1	Not available separately
5	666002101	Mini Radial Ball Bearing ZZ 4/9x4	1	Available separately
6	982440001	DS-gear-m1-16t_FHT3-12_Short	1	Not available separately
7	652313001	DS-gear m1-20t_GT3 MR-27	1	Available separately
8	653652001	MM-revolving diverter-L5	4	Available separately

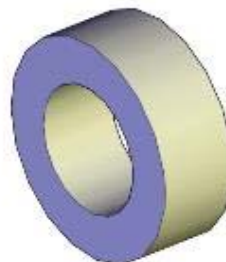
See "Technical Service Procedure - Rotating Tensionner Kit replacement", for parts exchange instruction.



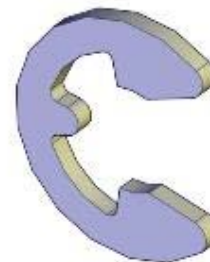
1



2



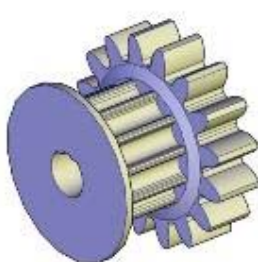
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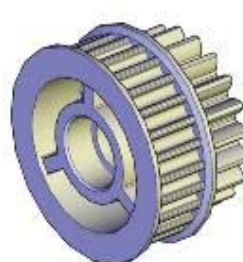
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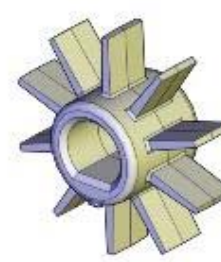
5



6



7



8

Ref. To order

984001010P1

Packaging

x 1 piece

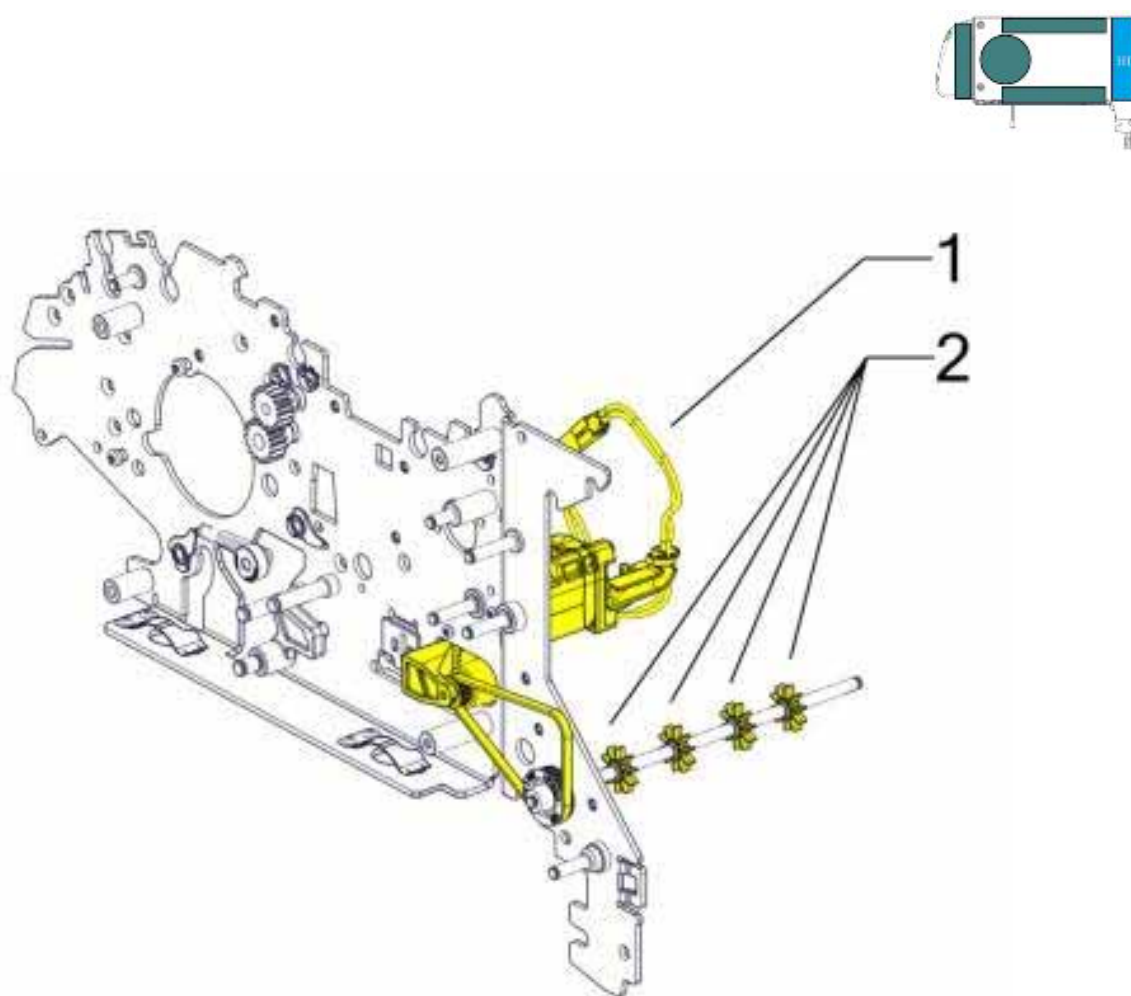
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-19-2

<i>Part Number</i>	984008422P1
<i>Designation</i>	S BNR, MMA-Rotating div Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



<i>Ref. To order</i>	984008422P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-19-3



BNR Spare parts Catalogue - Main module

MM

Part Number

984008422P1

Designation

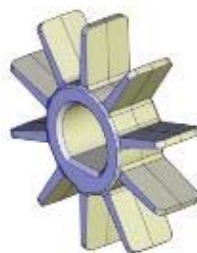
S BNR, MMA-Rotating div Kit, PK1

List of components

Item	PN	Designation	QTY/MM	Add. remark
1	984001294	BT-M1-GMA_Mk2	1	Not available separately
2	984003330	MM-revolving-diverter-L5_Mk2	4	Available separately



1



2

Ref. To order

984008422P1

Packaging

x 1 piece

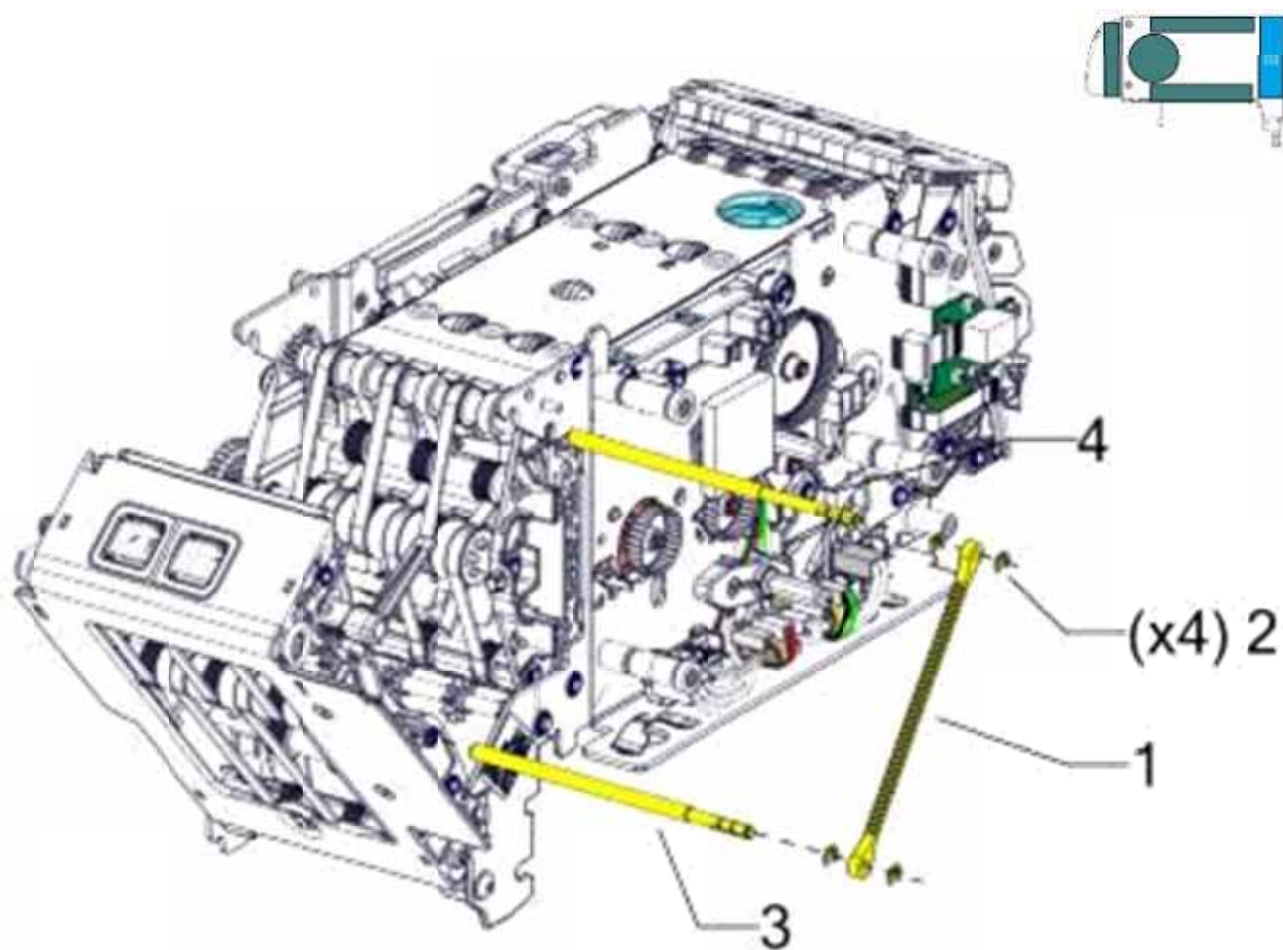
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-19-4

<i>Part Number</i>	984007012P1
<i>Designation</i>	S BNR, Hibou Strip upgrade kit, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	X



<i>Ref. To order</i>	984007012P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-20-1

Part Number

984007012P1

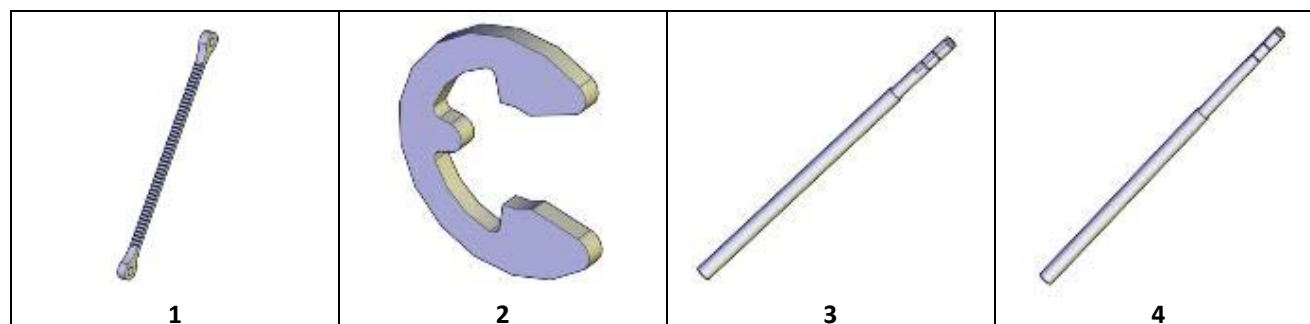
Designation

S BNR, Hibou Strip upgrade kit, PK1

List of components

Item	PN	Designation	QTY	Add. remark
1	983425001	HI-door strip	1	Not available separately
2	667009103	Circlip-3.2 for shaft	4	Not available separately
3	982982001	HI-shaft drum mxl 21a Strip	1	Not available separately
4	983085001	HI-shaft drum mxl 21 Strip	1	Not available separately

See "Technical Service Procedure - Hibou strip upgrade Kit replacement", for parts exchange instruction.



Ref. To order

984007012P1

Packaging

x 1 piece

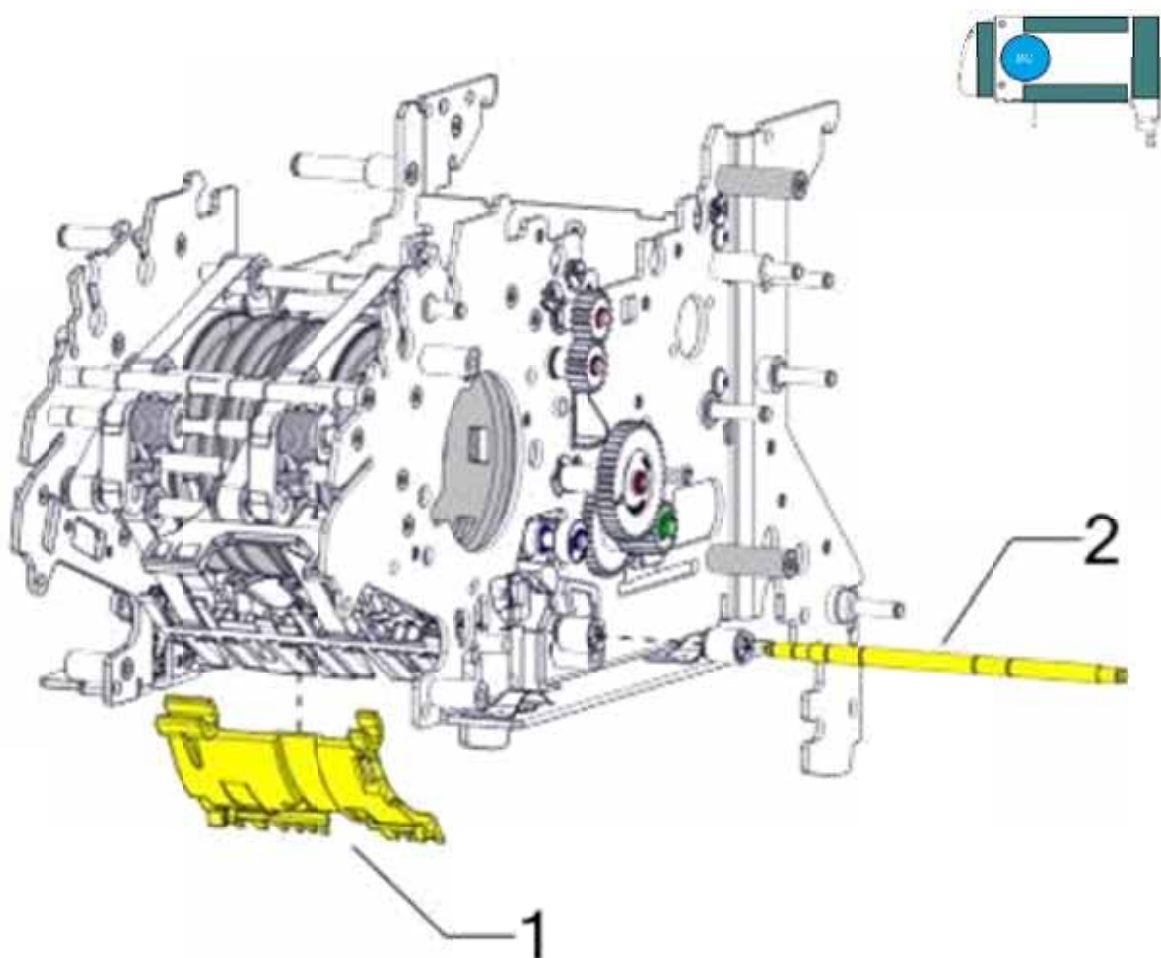
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-20-2

<i>Part Number</i>	984009011P1
<i>Designation</i>	S BNR, Trash bin Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	X	✓	✓



<i>Ref. To order</i>	984009011P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-21-1	

Part Number

984009011P1

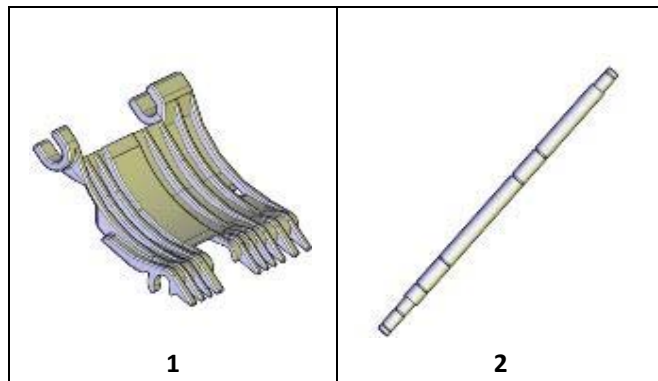
Designation

S BNR, Trash bin Kit, PK1

List of components

Item	PN	Designation	QTY	Add. remark
1	982380001	BU-bundle-extraction-guide-V2	1	Not available separately
2	982453001	BU-SHAFT-HINGE-STOPPER V2	1	Not available separately

See "98400 9 011PEI - Trash bin kit, P.E.I.", for parts exchange instruction.



Ref. To order

984009011P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

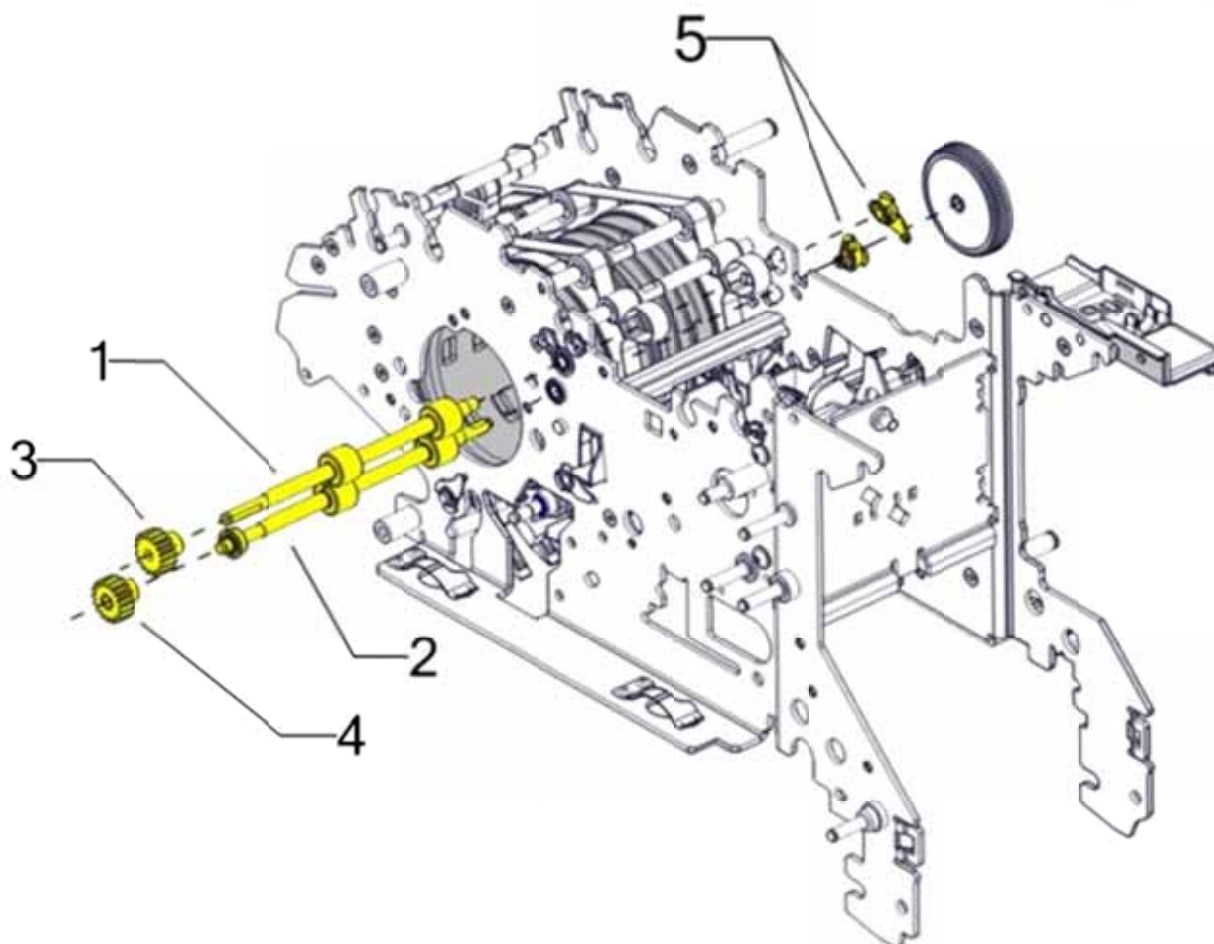
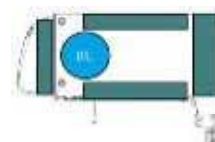
<http://www.cranepi.com/>

MM-KT-21-2

<i>Part Number</i>	984002241P1
<i>Designation</i>	S BNR, BU shafts N°7 & N°5 Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	X*	✓	✓

*: compatible if MM equipped with closed loop kit 98393 8 001P1.



<i>Ref. To order</i>	984002241P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-22-1

Part Number

984002241P1

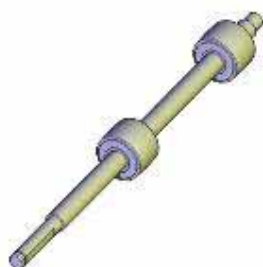
Designation

S BNR, BU shafts N°7 & N°5 Kit, PK1

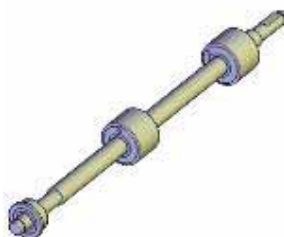
List of components

Item	PN	Designation	QTY	Add. remark
1	983810001	BU-shaft-ass-No.7-close-Loop	1	Not available separately
2	983823001	BU-shaft-ass-No.5-close-Loop	1	Not available separately
3	650468001	BU-gear 17t m0.8 -Driver	1	Not available separately
4	983836001	BU-gear 17t m0.8 - Follower	1	Not available separately
5	666886001	MM-BU-DS-bushing	2	Available separately

See "Technical Service Procedure - Rotating Tensionner Kit replacement", for parts exchange instruction.



1



2



3



4



5

Ref. To order

984002241P1

Packaging

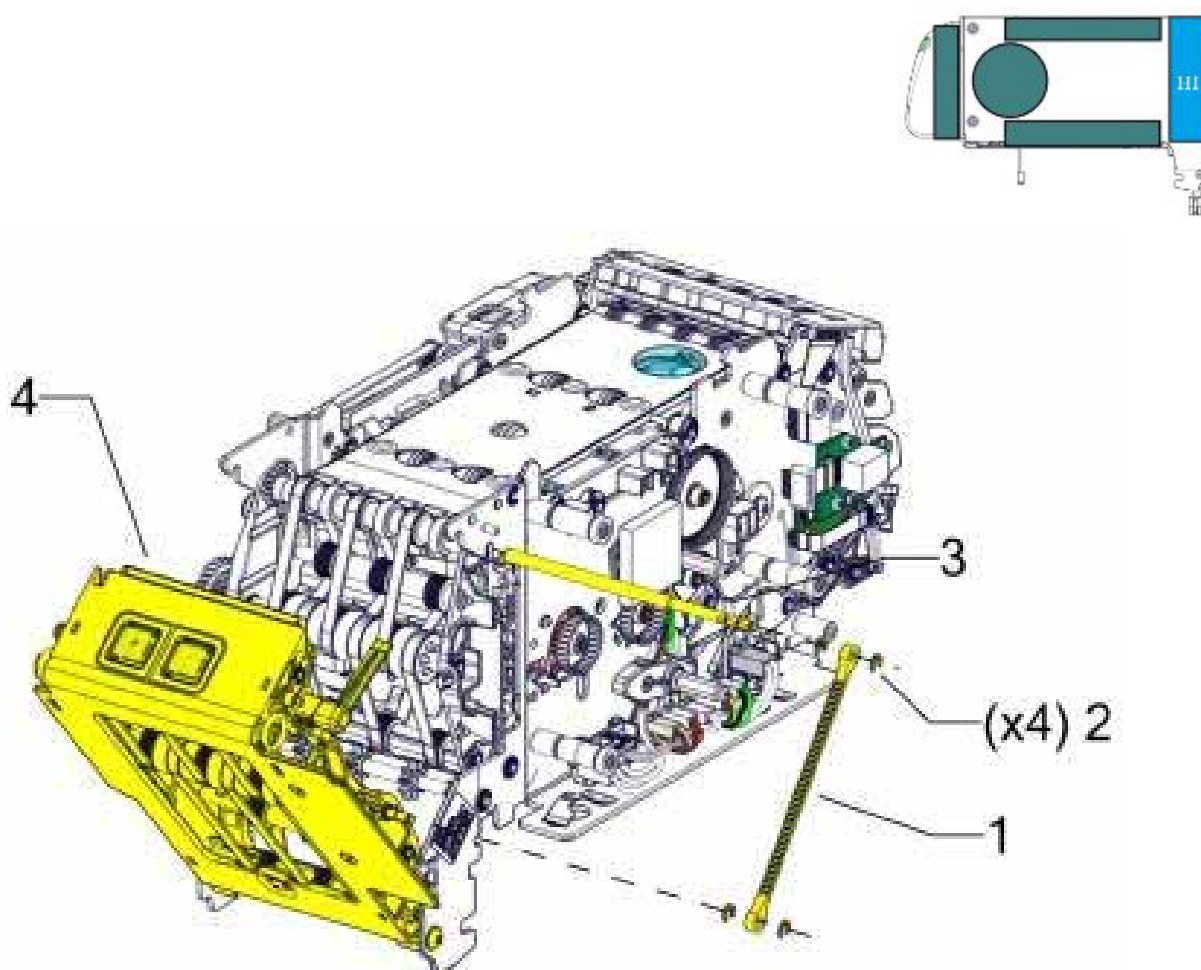
x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-22-2

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	x



For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

Part Number

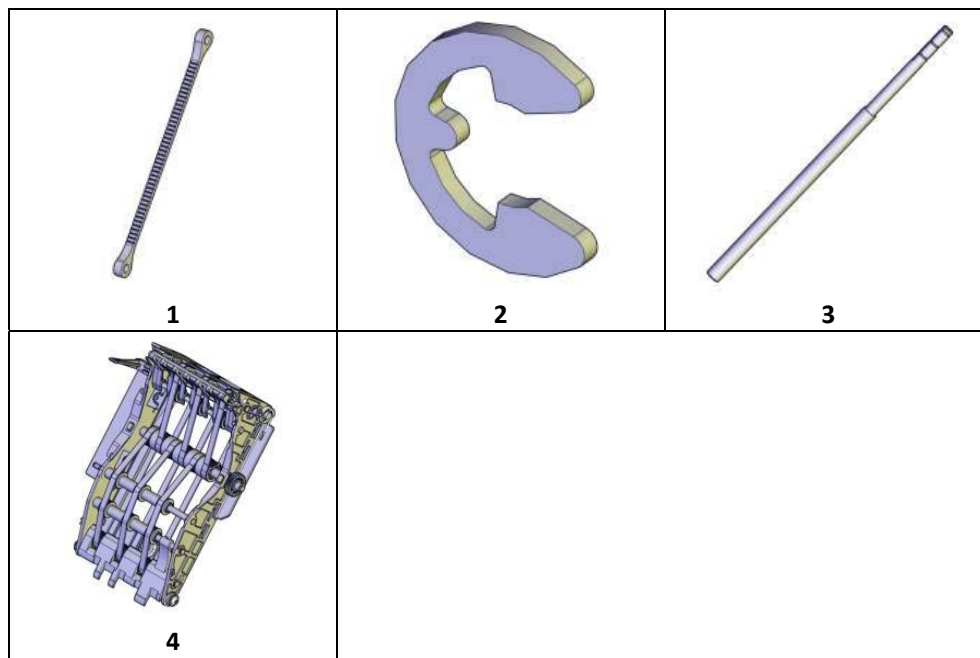
984005258P1

Designation

S BNR, HI CHASSIS REAR & HI STRIP KIT, PK1

List of components

Item	PN	Designation	QTY	Add. remark
1	983425001	HI-door strip	1	Available separately
2	667009103	Circlip-3.2 for shaft	4	
3	983085001	HI-shaft drum mxl 21 Strip	1	
4	667463001	HI-rear chassis assembly	1	Not available separately



Ref. To order

984005258P1

Packaging

x 1 piece

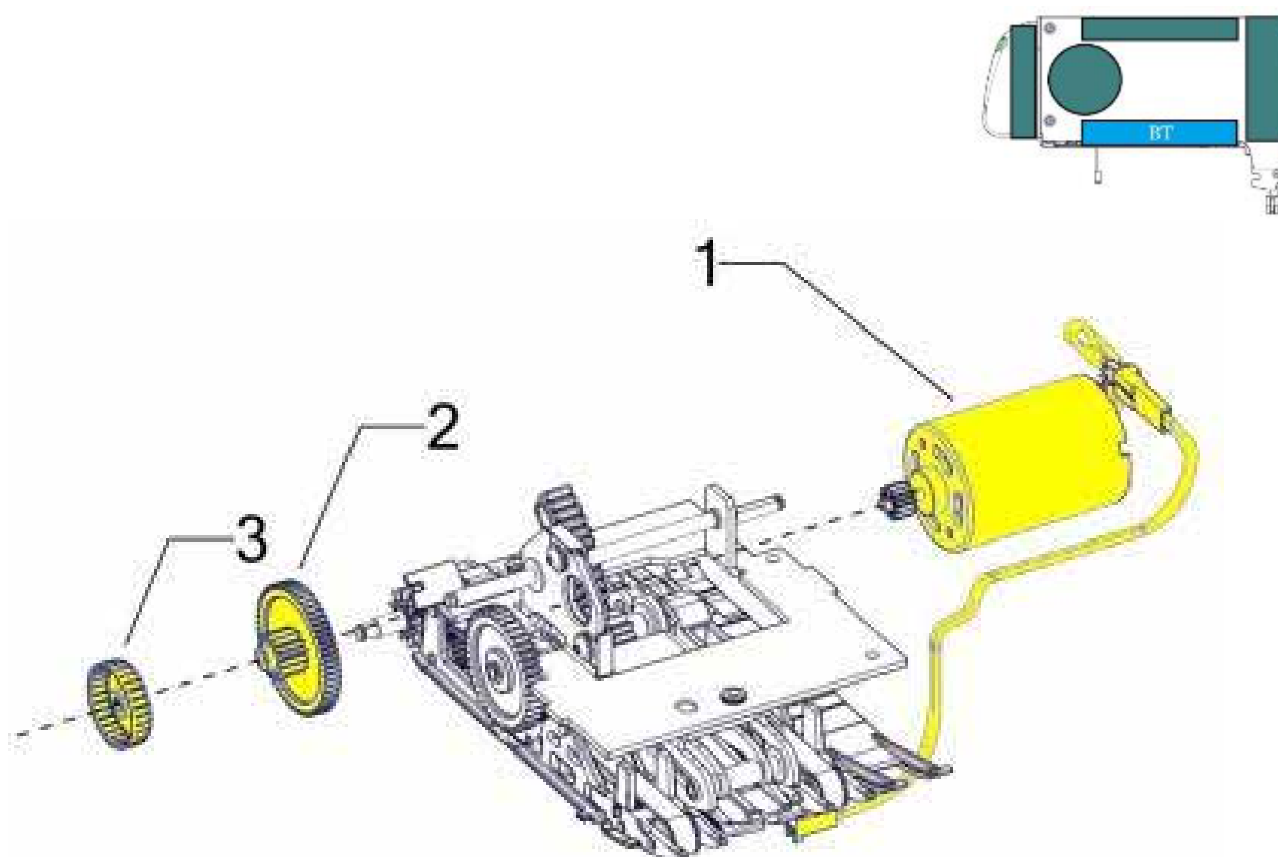
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-23-2

<i>Part Number</i>	984002349P1
<i>Designation</i>	S BNR, ST M1+Gear&Coding wheel kit, PK1

Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



<i>Ref. To order</i>	984002349P1
<i>Packaging</i>	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-24-1

Part Number

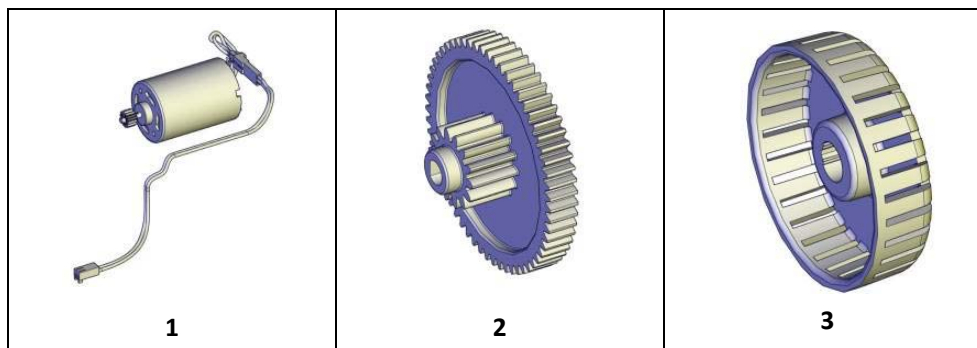
984002349P1

Designation

S BNR, ST M1+Gear&Coding wheel kit, PK1

List of components

Item	PN	Designation	QTY	Add. remark
1	668320001	ST-M1-assembly with gear	1	Not available separately
2	652651001	ST-gearwheel M0.6-59/M0.8-14	1	Not available separately
3	652431001	DS-Coding Wheel	1	Not available separately



Ref. To order

984002349P1

Packaging

x 1 piece

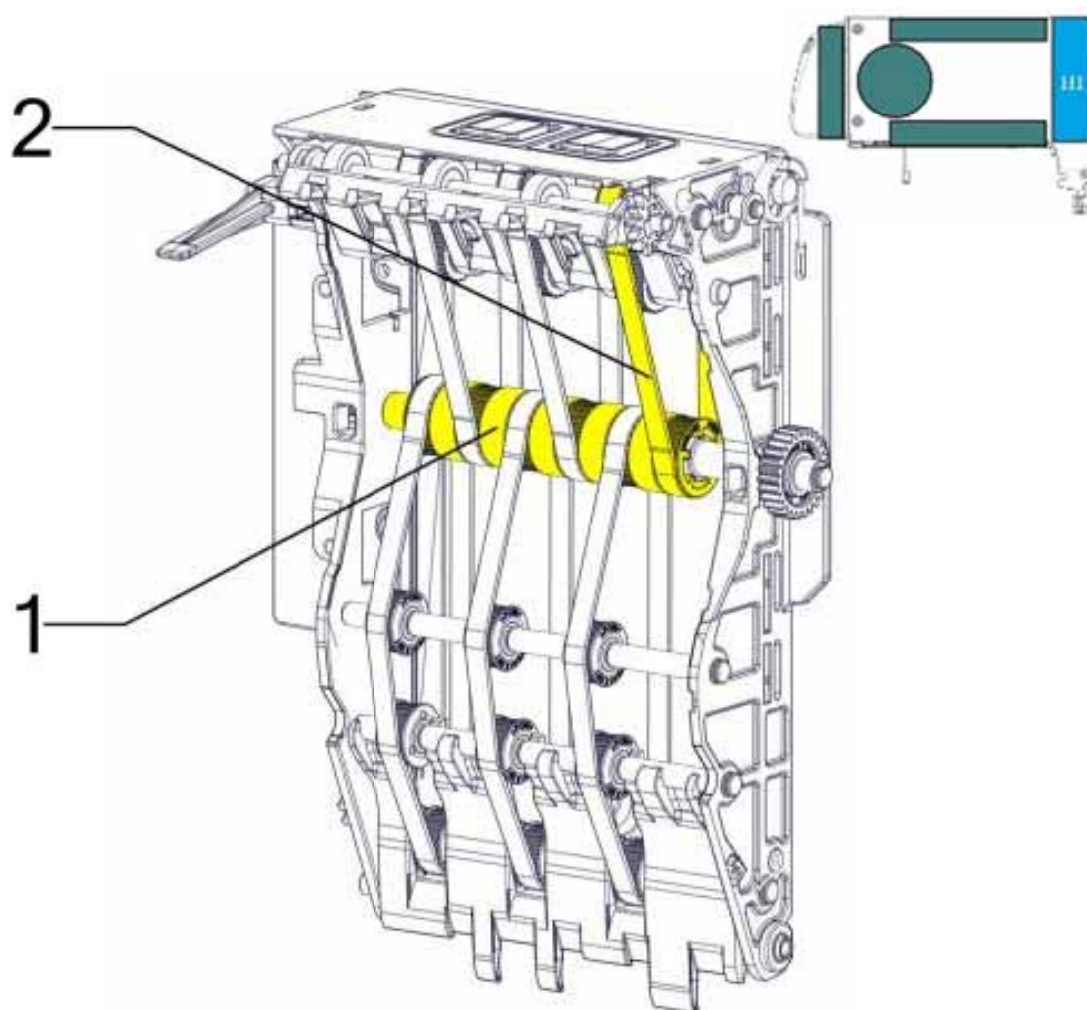
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-24-2

<i>Part Number</i>	984008400P10
<i>Designation</i>	S BNR, HI, MXL26 KIT, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	984008400P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-25-1	

Part Number

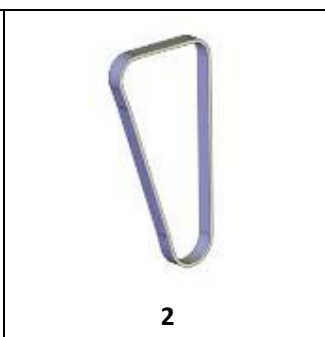
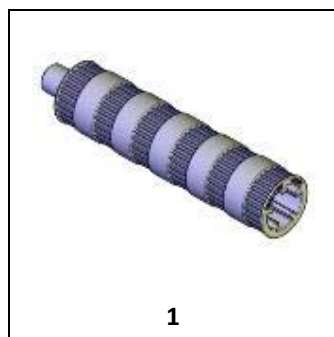
984008400P10

Designation

S BNR, HI, MXL26 KIT, PK10

List of components

Item	PN	Designation	QTY	Add. remark
1	656053001	HI-drum MXL 26	10	Not available separately
2	665607001	HI-Belt 95-MXL-4	10	Available separately



Ref. To order

984008400P10

Packaging

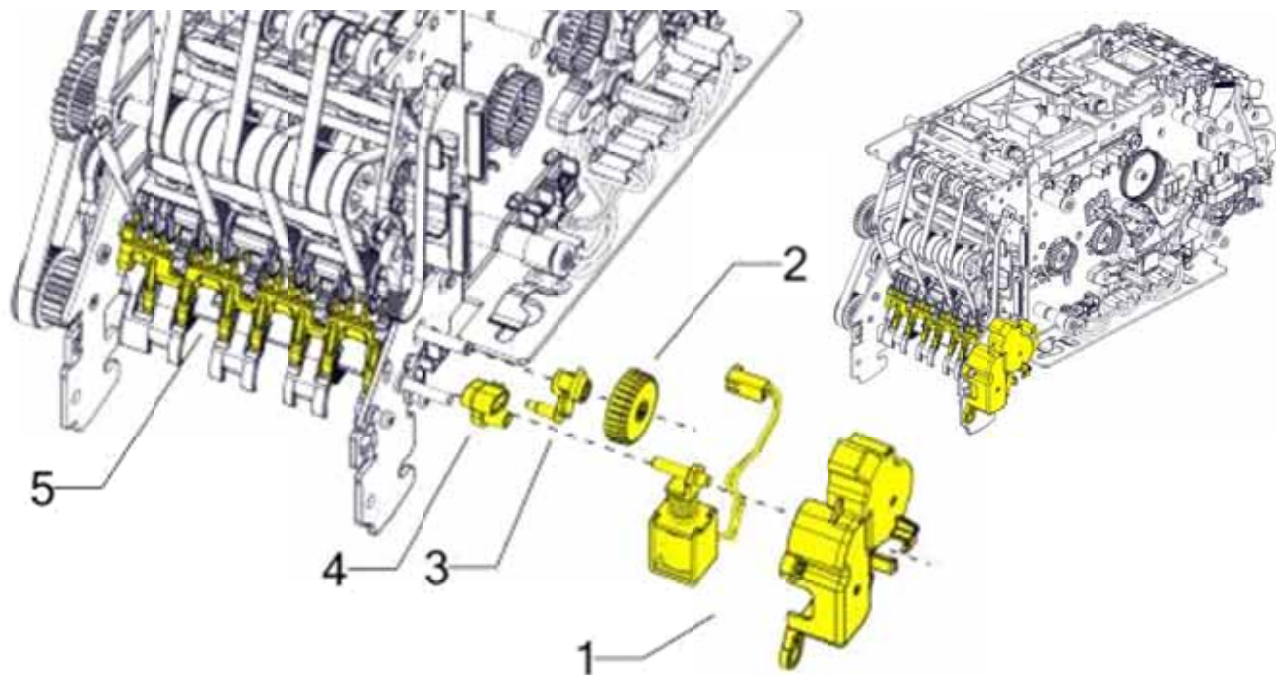
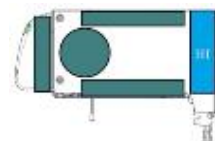
x 10 pieces

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-25-2

Part Number	984004429P1
Designation	S BNR, MMA Diverter Kit, PK1

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



Ref. To order	984004429P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-26-1

Part Number

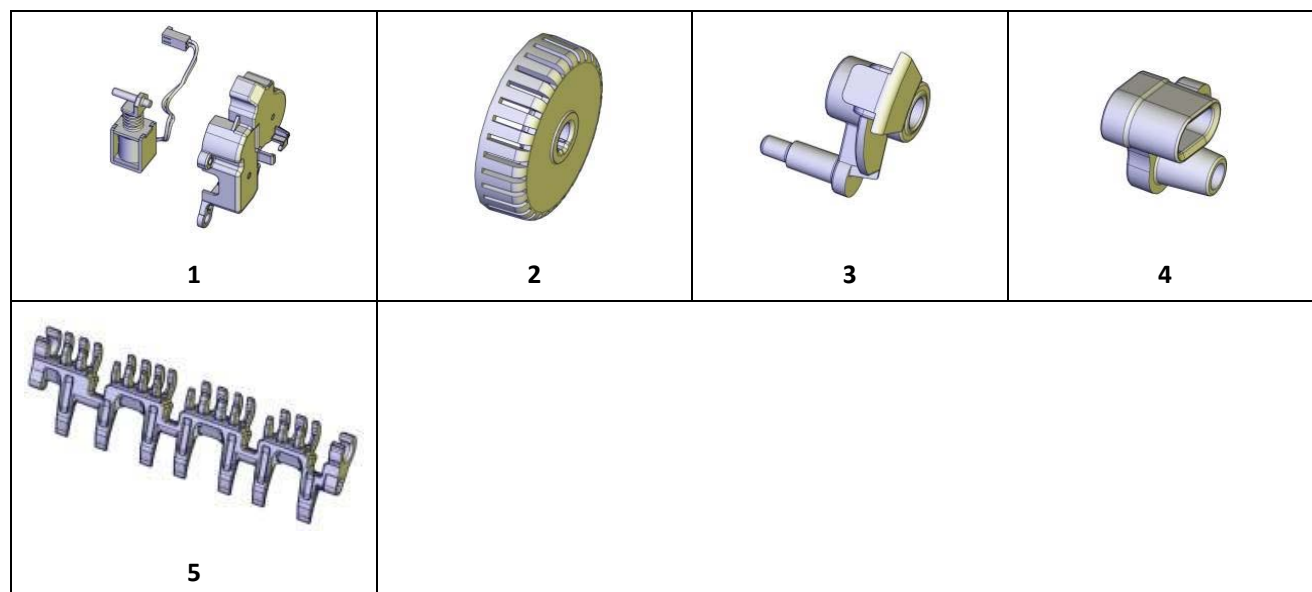
984004429P1

Designation

S BNR, MMA Diverter Kit, PK1

List of components

Item	PN	Designation	QTY/MM	Add. remark
1	984002268	BT.A1 assy_Mk2	1	Not available separately
2	652431001	DS-coding wheel	1	Available separately
3	984006200	MM-Flap div actuator_Mk2	1	Not available separately
4	984004201	MM-Solenoid Lever Mk2	1	Not available separately
5	984004108	MM-flap diverter_Mk2	1	Not available separately



Ref. To order

984004429P1

Packaging

x 1 piece

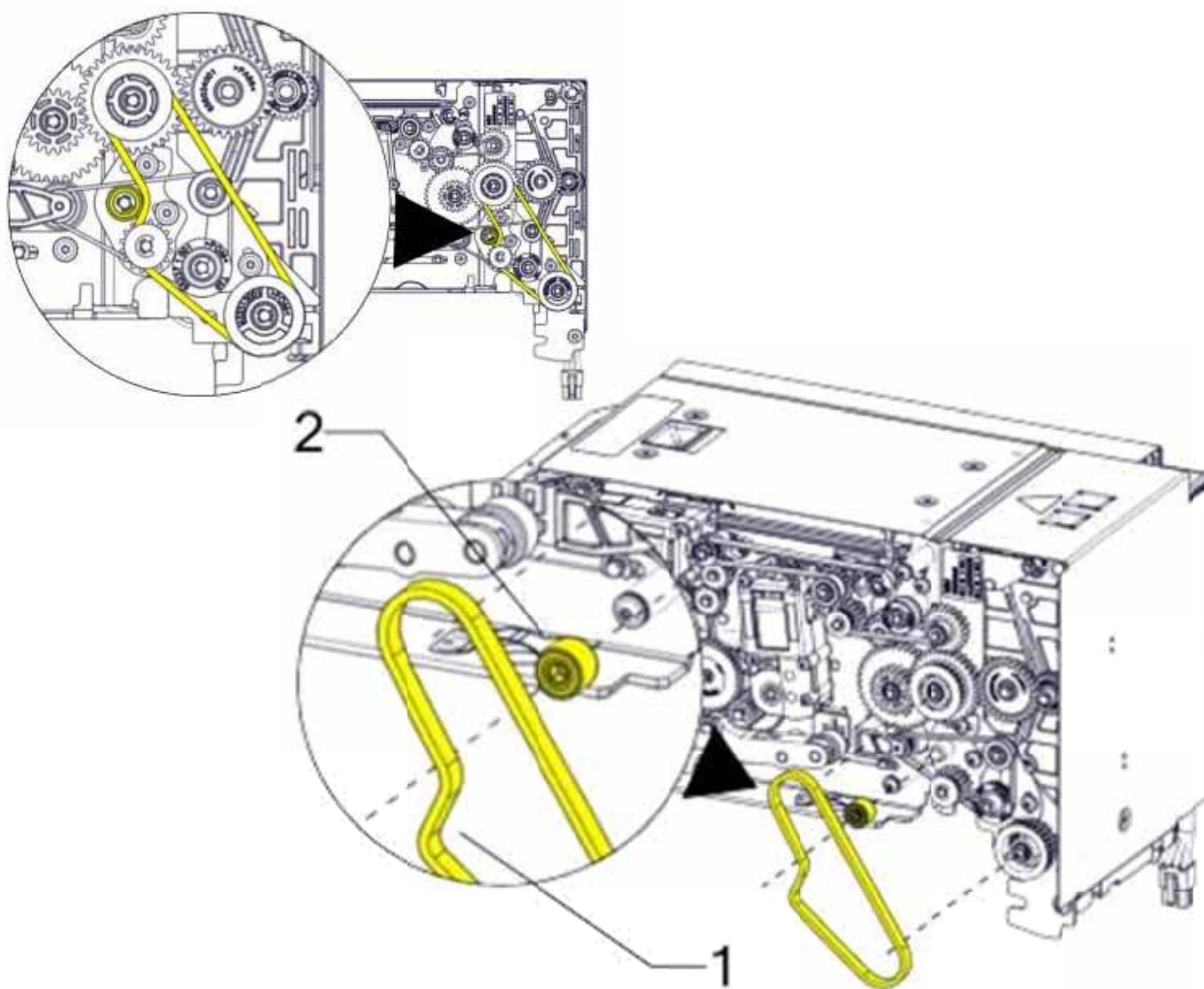
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-26-2

<i>Part Number</i>	984007431P10
<i>Designation</i>	S BNR, MMA Belt 85T+T. pulley Kit, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	984007431P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-27-1	

Part Number

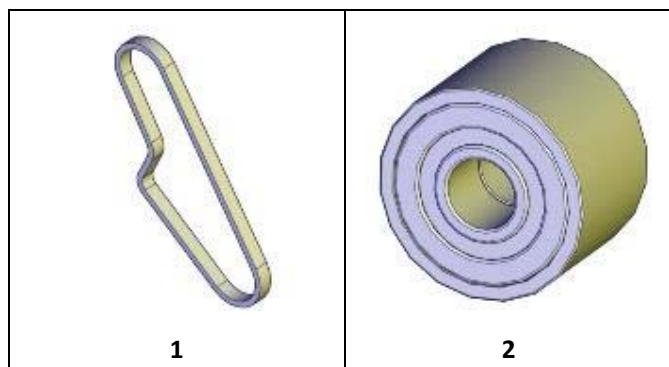
984007431P10

Designation

S BNR, MMA Belt 85T+T. pulley Kit, PK10

List of components

Item	PN	Designation	QTY	Add. remark
1	652266001	DS-belt-FHT 3-85t_width6	10	Not available separately
2	984007291	DS-Tensioning-Pulley-GT3-assy_MK2	10	Not available separately



Ref. To order

984007431P10

Packaging

x 10 pieces

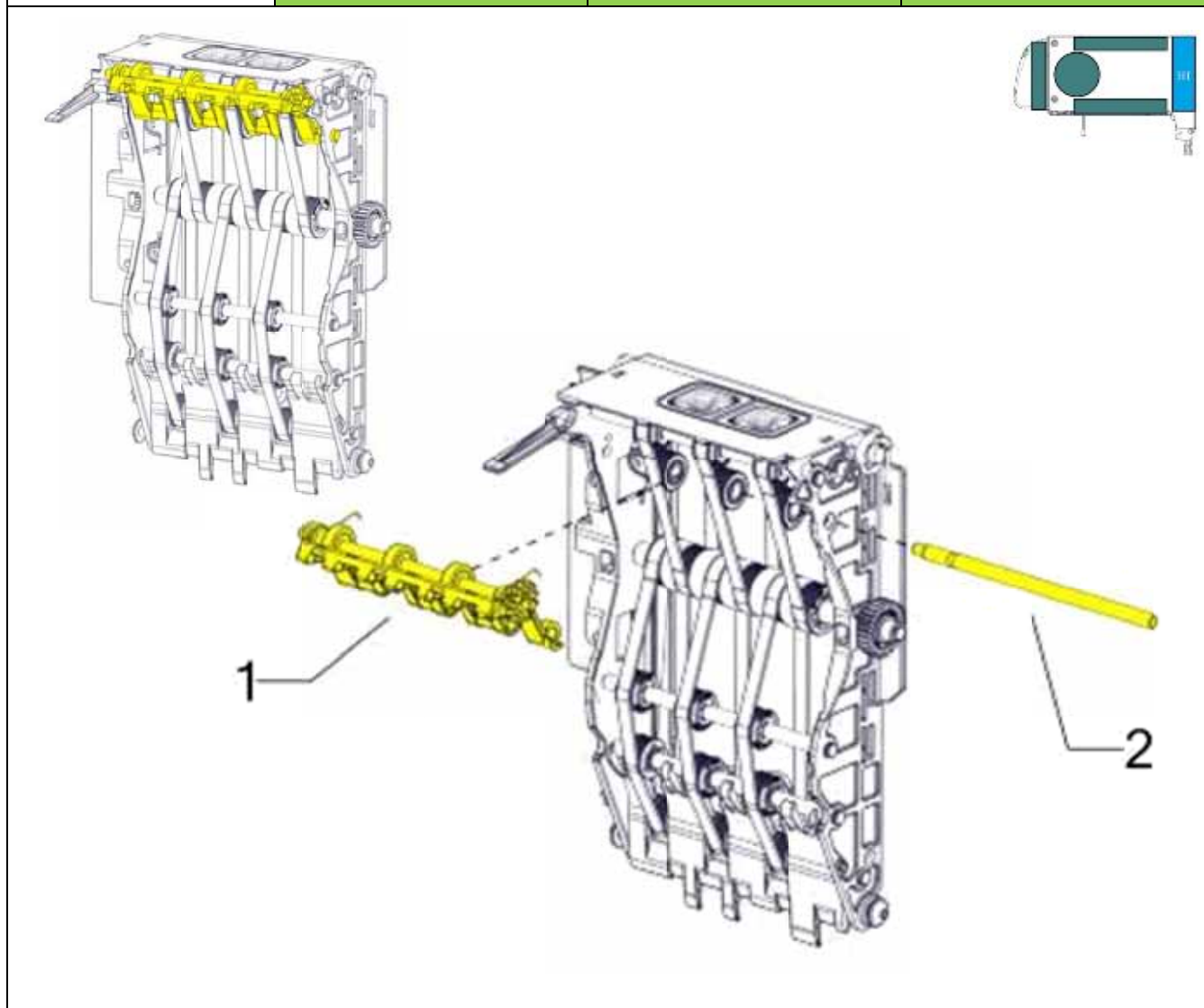
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-27-2

<i>Part Number</i>	984001434P10
<i>Designation</i>	S BNR, MMA HI Roller Guide kit, PK10

Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



<i>Ref. To order</i>	984001434P10
<i>Packaging</i>	x 10 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-28-1	

Part Number

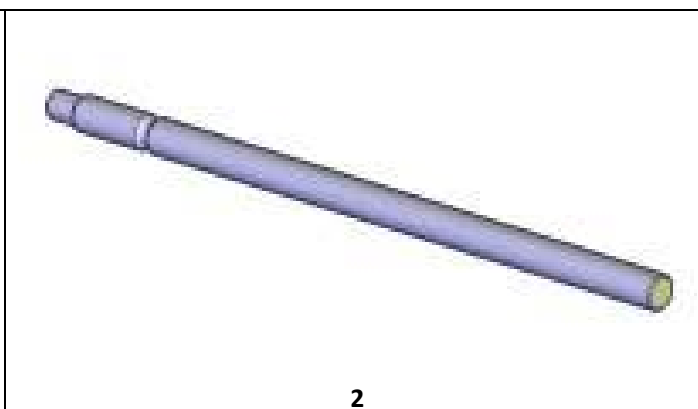
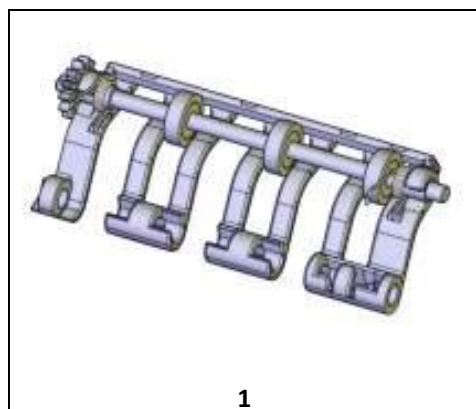
984001434P10

Designation

S BNR, MMA HI Roller Guide kit, PK10

List of components

Item	PN	Designation	QTY/MM	Add. remark
1	984009278	HI-guide assy_Mk2	10	Not available separately
2	984008086	HI-Shaft Guide	10	Not available separately



Ref. To order

984001434P10

Packaging

x 10 pieces

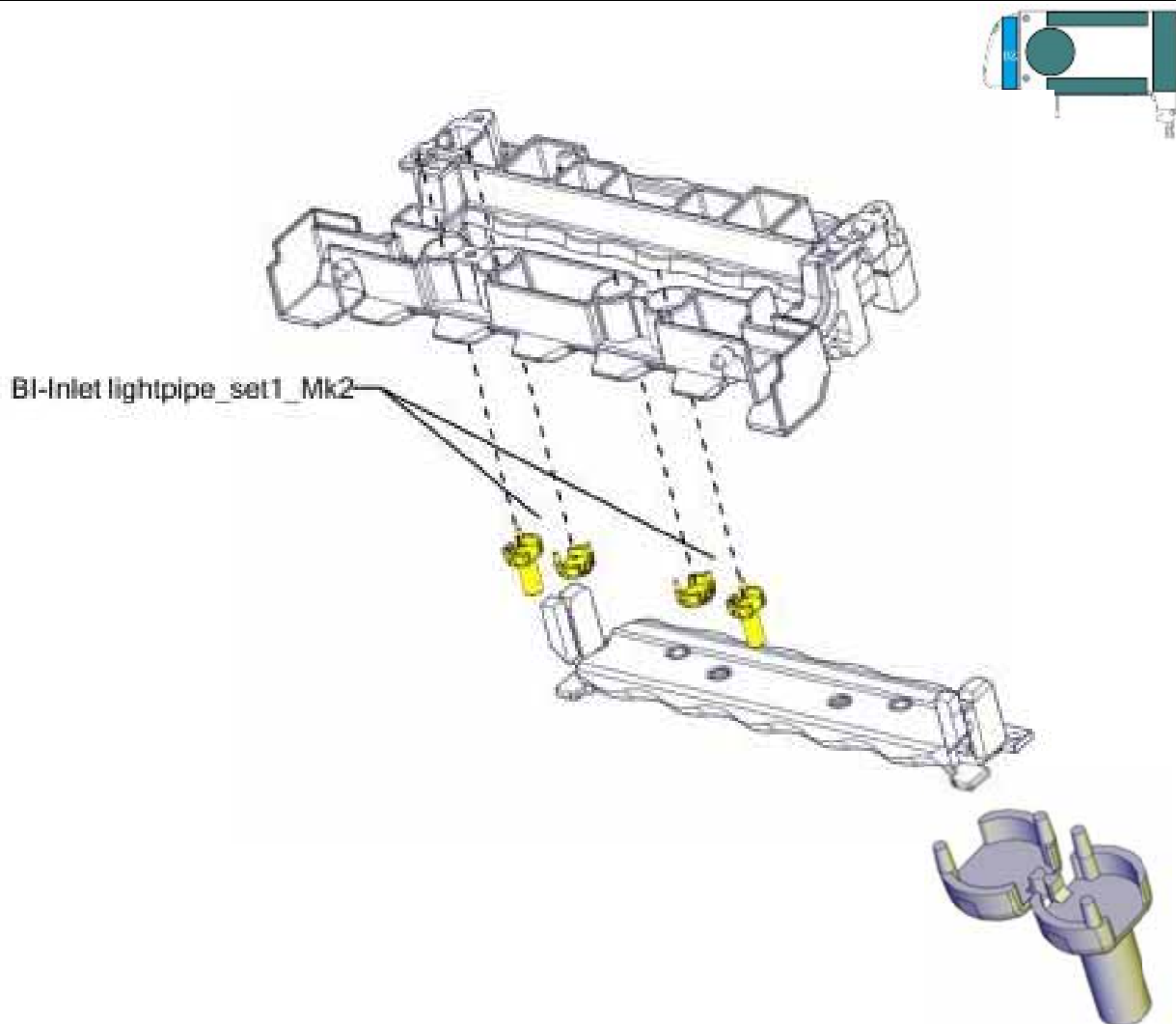
For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-28-2

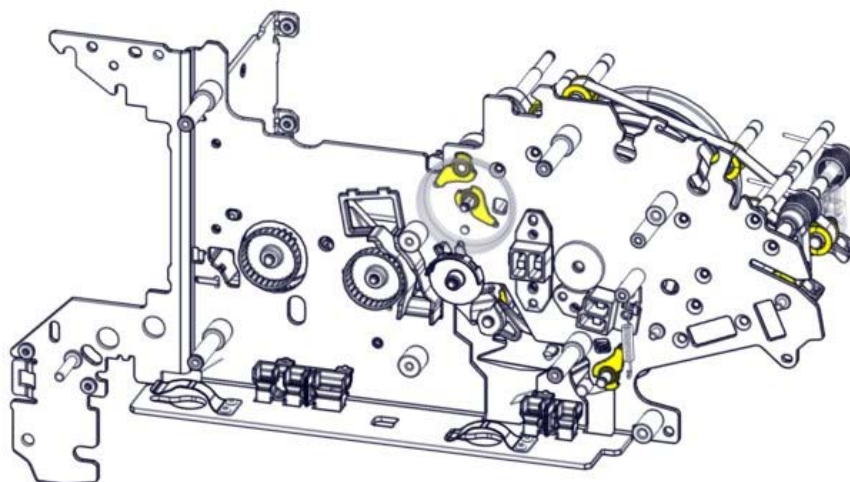
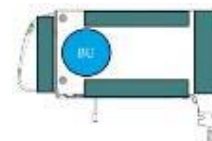
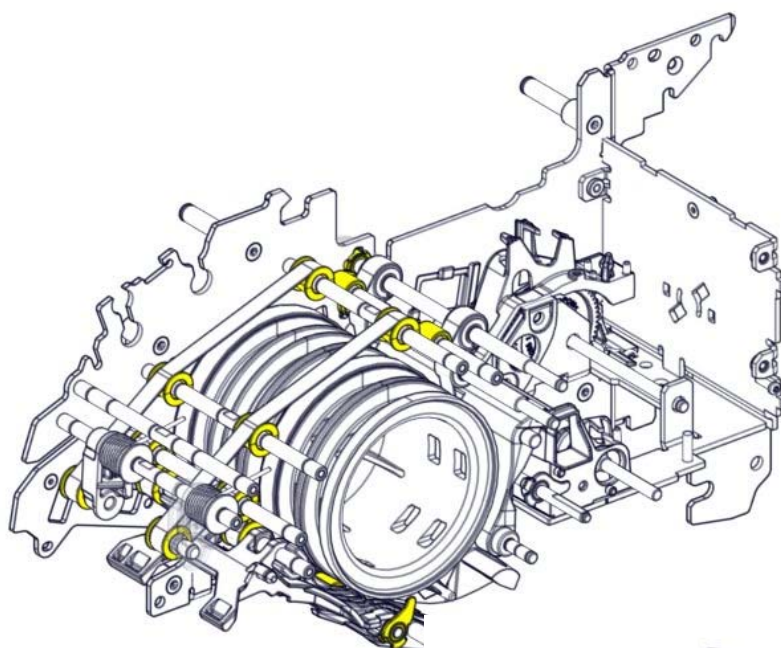
<i>Part Number</i>	984001118P20
<i>Designation</i>	S BNR, MMA-Light pipe BI.S1 Kit, PK20

Compatibility Statement	MMV18	MMV19	MMAAdv.
	X	X	✓



<i>Ref. To order</i>	984001118P20
<i>Packaging</i>	x 20 pieces
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-29-1	

Part Number	984005591P1		
Designation	S BNR, BU kit light closed loop, PK1		
Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



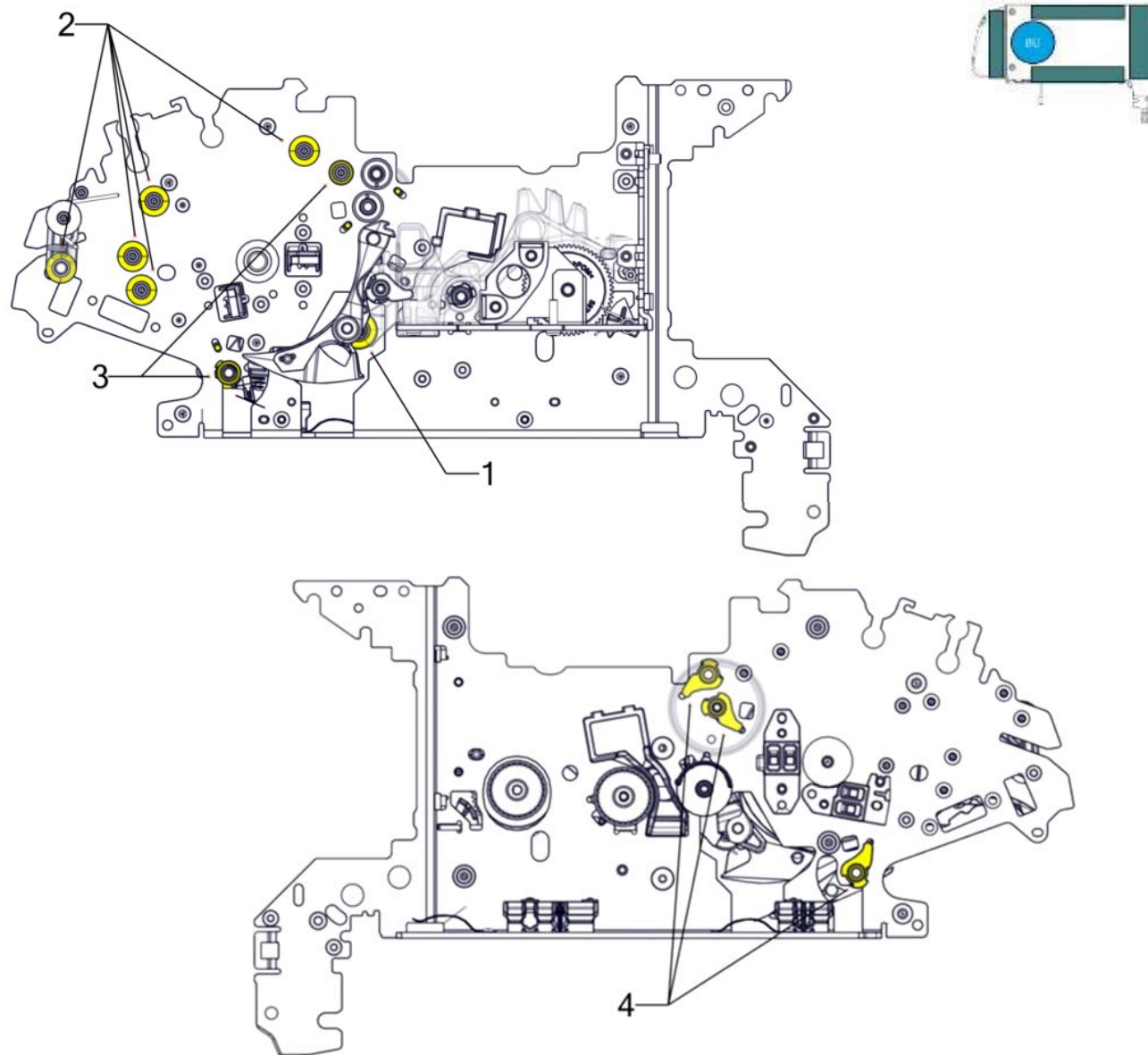
Ref. To order	984005591P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-30-1	

Part Number

984005591P1

Designation

S BNR, BU kit light closed loop, PK1



Ref. To order

984005591P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-30-2

Part Number

984005591P1

Designation

S BNR, BU kit light closed loop, PK1

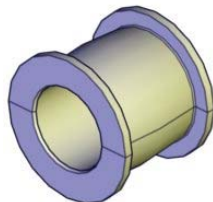
List of components

Item	PN	Designation	QTY	Add. remark
1	671096001	BU-wheel-D15-L10.3-d5-Iglidur-Assy	2	Not available separately
2	984004267	BU-wheel-flanged-D10-L10-d5-POM-Mk2	10	Not available separately
3	984006266	BU-wheel-D10-d5-L10-SUS-Mk2	4	Not available separately
4	666886001	MM-BU-DS-bushing	4	Available separately

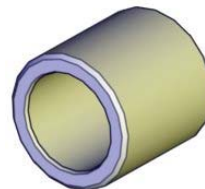
See "Technical Service Procedure - Bundler closed loop replacement", for parts exchange instruction.



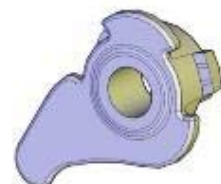
1



2



3



4

Ref. To order

984005591P1

Packaging

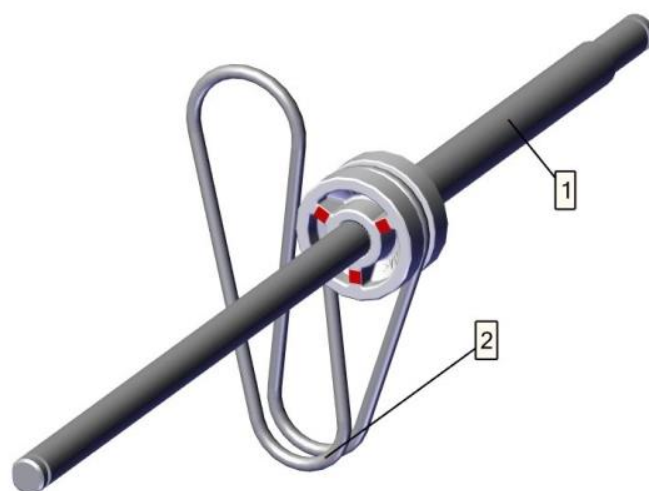
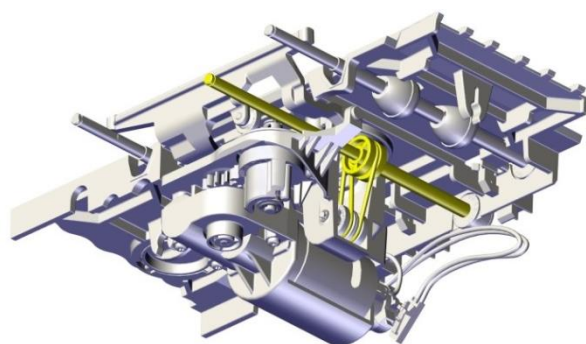
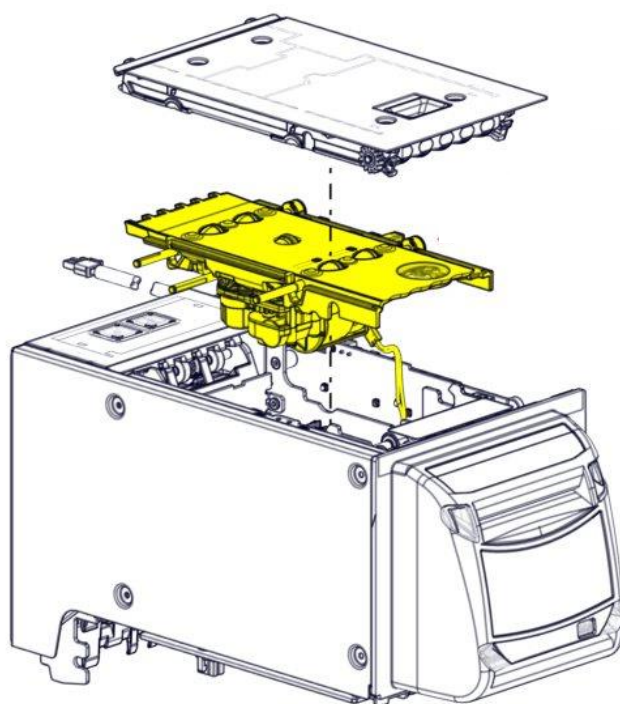
x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-30-3

Part Number	984009739P5		
Designation	S BNR, Positioner driving Oring kit, PK5		
Compatibility Statement	MMV18	MMV19	MMAdv.
	✓	✓	✓



Ref. To order	984009739P5
Packaging	x 5 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	

MM-KT-31-1

Part Number

984009739P5

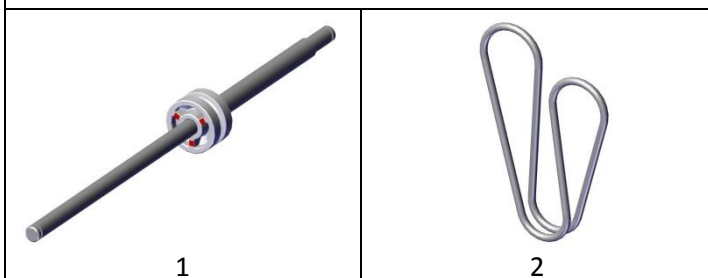
Designation

S BNR, Positioner driving Oring kit, PK5

List of components

Item	PN	Designation	QTY	Add. remark
1	667010001	PR-Driving assembly	1	Not available separately
2	953858001	PR-O-Ring-Grey	1	Not available separately

See "Technical Service Procedure – Positioner driving Oring replacement", for parts exchange instruction.



Ref. To order

984009739P5

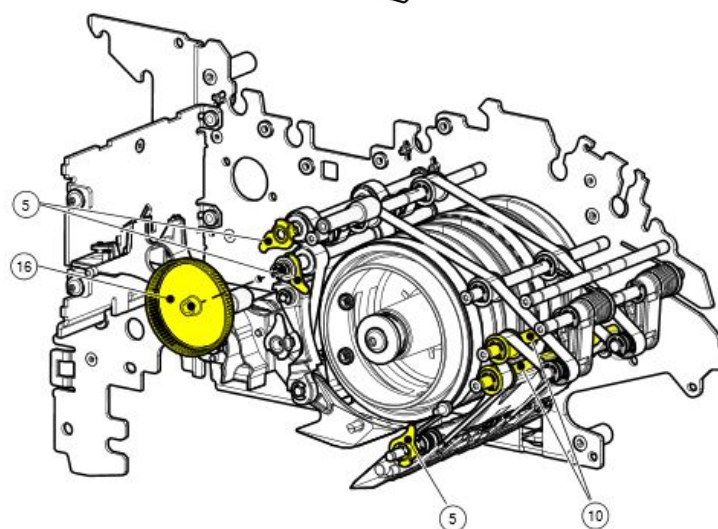
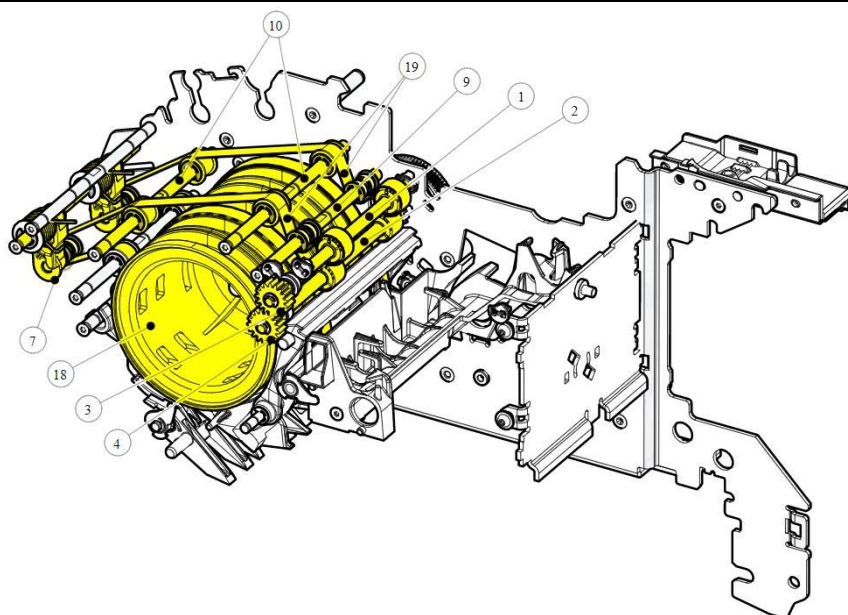
Packaging

x 5 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-31-2

Part Number	984001738P1		
Designation	S BNR, Bundler ball bearing kit, PK1		
Compatibility Statement	MMV18	MMV19	MMAAdv.
	✓	✓	✓



Ref. To order	984001738P1
Packaging	x 1 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-32-1	

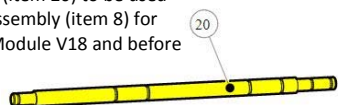
Part Number

984001738P1

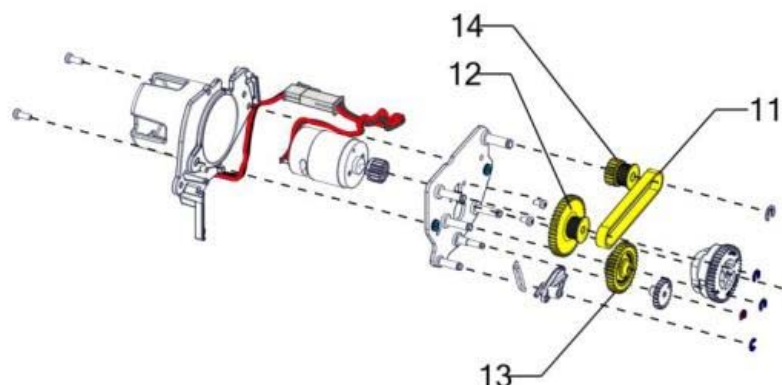
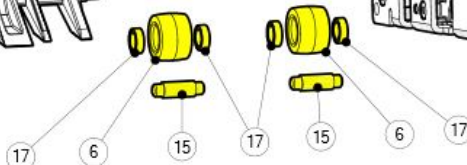
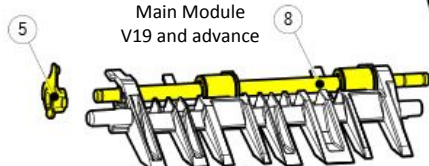
Designation

S BNR, Bundler ball bearing kit, PK1

Shaft (item 20) to be used
in assembly (item 8) for
Main Module V18 and before



Item 8 to be used for
Main Module
V19 and advance



Ref. To order

984001738P1

Packaging

x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-32-1



BNR Spare parts Catalogue - Main module



Part Number

984001738P1

Designation

S BNR, Bundler ball bearing kit, PK1

List of components

Item	PN	Designation	QTY	Add. remark
1	983810001	BU-shaft-ass-No.7-close-Loop	1	Not available separately
2	983823001	BU-shaft-ass-No.5-close-Loop	1	Not available separately
3	650468001	BU-gear 17t m0.8 -Driver	1	Not available separately
4	983836001	BU-gear 17t m0.8 – Follower – Igus assy	1	Not available separately
5	666886001	MM-BU-DS-bushing	4	Available separately
6	984009599	BU-wheel-D15-L10.3-d5-POM_BB	2	Not available separately
7	984007735	BU-shaft-ass-No.3_BB	1	Not available separately
8	984003830	BU-shaft-Assy-No.4_BB	1	Not available separately
9	984005736	BU-shaft-ass-No.2_BB	1	Not available separately
10	984003737	BU-Shaft-Assy-No.6_BB	4	Not available separately
11	665092001	BU-mxl-75t-belt	1	Available separately
12	650060001	BU-gear-43t-pulley-mxl-20t	1	Not available separately
13	650057001	BU-gear-35t-17t-m0.8	1	Not available separately
14	650073001	BU-gear-17t-pulley-mxl-20t	1	Not available separately
15	984001831	BU-short-shaft_BB	2	Not available separately
16	649985001	BU-coding wheel 82 step	1	Available separately
17	984004740	Ball Bearing 5x7x2.5	4	Not available separately
18	984003293	BU-Drum-Assy_Mk2	1	Not available separately
19	651838001	BU-Inner-endless-belt	2	Not available separately
20	658084001	BU-SHAFT-HINGE-STOPPER	1	Not available separately

See "Technical Service Procedure - Bundler ball bearing replacement", for parts exchange instruction.

Ref. To order

984001738P1

Packaging

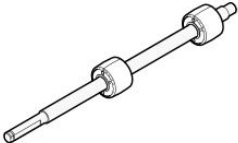
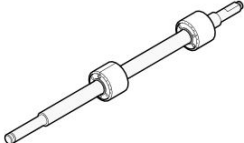
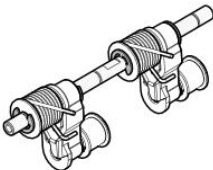
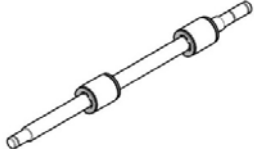
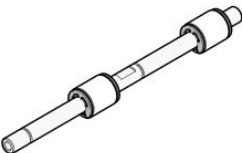
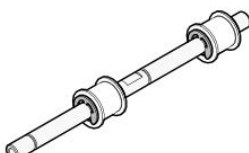
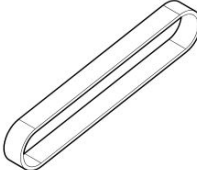
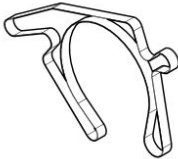
x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:

<http://www.cranepi.com/>

MM-KT-32-1

Part Number	984001738P1
Designation	S BNR, Bundler ball bearing kit, PK1

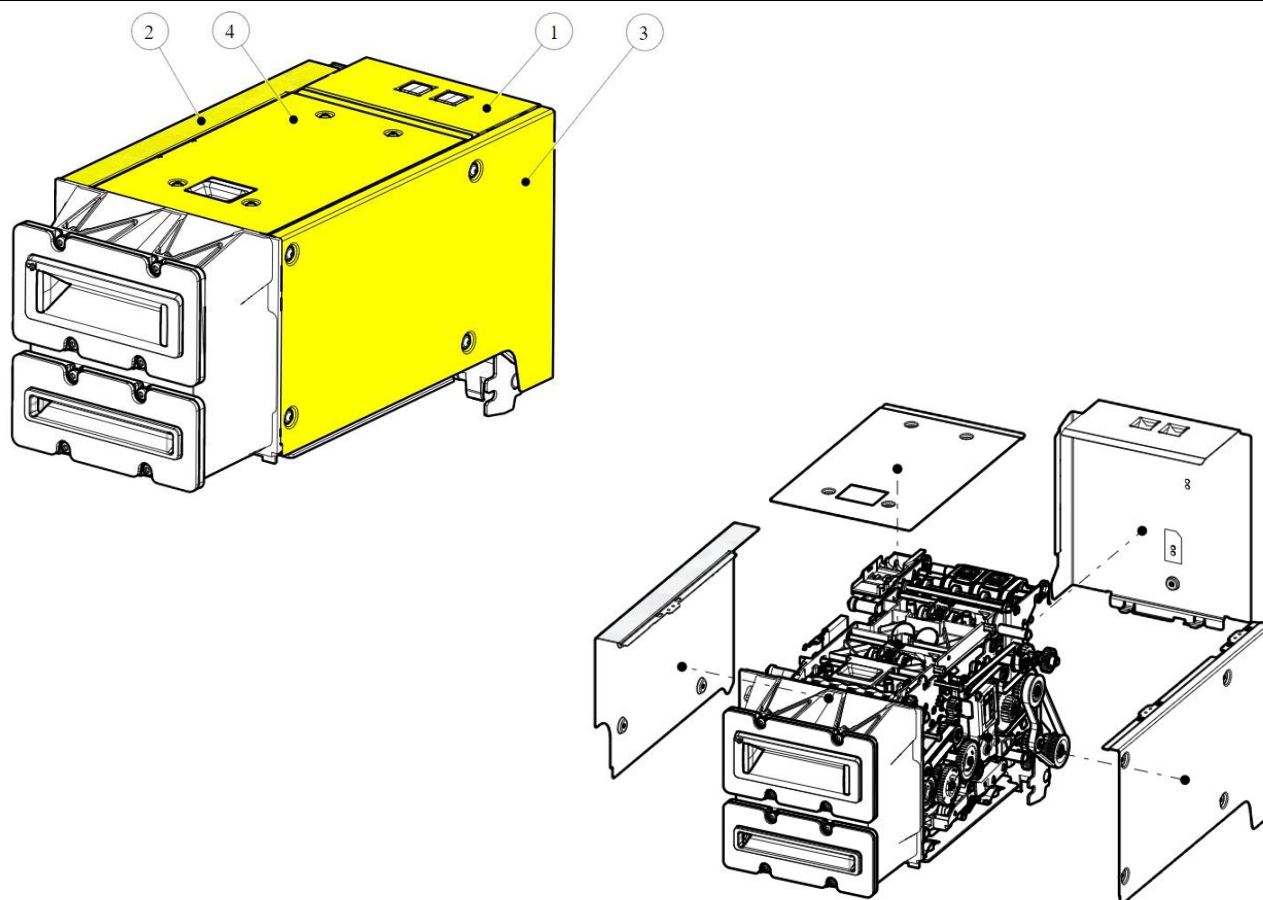
			
1	2	3	4
			
5	6	7	8
			
9	10	11	12
			
13	14	15	16
			
17	18	19	20

Ref. To order	984001738P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-32-1

Part Number	984002908P1		
Designation	S BNR, MMA cover kit (BNR Select), PK1		
Compatibility Statement	MMV18	MMV19	MMAdv.
	X	X	✓



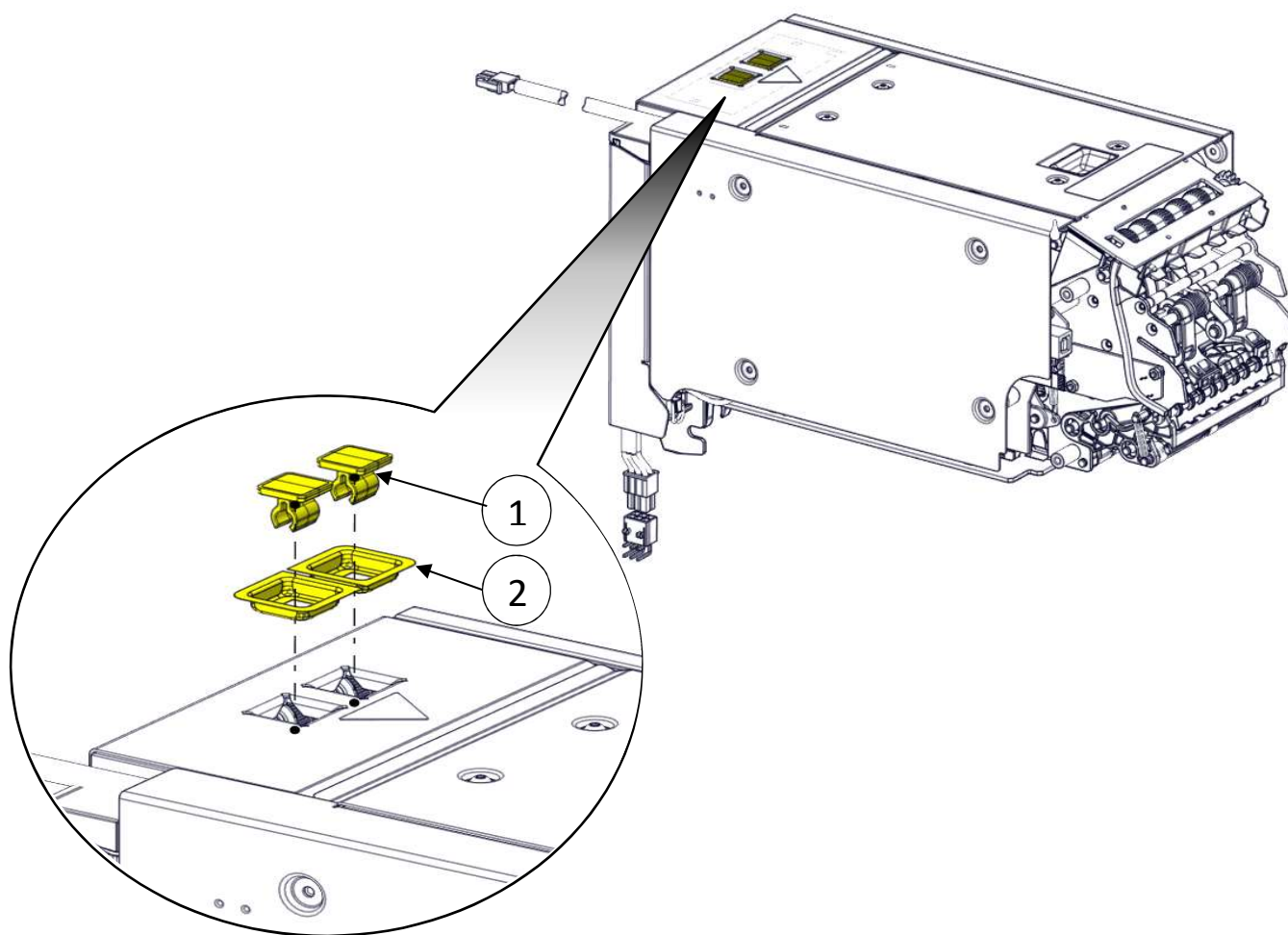
Item	PN	Designation	QTY	Add. remark
1	984004767	HI-cover-Black	1	
2	984008765	MM-left cover_Mk2-Black	1	
3	984006766	MM-right cover-Black	1	
4	984000786	BI-cover-Black	1	

Ref. To order	984002908P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-33-1

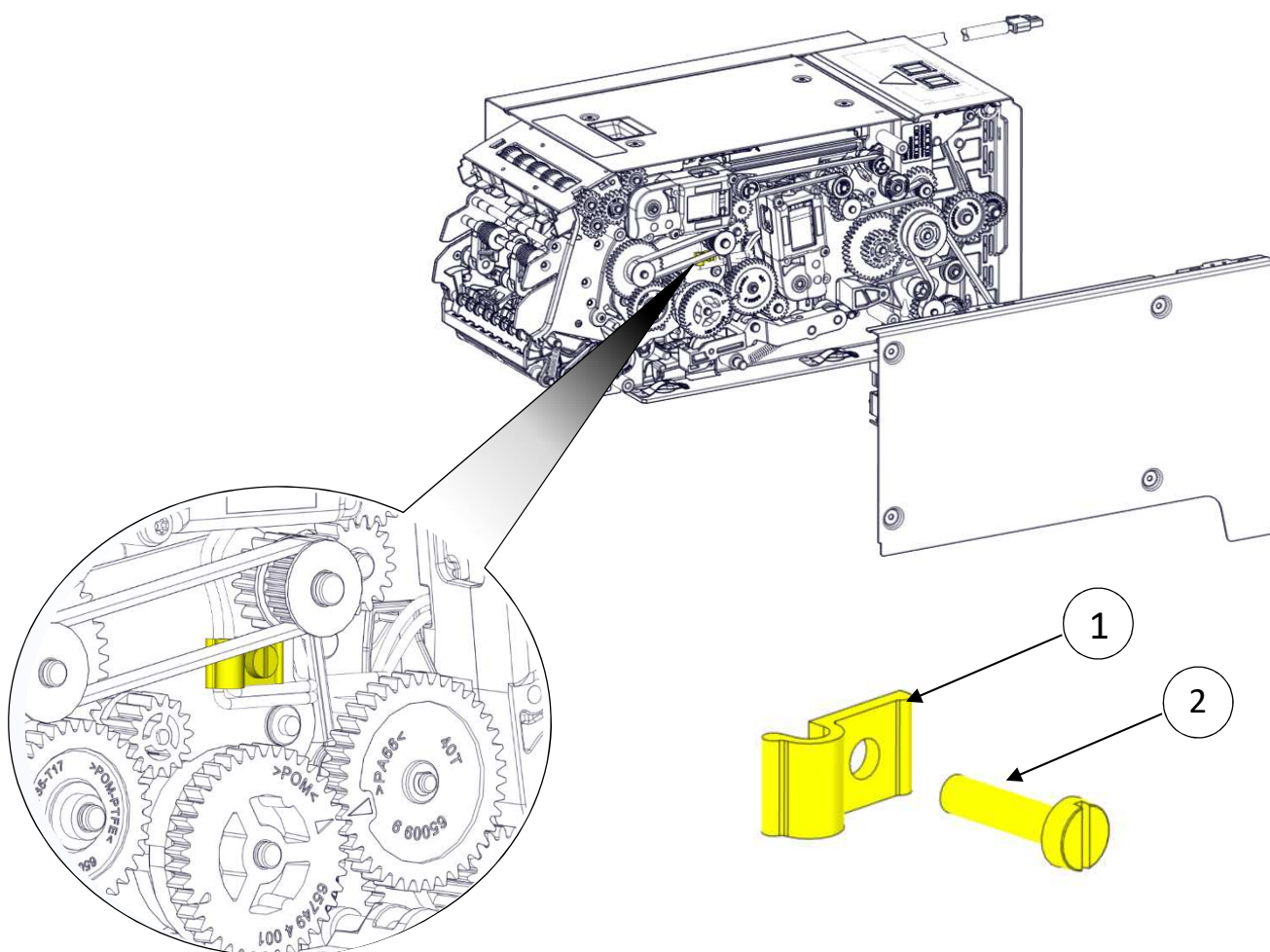
Part Number	984006629P10		
Designation	S BNR, MM HI-Rear Button, PK10		
Compatibility Statement	MMV18	MMV19	MM Adv.
	✓	✓	✓



Item	PN	Designation	QTY	Add. remark
1	649812001	HI-OPENING BUTTON	1	Not available separately
2	673030001	HI-OPENING CAP	1	Not available separately

Ref. To order	984006629P10
Packaging	x 10 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-34-1	

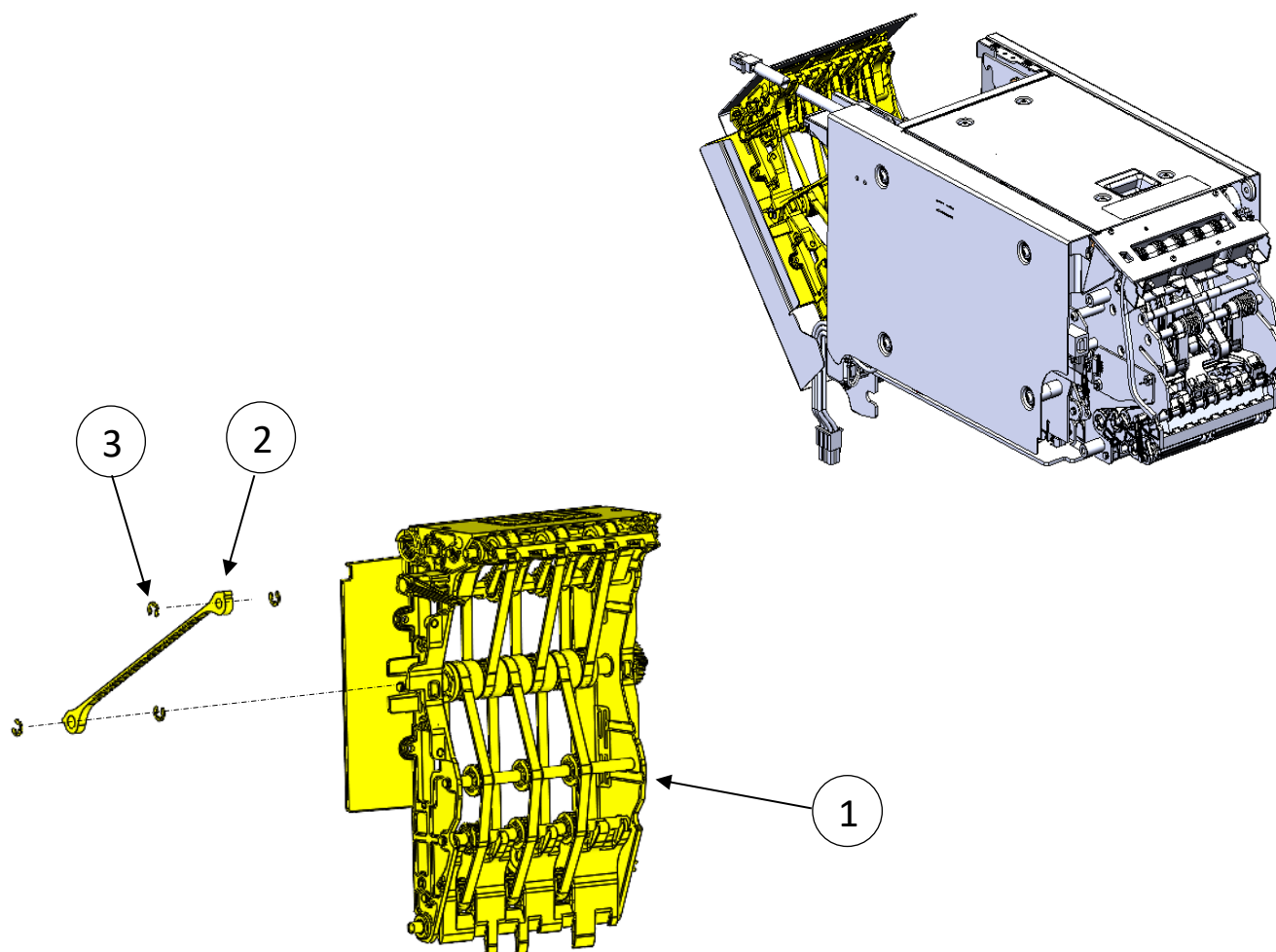
Part Number	984008628P50		
Designation	S BNR, MM BU-motor cable clamp KIT, PK50		
Compatibility Statement	MMV18	MMV19	MM Adv.
	✓	✓	✓



Item	PN	Designation	QTY	Add. remark
1	668260001	CLAMP- HALF U	1	Not available separately
2	679003101	SLOTTED CHEESE HEAD SCREW PA M3X12	1	Not available separately

Ref. To order	984008628P50
Packaging	x 50 piece
For questions about this spare part, please find your preferred contact on our web site: http://www.cranepi.com/	
MM-KT-35-1	

Part Number	984003276P1		
Designation	S BNR, MMA-HI-REAR CHASSIS ASSEMBLY, PK1		
Compatibility Statement	MMV18	MMV19	MM Adv.
	X	X	✓



Item	PN	Designation	QTY	Add. remark
1	984003276	HI-chassis rear-assy_Mk2	1	Not available separately
2	984005292	HI-door strip-assy_Mk2	1	Not available separately
3	667009103	Circlip-3.2 for shaft	4	Not available separately

Ref. To order	984003276P1
Packaging	x 1 piece

For questions about this spare part,
please find your preferred contact on our web site:
<http://www.cranepi.com/>

MM-KT-36-1