ROBOTICS

Product manual, spare parts

IRB 1100

Trace back information:
Workspace 23B version a17
Checked in 2023-06-29
Skribenta version 5.5.019

Product manual, spare parts

IRB 1100-4/0.475
IRB 1100-4/0.58

OmniCore

Document ID: 3HAC064994-001

Revision: K

© Copyright 2019-2023 ABB. All rights reserved.
Specifications subject to change without notice.

The information in this manual is subject to change without notice and should not be construed as a commitment by ABB. ABB assumes no responsibility for any errors that may appear in this manual.

Except as may be expressly stated anywhere in this manual, nothing herein shall be construed as any kind of guarantee or warranty by ABB for losses, damage to persons or property, fitness for a specific purpose or the like.

In no event shall ABB be liable for incidental or consequential damages arising from use of this manual and products described herein.

This manual and parts thereof must not be reproduced or copied without ABB's written permission.

Keep for future reference.

Additional copies of this manual may be obtained from ABB.

Original instructions.

© Copyright 2019-2023 ABB. All rights reserved.
Specifications subject to change without notice.

Table of contents

Overview of this manual 7
Product documentation 9

1 Spare parts and exploded views 11

1.1 Spare parts - electrical parts 12
1.1.1 Manipulator cable harness 12
1.1.2 Manipulator cable harness parts 15
1.1.3 SMB unit 16
1.2 Spare parts - base 17
1.2.1 Base 17
1.2.2 Base parts 18
1.3 Spare parts - swing 20
1.3.1 Swing 20
1.3.2 Swing parts 21
1.4 Spare parts - lower arm 22
1.4.1 Lower arm 22
1.4.2 Lower arm parts 23
1.5 Spare parts - housing 24
1.6 Spare parts - extender unit 26
1.7 Spare parts - wrist 28
1.8 Spare parts - motors 29
1.8.1 Axis-1 motor 29
1.8.2 Axis-2 motor 30
1.8.3 Axis-3 motor 31
1.8.4 Axis-4 motor 32
1.8.5 Axis-5 and axis-6 motors 33
1.9 Spare parts - gearboxes 34
1.9.1 Axis-1 gearbox 34
1.9.2 Axis-2 gearbox 35
1.9.3 Axis-3 gearbox 37
1.9.4 Axis-4 gearbox 39
1.10 Spare parts - Accessories 41
1.10.1 Axis Calibration items 41
1.10.2 Special tools 44

© Copyright 2019-2023 ABB. All rights reserved.

This page is intentionally left blank

Overview of this manual

About this manual

This manual contains spare parts for:

- IRB 1100 and all its variants.

Usage

This manual shall be used as a complement to the product manual for IRB 1100 during:

- maintenance work
- repair work.

Who should read this manual?

This manual is intended for:

- maintenance personnel
- repair personnel.

Prerequisites

Maintenance/repair/installation personnel working with an ABB Robot must:

- be trained by ABB and have the required knowledge of mechanical and electrical installation/repair/maintenance work.

Organization of chapters

The manual is organized in the following chapters:

Chapter	Contents
1 Spare parts and exploded view	Complete spare part list and complete list of robot components shown in exploded views.

References

Reference	Document ID
Product manual - IRB 1100	*3HAC064992-001*
Circuit diagram - IRB 1100	*3HAC066314-009*

Revisions

Revision	Description
A	First edition.
B	Published in release 19D. The following updates are done in this revision: • Corrected the robot type.
C	Published in release 20A. The following updates are done in this revision: • Added spare part O-rings that are on axis-2, -3, and -4 gearboxes.
D	Published in release 20B. The following updates are done in this revision: • Removed spare part O-rings that are on axis-2, -3, and -4 gearboxes because they are not used for protection class IP40. • Supported controller OmniCore C90XT is added.

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

Continued

Revision	Description
E	Published in release 20C. The following updates are done in this revision: • Spare parts of protection class IP67 (option 3350-670) and protection type Clean Room (option 3351-4) added.
F	Published in release 20D. The following updates are done in this revision: • Updated figures.
G	Published in release 21A. The following updates are done in this revision: • Updated spare part article number of axis-1 radial sealing from 3HAB3701-41 to 3HAC070148-005. • Updated spare part list table of axis-5 and -6 motors.
H	Published in release 21C. The following updates are done in this revision: • Added spare part parallel pin on extender unit.
J	Published in release 22C. The following updates are done in this revision: • Updated spare part numbers for axes 1-6 motors.
K	Published in release 23B. The following updates are done in this revision: • Updated spare part list of swing parts.

© Copyright 2019-2023 ABB. All rights reserved.

Product documentation

Categories for user documentation from ABB Robotics

The user documentation from ABB Robotics is divided into a number of categories. This listing is based on the type of information in the documents, regardless of whether the products are standard or optional.

Tip

All documents can be found via myABB Business Portal, *www.abb.com/myABB*.

Product manuals

Manipulators, controllers, DressPack/SpotPack, and most other hardware is delivered with a **Product manual** that generally contains:

- Safety information.
- Installation and commissioning (descriptions of mechanical installation or electrical connections).
- Maintenance (descriptions of all required preventive maintenance procedures including intervals and expected life time of parts).
- Repair (descriptions of all recommended repair procedures including spare parts).
- Calibration.
- Troubleshooting.
- Decommissioning.
- Reference information (safety standards, unit conversions, screw joints, lists of tools).
- Spare parts list with corresponding figures (or references to separate spare parts lists).
- References to circuit diagrams.

Technical reference manuals

The technical reference manuals describe reference information for robotics products, for example lubrication, the RAPID language, and system parameters.

Application manuals

Specific applications (for example software or hardware options) are described in **Application manuals**. An application manual can describe one or several applications.

An application manual generally contains information about:

- The purpose of the application (what it does and when it is useful).
- What is included (for example cables, I/O boards, RAPID instructions, system parameters, software).
- How to install included or required hardware.
- How to use the application.

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

Continued

- Examples of how to use the application.

Operating manuals

The operating manuals describe hands-on handling of the products. The manuals are aimed at those having first-hand operational contact with the product, that is production cell operators, programmers, and troubleshooters.

© Copyright 2019-2023 ABB. All rights reserved.

1 Spare parts and exploded views

Spare part level

ABB spare parts are categorized into two levels, L1 and L2. Always check the part level before conducting a service work on a spare part.

- L1 spare parts

  The L1 parts can be replaced in the field. The maintenance and replacement instructions given in the related product manuals must be strictly followed. If there are any problems, contact your local ABB for support.

- L2 spare parts

  To replace the L2 parts require specialized training and might need special tools. Only ABB field service personnel or qualified personnel trained by ABB can replace L2 parts.

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

1.1 Spare parts - electrical parts

1.1.1 Manipulator cable harness

Spare part list

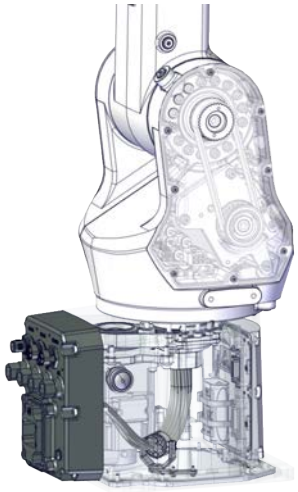
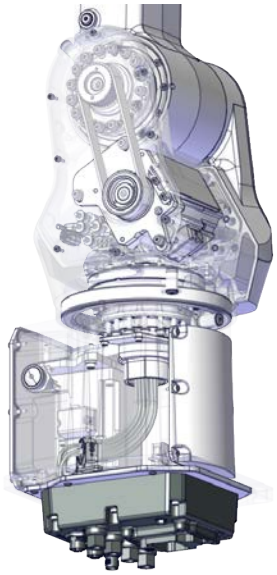
	Spare part number	Description	Stand-ard (IP40)	IP67	Clean Room	Spare part level
A	3HAC075521-001	Lower cable harness, basic	X	X		L2
	3HAC075522-001	Lower cable harness (CP/CS and air hose, without Ethernet)	X	X		L2
	3HAC075523-001	Lower cable harness (CP/CS and air hose, with Ethernet)	X	X		L2
	3HAC075514-001	Lower cable harness, basic, Clean Room			X	L2
	3HAC075515-001	Lower cable harness, Clean Room (CP/CS and air hose, without Ethernet)			X	L2
	3HAC075581-001	Lower cable harness, Clean Room (CP/CS and air hose, with Ethernet)			X	L2
B	3HAC060419-001	Upper cable harness, basic Used with IRB 1100-4/0.475.	X	X	X	L2
	3HAC060419-002	Upper cable harness (CP/CS and air hose, without Ethernet) Used with IRB 1100-4/0.475.	X	X	X	L2
	3HAC060419-003	Upper cable harness (CP/CS and air hose, with Ethernet) Used with IRB 1100-4/0.475.	X	X	X	L2
C	3HAC060416-001	Extension upper cable harness, basic Used with IRB 1100-4/0.58.	X	X	X	L2
	3HAC060416-002	Extension upper cable harness (CP/CS and air hose, without Ethernet) Used with IRB 1100-4/0.58.	X	X	X	L2
	3HAC060416-003	Extension upper cable harness (CP/CS and air hose, with Ethernet) Used with IRB 1100-4/0.58.	X	X	X	L2
D	3HAC069094-001	Process hub, basic	X	X		L2
	3HAC069095-001	Process hub (CP/CS and air hose, without Ethernet)	X	X		L2
	3HAC069096-001	Process hub (CP/CS and air hose, with Ethernet)	X	X		L2
	3HAC075509-001	Process hub, basic, Clean Room			X	L2
	3HAC075510-001	Process hub, Clean Room (CP/CS and air hose, without Ethernet)			X	L2
	3HAC075511-001	Process hub, Clean Room (CP/CS and air hose, with Ethernet)			X	L2
E	3HAC065352-001	Gasket for process hub		X	X	L1

Continues on next page

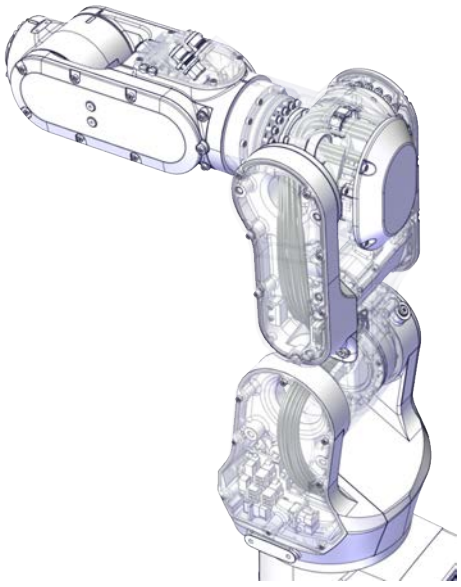
© Copyright 2019-2023 ABB. All rights reserved.

Spare part illustration

Lower cable harness

	Rear connector interface	Bottom connector interface
A	 xx1800003490	 xx1800003511

Upper cable harness

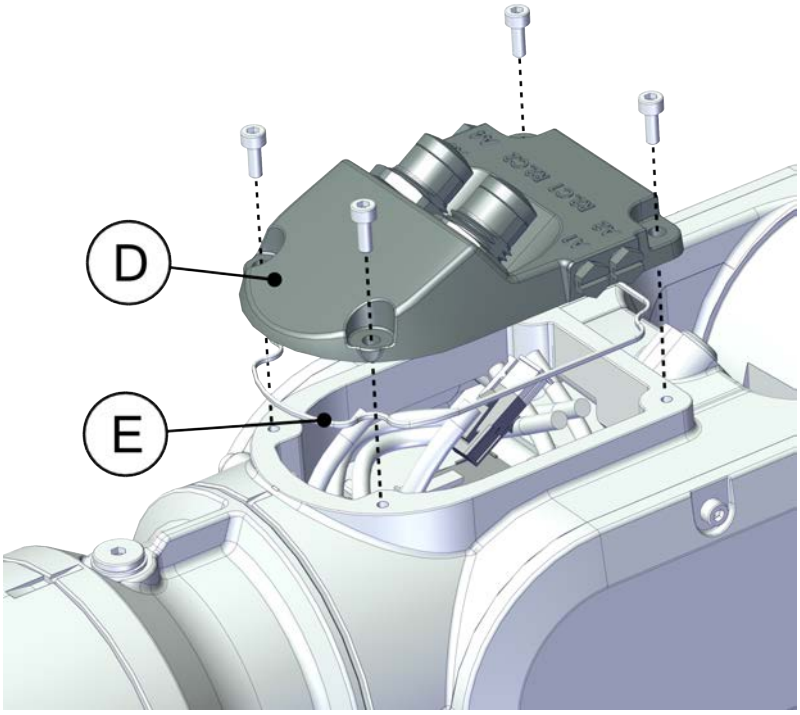
B: IRB 1100-4/0.475	C: IRB 1100-4/0.58
 xx1800003513	xx1800003489

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

1.1.1 Manipulator cable harness
Continued

Process hub



xx1800003491

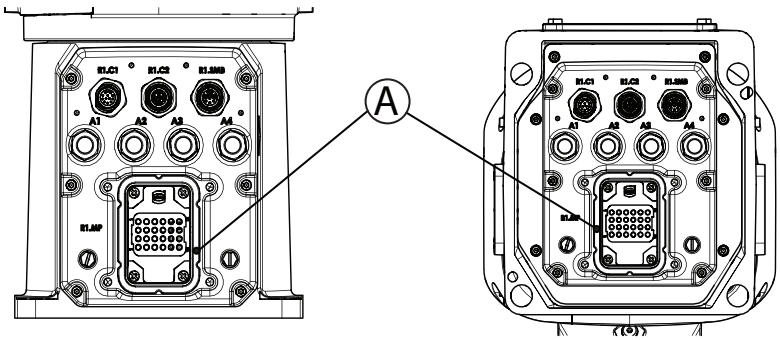
© Copyright 2019-2023 ABB. All rights reserved.

1.1.2 Manipulator cable harness parts

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAB3772-19	O-ring		X	X	L2
-	3HAC044906-001	One-way valve		X	X	L2
-	3HAC066098-001	M12 CPCS Male straight connector kits	X	X	X	L1
-	3HAC066099-001	M12 CPCS Male angled connector kits	X	X	X	L1
-	3HAC067413-001	M12 Ethernet Cat5e Male straight connector kits	X	X	X	L1
-	3HAC067414-001	M12 Ethernet Cat5e Male angled connector kits	X	X	X	L1

Spare part illustration



xx1900002208

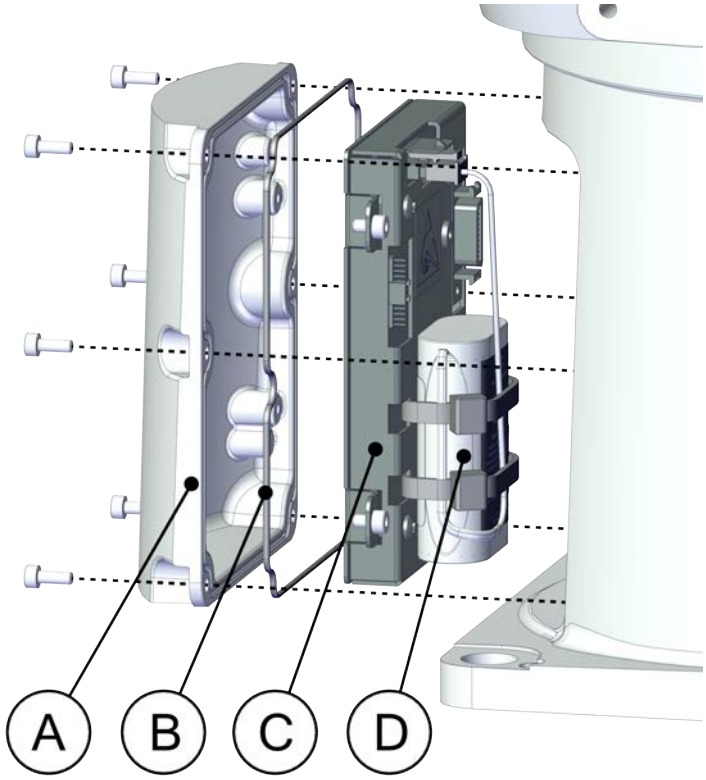
© Copyright 2019-2023 ABB. All rights reserved.

1.1.3 SMB unit

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069060-001	SMB cover	X	X		L1
	3HAC075506-001	SMB cover, Clean Room			X	L1
B	3HAC065344-001	Gasket for SMB cover		X	X	L1
C	3HAC063968-001	Serial measurement unit	X	X	X	L2
D	3HAC044075-001	Battery pack	X	X	X	L2

Spare part illustration



xx1800003492

© Copyright 2019-2023 ABB. All rights reserved.

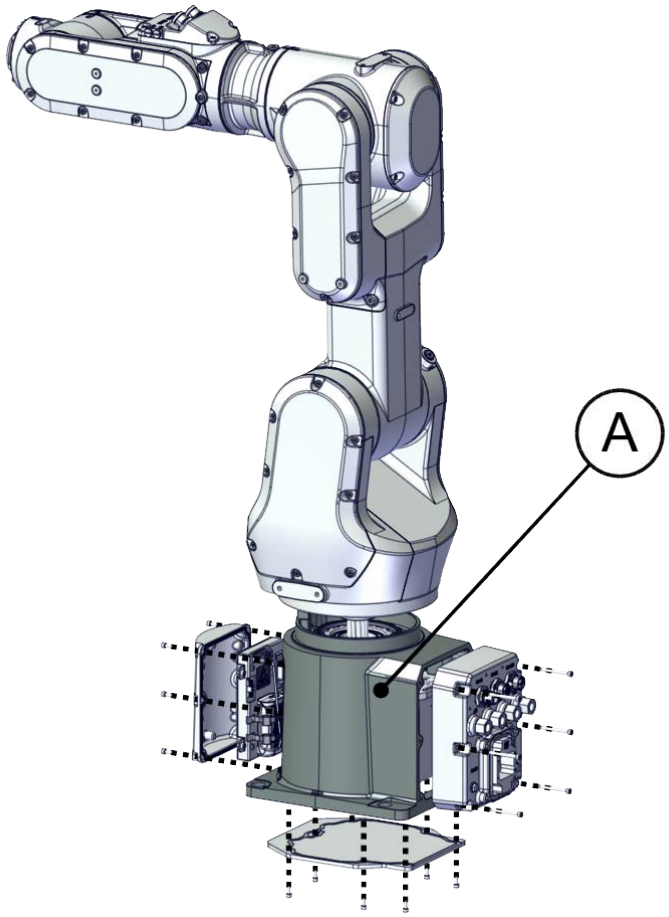
1.2 Spare parts - base

1.2.1 Base

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069048-001	Base	X			L2
	3HAC074270-001	Base with sealing ring		X		L2
	3HAC075488-001	Base with sealing ring, Clean Room			X	L2

Spare part illustration



xx1800003493

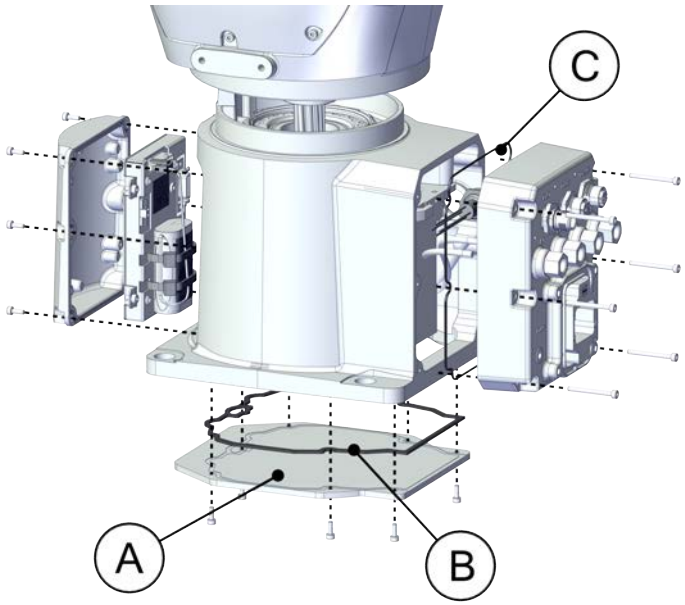
© Copyright 2019-2023 ABB. All rights reserved.

1.2.2 Base parts

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC060463-001	Base bottom cover Standard configuration, used for robots with rear connector interface.	X	X	X	L1
B	3HAC065345-001	Gasket for base bottom		X	X	L1
C	3HAC065350-001	Gasket for base rear		X	X	L1
D	3HAC070312-001	Base rear cover Used for robots with bottom connector interface.	X	X		L1
	3HAC075513-001	Base rear cover, Clean Room Used for robots with bottom connector interface. Used with protection type Clean Room.			X	L1
E	3HAC070313-001	Base adapter Used for robots with bottom connector interface.	X	X		L2
	3HAC075793-001	Base adapter, Clean Room Used for robots with bottom connector interface. Used with protection type Clean Room.			X	L2

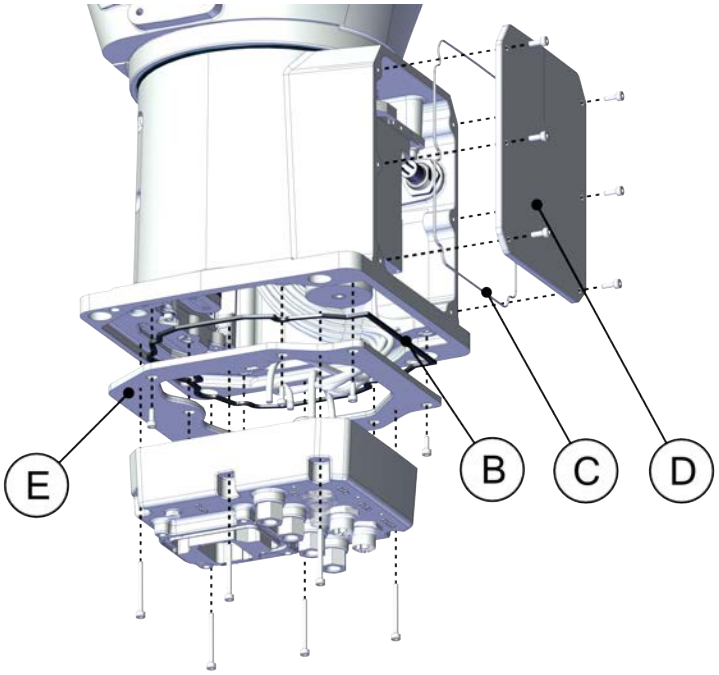
Spare part illustration



xx1800003494

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.



xx1800003512

© Copyright 2019-2023 ABB. All rights reserved.

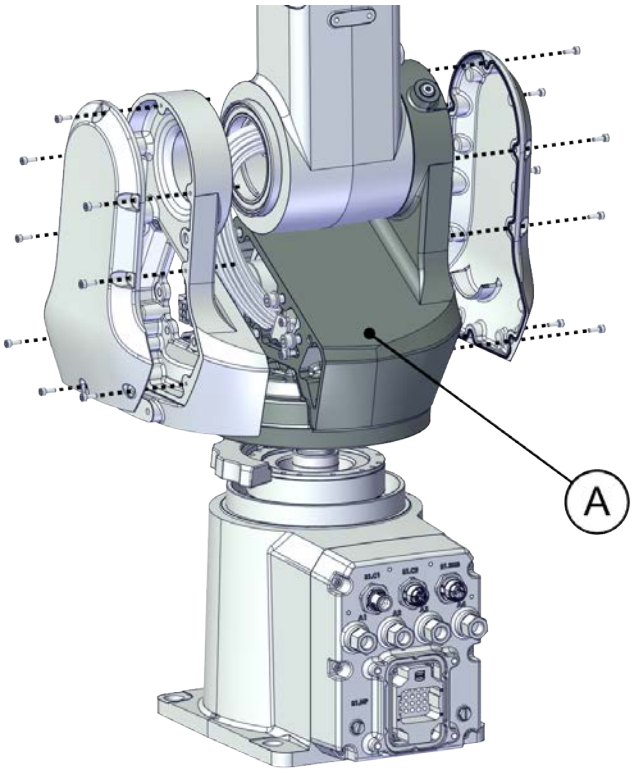
1.3 Spare parts - swing

1.3.1 Swing

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069050-001	Swing	X	X		L2
	3HAC075497-001	Swing, Clean Room			X	L2

Spare part illustration



xx1800003495

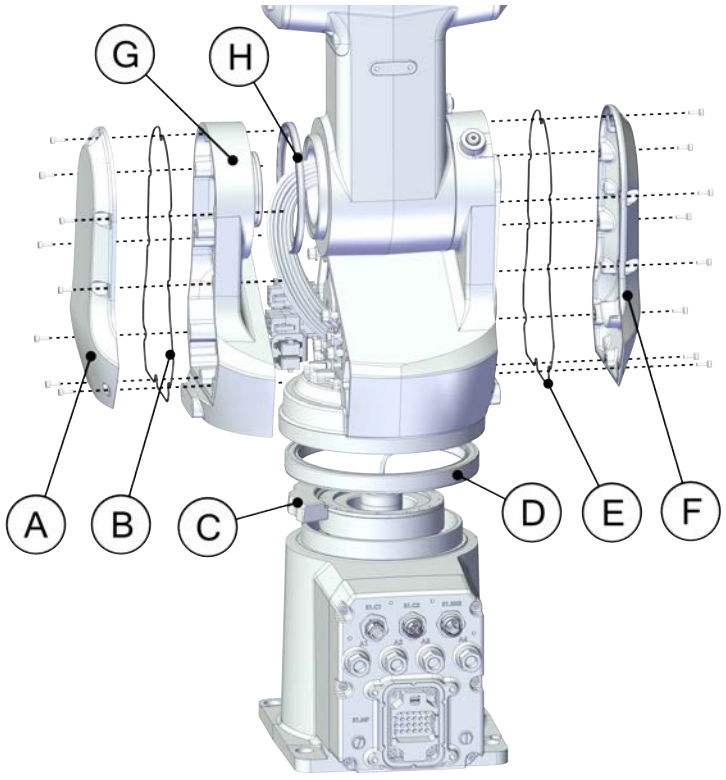
© Copyright 2019-2023 ABB. All rights reserved.

1.3.2 Swing parts

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069052-001	Swing support cover	X	X		L1
	3HAC075500-001	Swing support cover, Clean Room			X	L1
B	3HAC065317-001	Gasket for swing support cover		X	X	L1
C	3HAC061947-001	Mechanical stop, axis 1	X	X	X	L2
D	3HAC070148-005	Axis-1 radial sealing		X	X	L2
E	3HAC061959-003	Gasket for swing cover		X	X	L1
F	3HAC069051-001	Swing cover	X	X		L1
	3HAC075498-001	Swing cover, Clean Room			X	L1
G	3HAC069039-001	Swing support	X	X		L2
	3HAC075499-001	Swing support, Clean Room			X	L2
H	3HAB3701-70	Axis-2 radial sealing		X	X	L2

Spare part illustration



xx1800003496

© Copyright 2019-2023 ABB. All rights reserved.

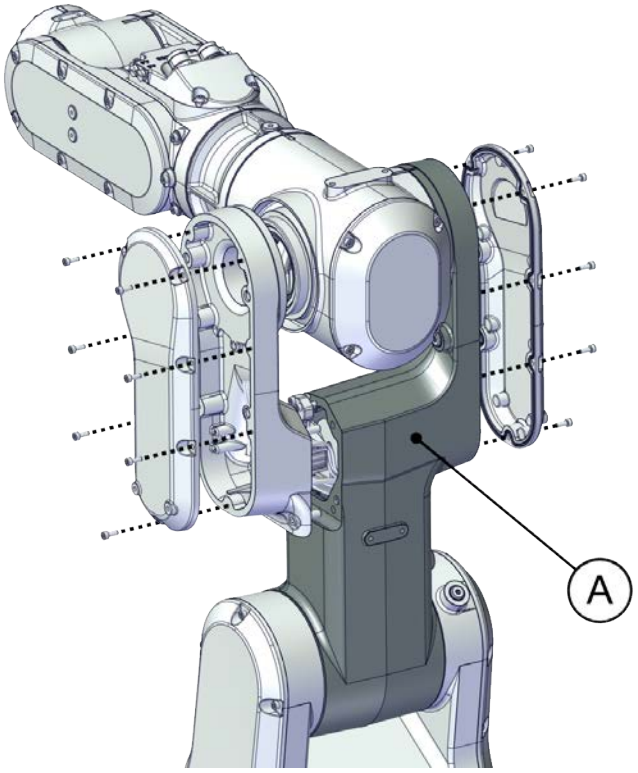
1.4 Spare parts - lower arm

1.4.1 Lower arm

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069055-001	Lower arm (IRB 1100-4/0.475)	X			L2
	3HAC074271-001	Lower arm with sealing ring (IRB 1100-4/0.475)		X		L2
	3HAC075491-001	Lower arm with sealing ring, Clean Room (IRB 1100-4/0.475)			X	L2
	3HAC069056-001	Lower arm (IRB 1100-4/0.58)	X			L2
	3HAC074273-001	Lower arm with sealing ring (IRB 1100-4/0.58)		X		L2
	3HAC075490-001	Lower arm with sealing ring, Clean Room (IRB 1100-4/0.58)			X	L2

Spare part illustration



xx1800003497

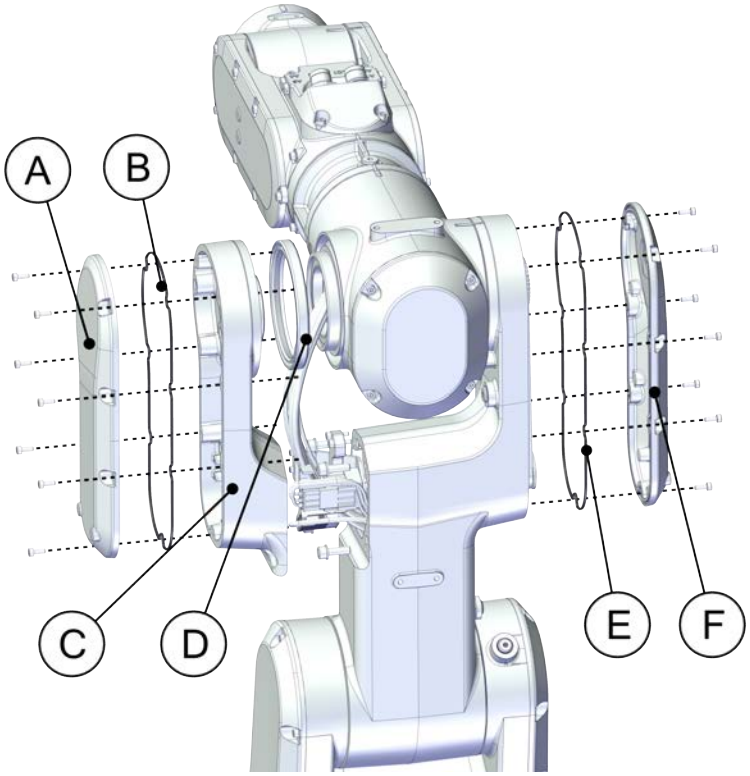
© Copyright 2019-2023 ABB. All rights reserved.

1.4.2 Lower arm parts

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069059-001	Lower arm support cover	X	X		L1
	3HAC075505-001	Lower arm support cover, Clean Room			X	L1
B	3HAC065331-001	Gasket for lower arm support cover		X	X	L1
C	3HAC069058-001	Lower arm support	X	X		L2
	3HAC075504-001	Lower arm support, Clean Room			X	L2
D	3HAB3701-57	Axis-3 radial sealing		X	X	L2
E	3HAC061959-006	Gasket for lower arm cover		X	X	L1
F	3HAC069057-001	Lower arm cover	X	X		L1
	3HAC075503-001	Lower arm cover, Clean Room			X	L1

Spare part illustration



xx1800003498

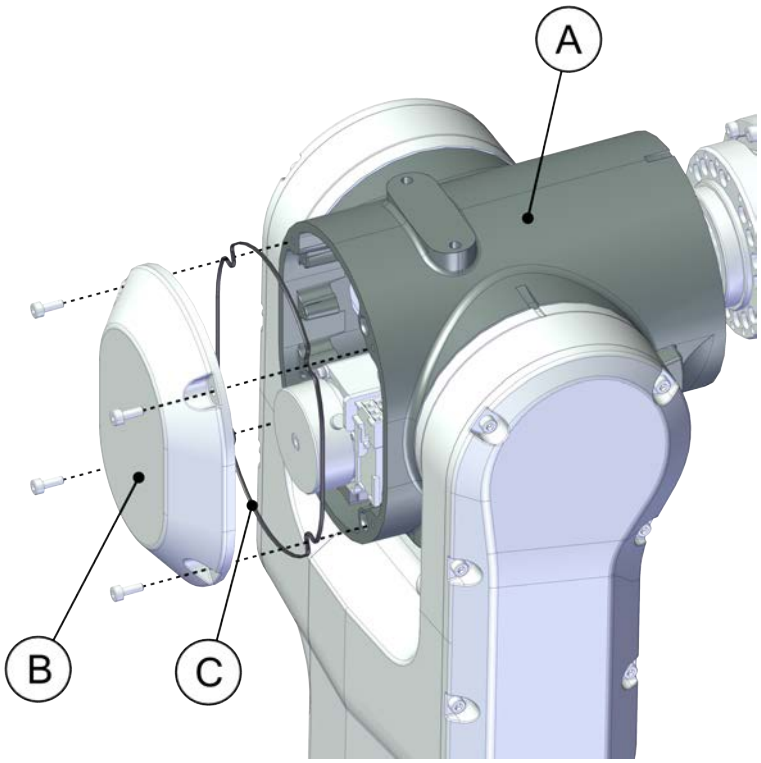
© Copyright 2019-2023 ABB. All rights reserved.

1.5 Spare parts - housing

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069053-001	Housing	X			L2
	3HAC074272-001	Housing with sealing ring		X		L2
	3HAC075489-001	Housing, Clean Room			X	L2
B	3HAC069054-001	Housing cover	X	X		L1
	3HAC075501-001	Housing cover, Clean Room			X	L1
C	3HAC061959-007	Gasket for housing cover		X	X	L1
D	3HAC064147-001	Rubber sealing washer on housing		X	X	L1
E	3HAC064146-001	Plug screw	X	X		L1
	3HAC070309-001	Plug screw, Clean Room			X	L1

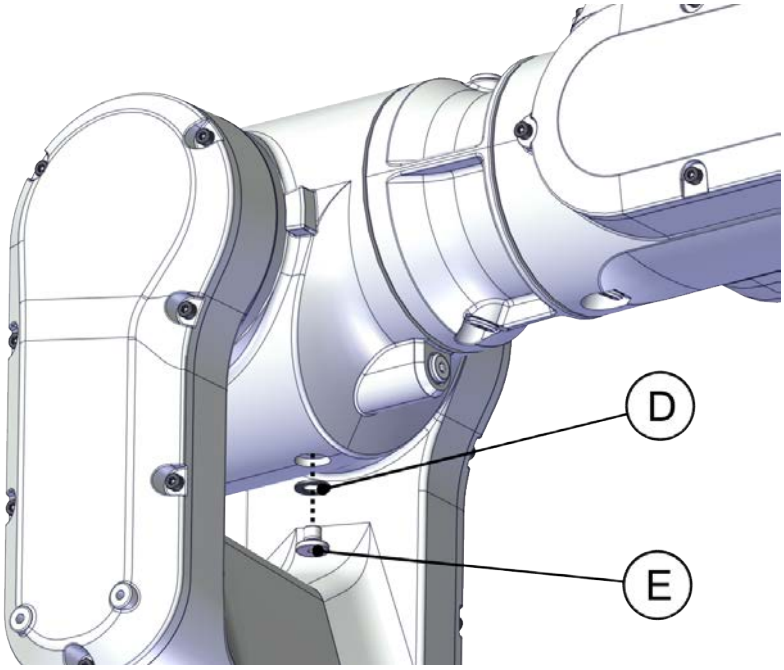
Spare part illustration



xx1800003499

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.



xx1900002212

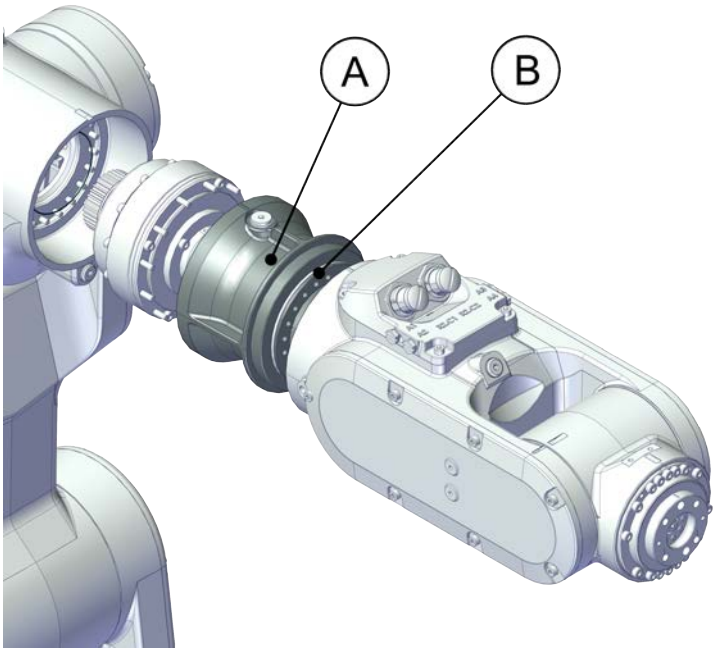
© Copyright 2019-2023 ABB. All rights reserved.

1.6 Spare parts - extender unit

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069037-001	Extender unit Used for IRB 1100-4/0.58.	X	X		L2
	3HAC075508-001	Extender unit, Clean Room Used for IRB 1100-4/0.58. Used with protection type Clean Room.			X	L2
B	3HAB3772-115	O-ring		X	X	L2
C	3HAC064146-001	Plug screw	X	X		L1
	3HAC070309-001	Plug screw, Clean Room			X	L1
D	3HAC067995-001	Rubber sealing washer on extender unit		X	X	L1
E	3HAC050369-032	Parallel pin	X	X	X	L2

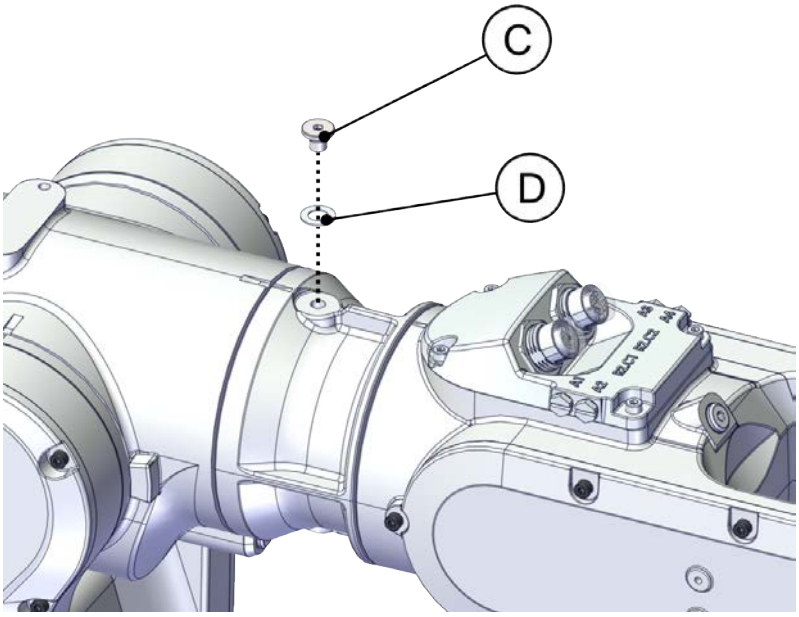
Spare part illustration



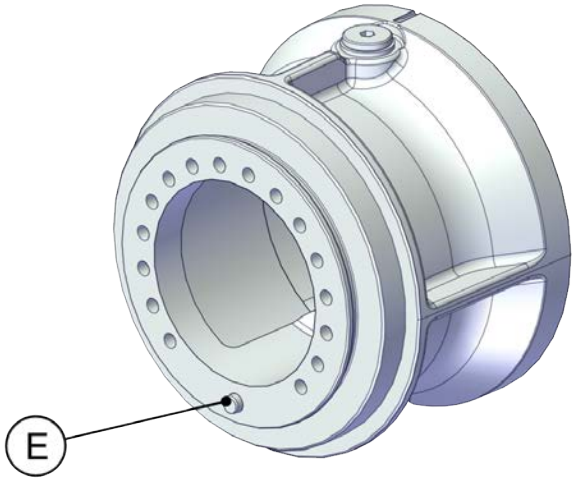
xx1800003500

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.



xx2000000369



xx2100001506

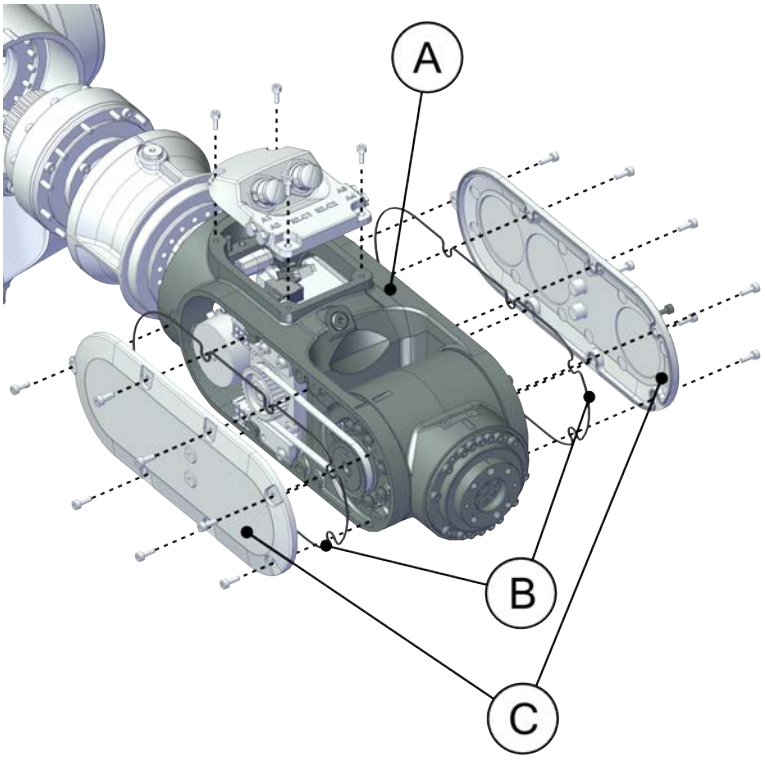
© Copyright 2019-2023 ABB. All rights reserved.

1.7 Spare parts - wrist

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC075794-001	Wrist	X			L2
	3HAC075596-001	Wrist, IP67		X		L2
	3HAC075512-001	Wrist, Clean Room			X	L2
B	3HAC061959-009	Gasket for wrist cover		X	X	L1
C	3HAC069061-001	Wrist cover	X	X		L1
	3HAC075507-001	Wrist cover, Clean Room			X	L1

Spare part illustration



xx1800003501

© Copyright 2019-2023 ABB. All rights reserved.

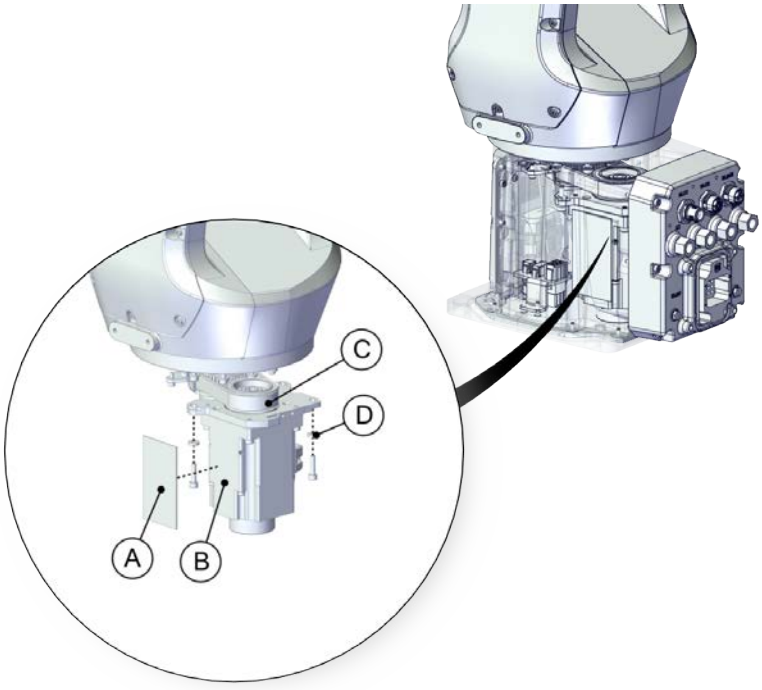
1.8 Spare parts - motors

1.8.1 Axis-1 motor

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC071020-001	Cooling pad for axis-1 and -2 motors **Note** Cooling pads are wear parts. One cooling pad sheet contains 6 pieces of small pad. Replace if damaged with one piece each time.	X	X	X	L2
B	3HAC083589-001	Motor with flange, axis 1	X	X	X	L2
C	3HAC061934-001	Timing belt, axis 1	X	X	X	L2
D	3HAC063985-001	Washer	X	X	X	L2

Spare part illustration



xx1800003502

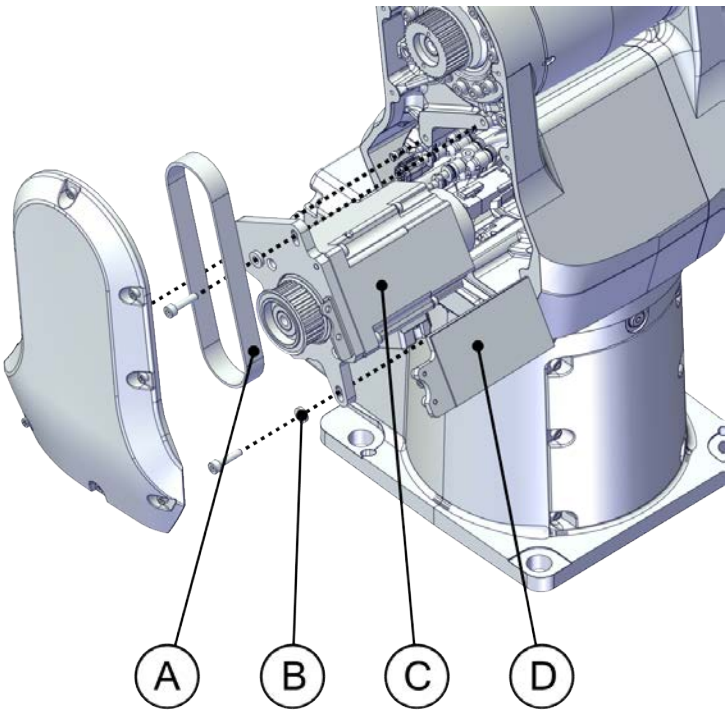
© Copyright 2019-2023 ABB. All rights reserved.

1.8.2 Axis-2 motor

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC061935-001	Timing belt, axis 2	X	X	X	L2
B	3HAC063985-001	Washer	X	X	X	L2
C	3HAC083588-001	Motor with flange, axis 2	X	X	X	L2
D	3HAC071020-001	Cooling pad for axis-1 and -2 motors **Note** Cooling pads are wear parts. One cooling pad sheet contains 6 pieces of small pad. Replace if damaged with one piece each time.	X	X	X	L2

Spare part illustration



xx1800003503

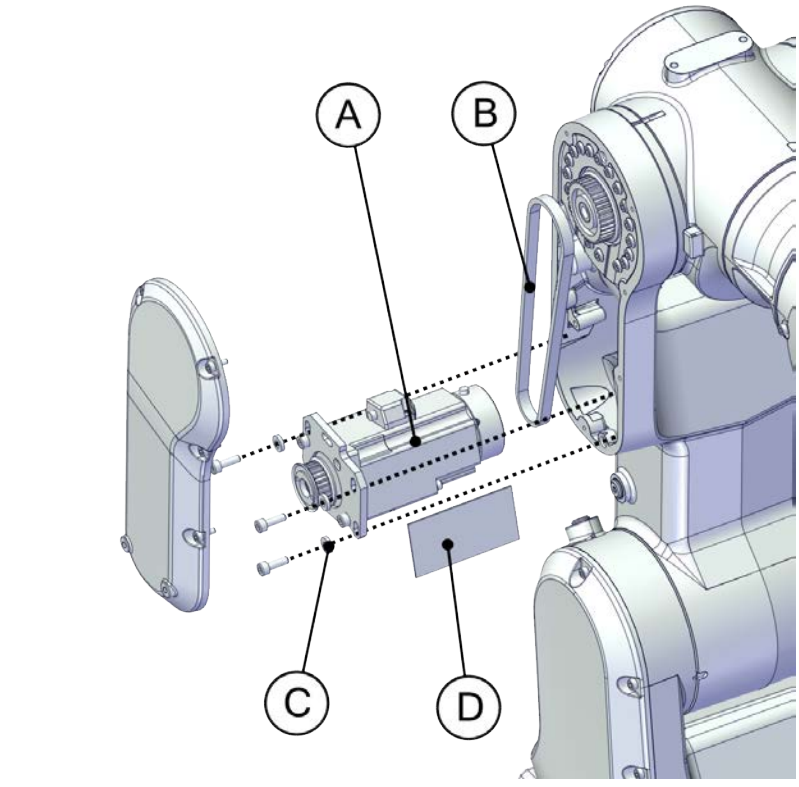
© Copyright 2019-2023 ABB. All rights reserved.

1.8.3 Axis-3 motor

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC083587-001	Motor with flange, axis 3	X	X	X	L2
B	3HAC061936-001	Timing belt, axis 3	X	X	X	L2
C	3HAC063985-001	Washer	X	X	X	L2
D	3HAC071021-001	Cooling pad for axis-3 and -4 motors **Note** Cooling pads are wear parts. One cooling pad sheet includes 10 pieces of small pad. Replace if damaged with one piece each time.	X	X	X	L2

Spare part illustration



xx1800003504

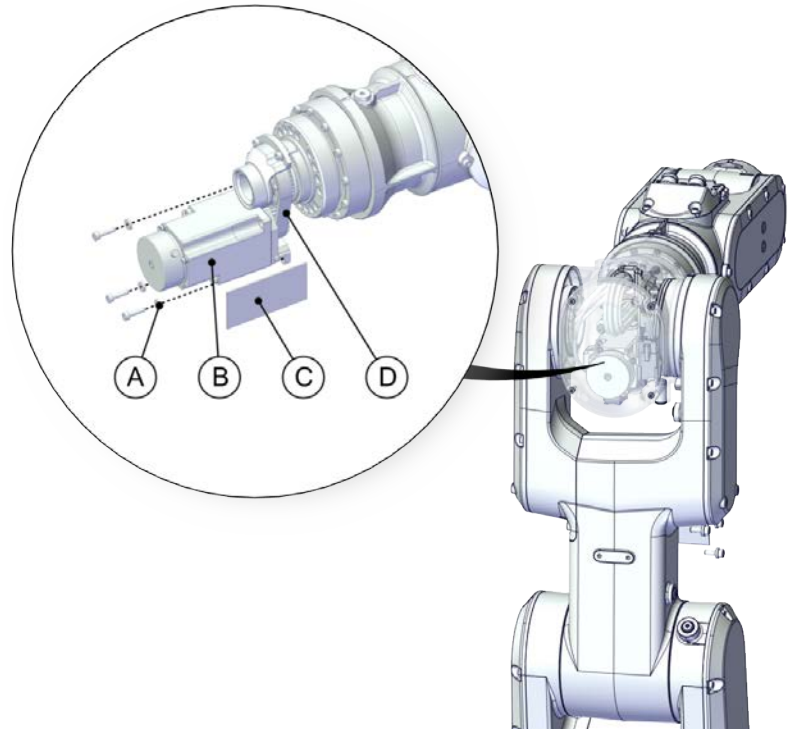
© Copyright 2019-2023 ABB. All rights reserved.

1.8.4 Axis-4 motor

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC064765-001	Washer	X	X	X	L2
B	3HAC083586-001	Motor with flange, axis 4	X	X	X	L2
C	3HAC071021-001	Cooling pad for axis-3 and -4 motors **Note** Cooling pads are wear parts. One cooling pad sheet includes 10 pieces of small pad. Replace if damaged with one piece each time.	X	X	X	L2
D	3HAC061937-001	Timing belt, axis 4	X	X	X	L2

Spare part illustration



xx1800003505

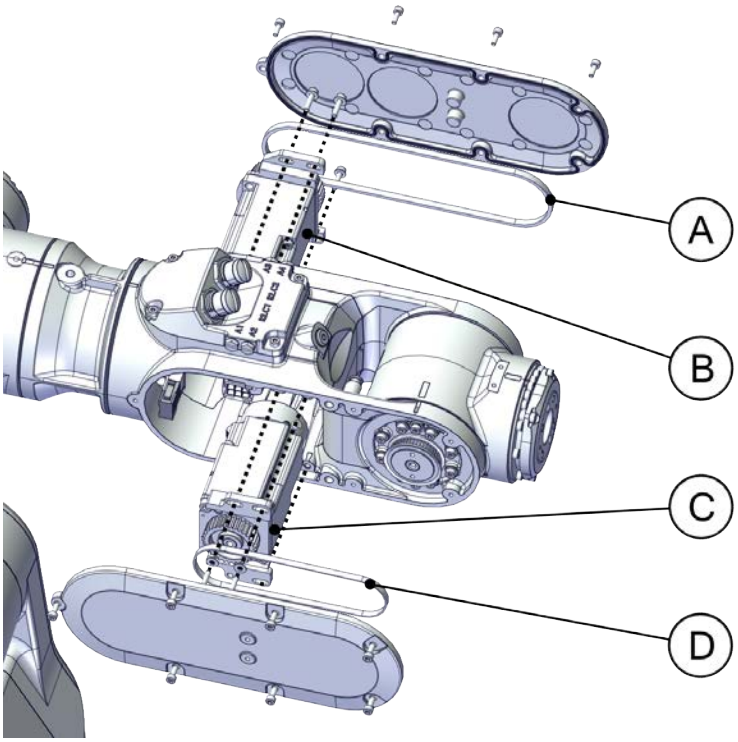
© Copyright 2019-2023 ABB. All rights reserved.

1.8.5 Axis-5 and axis-6 motors

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC061939-001	Timing belt, axis 6	X	X	X	L2
B	3HAC083584-001	Motor with flange, axis 6	X	X	X	L2
C	3HAC083585-001	Motor with flange, axis 5	X	X	X	L2
D	3HAC061938-001	Timing belt, axis 5	X	X	X	L2

Spare part illustration



xx1800003506

© Copyright 2019-2023 ABB. All rights reserved.

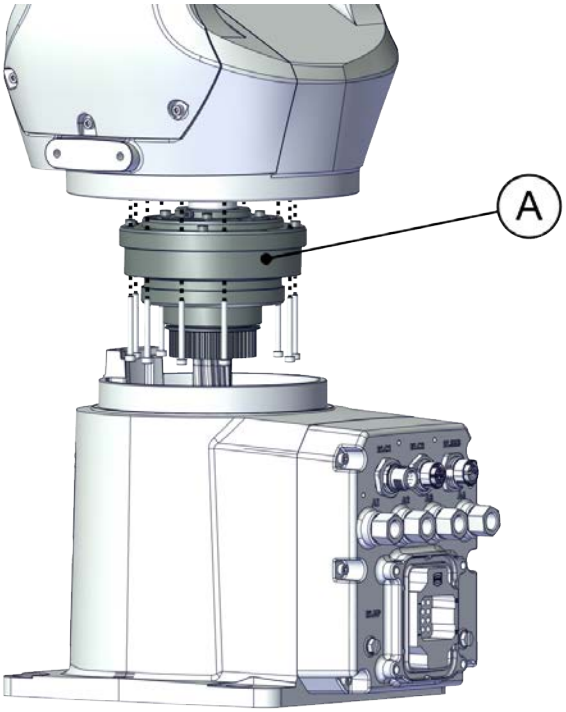
1.9 Spare parts - gearboxes

1.9.1 Axis-1 gearbox

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC069062-001	Gear unit with pulley, axis 1	X	X	X	L2

Spare part illustration



xx1800003507

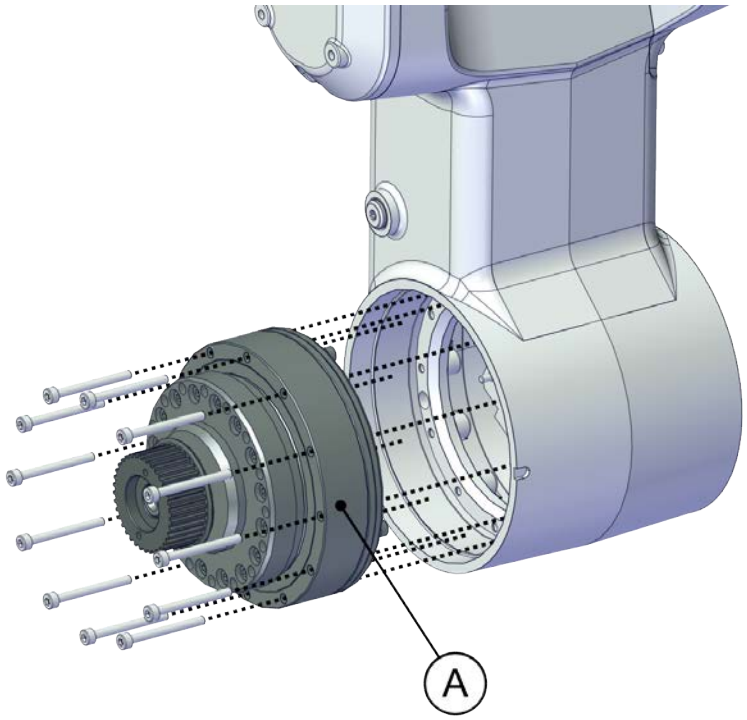
© Copyright 2019-2023 ABB. All rights reserved.

1.9.2 Axis-2 gearbox

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC073517-001	Gear unit with pulley, axis 2	X	X	X	L2
B	3HAB3772-143	O-ring on circular spline side		X	X	L2
C	3HAB3772-182	O-ring on flexible spline side		X	X	L2

Spare part illustration

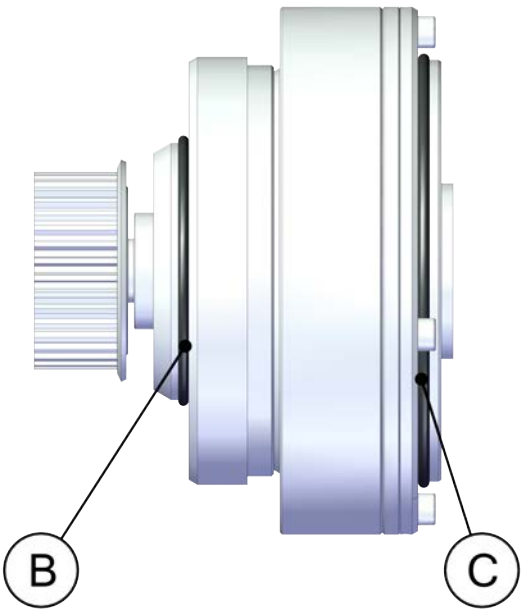


xx1800003508

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

1.9.2 Axis-2 gearbox
Continued



xx1900002205

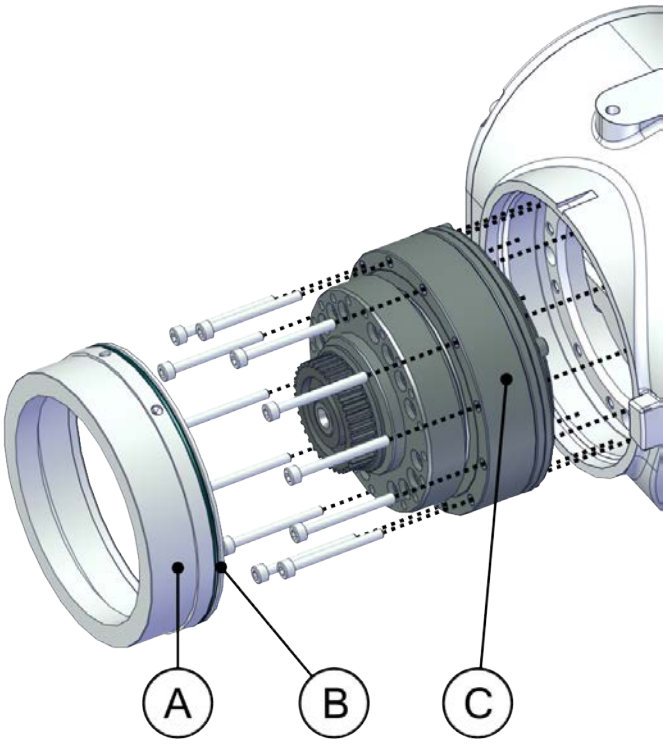
© Copyright 2019-2023 ABB. All rights reserved.

1.9.3 Axis-3 gearbox

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC073218-001	Labyrinth sealing ring	X	X	X	L2
B	3HAC061327-032	O-ring	X	X	X	L2
C	3HAC073518-001	Gear unit with pulley, axis 3	X	X	X	L2
D	3HAC061327-009	O-ring on circular spline side		X	X	L2
E	3HAC061327-008	O-ring on flexible spline side		X	X	L2

Spare part illustration

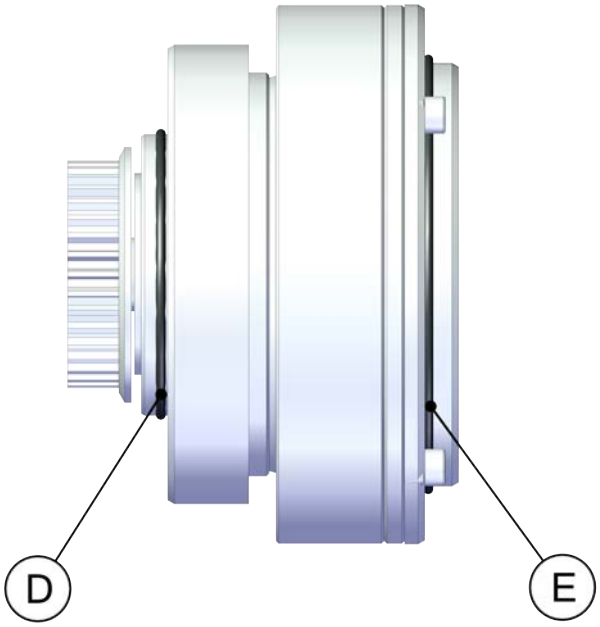


xx1800003509

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

1.9.3 Axis-3 gearbox
Continued



xx1900002206

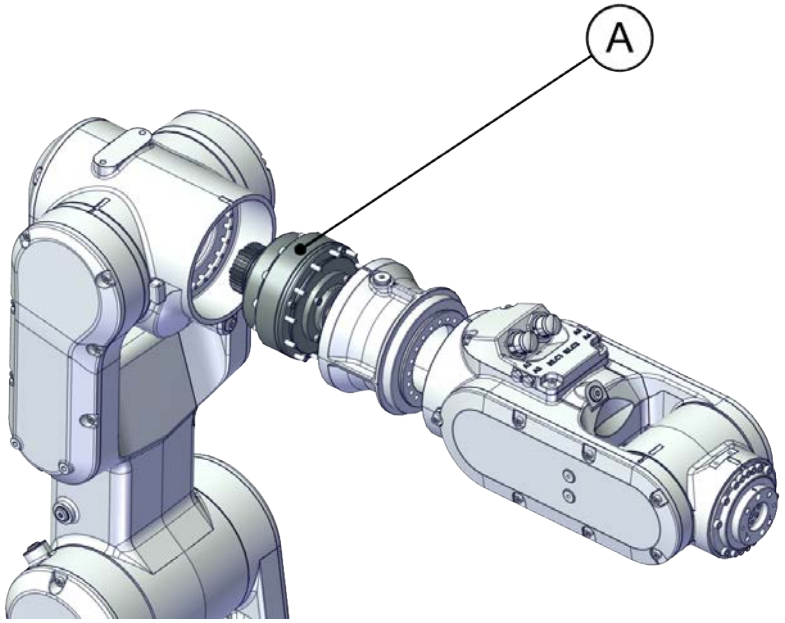
© Copyright 2019-2023 ABB. All rights reserved.

1.9.4 Axis-4 gearbox

Spare part list

	Spare part number	Description	Standard (IP40)	IP67	Clean Room	Spare part level
A	3HAC073519-001	Gear unit with pulley, axis 4	X	X	X	L2
B	3HAC061327-009	O-ring on circular spline side		X	X	L2
C	3HAB3772-115	O-ring on flexible spline side		X	X	L2

Spare part illustration

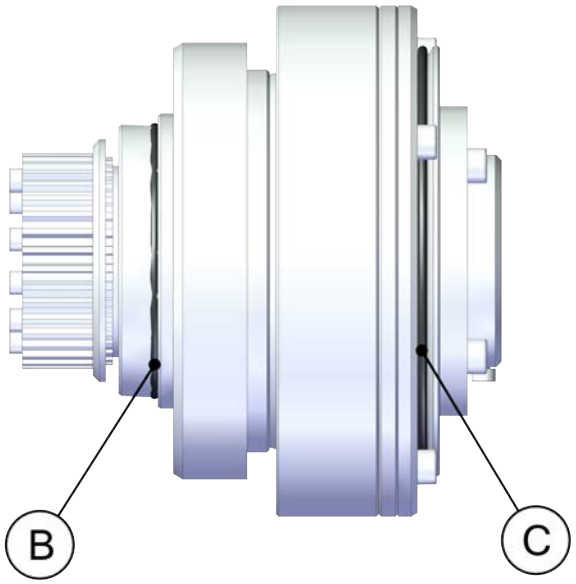


xx1800003510

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

1.9.4 Axis-4 gearbox
Continued



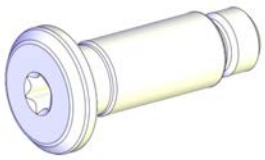
xx1900002207

© Copyright 2019-2023 ABB. All rights reserved.

1.10 Spare parts - Accessories

1.10.1 Axis Calibration items

Spare part list

Spare part number	Description	Spare part level	Standard (IP40)	IP67	Clean Room	Illustration
3HAC059556-001	Protective plug for bushing	L1	X	X		 xx1600001042
3HAC059557-001	Protective plug for bushing, Clean Room	L1			X	
3HAC061926-001	Calibration pin cover, 6 mm	L1	X	X		xx1900001420

Spare part illustration

The protective plugs are installed in the bushings used for the calibration tools for Axis Calibration method.

There are two bushings each on axes 1, 2, 3 and 4.

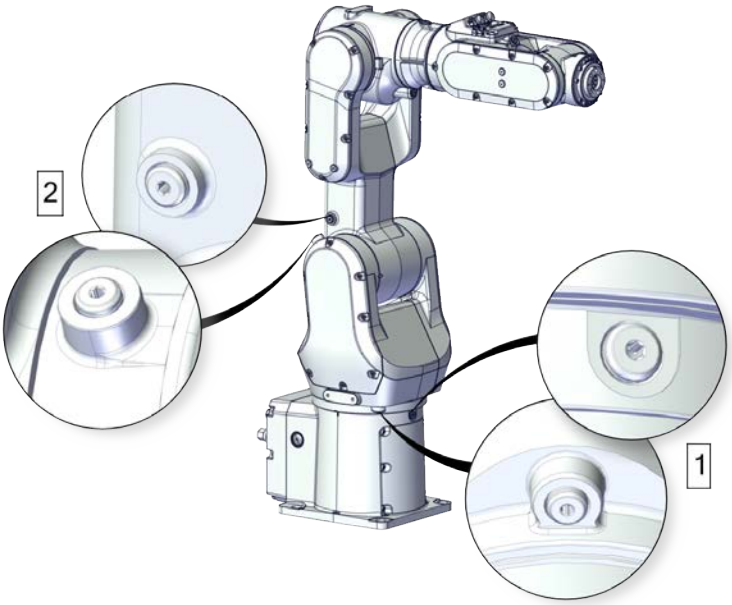
Axis 5 has one bushing and a fixed calibration pin with a protective cover. For Clean Room robots, axis 5 does not have the protection cover on the fixed calibration pin.

Continues on next page

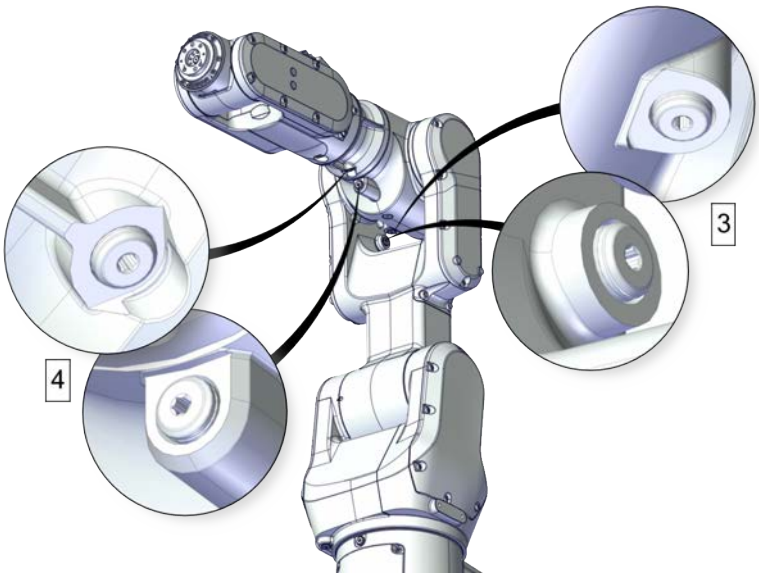
© Copyright 2019-2023 ABB. All rights reserved.

1.10.1 Axis Calibration items
Continued

Axis 6 has only one bushing.



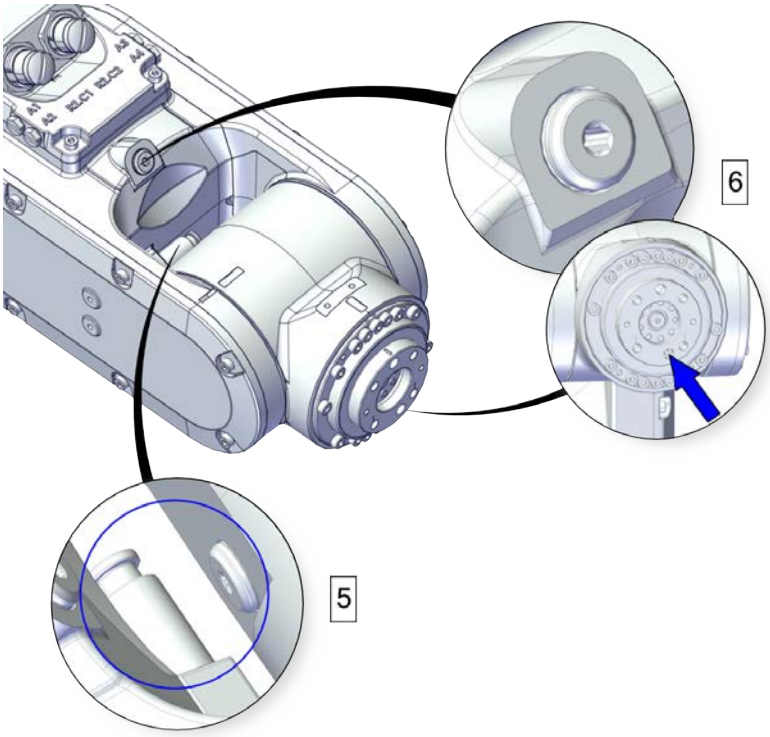
xx1800003320



xx1800003514

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

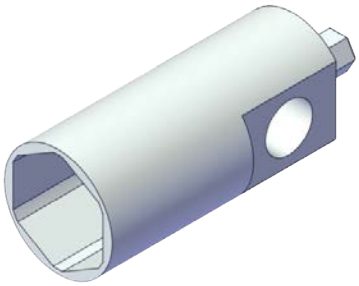
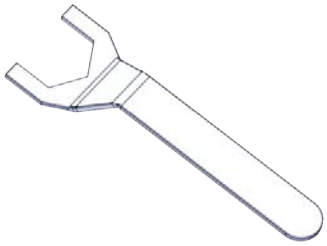
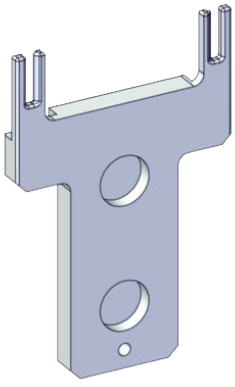


xx1800003515

© Copyright 2019-2023 ABB. All rights reserved.

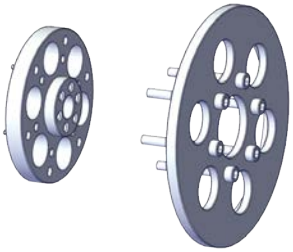
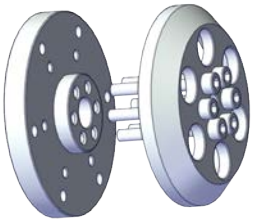
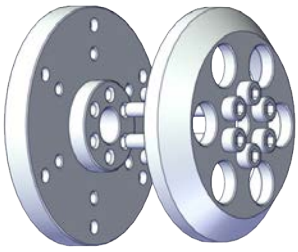
1.10.2 Special tools

Spare part list

Spare part number	Description	Illustration
3HAC071022-001	Special toolkit Includes J5.C2 connector assembly tool, brake release button assembly tool, axis-4 motor fitting tool and M3x25 eye bolt.	
-	J5.C2 connector assembly tool Included in the special toolkit 3HAC071022-001. Used to remove and refit the J5.C2 connector, if the Ethernet cabling is equipped.	 xx1900000006
-	brake release button assembly tool Included in the special toolkit 3HAC071022-001. Used to remove and refit the brake release button.	 xx1900000042
-	axis-4 motor fitting tool Included in the special toolkit 3HAC071022-001. Used to refit the axis-4 motor.	 xx1800003620

Continues on next page

© Copyright 2019-2023 ABB. All rights reserved.

Spare part number	Description	Illustration
-	M3x25 eye bolt Included in the special toolkit 3HAC071022-001.	 xx1900000107
3HAC074609-001	Radial sealing assembly tool set Used with protection class IP67 and protection type Clean Room. Used for the press-fitting of radial sealings. Includes three sets of radial sealing fitting tool for axis 1, axis 2 and axis 3.	
-	Axis-1 radial sealing assembly tool Included in the radial sealing assembly tool set 3HAC074609-001.	 xx1900002209
-	Axis-2 radial sealing assembly tool Included in the radial sealing assembly tool set 3HAC074609-001.	 xx1900002210
-	Axis-3 radial sealing assembly tool Included in the radial sealing assembly tool set 3HAC074609-001.	 xx1900002211

© Copyright 2019-2023 ABB. All rights reserved.

ABB AB
Robotics & Discrete Automation
S-721 68 VÄSTERÅS, Sweden
Telephone +46 10-732 50 00

ABB AS
Robotics & Discrete Automation
Nordlysvegen 7, N-4340 BRYNE, Norway
Box 265, N-4349 BRYNE, Norway
Telephone: +47 22 87 2000

ABB Engineering (Shanghai) Ltd.
Robotics & Discrete Automation
No. 4528 Kangxin Highway
PuDong New District
SHANGHAI 201319, China
Telephone: +86 21 6105 6666

ABB Inc.
Robotics & Discrete Automation
1250 Brown Road
Auburn Hills, MI 48326
USA
Telephone: +1 248 391 9000

abb.com/robotics

3HAC064994-001, Rev K, en

© Copyright 2019-2023 ABB. All rights reserved.
Specifications subject to change without notice.