SIEMENS Healthineers

Atellica Solution

Replacement of Parts
Atellica Immunoassay (IM) Analyzer

Incubation Ring

Document Version

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1.1 Preparation

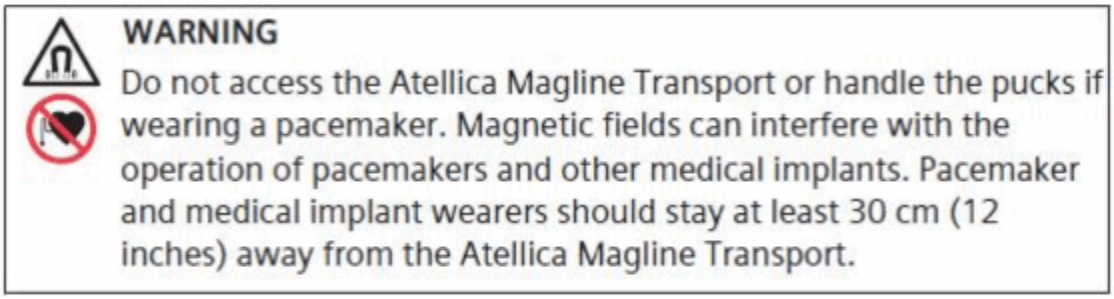
1.1.1 General Information

Read this procedure in its entirety before starting the replacement.

The time to complete this procedure is two hours.

For general safety information, refer to the Safety section of the Atellica Solution CB-DOC.

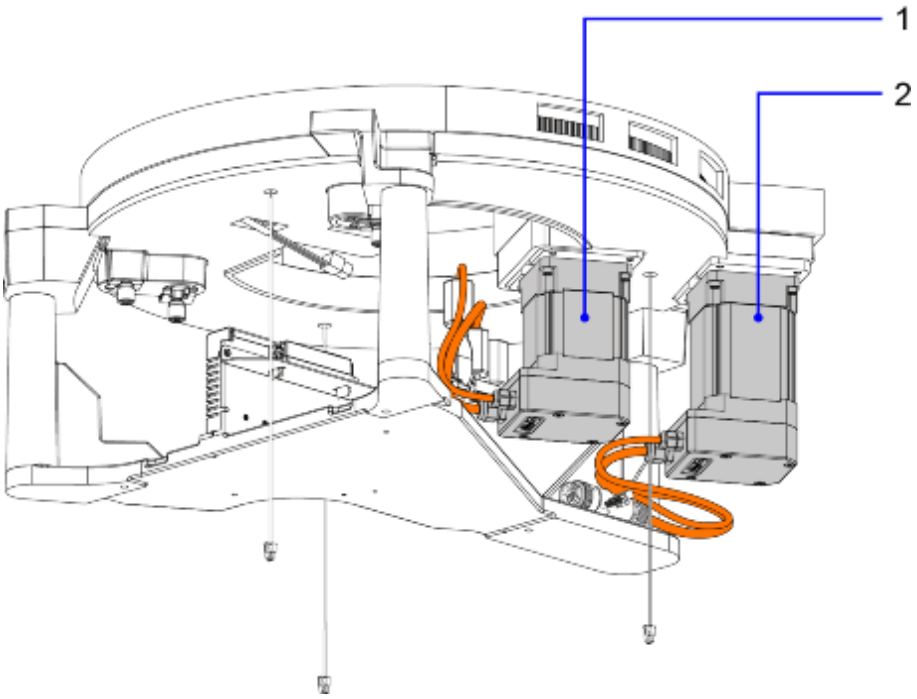
Fig. 1: Strong Magnetic Field / No Pacemakers Warning



1.1.2 Material Information

1.1.2.1 Parts

Fig. 2: Incubation Ring Assembly



(1) Inner Ring Motor
(2) Outer Ring Motor

Refer to the 3D Parts Locator (➔ Incubation Ring / LDAT-030.844.03) for component locations.

1.1.2.2 Tools and Supplies

- T20 Torx driver
- T25 Torx driver

1.2 Remove the Outer Ring and Inner Ring Motors

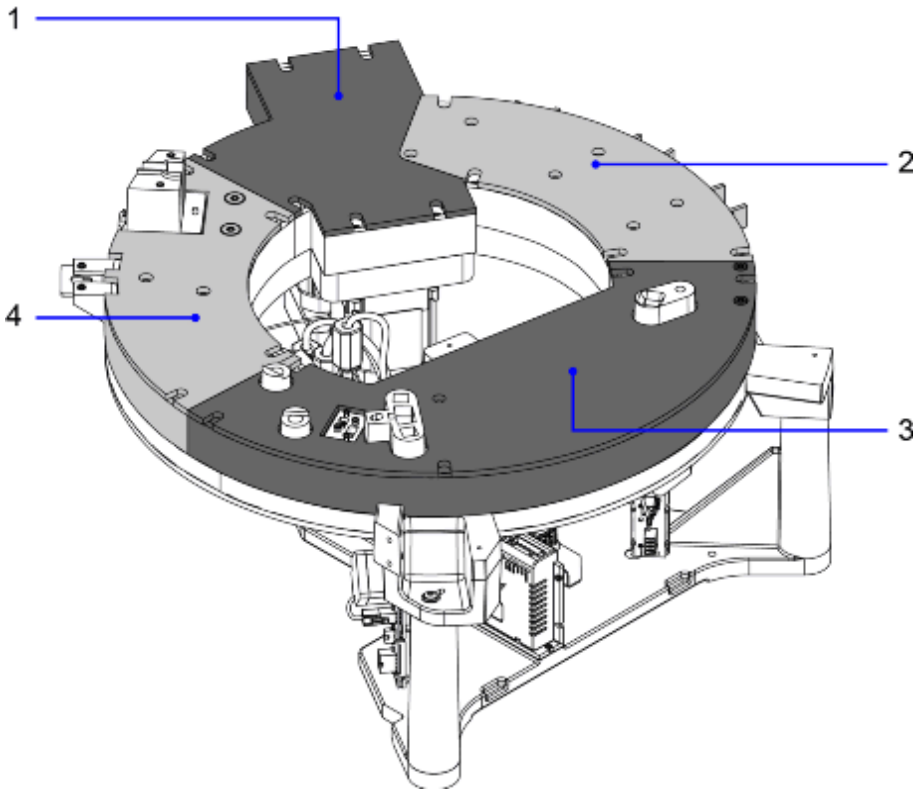
Perform steps 1 through 4 for protection because a 240 VAC is supplied to the motors.

1. Perform Shutdown of the IM Analyzer.
2. Remove the reagent packs.

You will be disconnecting power in the next step so the reagent compartment will not be cooled and the packs could become unusable.

3. Turn off the AC Breaker in the back of the IM Analyzer.
4. Disconnect the IM Analyzer from the AC wall power.
5. Follow all of the necessary Lockout Tag out procedures.
6. Remove the incubation ring cover:
   a) Disconnect the following sensors: inner and outer ring home sensor board and inner and outer ring cuvette presence sensor.
   b) Use a T20 Torx driver to remove screws for each section of the cover.

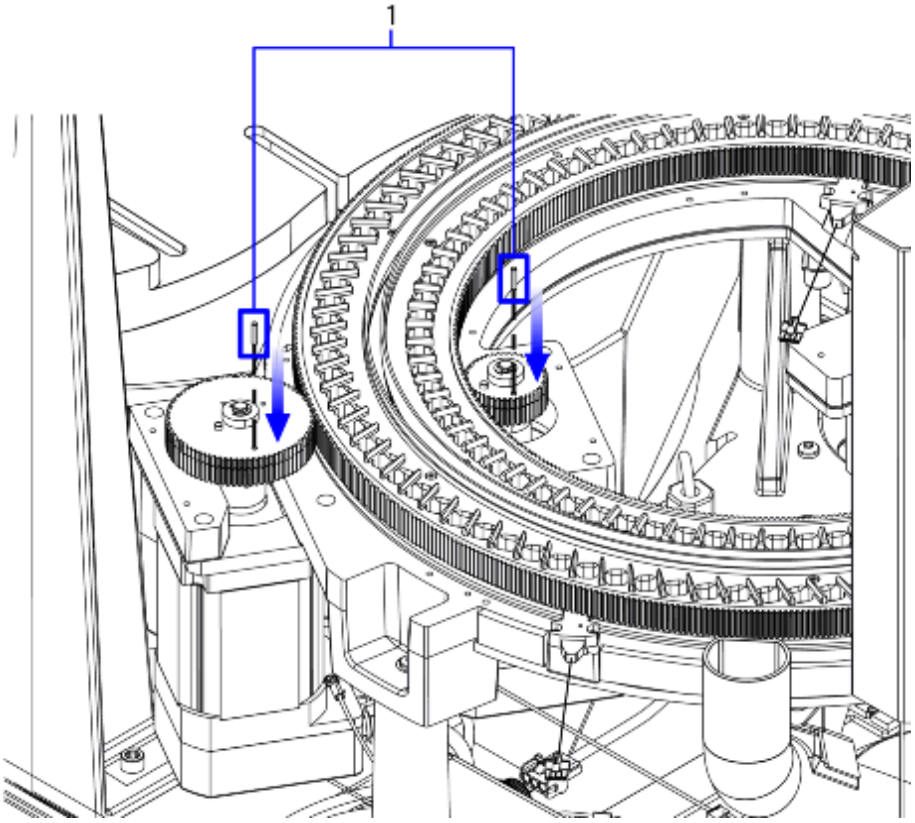
Fig. 3: Incubation Ring Cover



(1) Motor Cover
(2) Reagent Cover
(3) Elevator Cover
(4) Sample Cover

7. Disconnect the motor cables from the controller.
8. Insert retaining pins into the backlash gears of the motors before removing the motors and attached isolator places.

Fig. 4: Insert Backlash Pins

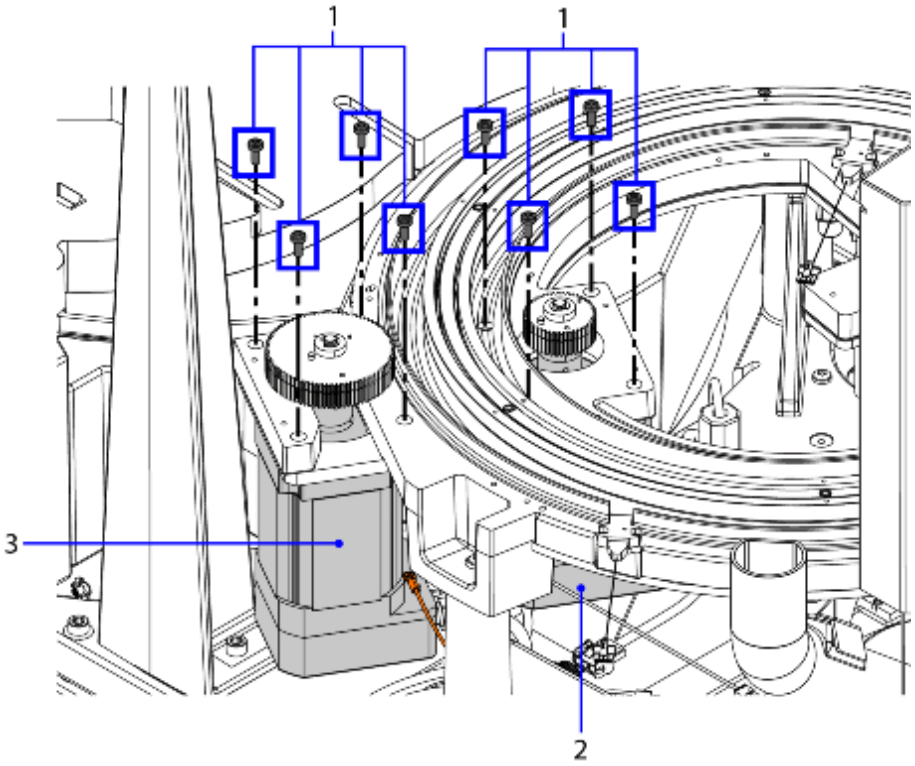


(1) Backlash Pins

You need to remove the outer motor first before removing the inner motor.

9. Working from above the ring, use a T25 Torx driver to remove 4 screws from each motor.

Fig. 5: Remove Screws for Inner and Outer Ring Motors



(1) Screws
(2) Inner Ring Motor
(3) Outer Ring Motor

10. Place the motors on a work surface.
11. Using a T25 Torx driver, remove the 4 screws that attach the isolator plate to the motor, and attach the isolator plates to the replacement motors.

CAUTION

If inserted incorrectly, the isolator plates could pull through the insulator plate material.

» **Take care when attaching the isolator plates to the replacement motor. Orient the isolator plates correctly so that when the screws are tightened, the inserts are held in place by their flanges and do not pull through the insulator plate material.**

Do not fully tighten until you install the new motors in the incubation ring.

1.3 Install the Outer Ring and Inner Ring Motors

1. Place the inner ring motor and outer ring motor on the incubation ring.

Be careful when installing the motors as not to pinch the thermistor cable that is located between the motors.

2. Install the inner motor first and then the outer motor.
3. Use a T25 Torx driver to tighten 4 screws from each motor.
4. When the motors are mounted, remove the ant-backlash pins in each motor's gear and tighten the screws that attach the isolator plate to the motor.
5. Connect the IM Analyzer to the AC wall power.
6. Turn on the AC breaker in the back of the IM Analyzer.
7. Power on the IM Analyzer.

1.4 Final Work Steps

1. Perform an Incubation Ring Alignment (➔ Incubation Ring / LDAT-030.842.04).
2. Run Autocheck.
   a) Click the **Autocheck** tab.
   b) Click **Start Autocheck**.
   c) Resolve any issues or errors that are found.
3. Perform the Post-Service Checklist for all the analyzers, DL, SH, and/or SHC that apply to this service visit:

Tab. 1 Post-Service Checklists and Instructions

	Instructions	Checklist
CH	(➔ Post-Service Instructions / LDAT-010.836.01)	(➔ Post-Service Report / LDAT-010.837.01)
DL	(➔ Post-Service Instructions / LDAT-040.836.01)	(➔ Post-Service Checklist / LDAT-040.837.01)
IM	(➔ Post-Service Instructions / LDAT-030.836.02)	(➔ Post-Service Protocol / LDAT-030.837.02)
SH	(➔ Post-Service Instructions / LDAT-020.836.01)	(➔ Post-Service Protocol / LDAT-020.837.01)
SHC	(➔ Post-Service Instructions / LDAT-021.836.02)	(➔ Post-Service Protocol / LDAT-021.837.02)

The recommended trend codes for this procedure are:

- Keyword 1: Incubator Ring
- Keyword 2: Motor Inner Ring
- Keyword 3: Motor Outer Ring

These trend codes may not apply to every situation.

2.1 Preparation

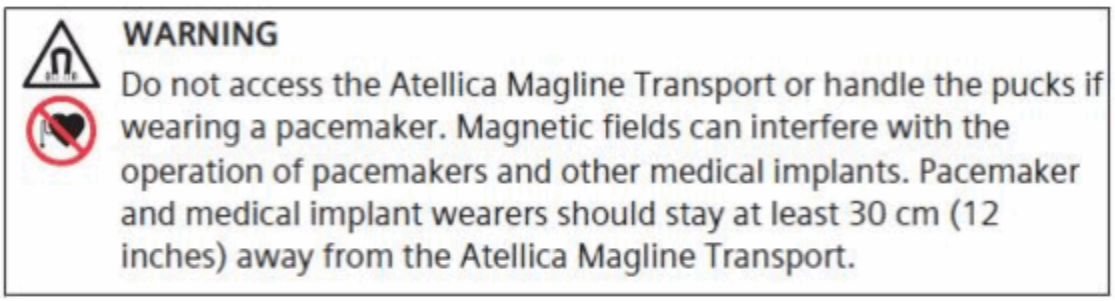
2.1.1 General Information

Read this procedure in its entirety before starting the replacement.

The time to complete this procedure is three hours.

For general safety information, refer to the Safety section of the Atellica Solution CB-DOC.

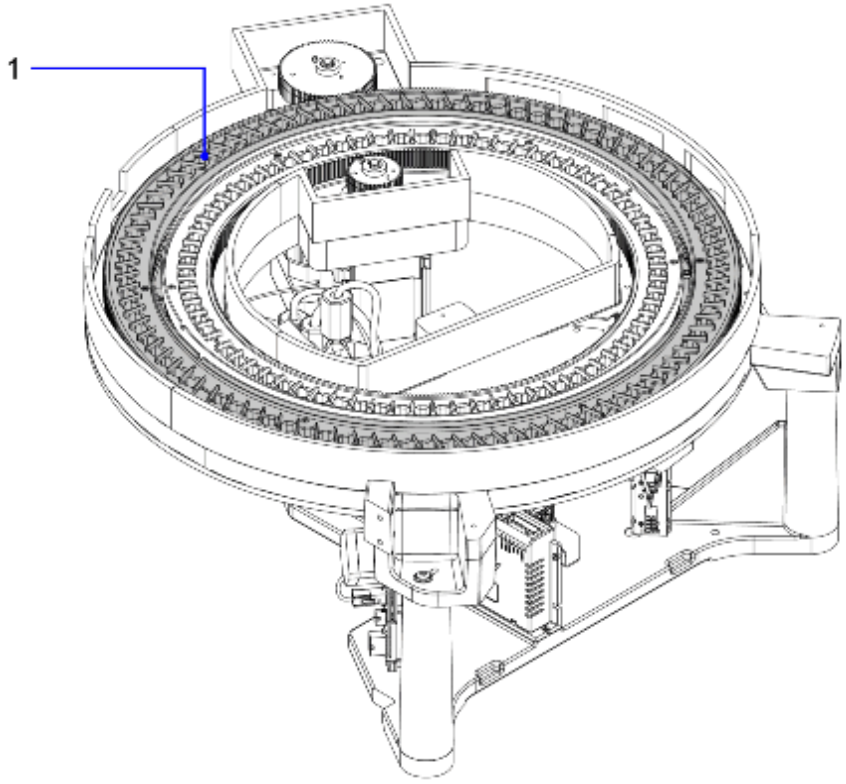
Fig. 6: Strong Magnetic Field / No Pacemakers Warning



2.1.2 Material Information

2.1.2.1 Parts

Fig. 7: Incubation Ring Assembly



(1) Outer Ring Assembly

Refer to the 3D Parts Locator (➔ Incubation Ring / LDAT-030.844.03) for component locations.

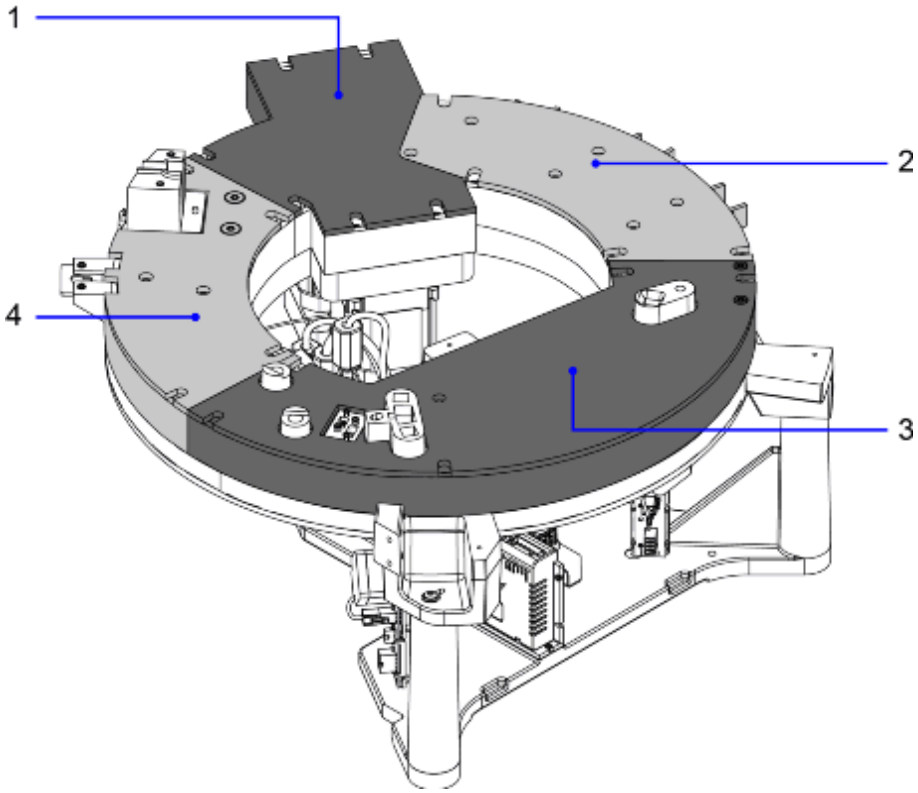
2.1.2.2 Tools and Supplies

- T10 Torx Driver
- Loctite 222

2.2 Remove the Outer Ring

1. Remove all reagent packs from the reagent compartment.
2. (➔ Remove the Luminometer / LDAT-030.841.01)
3. (➔ Remove the Aspirate Probes / LDAT-030.841.11)
4. (➔ Remove the Wash Ring Assembly / LDAT-030.841.05)
5. (➔ Remove the Cuvette Loader / LDAT-030.841.04)
6. (➔ Remove the Cuvette Channel / LDAT-030.841.04)
7. Remove the incubation ring cover:
   a) Disconnect the following sensors: inner and outer ring home sensor board.
   b) Use a T20 Torx driver to loosen 3 screws for the reagent probe rinse wells.
   c) Use a T20 Torx driver to remove screws for each section of the cover.

Fig. 8: Incubation Ring Cover

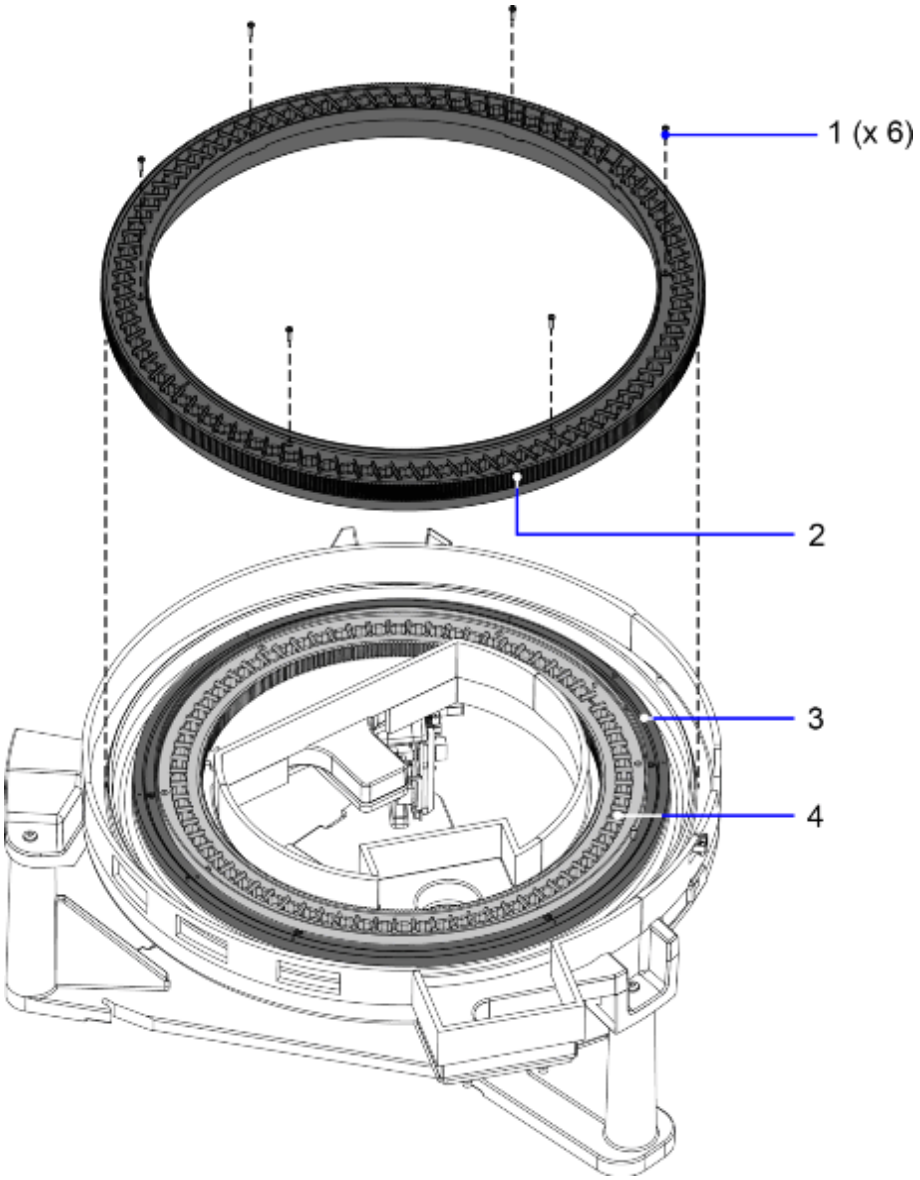


(1) Motor Cover
(2) Reagent Cover
(3) Elevator Cover
(4) Sample Cover

8. Remove the outer ring:
   a) Remove the sample tip waste chute from the back of the IM Analyzer.

b) Use a T10 Torx driver to remove 6 screws.

Fig. 9: Removing the Outer Ring



(1) 6 Screws
(2) Outer Ring
(3) Bearing
(4) Inner Ring

c) Remove the outer ring from the IM Analyzer.

d) Place the outer ring on a work surface.

2.3 Install the Outer Ring

1. Apply Loctite 222 to each screw.
2. Place the outer ring on the incubation ring.
3. Use a T10 Torx driver to tighten 6 screws.

Install the screws in a star pattern.

4. Replace the covers and re-connect the sensors:
   a) Connect the following sensors: inner and outer ring home sensor board.
   b) Use a T20 Torx driver to tighten screws for each section of the cover.

2.4 Final Work Steps

1. Perform an Incubation Ring Alignment (→ Incubation Ring / LDAT-030.842.04).
   a) Realign the new outer ring to establish the home offset.
   b) Re-align the sample probe and reagent probes to the ring.
2. Run Autocheck.
   a) Click the **Autocheck** tab.
   b) Click **Start Autocheck**.
   c) Resolve any issues or errors that are found.
3. Perform the Post-Service Checklist for all the analyzers, DL, SH, and/or SHC that apply to this service visit:

Tab. 2 Post-Service Checklists and Instructions

	Instructions	Checklist
CH	(→ Post-Service Instructions / LDAT-010.836.01)	(→ Post-Service Report / LDAT-010.837.01)
DL	(→ Post-Service Instructions / LDAT-040.836.01)	(→ Post-Service Checklist / LDAT-040.837.01)
IM	(→ Post-Service Instructions / LDAT-030.836.02)	(→ Post-Service Protocol / LDAT-030.837.02)
SH	(→ Post-Service Instructions / LDAT-020.836.01)	(→ Post-Service Protocol / LDAT-020.837.01)
SHC	(→ Post-Service Instructions / LDAT-021.836.02)	(→ Post-Service Protocol / LDAT-021.837.02)

The recommended trend codes for this procedure are:
- Keyword 1: Incubator Ring
- Keyword 2: Ring Outer

These trend codes may not apply to every situation.

3.1 Preparation

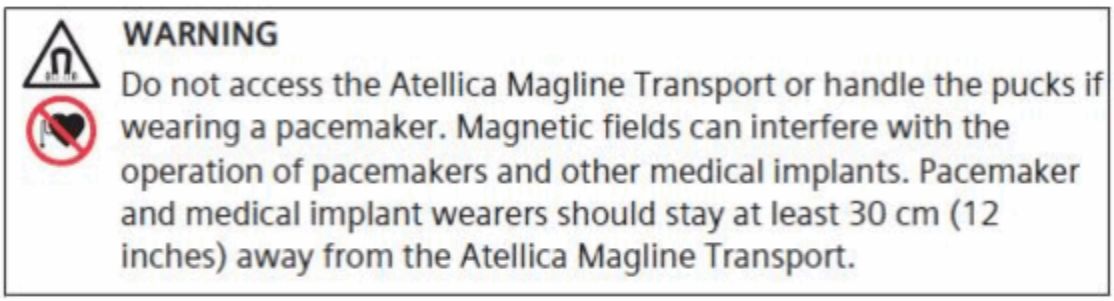
3.1.1 General Information

Read this procedure in its entirety before starting the replacement.

The time to complete this procedure is three hours.

For general safety information, refer to the Safety section of the Atellica Solution CB-DOC.

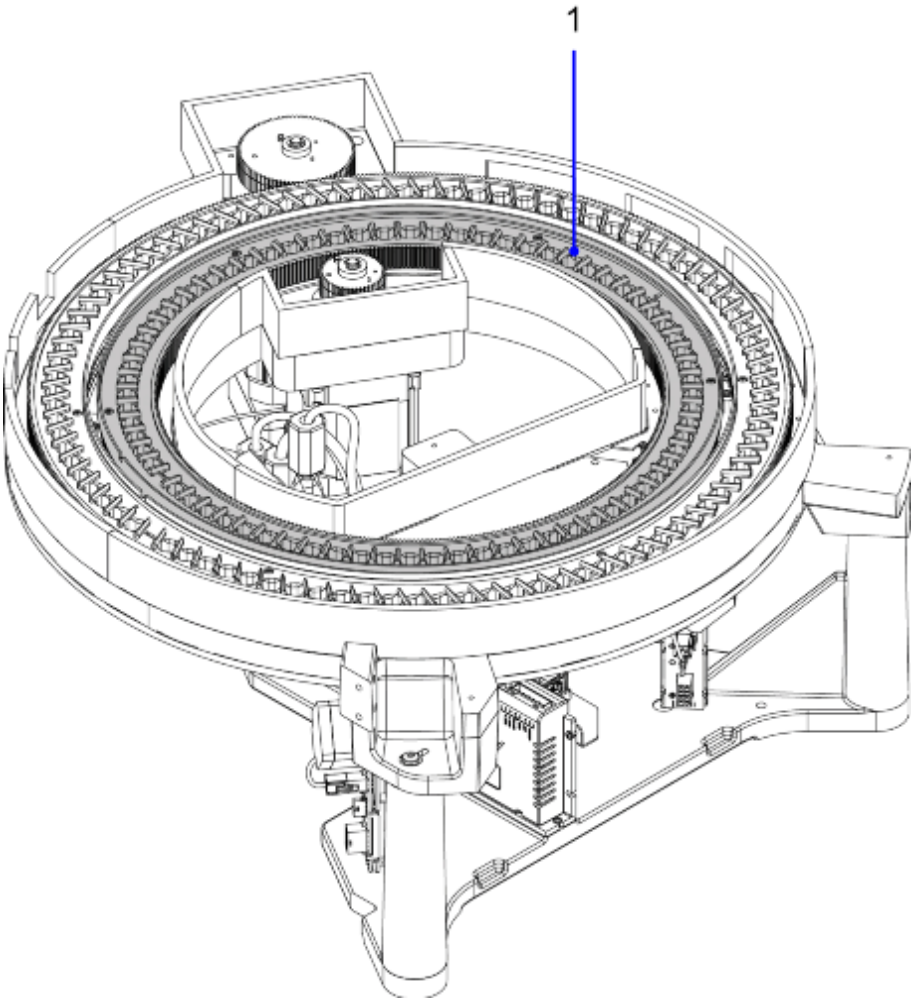
Fig. 10: Strong Magnetic Field / No Pacemakers Warning



3.1.2 Material Information

3.1.2.1 Parts

Fig. 11: Incubation Ring Assembly



(1) Inner Ring Assembly

Refer to the 3D Parts Locator (➔ Incubation Ring / LDAT-030.844.03) for component locations.

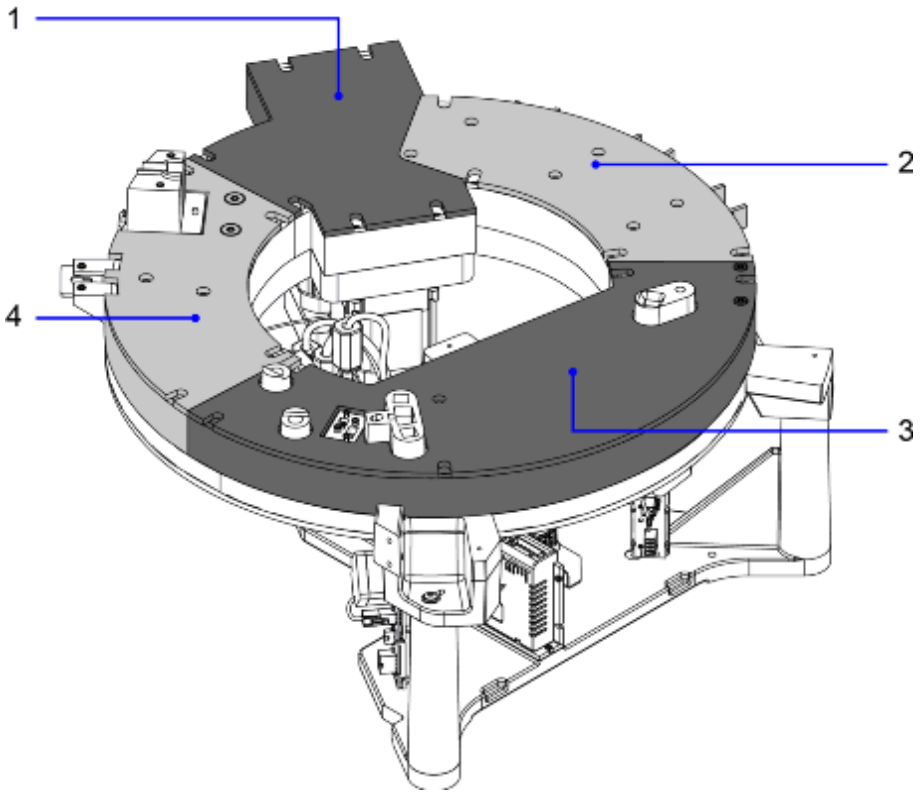
3.1.2.2 Tools and Supplies

- T20 Torx Driver
- Loctite 222

3.2 Remove the Inner Ring

1. Remove all reagent packs from the reagent compartment.
2. (➔ Remove the Luminometer / LDAT-030.841.01)
3. (➔ Remove the Aspirate Probes / LDAT-030.841.11)
4. (➔ Remove the Cuvette Channel / LDAT-030.841.04)
5. (➔ Remove the Wash Ring Assembly / LDAT-030.841.05)
6. Remove the incubation ring cover:
   a) Disconnect the following sensors: inner and outer ring home sensor board.
   b) Use a T20 Torx driver to loosen 3 screws for the reagent probe rinse wells.
   c) Use a T20 Torx driver to remove screws for each section of the cover.

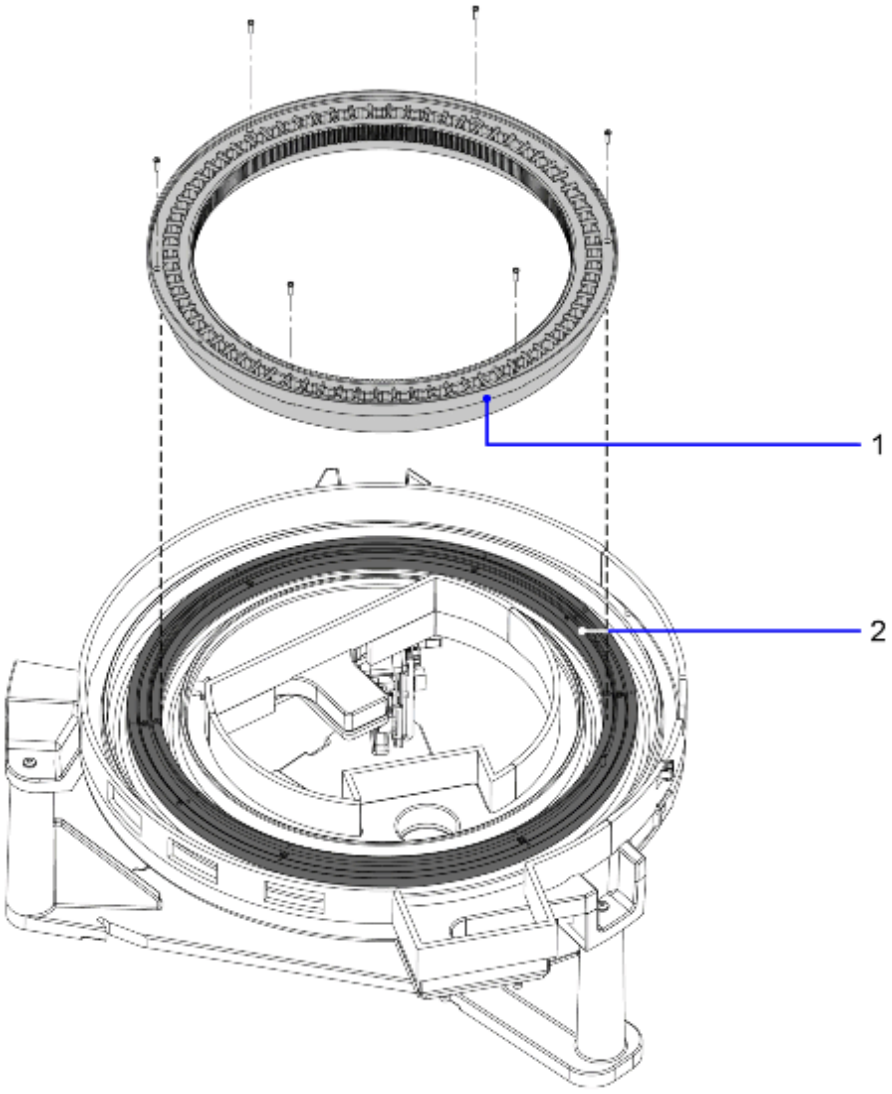
Fig. 12: Incubation Ring Cover



(1) Motor Cover
(2) Reagent Cover
(3) Elevator Cover
(4) Sample Cover

7. Remove the inner ring:
   a) Use a T20 Torx driver to remove 6 screws from the inner ring.
   b) Take the inner ring out of the IM Analyzer.

Fig. 13: Removing the Inner Ring



(1) 6 Screws
(2) Inner Ring
(3) Bearing

c) Place the inner ring on a work surface.

3.3 Install the Inner Ring

1. Apply Loctite 222 to each screw.
2. Place the inner ring on the incubation ring.
3. Use a T20 Torx driver to tighten 6 screws.

Install the screws in a star pattern.

4. Reinstall the covers and reconnect the sensors:
   a) Reconnect the inner and outer ring home sensor board.
   b) Use a T20 Torx driver to tighten screws for each section of the cover.

3.4 Final Work Steps

1. Perform an Incubation Ring Alignment (→ Incubation Ring / LDAT-030.842.04).
   a) Realign the new inner ring to establish the home offset.
   b) Re-align the sample probe and reagent probes to the ring.
2. Run Autocheck.
   a) Click the **Autocheck** tab.
   b) Click **Start Autocheck**.
   c) Resolve any issues or errors that are found.
3. Perform the Post-Service Checklist for all the analyzers, DL, SH, and/or SHC that apply to this service visit:

Tab. 3 Post-Service Checklists and Instructions

	Instructions	Checklist
CH	(→ Post-Service Instructions / LDAT-010.836.01)	(→ Post-Service Report / LDAT-010.837.01)
DL	(→ Post-Service Instructions / LDAT-040.836.01)	(→ Post-Service Checklist / LDAT-040.837.01)
IM	(→ Post-Service Instructions / LDAT-030.836.02)	(→ Post-Service Protocol / LDAT-030.837.02)
SH	(→ Post-Service Instructions / LDAT-020.836.01)	(→ Post-Service Protocol / LDAT-020.837.01)
SHC	(→ Post-Service Instructions / LDAT-021.836.02)	(→ Post-Service Protocol / LDAT-021.837.02)

The recommended trend codes for this procedure are:
- Keyword 1: Incubator Ring
- Keyword 2: Ring Inner

These trend codes may not apply to every situation.

4.1 Preparation

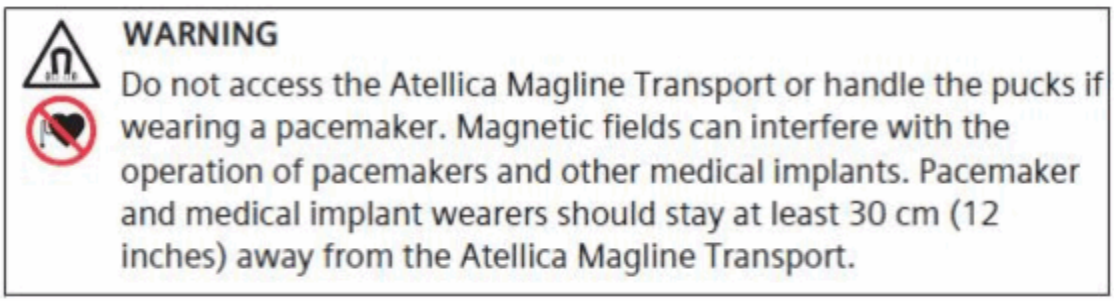
4.1.1 General Information

Read this procedure in its entirety before starting the replacement.

The time to complete this procedure is three hours.

For general safety information, refer to the Safety section of the Atellica Solution CB-DOC.

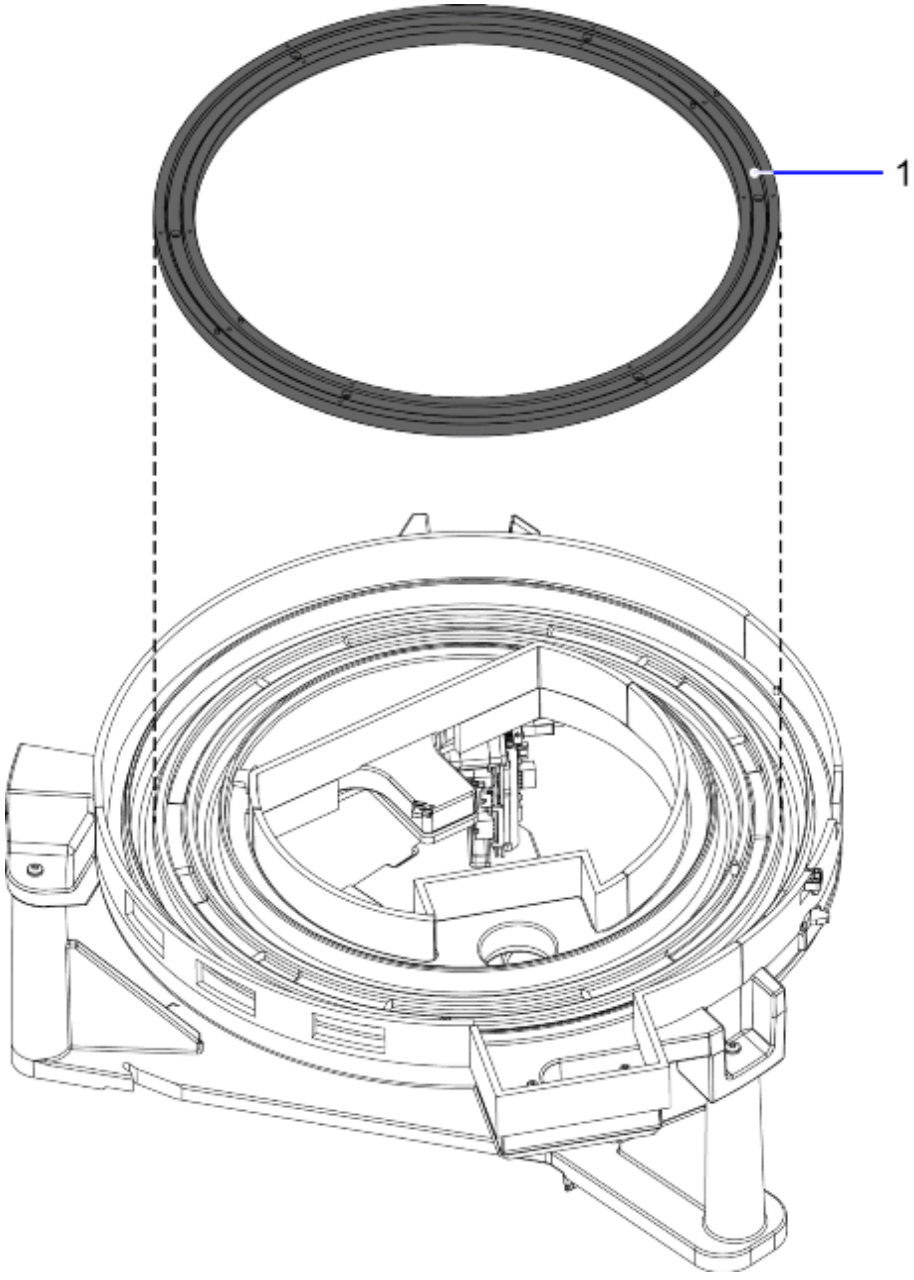
Fig. 14: Strong Magnetic Field / No Pacemakers Warning



4.1.2 Material Information

4.1.2.1 Parts

Fig. 15: Incubation Ring Assembly



(1) Ring Bearing

Refer to the 3D Parts Locator (➔ Incubation Ring / LDAT-030.844.03) for component locations.

4.1.2.2 Tools and Supplies

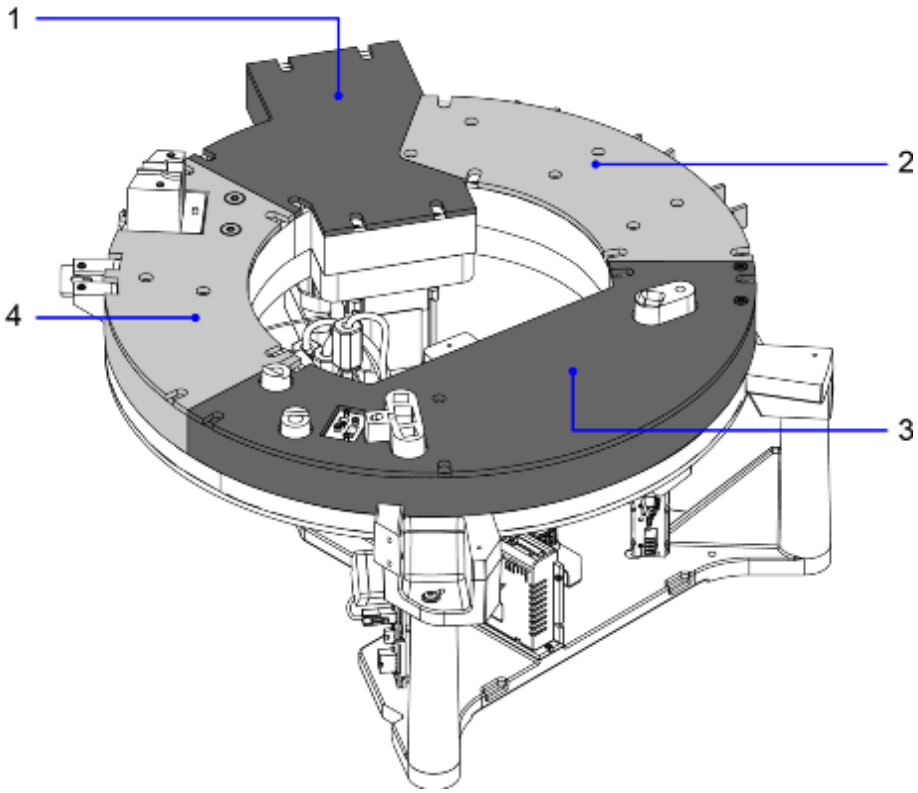
- T10 Torx Driver

- T20 Torx Driver

4.2 Remove the Incubation Ring Bearings

1. (➔ Remove the Luminometer / LDAT-030.841.01)
2. (➔ Remove the Aspirate Probes / LDAT-030.841.11)
3. (➔ Remove the Cuvette Channel / LDAT-030.841.04)
4. (➔ Remove the Wash Ring Assembly / LDAT-030.841.05)
5. Remove the incubation ring cover:
   a) Disconnect the following sensors: inner and outer ring home sensor board.
   b) Use a T20 Torx driver to loosen 3 screws for the reagent probe rinse wells.
   c) Use a T20 Torx driver to remove screws for each section of the cover.

Fig. 16: Incubation Ring Cover

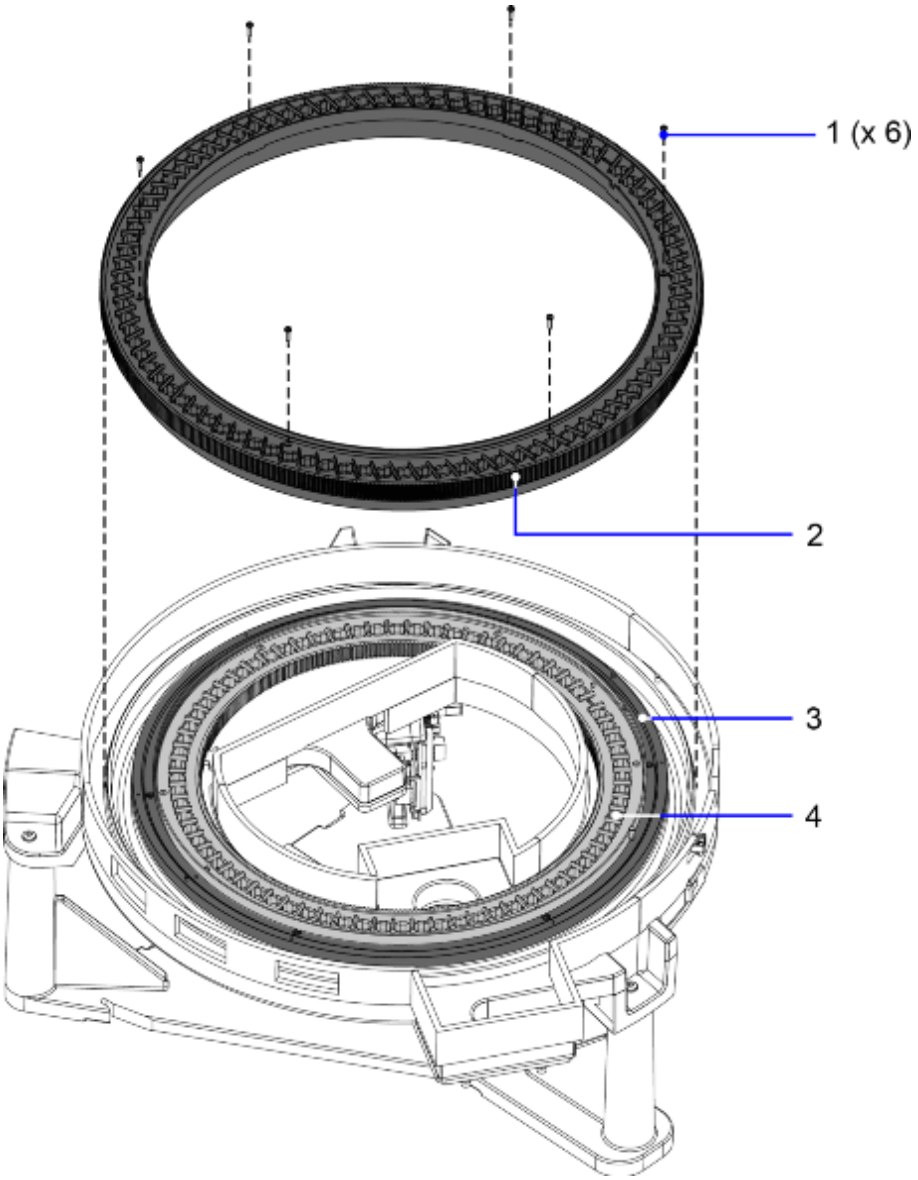


(1) Motor Cover
(2) Reagent Cover
(3) Elevator Cover
(4) Sample Cover

6. Remove the outer ring:
   a) Remove the sample tip waste chute from the back of the IM Analyzer.

b) Use a T10 Torx driver to remove 6 screws.

Fig. 17: Removing the Outer Ring



(1) 6 Screws
(2) Outer Ring
(3) Bearing
(4) Inner Ring

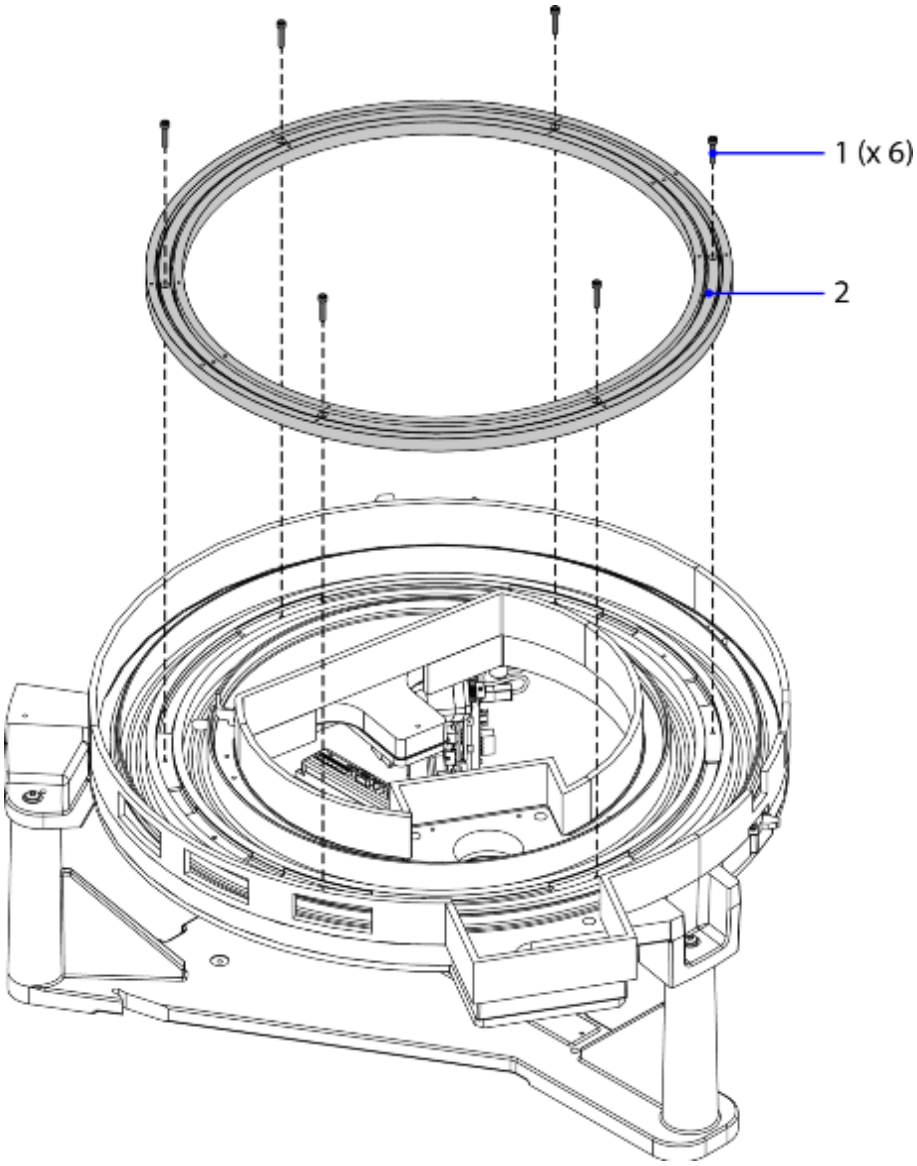
c) Remove the outer ring from the IM Analyzer.

d) Place the outer ring on a work surface.

7. Remove the ring bearings:

   a) Use a T10 Torx driver to remove 6 screws.

Fig. 18: Removing the Incubation Ring Bearing



(1) 6 Screws

(2) Incubation Ring Bearing

   b) Remove the bearing from the incubation ring.

4.3 Install the Incubation Ring Bearings

1. Place the bearings on the incubation ring mounting plate.
2. Use a T10 Torx driver to tighten 6 screws.

4.4 Final Work Steps

1. Perform an Incubation Ring Alignment (➔ Incubation Ring / LDAT-030.842.04).
2. Run Autocheck.
   a) Click the **Autocheck** tab.
   b) Click **Start Autocheck**.
   c) Resolve any issues or errors that are found.
3. Perform the Post-Service Checklist for all the analyzers, DL, SH, and/or SHC that apply to this service visit:

Tab. 4 Post-Service Checklists and Instructions

	Instructions	Checklist
CH	(➔ Post-Service Instructions / LDAT-010.836.01)	(➔ Post-Service Report / LDAT-010.837.01)
DL	(➔ Post-Service Instructions / LDAT-040.836.01)	(➔ Post-Service Checklist / LDAT-040.837.01)
IM	(➔ Post-Service Instructions / LDAT-030.836.02)	(➔ Post-Service Protocol / LDAT-030.837.02)
SH	(➔ Post-Service Instructions / LDAT-020.836.01)	(➔ Post-Service Protocol / LDAT-020.837.01)
SHC	(➔ Post-Service Instructions / LDAT-021.836.02)	(➔ Post-Service Protocol / LDAT-021.837.02)

The recommended trend codes for this procedure are:

- Keyword 1: Incubator Ring
- Keyword 2: Bearing

These trend codes may not apply to every situation.

5.1 Preparation

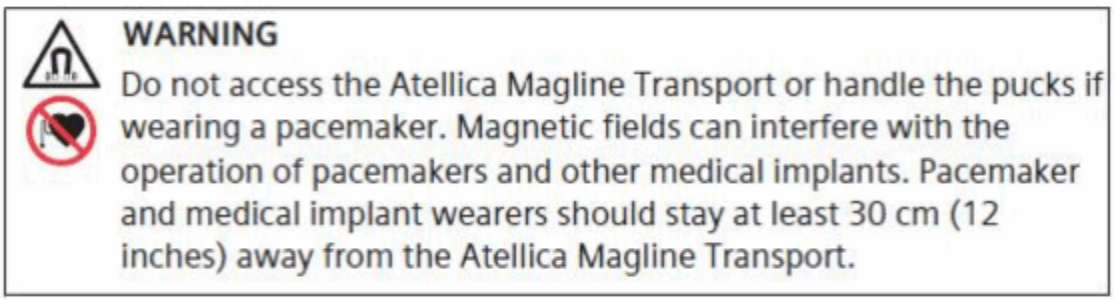
5.1.1 General Information

Read this procedure in its entirety before starting the replacement.

The time to complete this procedure is 15 minutes.

For general safety information, refer to the Safety section of the Atellica Solution CB-DOC.

Fig. 19: Strong Magnetic Field / No Pacemakers Warning



5.1.2 Material Information

5.1.2.1 Parts

Refer to the 3D Parts Locator (➔ Incubation Ring / LDAT-030.844.03) for component locations.

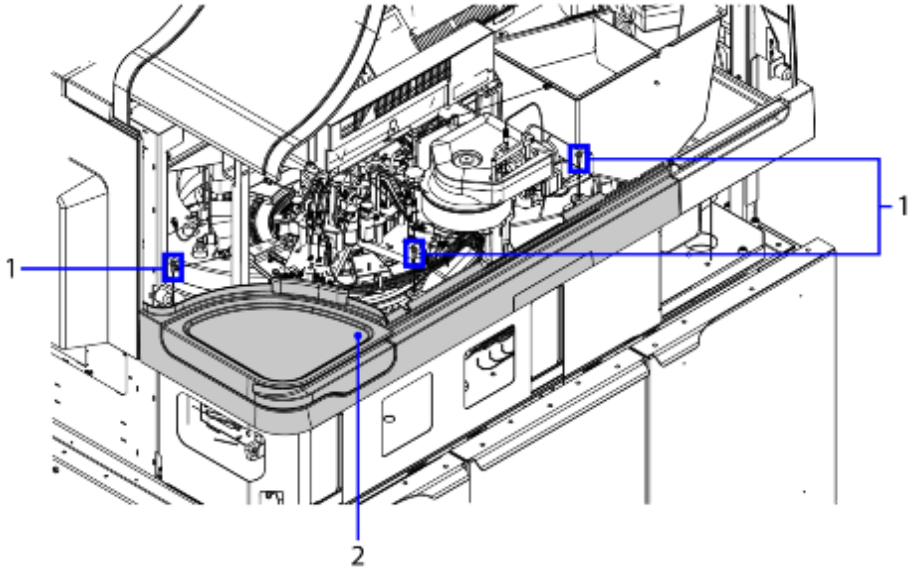
5.1.2.2 Tools and Supplies

No tools are required for this procedure.

5.2 Remove the Incubation Ring Elevators

1. Enter **Diagnostics** mode and run the sequence **S_MechOff_KeepMixingAndThermals**.
2. Open the front cover of the system.
3. Install the Interlock Bypass key and depress the latch.
4. Remove 3 screws to remove the bottom cover for access to the front of the IM Analyzer.

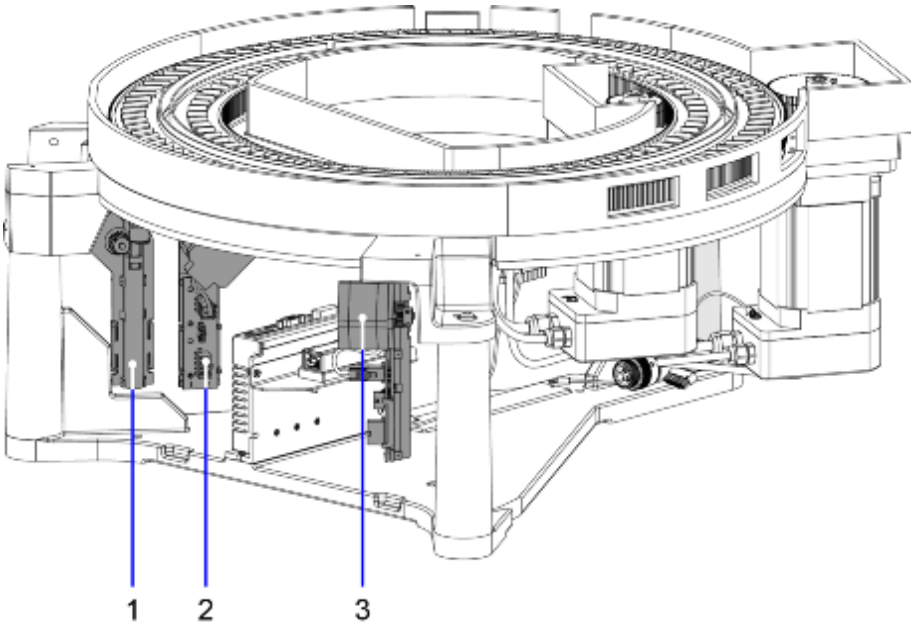
Fig. 20: Remove the Bottom Cover



(1) 3 Screws

5. Remove ring elevators, from the following locations:
   a) **Outer Ring Up to Ring Elevator**: (located at the front, left)
   b) **Inner Ring Up to Ring Elevator**: (located at the front, left)
   c) **Wash Ring Down to Inner Ring Elevator**: (located at the front, far right)

Fig. 21: Removing the Elevators



(1) Wash Ring Down to Inner Ring Elevator
(2) Inner Ring Up to Ring Elevator
(3) Outer Ring Up to Ring Elevator

6. Unscrew 1 screw clamp for each of the ring elevators.
7. Remove each elevator from the system.

5.3 Install the Incubation Ring Elevators

1. Place a ring elevator in one of the following locations:
   a) **Outer Ring Up to Ring Elevator** : (located at the front, left)
   b) **Inner Ring Up to Ring Elevator**: (located at the front, left)
   c) **Wash Ring Down to Inner Ring Elevator**: (located at the front, far right)
2. Tighten 1 screw clamp for each wash ring elevator.

5.4 Final Work Steps

1. Run Autocheck.
   a) Click the **Autocheck** tab.
   b) Click **Start Autocheck**.
   c) Resolve any issues or errors that are found.
2. Perform the Post-Service Checklist for all the analyzers, DL, SH, and/or SHC that apply to this service visit:

Tab. 5 Post-Service Checklists and Instructions

	Instructions	Checklist
CH	(➔ Post-Service Instructions / LDAT-010.836.01)	(➔ Post-Service Report / LDAT-010.837.01)
DL	(➔ Post-Service Instructions / LDAT-040.836.01)	(➔ Post-Service Checklist / LDAT-040.837.01)
IM	(➔ Post-Service Instructions / LDAT-030.836.02)	(➔ Post-Service Protocol / LDAT-030.837.02)
SH	(➔ Post-Service Instructions / LDAT-020.836.01)	(➔ Post-Service Protocol / LDAT-020.837.01)
SHC	(➔ Post-Service Instructions / LDAT-021.836.02)	(➔ Post-Service Protocol / LDAT-021.837.02)

The recommended trend codes for this procedure are:
- Keyword 1: Incubator Ring
- Keyword 2: Elevator

These trend codes may not apply to every situation.

6.1 Preparation

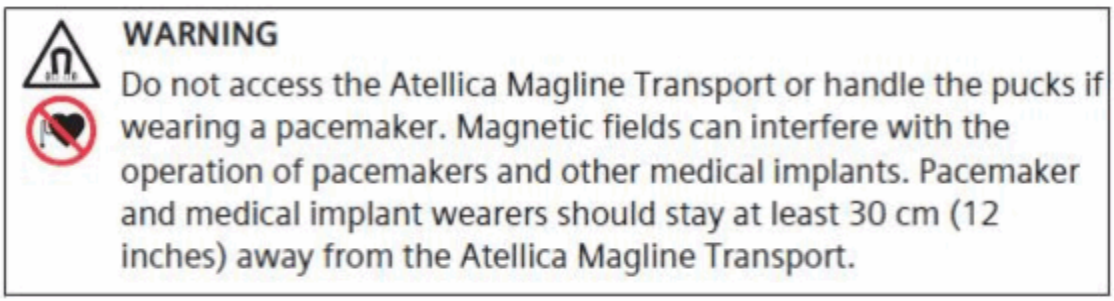
6.1.1 General Information

Read this procedure in its entirety before starting the replacement.

The time to complete this procedure is three hours.

For general safety information, refer to the Safety section of the Atellica Solution CB-DOC.

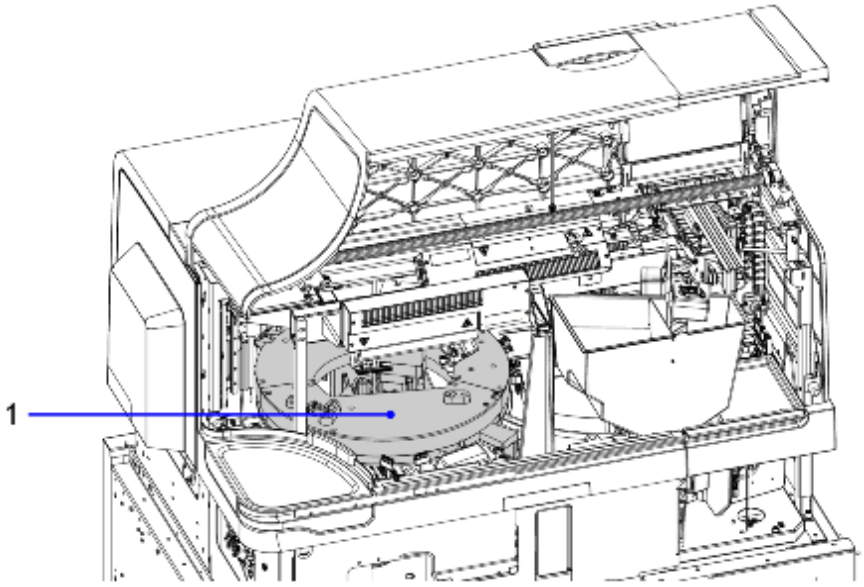
Fig. 22: Strong Magnetic Field / No Pacemakers Warning



6.1.2 Material Information

6.1.2.1 Parts

Fig. 23: Incubation Ring Assembly



(1) Incubation Ring

Refer to the 3D Parts Locator (→ Incubation Ring / LDAT-030.844.03) for component locations.

6.1.2.2 Tools and Supplies

- T8 Torx Driver
- T9 Torx Driver
- T20 Torx Driver
- T25 Torx Driver
- T27 Torx Driver
- Torx Driver Extension

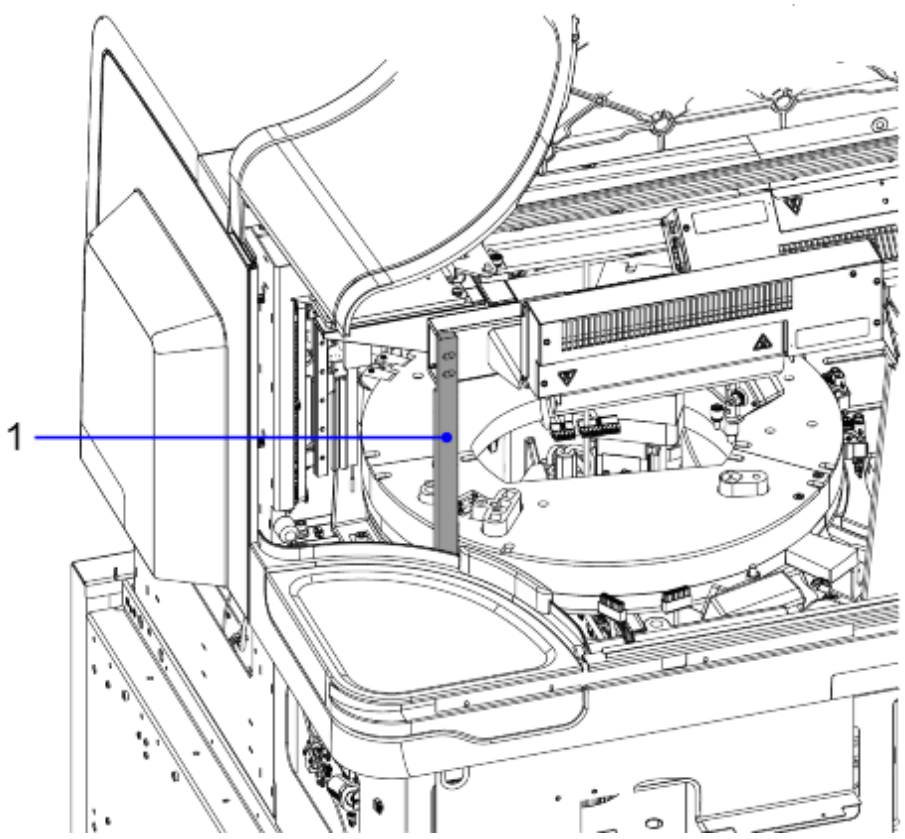
6.2 Remove the Incubation Ring

1. Remove all reagent packs from the reagent compartment.
2. (➔ Remove the Luminometer / LDAT-030.841.01)
3. (➔ Remove the Aspirate Probes / LDAT-030.841.11)
4. (➔ Remove the Cuvette Channel / LDAT-030.841.04)
5. (➔ Remove the Wash Ring Assembly / LDAT-030.841.05)
6. Remove the support bar:

   a) Use a pen or marker to trace the location of the support bar on both the top and bottom parts it connects to.

   b) Use a T27 Torx driver to remove 4 screws, 2 at the top and 2 at the bottom of the bar.

Fig. 24: Removing the Support Bar



(1) Support Bar

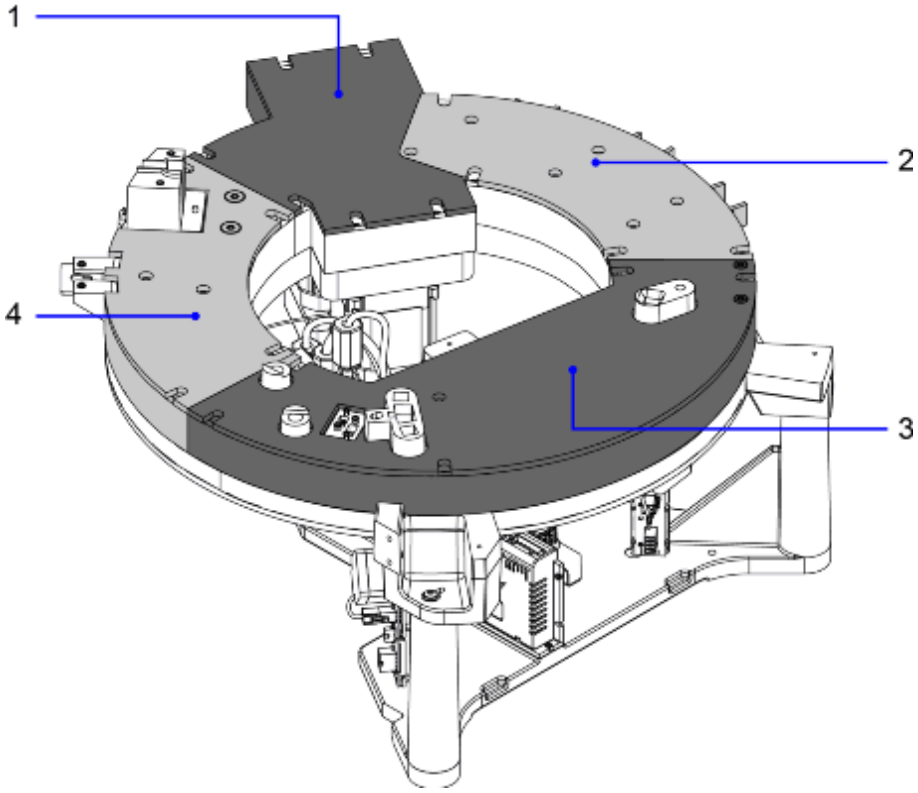
7. Remove the incubation ring cover:

   a) Disconnect the following sensors: inner and outer ring home sensor board and inner and outer ring cuvette presence sensor.

   b) Use a T20 Torx driver to loosen 3 screws for the reagent probe rinse wells.

   c) Use a T20 Torx driver to remove screws for each section of the cover.

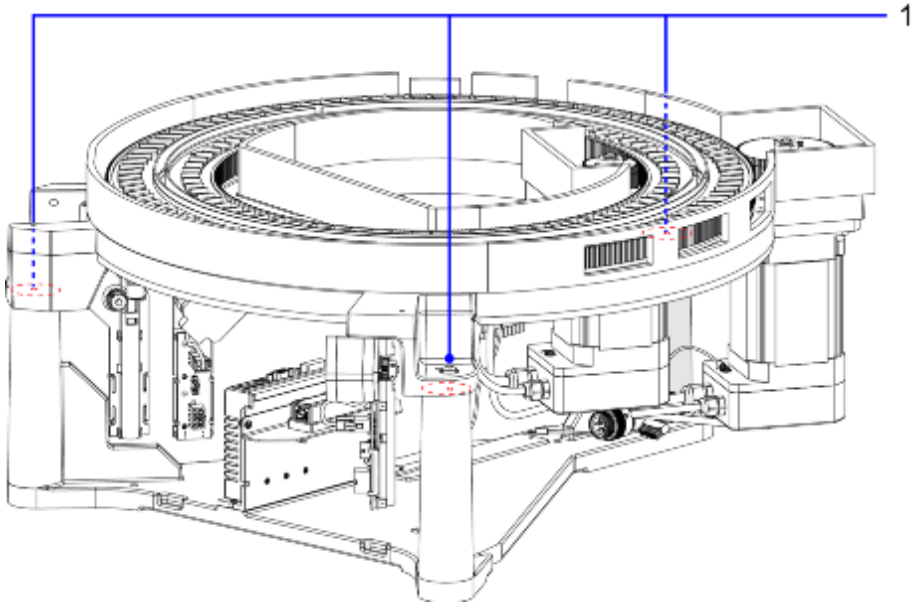
Fig. 25: Incubation Ring Cover



(1) Motor Cover
(2) Reagent Cover
(3) Elevator Cover
(4) Sample Cover

8. Unscrew 3 screws for the mounting plate.

Fig. 26: Removing the Mounting Plate

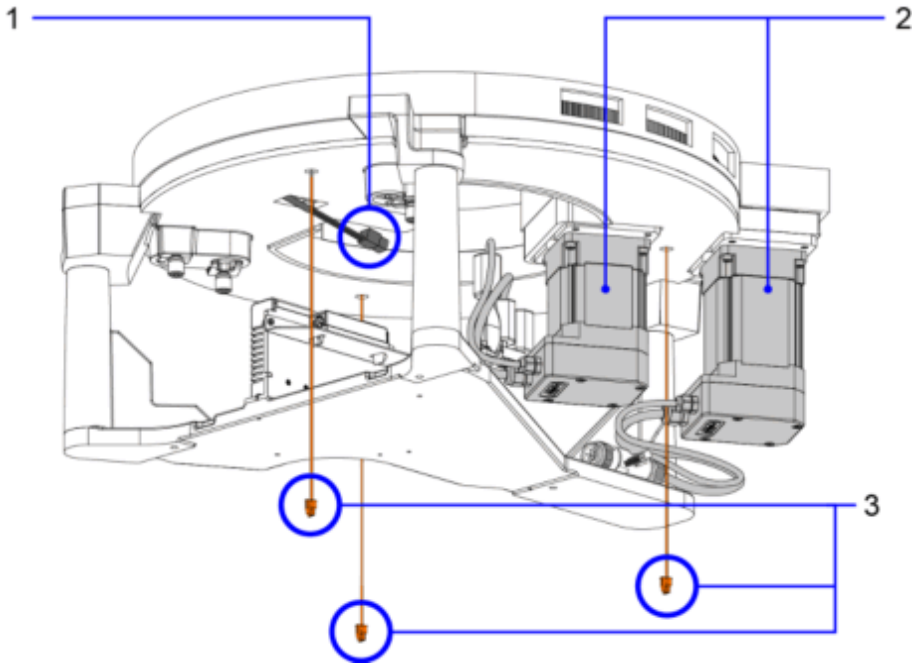


(1) 3 Screws

9. (➔ Remove the Incubation Ring Elevators / Page 33)
10. Disconnect the 3 thermistors:

    a) Thermistor located at the front, near the luminometer – disconnect 1 connector.
    b) Thermistor located at the back, left, near the sample probe – disconnect 1 connector near the blue driver board.
    c) Thermistor located in the back between the 2 incubation ring motors - disconnect 1 connector, easiest to access from the front.

Fig. 27: Removing the Thermistors



(1) Heater Foil Connector
(2) Inner Ring and Outer Ring Motors
(3) Thermistors

11. Disconnect connections for inner and outer ring motors:

    a) Disconnect 2 cables for each motor, 1 white and 1 black.
    b) From 1 motor, loosen the green screw that holds a ground wire (with a spade end). Only the inner ring motor is grounded.

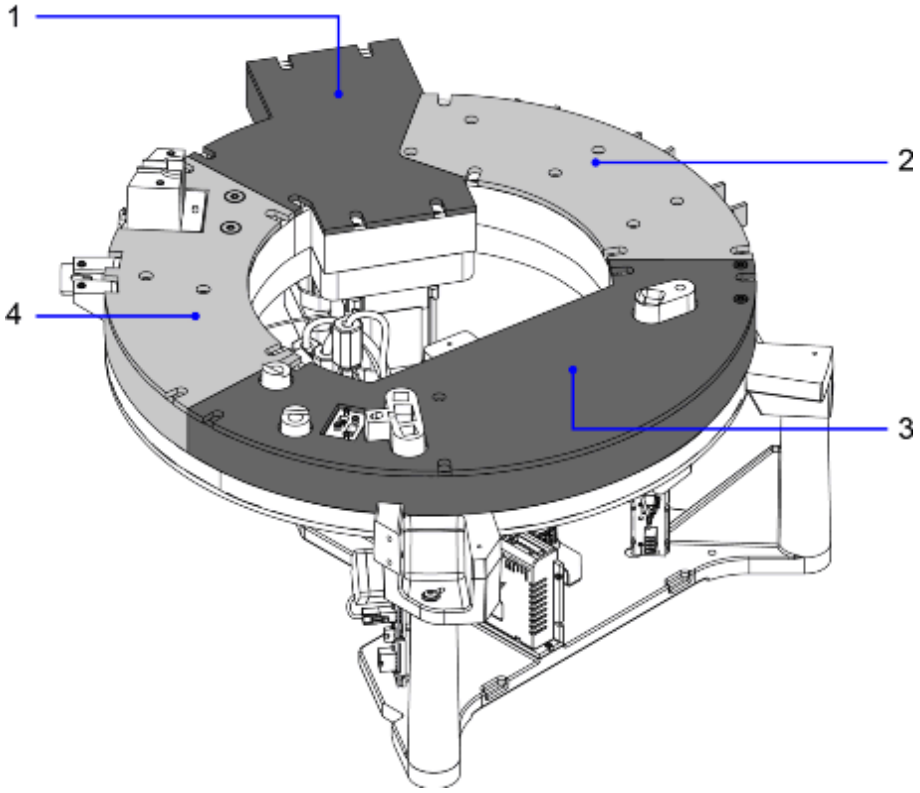
    Disconnect the heater foil connector (the connector with the red wire).
12. Pin the motor gears temporarily by inserting a 3 mm pin into the through hole in both gears to maintain the antibacklash gear in the meshed position.
13. Remove the inner and outer ring motors. (➔ Remove the Outer Ring and Inner Ring Motors / Page 7)
14. Remove the incubation ring:

    a) Remove the sample tip waste chute from the back of the IM Analyzer.
    b) Lift the incubation ring out of the IM Analyzer.

6.3 Install the Incubation Ring

1. Place the incubation ring in the IM Analyzer.
2. Install the sample tip waste chute.
3. Replace and reconnect the motors.
4. Reconnect the thermistors.
5. Replace the elevators.
6. Install the Incubation Ring Cover:

Fig. 28: Incubation Ring Cover



(1) Motor Cover
(2) Reagent Cover
(3) Elevator Cover
(4) Sample Cover

   a) Use a T20 Torx driver to tighten screws for each section of the cover. Install the cover in the following order:
      a) Back right (over the motors because it is easiest to align)
      b) Front
      c) Left front
      d) Right front
   b) Connect 3 sensors: inner and outer ring home sensor board and power.
   c) Use a T20 Torx driver to tighten 3 screws for the reagent probe rinse wells.
7. Tighten 3 screws for the mounting plate.

8. Connect 3 thermistors:
    a) Thermistor located at the front, near the luminometer – connect 1 connector.
    b) Thermistor located at the back, left, near the sample probe – connect 1 connector near the blue driver board.
    c) Thermistor located in the back between the 2 incubation ring motors - connect 1 connector, easiest to access from the front.
9. Connect the inner ring cuvette presence sensor.
10. Connect connections for inner and outer ring motors:
    a) Connect 2 cables for each motor, 1 white and 1 black.
    b) From 1 motor, tighten the green screw that holds a ground wire (with a spade end). Only the inner ring motor is grounded.
11. Connect the heater foil connector (the connector with the red wire).
12. Install the sample tip waste chute from the back of the IM Analyzer.

6.4 Final Work Steps

1. Perform an Incubation Ring Alignment (➔ Incubation Ring / LDAT-030.842.04).
2. Run Autocheck.
   a) Click the **Autocheck** tab.
   b) Click **Start Autocheck**.
   c) Resolve any issues or errors that are found.
3. Perform the Post-Service Checklist for all the analyzers, DL, SH, and/or SHC that apply to this service visit:

Tab. 6 Post-Service Checklists and Instructions

	Instructions	Checklist
CH	(➔ Post-Service Instructions / LDAT-010.836.01)	(➔ Post-Service Report / LDAT-010.837.01)
DL	(➔ Post-Service Instructions / LDAT-040.836.01)	(➔ Post-Service Checklist / LDAT-040.837.01)
IM	(➔ Post-Service Instructions / LDAT-030.836.02)	(➔ Post-Service Protocol / LDAT-030.837.02)
SH	(➔ Post-Service Instructions / LDAT-020.836.01)	(➔ Post-Service Protocol / LDAT-020.837.01)
SHC	(➔ Post-Service Instructions / LDAT-021.836.02)	(➔ Post-Service Protocol / LDAT-021.837.02)

7.1 Version 03

Updated the section “Remove the Outer Ring and Inner Ring Motors” to include steps to power off the system (→ Remove the Outer Ring and Inner Ring Motors / Page 7).

7.2 Version 02

Initial publication to CB-DOC.

The list shows the Hazard IDs of this document.

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  - If inserted incorrectly, the isolator plates could pull through the insulator plate material. (Page 9)

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