



EBA 270 Centrifuge

Transport Hardware Removal Instructions



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Document History

Revision	Date	CO	Supersession	Revision Description
A	13 NOV 2013*	8907	n/a	Initial release.

* Date submitted for Change Order review. Actual release date may vary.

Section I: General Information

1 About this Instruction

1.1 Intended Audience

This instruction is intended for use by end users of the centrifuge and authorized service technicians.

1.2 Model References

n/a

1.3 Copyright and Trademark

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2 Safety

The operator or technician performing maintenance or service on Helmer Scientific products must (a) inspect the product for abnormal wear and damage, (b) choose a repair procedure which will not endanger his/her safety, the safety of others, the product, or the safe operation of the product, and (c) fully inspect and test the product to ensure the maintenance or service has been performed properly.

2.1 Safety Definitions

The following general safety alerts appear with all safety statements within this manual. Read and abide by the safety statement that accompanies the safety alert symbol.



NOTICE The safety statement that follows this safety alert symbol indicates a situation which, if not avoided, could result in damage to the product or stored inventory.

2.2 Product Labels

The following general safety and information alerts appear on the product to identify potential hazards to the operator or service technician.



Caution: Risk of damage to equipment or danger to operator

2.3

Avoiding Injury

- ▶ Review safety instructions before installing, using, or maintaining the equipment.
- ▶ Before moving unit, remove contents from the rotor.
- ▶ Before moving unit, ensure lid is closed and latched.
- ▶ Before moving unit, disconnect the AC power cord and secure the cord.
- ▶ Never physically restrict any moving component.
- ▶ Avoid removing electrical service panels and access panels unless so instructed.
- ▶ Keep hands away from pinch points when closing the lid.
- ▶ Avoid sharp edges when working inside the electrical compartment and refrigeration compartment.
- ▶ Proceed with caution when adding and removing samples from the centrifuge.
- ▶ Use supplied power cord only.
- ▶ Using the equipment in a manner not specified by Helmer Scientific may impair the protection provided by the equipment.
- ▶ Decontaminate parts prior to sending for service or repair. Contact Helmer Scientific or your distributor for decontamination instructions and a Return Authorization Number.

3

General Recommendations

3.1

Intended Use

The transport hardware is intended for installation on the EBA 270 centrifuge if the centrifuge is to be shipped to Helmer for service, or for shipping to an alternate facility.

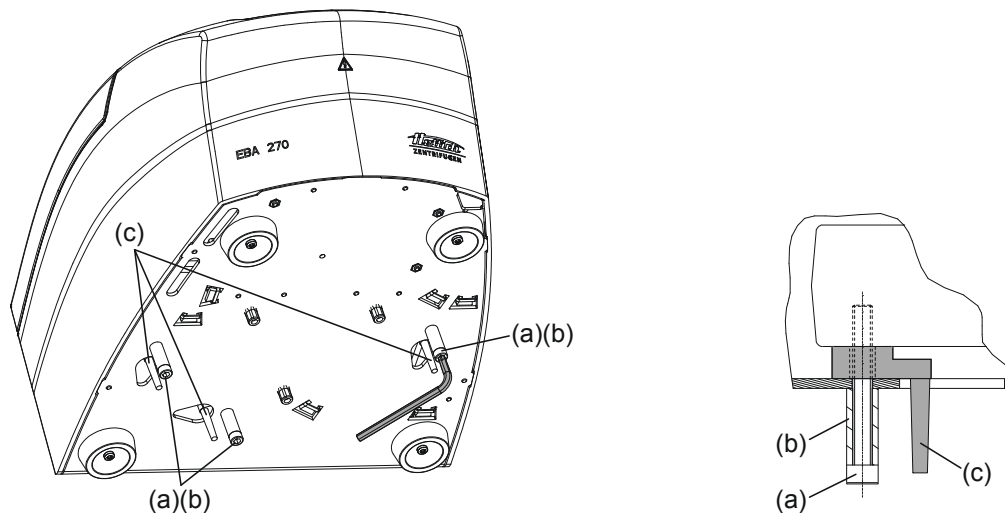
Section II: Hardware Removal

Required tools:

- ▶ 5mm Allen wrench

Remove bolts:

- 1 Remove the three screws (a) and sleeves (b).



- 2 Remove the transport protection fittings (c).
- 3 Put the centrifuge into operation as noted in the operation manual.



NOTICE To prevent damage to the centrifuge, the transport bolts must be removed prior to using the centrifuge.

- 4 Open the lid and remove the rubber band, located around the rotor carrier.



NOTE Do not discard the rubber band, transport bolts, sleeves, and transport fittings. If the centrifuge must be returned for service, the transport hardware must be reinstalled.

END OF INSTRUCTION

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