

Applicable to models:

Washers
H2000 Series

Continental Girbau

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CLEANING INVERTER

INSTRUCTIONS



WARNING!!

INSPECTION, MAINTENANCE OR REPAIR PROCEDURES.

- The interventions outlined in these instructions are solely for the use of Technical Services personnel Authorised by the manufacturer. Any intervention by personnel without the manufacturer's authorisation will be considered inappropriate and will automatically invalidate the washing machine's warranty.
- The manufacturer will not accept responsibility for any physical and/or material damage resulting from any intervention by unauthorised personnel.
- The safety procedures outlined in the Installation Handbook are mandatory and must be consulted before any procedure is carried out on the washer.
- You are advised not to carry out any procedure on the machine without first having carefully read the washing machine's installation and operating handbooks, paying special attention to the safety instructions.
- Undertaking any inspection, maintenance or repair work without implementing the necessary safety procedures and having the technical knowledge may cause an **ELECTRIC SHOCK OR SERIOUS ACCIDENT.**
- **COMPLETELY** disconnect the machine from the original power source and check for accidental reconnection.
- Disconnect the electrical connection from the external dosing to the washer. These circuits are independent of the supply to the washer.
- Moving the **ON** switch to the OFF position is not sufficient
- Wait a minimum of (5) five minutes after disconnection to ensure the elimination of residual voltage within the machine.
- Close and mechanically interlock the water supply valves and check that machine has **COMPLETELY** drained, parts have cooled down and that no pieces are in movement through inertia.

1. Presentation

1.1 Introduction

- The appearance of the overheating alarm for the OH1 and OH3 inverters seen on the washer's display screen such as the A-11 and A-13 can be caused by the accumulation of dirt and lint on the inside rear part of the inverter, making it difficult to adequately ventilate the equipment. For this reason it is essential to periodically clean the inverter to maintain good ventilation and thus avoid the overheating problems.
- The maintenance and cleaning manual is aimed at H2000 series machines with Fuji inverters to avoid any possible malfunctioning or the appearance of the machine's inverter alarms.

2. Preparation

2.1 Tool requirements

- Phillips screwdriver
- Screwdriver Torx 25.
- 10mm socket spanner.
- A soft brush and a dry cloth.

3. Cleaning inverter

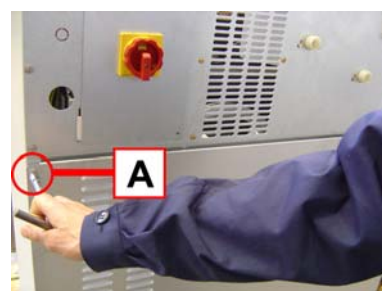
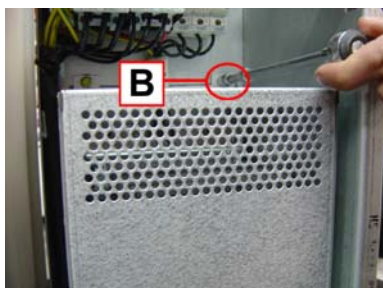
3.1 Cleaning inverter machines H2018/30

1. Remove the rear cover with the help of the Torx screwdriver (*fig. 1 / A*).
2. Remove the plastic protection cover from the inverter (*fig. 2*).
3. Be very careful not to stretch the wiring to the inverter.
4. Clean the back of the inverter with the brush. (*fig. 3*).
5. Replace the inverter's plastic protection cover.
6. Replace and fix the machine's rear cover.

**Fig. 1****Fig. 2****Fig. 3**

3.2 Cleaning inverter machine H2055

1. Remove the rear cover with the help of the 10mm socket spanner. (*fig. 1 / A*).
2. Remove the inverter's Cem protection casing using the 10mm socket spanner. (*fig. 2 / B*).
3. Remove the top screws from the inverter with the Phillips screwdriver. (*fig. 3 / C*).
4. Slightly loosen the inverter's two bottom screws (*fig. 3*).
5. Move the inverter upwards, separating it from the machine and taking care not to stretch the wiring.
6. Clean the back of the inverter using the brush and cloth. (*fig. 4*).
7. Put the inverter back in place
8. Replace the inverter's Cem protection casing.
9. Replace and fix the machine's rear cover.

**Fig. 1****Fig. 2****Fig. 3****Fig. 4**

3.3 Cleaning inverter machine H2090

1. Remove the rear cover with the help of the 10mm socket spanner. *(fig. 1 / A)*.
2. Remove the inverter's Cem protection casing using the 10mm socket spanner. *(fig. 2 / B)*.
3. Remove the top screws from the inverter with the Phillips screwdriver. *(fig. 3 / C)*.
4. Slightly loosen the inverter's two bottom screws *(fig. 3)*.
5. Move the inverter upwards, separating it from the machine and taking care not to stretch the wiring.
6. Remove the four screws from the inverter's rear cover. *(fig. 4 / D)*.
7. Remove the two screws from the top of the inverter's fan *(fig. 5 / E)*.
8. Clean the back of the inverter using the brush and cloth *(fig. 6)*.
9. Replace the rear cover to the inverter and the fan.
10. Put the inverter back in place
11. Replace the inverter's Cem protection casing.
10. Replace and fix the machine's rear cover.

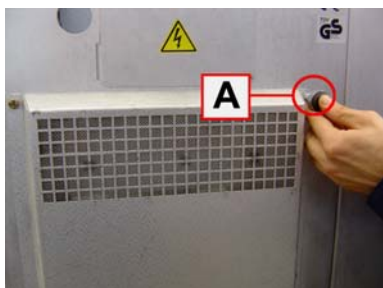


Fig. 1

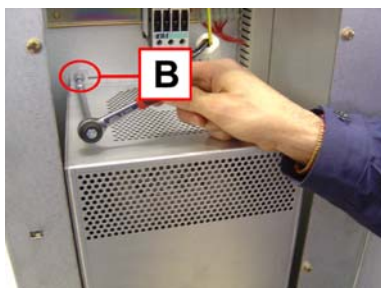


Fig. 2



Fig. 3

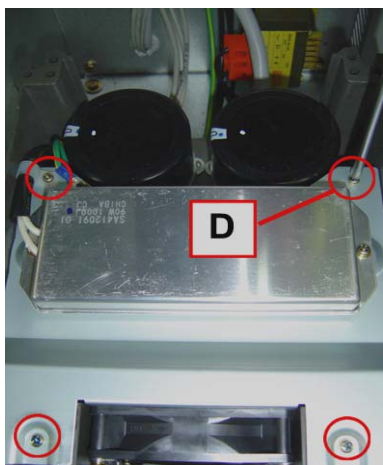


Fig. 4

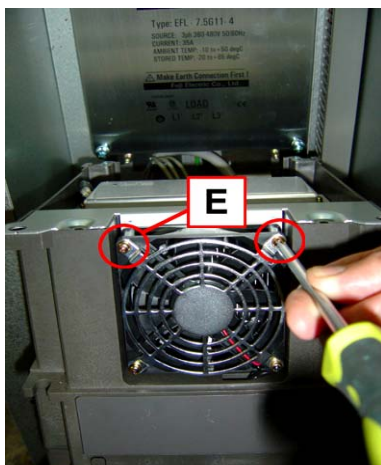


Fig. 5

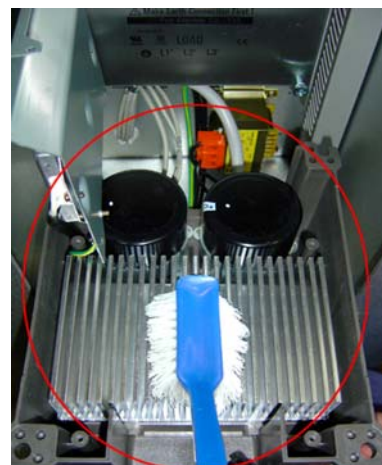
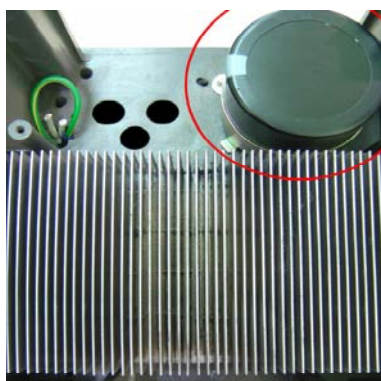


Fig. 6



Caution! 208 / 240V machines:

In some models of machines the inverter may come with only a capacitor.



3.4 Cleaning inverter machine H2130

1. Remove the rear cover with the help of the 10mm socket spanner. (*fig. 1 / A*).
2. Remove the protection cover using the Torx screwdriver (*fig. 2 / B*).
3. Remove the top screws from the inverter with the Phillips screwdriver. (*fig. 3 / C*).
4. Slightly loosen the inverter's two bottom screws (*fig. 3*).
5. Move the inverter upwards, separating it from the machine and taking care not to stretch the wiring.
6. Remove the four screws from the inverter's rear cover. (*fig. 4 / D*).
7. Remove the four screws from the top of the inverter's fan (*fig. 5 / E*).
8. Clean the back of the inverter using the brush and cloth (*fig. 6*).
9. Replace the rear cover to the inverter and the fans.
10. Put the inverter back in place
11. Replace the protection cover.
12. Replace and fix the machine's rear cover.

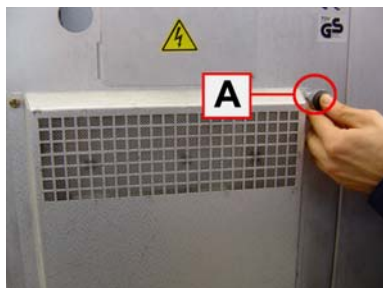


Fig. 1

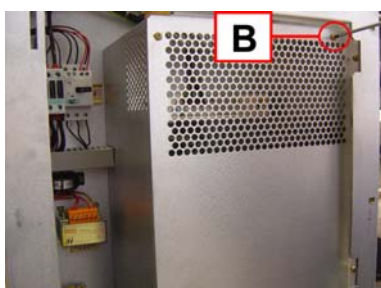


Fig. 2



Fig. 3

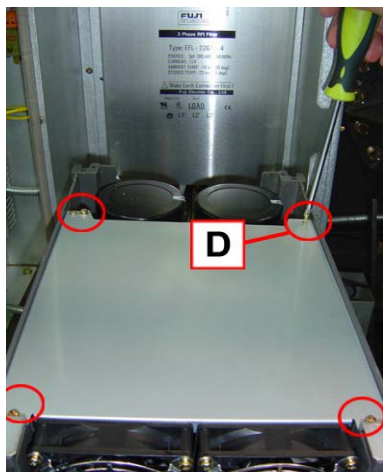


Fig. 4

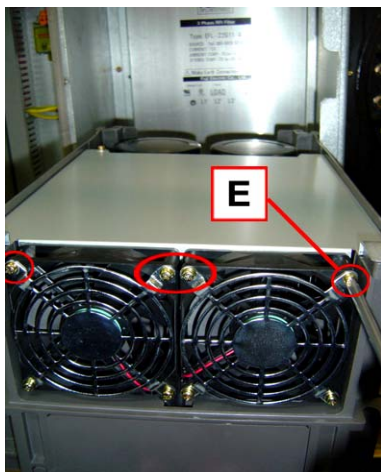


Fig. 5

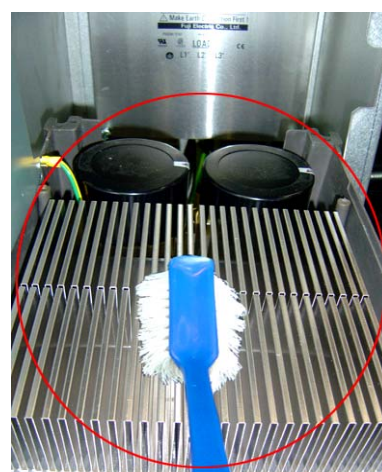


Fig. 6

**Caution! 208 / 240V machines**Refer to section 3.3. *Cleaning inverter machine H2090.*

3.5 Cleaning inverter machine H2255

1. Remove the rear cover with the help of the 10mm socket spanner. (*fig. 1 / A*).
2. Remove the protection cover using the Torx screwdriver (*fig. 2 / B*).
3. Remove the top screws from the inverter with the Phillips screwdriver. (*fig. 3 / C*).
4. Slightly loosen the inverter's two bottom screws (*fig. 3*).



CAUTION

INVERTER WEIGHT 12KG.

5. Move the inverter upwards, separating it from the machine and taking care not to stretch the wiring. Take care not to incur any injuries and not to damage the brake unit located on the lower left hand side (*fig. 4*).
6. Remove the four screws from the inverter's rear cover (*fig. 5 / D*).
7. Remove the four screws from the top of the inverter's fan (*fig. 6 / E*).
8. Clean the back of the inverter using the brush and cloth (*fig. 7*).
9. Replace the rear cover to the inverter and the fans.
10. Put the inverter back in place
11. Replace the protection cover.
12. Replace and fix the machine's rear cover.

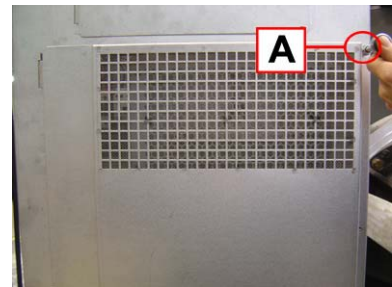


Fig. 1

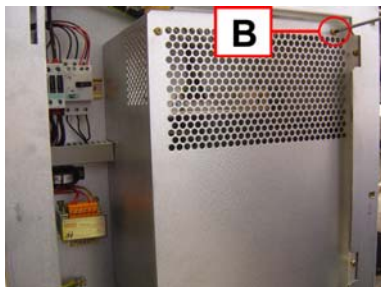


Fig. 2



Fig. 3



Fig. 4

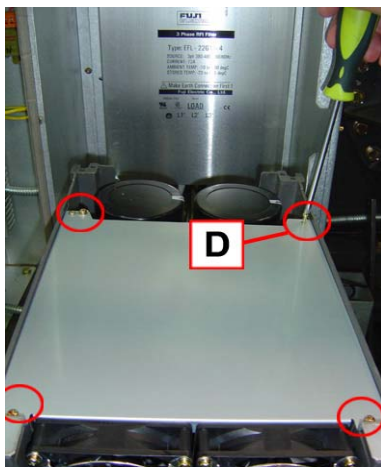


Fig. 5

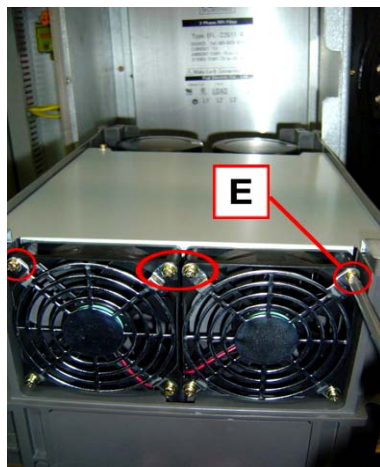


Fig. 6



Fig. 7