Replacing the registration block contacts

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Product

- Magnus VLF MCU
- Magnus VLF CL

FCO priority

Next failure

Machines affected MT001 to MT090

Background

The current registration contact block contacts are an uncontrolled grade of stainless steel that do not always provide a reliable electrical contact.

Solution

The new contacts are plated with nickel to provide a much more reliable electrical contact.

Time required Approximately one hour.

Parts required

Part Number	Part Name	Quantity
512-00287B	FCO kit	1

Tools required

- Metric socket drivers (690-00592A)
- Metric hex keys
- Needle nose pliers
- Hammer
- Punch – 3 mm (1/8 in.) diameter

Procedure

1. Enter the following commands:

   a. `>>lec off`

   b. `>>roller off`

   c. `>>drum idle`

   d. `>>door unlock`

2. Open the rear hood.
3. Remove the two screws holding the registration contact block to the drum. Be careful not to damage registration pin wires. Most registration contact blocks are black and not white as shown in the photo on page 2.
4. Remove the registration contact block's back plate.

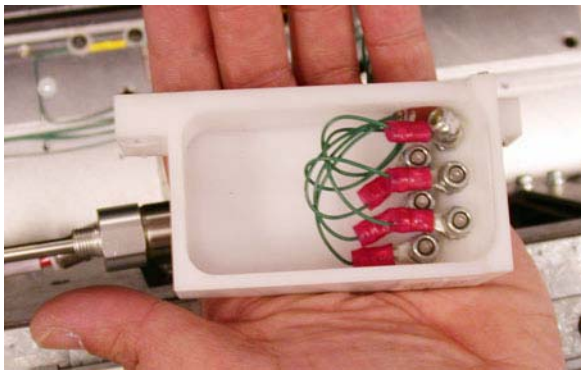


Figure 1: Registration contact block

5. Remove the contacts in the registration contact block and replace them with the new ones of equal length. Ensure that the nuts are tightened such that the top of the contact face is flush with the top face of the registration contact block.

Note: If the contacts are held tight in the block after removing the nuts, use a hammer and punch to tap them out.

6. Install the registration contact block's back cover.
7. Attach the registration contact block to the drum.
8. Close the rear hood and type `>>door lock` to lock the doors in place.
9. Type `>>drum init` .
10. Test the connections by operating the device

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