Replacing the Ejector Rail

Document number:

Product

- Magnus VLF CL
- Magnus VLF MCU

Background

The ejector rail can be changed without removing the ejector track assembly from the device. The ejector rail is the round rod that the ejector carriage bearings travel along.

The screws that hold the ejector rail in place require a hex bit that attaches to a ratchet. The clearance below the ejector is limited so a hex key will not fit.

Time required

Parts required

Part Number	Part Name	Quantity
252-03725A	Ejector rail	1
Optional parts:		
252-01142A	Rails mounts (short)	7
57-9311A	Rail mount (long)	1
52-5136	M5 screw	28
52-4753	M5 washer	28
52-4247	M6 washer	28

Tools required

- Hex bit 6 mm
- Ratchet handle (60-70 mm long)

  or

- Folding hex key set

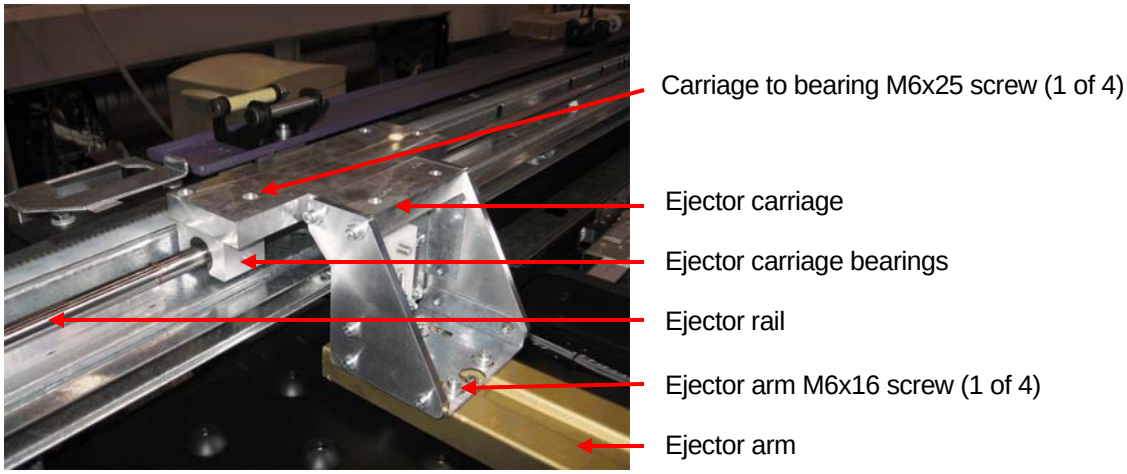
Reference

Ejector arm mount assembly drawing	500-00501A
Ejector arm and mount assembly drawing	500-01113B

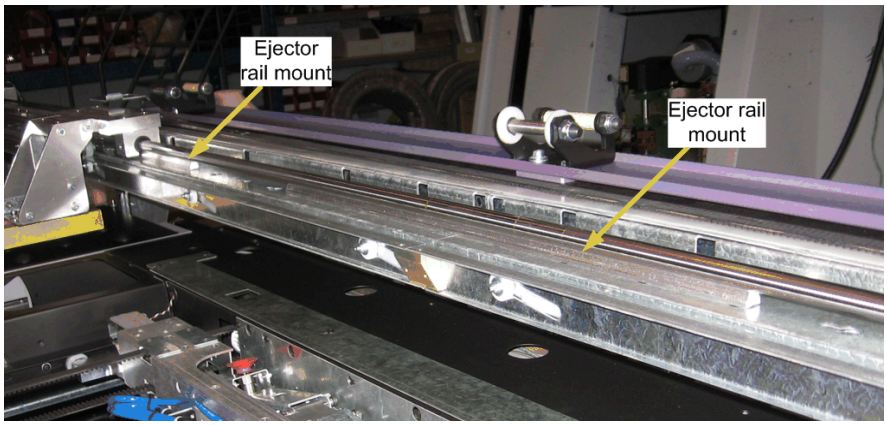
Procedure

1. Unlock the device's panels from Print Console or from Service Shell and open the front and rear hood.
2. Disconnect the carriage from the ejector belt by removing the two screws that attach the belt bracket to the carriage. Be sure to leave the belt attached to the bracket.

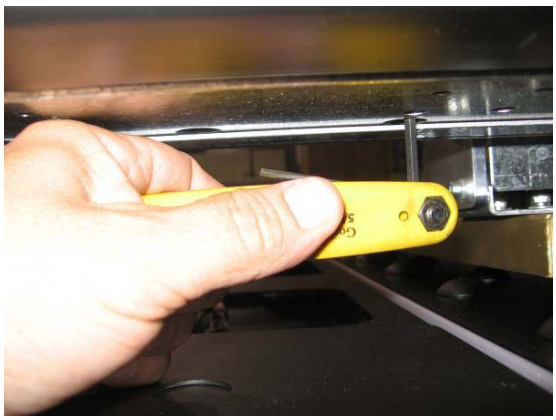
3. Remove the four M6 ejector arm screws that attach the ejector arm to the ejector carriage. Carefully remove the ejector arm from the device. See assembly drawings 500-00501 and 500-01113.



4. Remove the four screws that hold the ejector carriage to the ejector carriage bearings and remove the carriage assembly.
5. Mark the location of the eight rail mounting blocks in case they move while removing the ejector rail.



6. Remove the 28 ejector rail mounting screws inside the ejector track assembly using a folding hex key tool or a hex key on a ratchet handle. The unload table is just below the ejector track assembly so there is limited clearance for a normal hex key.





7. Remove the ejector rail and bearings through the plate exit opening and out over the plate processor.

   Note: Take care that the carriage bearings do not fall off the rail while removing it.

8. Take note of the orientation of the carriage bearings and remove the bearings from the rail.

   Tip: There is an adjustment screw on one side of the bearing that will help to keep the orientation of the bearing the same. Do not adjust the screw.

9. Carefully unpack the new ejector rail and slide the two carriage bearings onto the new rail.
10. Pass the rail into the device the same way as the old one was removed.
11. Insert and tighten the 28 mounting screws for the mounting blocks and ejector rail.
12. Position the ejector carriage on the carriage bearings and fasten it with four screws.
13. Attach the ejector arm to the ejector carriage assembly with four screws.
14. Move the ejector by hand along its full travel distance to confirm that there are no obstructions or interferences.
15. Close all panels and hoods and run some plates to confirm that it is operating correctly.

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Date submitted	19 Sep 2005
Last updated	04 Oct 2005