Kodak

Magnus VLF

Camera Shim Installation

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1. BACKGROUND

Loosening fasteners on the edge detect camera can be very difficult to do. The pads under the camera housing are not under the fastener, and the camera can pivot on the pads. When the fastener closest to the home side of the device is tightened, the force on the two away side bolts increases dramatically.

The easiest solution is to loosen the home side fastener before the two away side fasteners. It may also be necessary to tap the housing lightly for it to pivot again, which will make loosening the away side fasteners much easier. Unfortunately, this solution is not obvious.

To prevent the pivoting, which is the cause of the problem in the first place, install a shim under the camera that is slightly thinner than the pads.

2. PARTS/TOOLS

Camera shim kit: 512-00420A (see FCO CA11617)

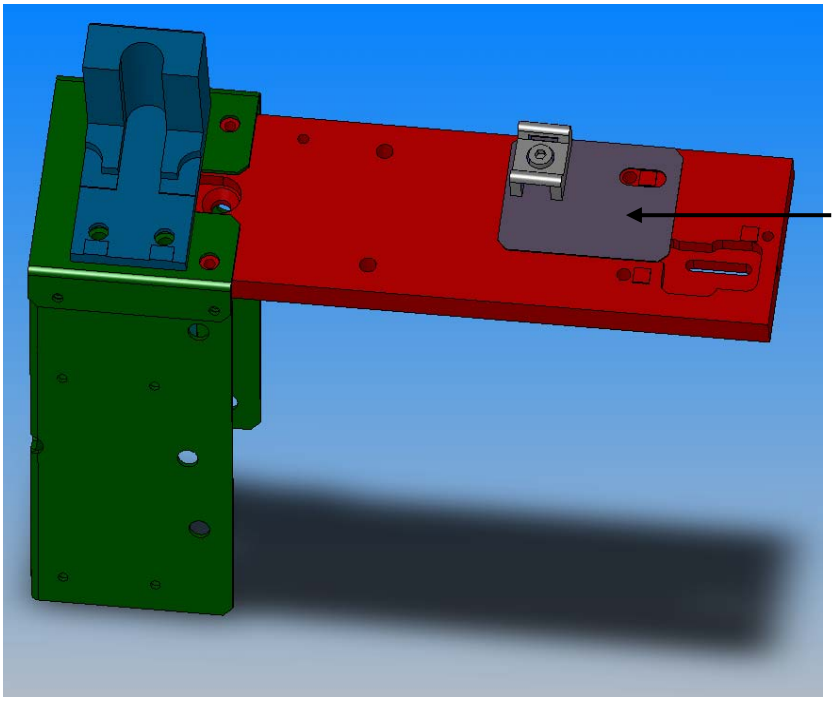
3. PROCEDURE

1. Move the carriage to the head access location. Type:

   ```
   >>carriage moveto 1050
   ```

2. Type >>door unlock to open the front hood.
3. Remove the load table rails and unload table panels in the center to allow access to the head area.
4. Remove the center front panel and the laser shroud panel to gain access to the edge detect camera.
5. Remove the camera assembly from the camera post.
6. Remove the camera body from the assembly.
7. Remove the cable tie mount nearest to the camera body.

8. Install the shim as shown below and reinstall the cable tie mount—ensure that the shim does not interfere with the housing mount.



9. Reinstall the camera body without tightening it down.
10. Reinstall the camera assembly on the post.
11. Realign the camera to the drum. See the Camera Installation and Calibration document on TechPlanet for details on how to do this.
12. Install the head access panels.
13. Test the camera functionality after installing the shim to ensure that the camera can still find the plate edges.