SSR Access Panel Switch Bracket Upgrade

Document number: 719-00438A

Product	FCO priority
Magnus VLF Multi-Cassette Unit Slip Sheet Removal (SSR) unit	Next visit

Background

SSR rear service access panel switch can be damaged when the access panel above it moves.

Solution

Install the upgrade kit to prevent the panel from moving above the switch. The upgrade includes:"

- Installing the access panel switch protector plate.
- Replacing the version A switch bracket with the version B bracket.
- Adjusting the access panel switch.

Parts required

Part Number	Part Name	Quantity
512-00247A	FCO CA06338 Upgrade kit	1

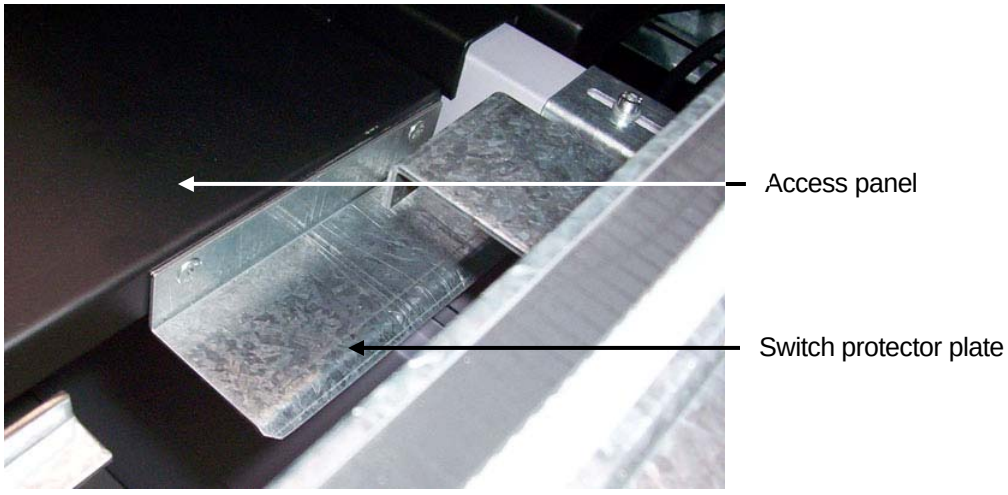
Tools required

For example:

- Hex keys
- 7 mm open wrench or socket
- 1 mm shim

Installing the access panel switch protector plate

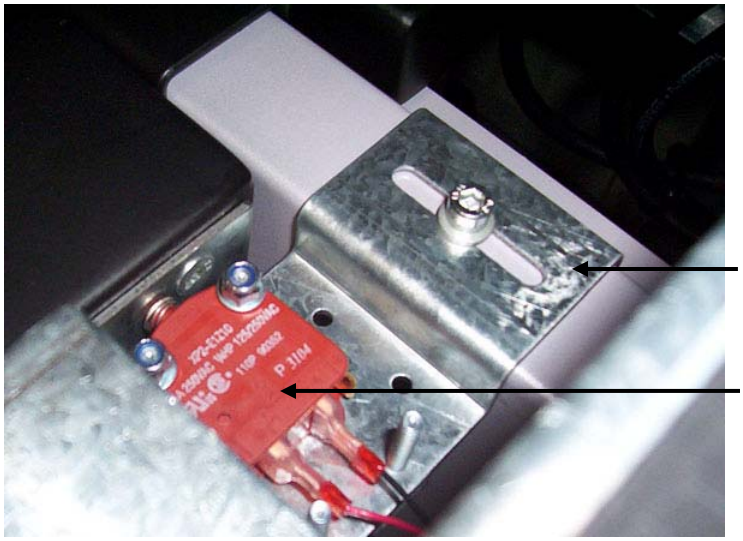
1. Open the SSR rear service access panel.
2. Install the switch protector plate on the rear service access panel using two M5x12 flat-head screws.



Replacing the switch bracket

Because the switch mounting screws will interfere with the new switch protector plate, the switch bracket must be replaced with a version B bracket. The new switch bracket has pem-studs to mount the switch instead of pem-nuts and screws.

1. Remove the two M4 screws holding the switch to the switch bracket and put the switch to one side (it is not necessary to disconnect the cables from the switch).
2. Remove the M5 screw securing the switch bracket and remove the bracket.
3. Install the new switch bracket and secure it with the M5 screw and washer. Do not tighten the M5 screw yet.
4. Position the switch on the two pem-studs and secure it with two M4 nylock nuts.



Adjusting the access panel switch

The switch must be adjusted so that when the rear service access panel is up and locked in position, the switch plunger will have about 1 mm of stroke to full compression.

1. Close the rear service access panel. Pull the switch bracket back while closing the access panel to prevent the switch from being damaged.
2. Put a 1 mm shim between the switch plunger and the access panel and fully compress the switch plunger against the shim.
3. Tighten the M5 screw to secure the switch bracket in place.
4. Remove the shim. The switch plunger should now have a 1 mm stroke to full compression.

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