

AG-MI-2014-01-C-EN – Connector for Micro Switch

Category **C**

EFFECTIVE DATE

28.02.2014

SUPERSEDES/REPLACES

N/A (initial issue)

APPLICABILITY

Cavalon

COMPLIANCE

To be performed **while next maintenance**

BACKGROUND

Improvement / Elimination of an error source

RISK OF NEGLECT

Failure to comply with this instruction/information will result in

- loss of related warranty

SCOPE OF WORK

Replace connector by a crimp connection

AFFECTED AREAS

N/A

SPECIAL TOOLS & CONSUMABLE MATERIALS

N/A

PARTS

V.EL07 Installation Kit Butt Connectors

LABOR AND REQUIREMENTS

To perform 0,25 h

Task may be performed by an organization, pilot or holder

SUPPORT POLICY

Parts f.o.c.

REFERENCES

Manufacturer Maintenance Manual (MMM) in latest revision
MMM 52-40-00 0-1 Description: Service Covers in Cockpit Shell

DOCUMENTATION

The accomplishment of this Manufacturer Information, or the decision of its rejection, must be properly documented, if such procedure is required by the relevant authority.

Warnings Caution and Notes

This instruction uses **WARNINGS**, **CAUTIONS** and **NOTES** in bold italic letters to indicate especially critical and important instructions. The call-outs appear at the top of the Maintenance Job Card if of general nature or applicable for the complete task, or will directly precede the individual Work Step.

The meaning of each call-out is defined below:

WARNING: A warning means that the neglect of the appropriate procedure or condition could result in personal injury or fatal accidents.

CAUTION: A caution means that the neglect of the appropriate procedure or condition could result in damage to or destruction of equipment.

NOTE: A note stresses the attention for a special circumstance, which is essential to emphasize.

Category Codes

- A** Safety critical - failure to comply may result in a significant reduction of flight safety, injury or death
- B** Important - failure to comply may result in reduced safety margin, injury and/or equipment damage
- C** Beneficial - improves operating behaviour, reliability and/or maintainability

COMPLIANCE PROCEDURE

GENERAL, REFERENCES AND REQUIREMENTS

Task may be performed by an organization, pilot or holder
Manufacturer Maintenance Manual (MMM) in latest revision.
MMM 52-40-00 0-1 Description: Service Covers in Cockpit Shell
Secure gyroplane against unauthorized or unintended operation!

SPECIAL TOOLS, CONSUMABLE MATERIALS AND PARTS

N/A

PRECAUTIONS AND SAFETY MEASURES

N/A

PROCEDURES

- 1 Open service cover below seat on right side (52-40-00 0-1)
- 2 Remove cable tie for fixation of connector on base control unit (Fig. 1)
- 3 Cut connector on both sides from cable and dispose connector
- 4 Remove insulation from wires
- 5 Slide shrinking hose on cable, connect wires with butt connectors, crimp butt connectors with proper tool and shrink butt connectors
- 6 Slide shrinking hose on butt connectors and shrink hose
- 7 Fix connected cable with spacer and cable tie on base control unit (Fig. 2)
- 8 Perform function test pre rotator
- 9 Close service cover (52-40-00 0-1)

PARTS LIST

Fig. Pos. Description	PC PIT	Remark
Installation kit butt connectors	L2 V.EL07	-

ILLUSTRATIONS



Fig. 1 – Connector

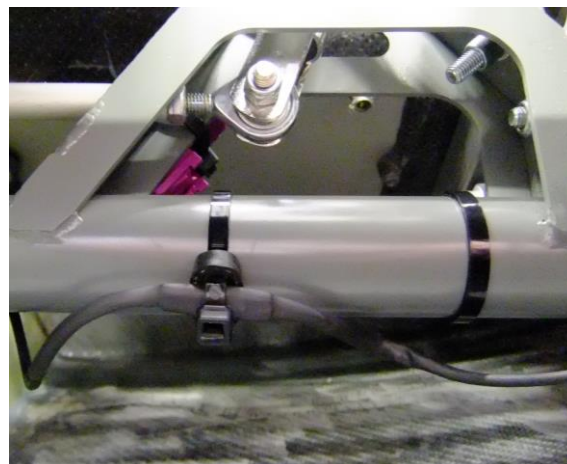


Fig. 2 – Crimp connection