EFFECTIVE DATE
09.12.2014

SUPERSEDES/REPLACES
N/A (initial issue)

APPLICABILITY
MTOsport serial numbers M01173 up to and including M01217 and MTOsport, which are retrofitted with main fuse attachment kit - retrofit kit (M.EL452 / after 07.08.2014)

COMPLIANCE
To be performed within the next maintenance event.

BACKGROUND
Within Quality checks an inaccurate crimp connection was found on the crimp connector joining the cable from the regulator relay to the fuse box

RISK OF NEGLECT
Failure to comply with this instruction/information will result in
- possible damage to the aircraft
- loss of related warranty

SCOPE OF WORK
Inspect crimp connection and replace following cables if necessary:
- Main fuse carrier – relay (see Fig. 1)
- Relay – main fuse carrier (see Fig. 1)

AFFECTED AREAS
N/A

SPECIAL TOOLS & CONSUMABLE MATERIALS

PARTS
For parts please contact AutoGyro:  airworthiness@auto-gyro.com

LABOR AND REQUIREMENTS
To inspect 0.1 h
To accomplish 0.1 h
Task may only be performed by an organization or individual trained and entitled to do 'Line Maintenance' or by the aircraft holder.

SUPPORT POLICY
Parts f.o.c.
REFERENCES
Manufacturer Maintenance Manual (MMM) in latest revision.

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 only be performed by an organization trained and entitled to do 'Line Maintenance' or by the aircraft holder.

Secure gyroplane against unauthorized or unintended operation!

Gyroplane must be placed on level ground and restrained (blocks, chocks)

SPECIAL TOOLS, CONSUMABLE MATERIALS AND PARTS

PRECAUTIONS AND SAFETY MEASURES

Battery must be disconnected, see 24-30-00 4-1, steps 1-2

WARNING Electrical shortcuts will produce high current with the risk of personal injury and damage to equipment!

PROCEDURES

1. Inspect crimp connection of cables marked in Fig. 1 (Accord: Fig. 2 and 3)

2. If crimp connection is wrong, then:

3. Open main fuse box by removing cable ties

4. Disconnect affected cable(s) from fuse and relay, release affected cable(s) by removing cable ties, replace affected cable(s) by new part(s)

5. Assembly in reverse order

PARTS LIST

For parts please contact AutoGyro: airworthiness@auto-gyro.com
ILLUSTRATIONS

Fig. 1 – Main fuse carrier

Fig. 2 – Crimp connection correct/wrong (outside)

Fig. 3 – Crimp connection correct/wrong (inside)