

# Customer Information 01/2010



## Control of Fuel Tanks

### MANDATORY

#### Repeating Symbols:

Please pay attention to the following symbols throughout this document emphasizing particular information:

❖	Warning:	Identifies an instruction, which if not followed, may cause serious injury or even death.
○	Caution:	Denotes an instruction, which if not followed, may severely damage the gyroplane or lead to suspension of warranty.
➤	Note:	Information useful for better handling.

#### 1. Planning information

1.1	Gyroplane affected	MTOsport: all years MT-03: all years
1.2	Reason	During maintenance it has occurred that the edges of some fuel tanks show deformation. Especially on top of the fuel tank where the tank is connected to the airframe. Reason for deformation is over tight holding belts.
1.3	Subject	Loosening of holding belts
1.4	Compliance	- At next preflight check - Before next flight
	❖ Warning:	Security relevant component
1.5	Approval	The technical content is approved under the authority of AutoGyro GmbH
1.6	Manpower	Estimated working time for the loosening of holding belts is approximately 0.1h
1.7	Mass data	No change
1.8	Electrical load data	No change
1.9	References	In addition to this technical information refer to current issue of: - spare part catalogue <a href="http://www.auto-gyro.com">www.auto-gyro.com</a>
1.10	Other publications affected	None
1.11	Interchangeability of parts	None

## Customer Information 01/2010

### 2. Material information

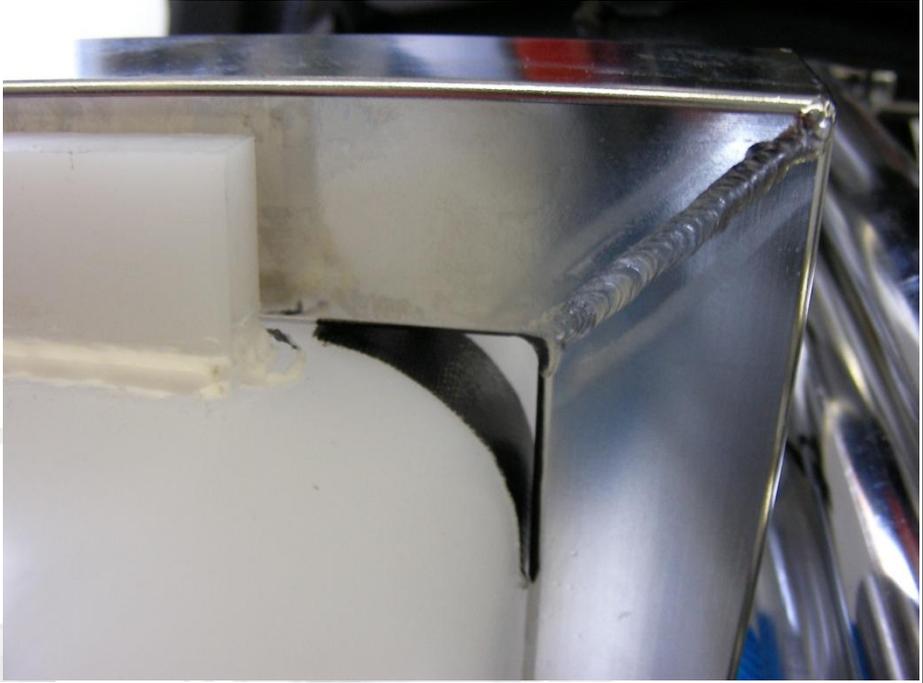
2.1	Material cost and availability	The specific spare part is available on request at AutoGyro GmbH. AutoGyro GmbH will cover the cost of the replacement fuel tank after returning the old tank.
2.2	Material requirement per gyroplane	If it is necessary to remove a component like lock wire or nylock nuts during assembly, it is obligatory to replace this part by a new one.
2.3	Material requirement per spare part	None
2.4	Rework of parts	None
2.5	Special tooling / lubricant-/ adhesives-/ sealing compound	None

### 3. Accomplishment / Instructions

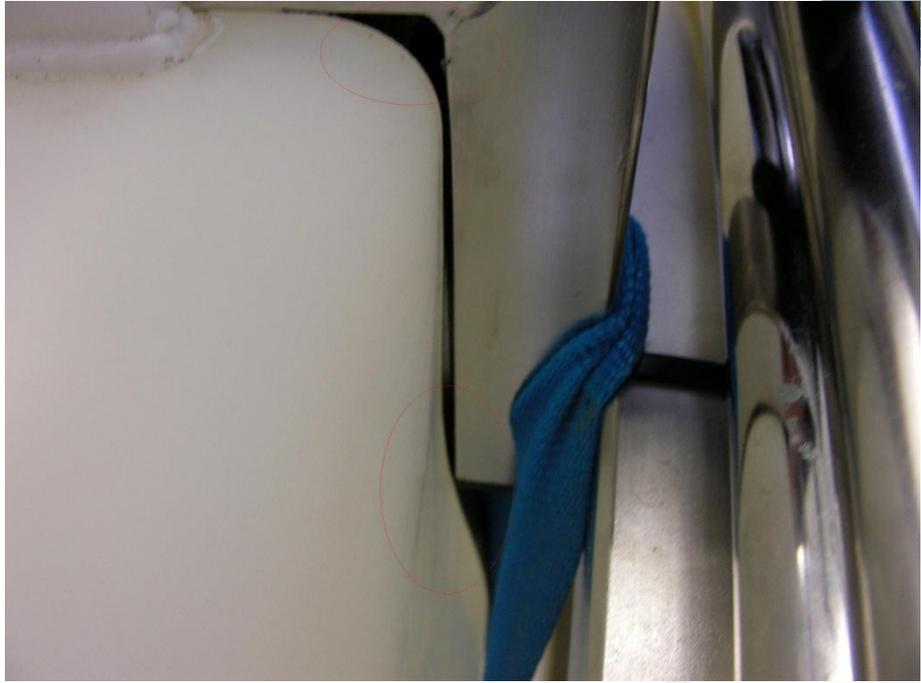
3.1	Accomplishment	All the work must be done and confirmed by the following persons or facilities: - AutoGyro authorized persons - AutoGyro GmbH
	❖ Warning:	Proceed with this work only in a non-smoking area and not close to sparks or open flames. Switch off ignition and secure gyroplane against unintentional operation. Disconnect negative terminal of aircraft battery.
	❖ Warning:	If it is necessary to remove a component like lock wire or nylock nuts during assembly, it is obligatory to replace this part by a new one.
3.2	Instructions	1. Lift rear seat and locate in position 2. Loosen the buckle and adjust the correct tension 3. Fuel tank needs to be fixed tightly. It should be possible to move it by hand within the locking bars, but it is never supposed to move by itself due to vibration of the gyroplane.
3.3	Test run	Conduct test run and check fuel system for leakage
3.4	Summary	These instructions (section 3) have to be conducted in accordance with compliance in section 1.4. Confirm the implementation of the specific service bulletin in aircraft log.

# Customer Information 01/2010

## 4. Photos

<p>4.1</p>	<p>Correct position of holding straps</p>	
<p>4.2</p>	<p>Correct distance between frame and fuel tanks</p>	<p>- correct tension of holding straps - black tape only serves clarification</p> 

## Customer Information 01/2010

4.3	Wrong distance between frame and fuel tanks	<ul style="list-style-type: none"> <li>- caused by over tight holding straps</li> <li>- black tape only serves clarification</li> </ul> 
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