

# RotorSport UK Ltd

## Service Bulletin

This form is the response from RotorSport UK Ltd against a problem found in the product either in service or test, which requires an immediate action.

Upon completion of the action, the person responsible must enter details into the aircraft logbook/worksheet with the SB and/or CAA MPD (Mandatory Permit Directive) number and sign as normal.

If any problems with carrying out the work authorised, contact RSUK immediately on 44(0)1588 650769, or email [gerry@rotorsport.org](mailto:gerry@rotorsport.org).

<b>SB No.: 003</b>	CCAR No.: None	Classification:
Aircraft type & model (applicability) RotorSport UK MT-03	Aircraft serial Nos. effected RSUK/MT-03/016 to 0049	<del>OPTIONAL</del> or <b>RECOMMENDED or</b> <del>MANDATORY</del>

Problem description & cause of problem if known

Problem;

Shape fluctuation due to loading and temperature of the fuel tanks can lead to a narrowing of the passage between tank and mainframe. As a result of a cross section narrowing the fuel tank breather hose may be crushed.

Action to be completed by or during next aircraft service.

Action required. – Re route breather hose.

Effective date:  
14.8.08

1. Block wheels against rolling away
2. Fix stick in front position
3. Turn Flight/Brake-switch to „Brake“
4. Engage compressor to maximum compression. Then remove key.
5. Fix rotor system from turning with tie down bag
6. Lift rear seat forwards and restrain in place necessary with a strap
7. Remove fuel tank breather hose from Y-piece
8. Extract hose between frame and tank (see pic. 1)
9. Fix hose with cable tie at mainframe (see pic. 2)
10. Reconnect hose to Y-piece

If any hose cannot be removed, cut free and replace with new hose from RotorSport UK Ltd.



Original routing

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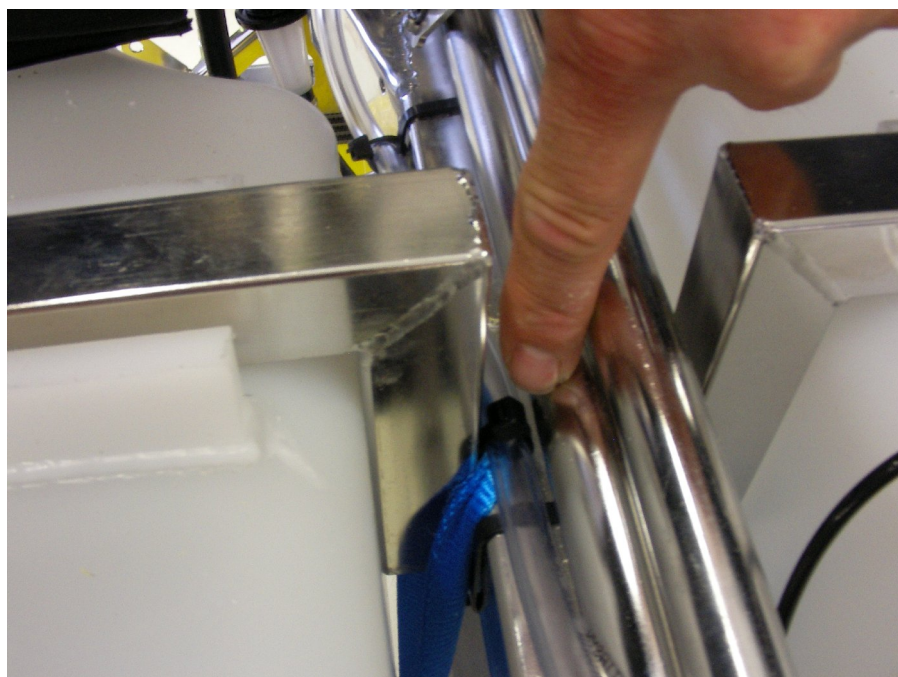
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New breather hose routing. Note tie wrap ('zippy') tying hose to tank strap.

Effect on Pilots Handbook or Maintenance Manual?

NO

Quality Inspection requirements after action:

1. If the tank straps are loosened to remove the hose, ensure they are fully retightened
2. After completion, check that the breather hose is clear, not kinked, and clear of the fork assy at the base of the vertical control rods in all stick positions.

Owner/operator to certify that the work is completed by writing the SB number and action in the logbook white pages, and record the action in the pink pages entitled 'one time requirements'. Both entries must be signed by the owner /operator, together with either their CAA approval no or their pilots licence number.

SB authorised by: (name, signature, and date of signature)

Quality Conformance Manager <i>[Signature]</i> 30/08/08	Engineering Manager <i>[Signature]</i> 21/9/08	Chief Test Pilot (if flight performance or safety effect)	Structures (where required)
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Document completion date:	Issued to:	When	Issuer name	Signature
	Internal			
	CAA			
	Owners			
	PFA/BMAA Inspectorate	No		