

ref SB138 Quik explorer throttle bracket issue 1

## SERVICE BULLETIN NUMBER 138, ISSUE 1.

<b>TITLE</b>	Quik Explorer foot throttle bracket
<b>CLASSIFICATION</b>	P&M Aviation have classified this bulletin as advisory.
<b>COMPLIANCE</b>	Inspection before further flight.
<b>APPLICABILITY</b>	Quik range with Explorer forks and Black Max wheels.

### 1) INTRODUCTION

The Quik trike with "Explorer" front forks ( identifiable by spun 6" aluminium wheels, NOT the white spoked 8" type) has a small bracket fitted to the throttle pedal which carries the throttle cable outer. Some examples have shown it possible for this small bracket to foul the throttle stop plate, preventing the throttle returning.

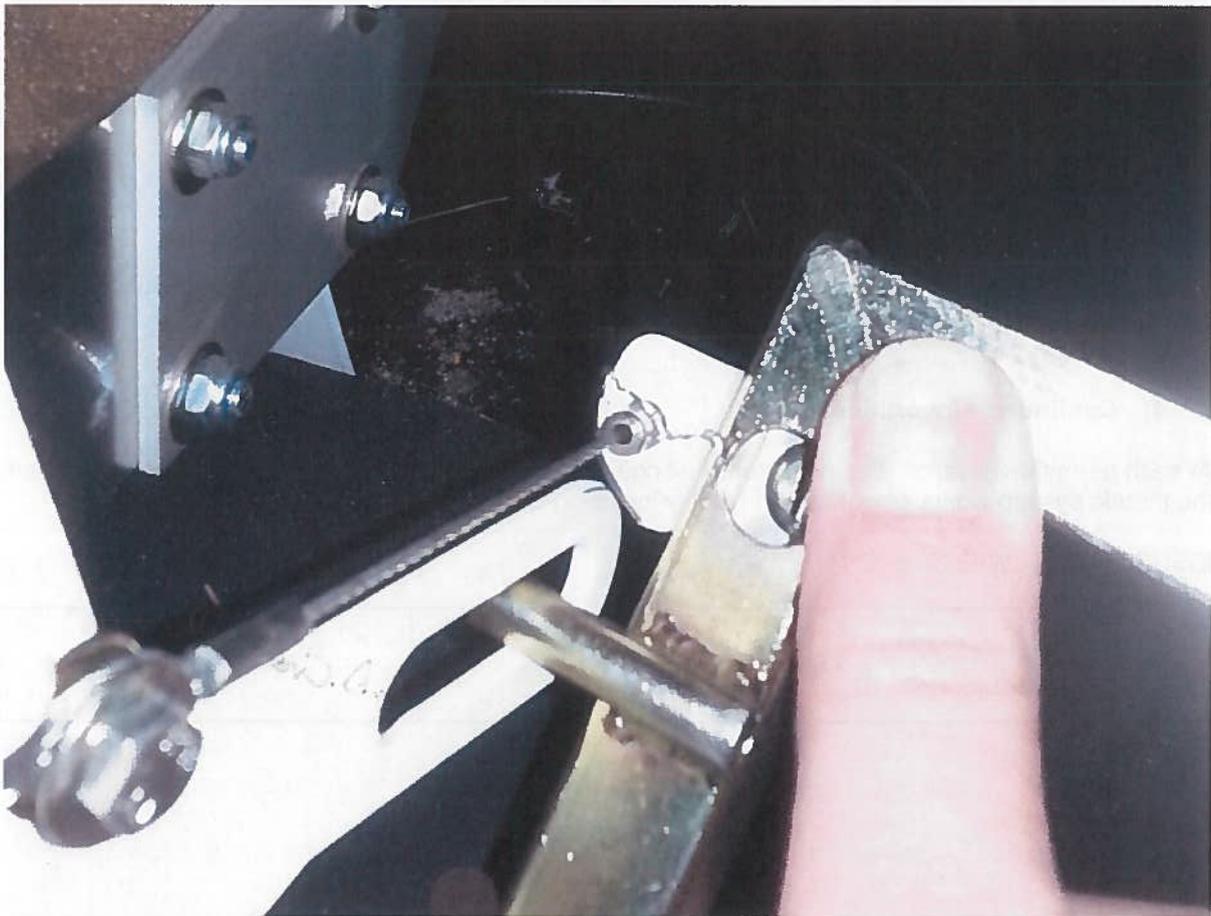


Fig 1. Throttle cable bracket ( top right ) modified with bottom corner cut off to miss throttle stop plate ( on the left). Note wirelocking of throttle ferrule.

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**2) ACTION**

Operate the foot throttle over its full range and observe the minimum clearance between the stop plate and the throttle cable bracket as shown above. If the clearance is less than 2mm then the bracket must be replaced with part ZMS-362 rev.B (Modification M291) as follows:

- a) Undo the bolt and bush holding the throttle cable inner.
- b) Remove the throttle cable by pulling it through the bracket.
- c) Unbolt and remove the throttle cable bracket.
- d) Replace the throttle cable bracket with a modified one part no....
- e) Refit the throttle cable, secure the inner with the bolt.
- f) Wirelock the cable outer to the cable bracket.

The throttle system must be checked for full, smooth and reliable operation including at extremes of steering movement. Check the hand and foot throttles, also the operation of the hand throttle starter interrupt switch ( starter disabled with open hand throttle).

Start-up is a hazardous time. Read the operator's handbook, be strapped in and wear a helmet when starting up. Cover the ignition switches and face a clear area. If testing, secure the aircraft to the ground using straps to the rear undercarriage near each mainwheel. Do not rely on chocks.

**3) Documentation**

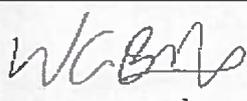
The aircraft technical log must be signed " Service bulletin SB138 (throttle cable bracket) carried out" by a qualified inspector.

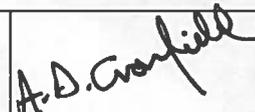
**4) Continued Airworthiness**

At each permit revalidation, the inspector must check the service bulletin has been carried out and that the throttle system works smoothly and reliably including at extremes of steering movement.

**ISSUED BY** W.G.Brooks

**DATE**

Approved		Date 22/06/201 5
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