

TECHNICAL BULLETIN

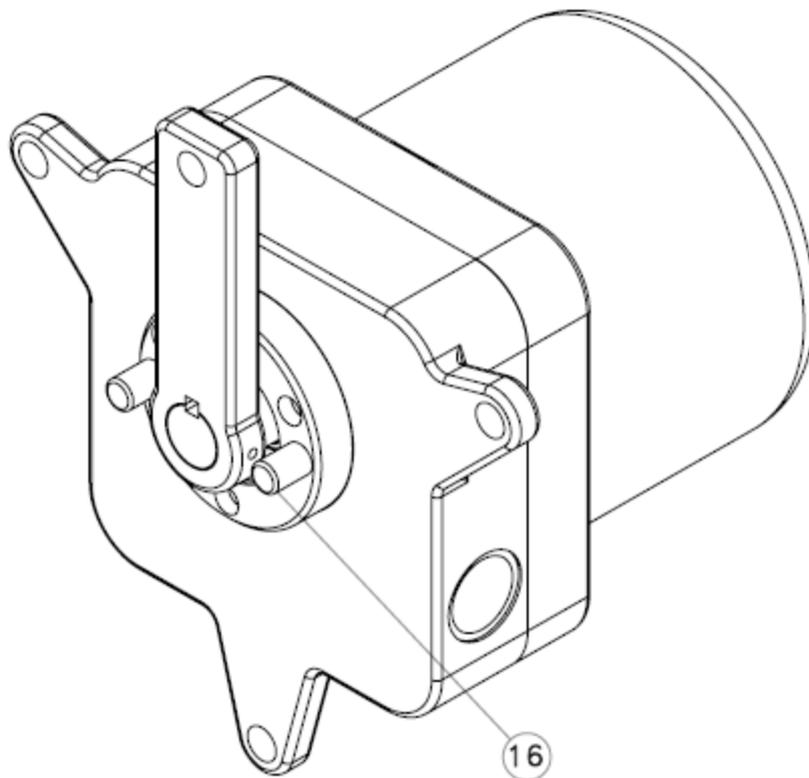
Ref Document No.	TB17001	Issue No.	1
Subject	HA108 Footswitch Enclosure		
Release Date	10 th February 2017		

Purpose – Advise HA108 footswitch enclosure owners/operators of the possibility of incorrect component supply and/or failure of securing method for external 10mm dowel pin

Applicability – All in service HA108 enclosures.

Background

Service inspection has found the use of 10mm roll pins instead of the specified 10mm Dowel pins shown as item 16 (DP10020) on approval detail HA108-AD. Further inspections demonstrated a consistent failure of the 10mm Dowel being dislodged.



Investigations/ Findings

No clear identification of appropriate part used in inspection reports.

Vibration & heavy contact during operation found to distort the hole in which the dowel is secured, causing it to fall out.

If no other system safeguards are in place, over engagement of throttle componentry can occur.

This can result in damage to the dowel pins and associated locating joint of the throttle stop. Also, possible throttle control issues may present themselves by over / under extending the throttle linkage (subject to individual machines installed functional control and engineering measures; e.g. over-rotation condition functions etc.).

Recommendations

1. Inspect enclosures at next routine service/inspection.
2. Replace with appropriate part (DP10020) if necessary via press fit, where elongation or distortion of the retaining hole has not occurred.
3. Recommended replacement of the end cap fitted with dowels further secured via the application of a small tac weld (P/N HA108-2-2-D).

Method approved under current certificate (ANZEx 07.4029X-2) by TUV Rheinland (reference attached letter dated 6th Feb 2017).

To be installed by suitably competent personnel (ASNZS3800:2012) as per instructional documents provided by PPK Mining Equipment.



Brendan Noake

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