

Safety Device Block Adjustment/Verification Operation of Chamber Locking Mechanism

Introduction

Instructions for verification and/or Adjustment of Safety Device Assembly and stud settings to utilize optimum performance of the safety device chamber locking mechanism. Kit p/n: 20536 includes p/n: 80359 and 80358.

Verification

1.0. Verifying stud Adjustment

- Utilize the Measuring/Adjustment Cap (P/N: 80359) in figure 1.0a to verify depth of Stud (P/N: HB424).
- Ensure Stud is fully inserted into Measuring/Adjustment Cap and Seated flush, without gap, between hex jam nut and Cap. (See figure 1.0b)
- If Measuring Cap is not in full contact proceed to 1.2 for resetting procedure.

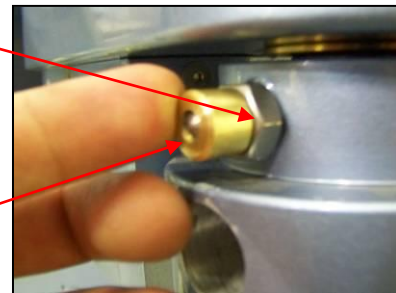
Figure 1.0a



Figure 1.0b

Seated Flush Here.

Fully inserted Here.
No gaps visible.



- Use the Feeler Gauge (P/N:80358) to verify the correct distance between the Lower Cam Pin Cover (A) and the Safety Device Assembly (B) as seen in Figure 1.0c. Lock pin must be aligned with thru hole in Lower Can Pin Cover. See Figure 1.0d.

P/N: 80358

Figure 1.0c

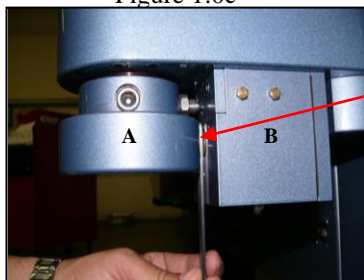


Figure 1.0d

Check Alignment with hole



- If Feeler Gauge is not able to be inserted or if it is clearly loose upon insertion when checking spacing, proceed to resetting Safety Device Block Procedure Section 1.3.

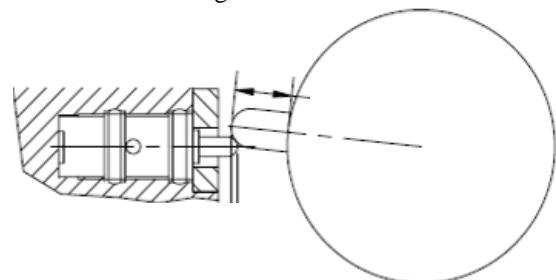
1.1. Final Verification

- Once Block and Stud Verification has been completed, check to ensure stud and valve stem are riding along their radius. (see figure 1.1a - 1.1b)

Figure 1.1a



Figure 1.1b



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Resetting Safety Device Stud and Block

1.2. Resetting Stud

- Loosen Hex Nut (P/N: HB240) utilizing 9/16 socket (14mm, 15mm) or open wrench. *Figure 1.2a*
- Place Measuring/Adjustment cap (P/N: 80359) on stud and adjust stud manually (*see figure 1.2b*). Repeat operation until the Measurement Cap Tool Seats fully on Hex Nut and stud if fully inserted into Measurement Cap Tool without any visual gaps.
- Once Stud Position is correctly reset, secure in place with 9/16 socket (14mm, 15mm) and measure to ensure position has not moved once fully secured.

Figure 1.2a



Figure 1.2b

Seated Flush Here.

Fully inserted Here.
No gaps visible.



1.3. Resetting Safety Device Block

- Loosen safety device by turning Bolt (P/N: HB273), (2x) 3/8-16 x 3 Cap Screw Black Oxide (*Figure 1.3a*) one full turn to allow sufficient movement for adjustment of block. *Figure 1.3b*. Utilize a 5/16 (8mm) Allen Wrench.

Figure 1.3a

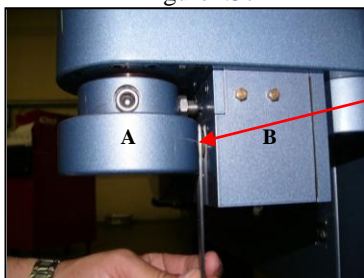


Figure 1.3b



- Utilize Feeler Gauge (P/N: 80358) to set the distance between the Lower Cam Pin Cover (A) and the safety device assembly (B). As seen in *Figure 1.3c*
- Secure safety device while maintaining feeler gauge in place and ensure lock pin is aligned before fastening.
- Locking Pin and Lower Can Pin Cover thru hole must be evenly aligned as seen in *Figure 1.3d*.
- See Section 1.1 for Final Verification once all Resetting is completed.

Figure 1.3c



Hold in place and
secure

Keep Aligned
while securing bolts.

Figure 1.3d

