



STIDD Systems, Inc.

Technical Bulletin - No. 80523

Model: 500N-V5 Helm Seat

Serial Numbers: ALL

Part Number: 510-1100-V5-F

Description: 500 V.5 Pedestal Assembly (FH)

Subject:

Weld inspection suggested on all 500N-V5 Helm Seat pedestals (p/n: 510-1100-V5-F) installed on USCG 47' Motor Life Boats.

Summary:

This Technical Service Bulletin has been issued to address a potentially unsafe condition which could exist on some STIDD 500N-V5 pedestals. The circumferential weld on the inner post of certain pedestals may be inadequate and could fail under extreme loads, resulting in damage and/or bodily injury. There has been one (1) such incident reported during extreme operational conditions.

An inspection of all V5 pedestal inner posts in stock at the STIDD Systems, Inc. manufacturing facility on 23 May 2008 revealed NO inadequate welds. However, due to the possibility of failure of the inner post weld in installed pedestals, we have formulated an inspection procedure to identify any potentially unsafe pedestal inner post welds in service.

Any pedestal inner post weld that fails this inspection will be corrected by STIDD Systems, Inc.

Inspection Procedure:

The inspection procedure requires use of the enclosed Weld Gauge Special Tool, supplied at no cost by STIDD Systems, Inc. with this Technical Bulletin. This gauge will allow the inspector to quickly and easily determine if the inner post weld is adequate.

- 1) Remove the seat from the pedestal. (See Figure 1)
- 2) Using a soap and water solution, clean the top of the pedestal inner post as well as the weld zone in question. (See Figure 2)
- 3) Visually inspect the weld zone for any signs of cracking. (See Figure 3)
- 4) Place the STIDD supplied weld gauge on the top of the pedestal as shown in Figure 4.
- 5) Inspect the weld in several locations around the diameter of the inner post. See Figure 5 for the pass/fail criteria. The weld inspection is categorized as a failure if at any point around the pedestal the weld is not within the pass/fail window.

Required Actions:

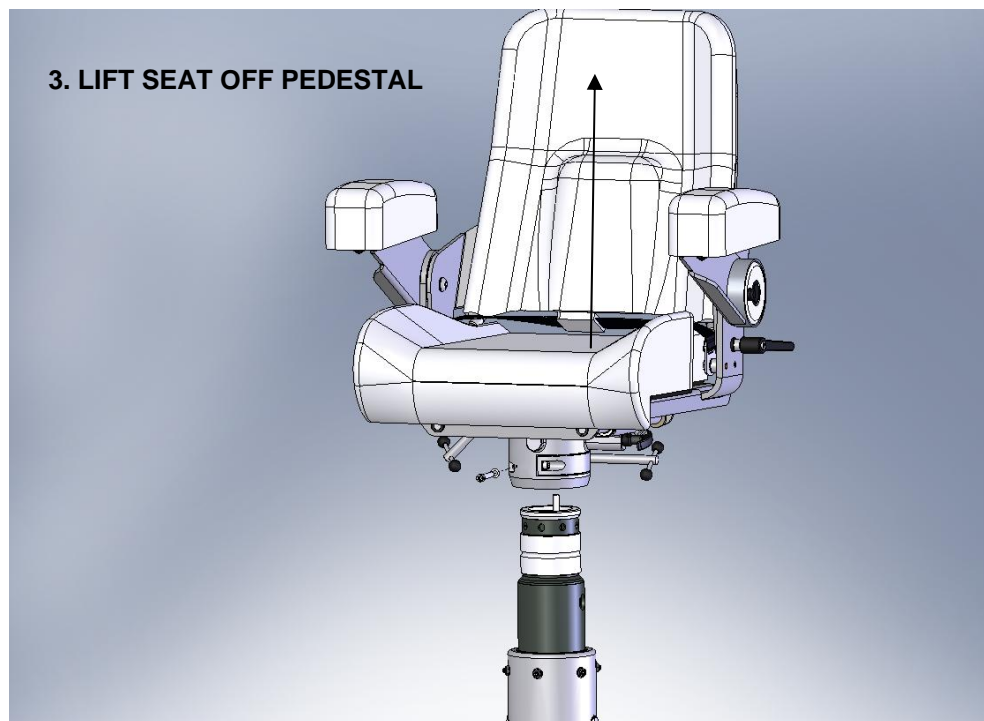
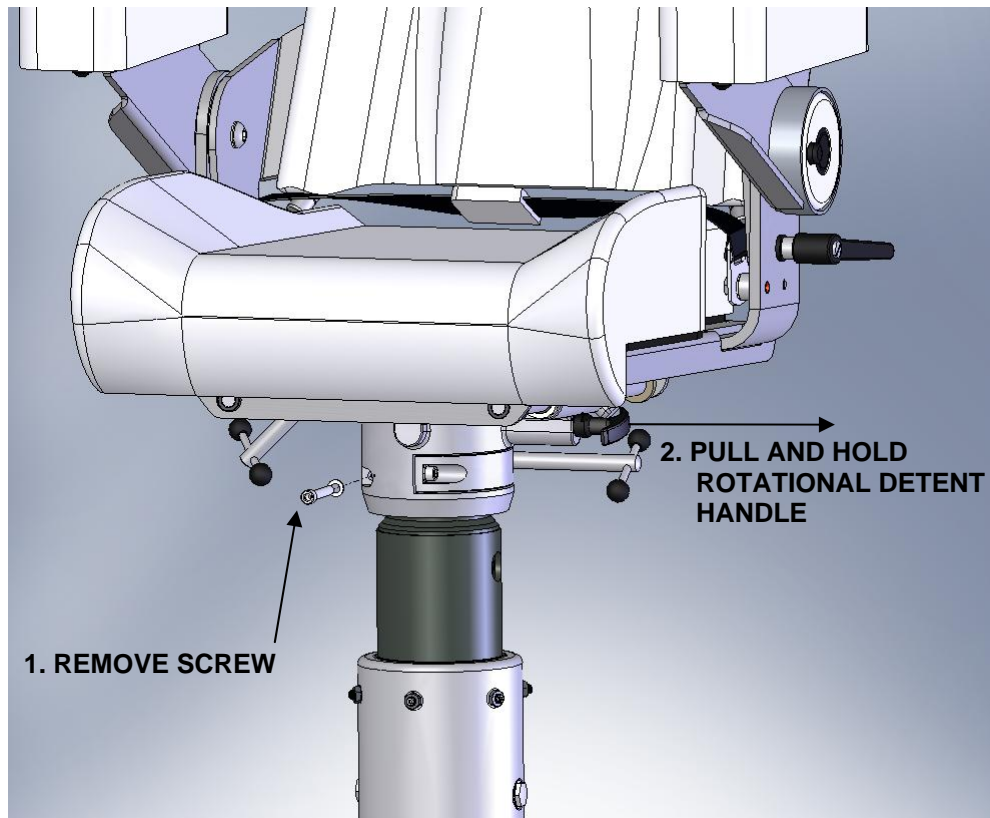
- If any signs of cracking are found, DISCONTINUE USE IMMEDIATELY and contact STIDD Systems for immediate correction.
- Any pedestals that fail the weld gauge inspection must be reported to STIDD Systems as soon as possible.
- If no signs of cracking are found and the weld inspection yields favorable results, no action is required. Re-attach the seat to the pedestal and continue normal use.

STIDD Systems customer service POC: Jac Citera (631) 477-2400 x-135
Please have the seat serial number available at the time of the call.

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FIGURE 1 – SEAT REMOVAL



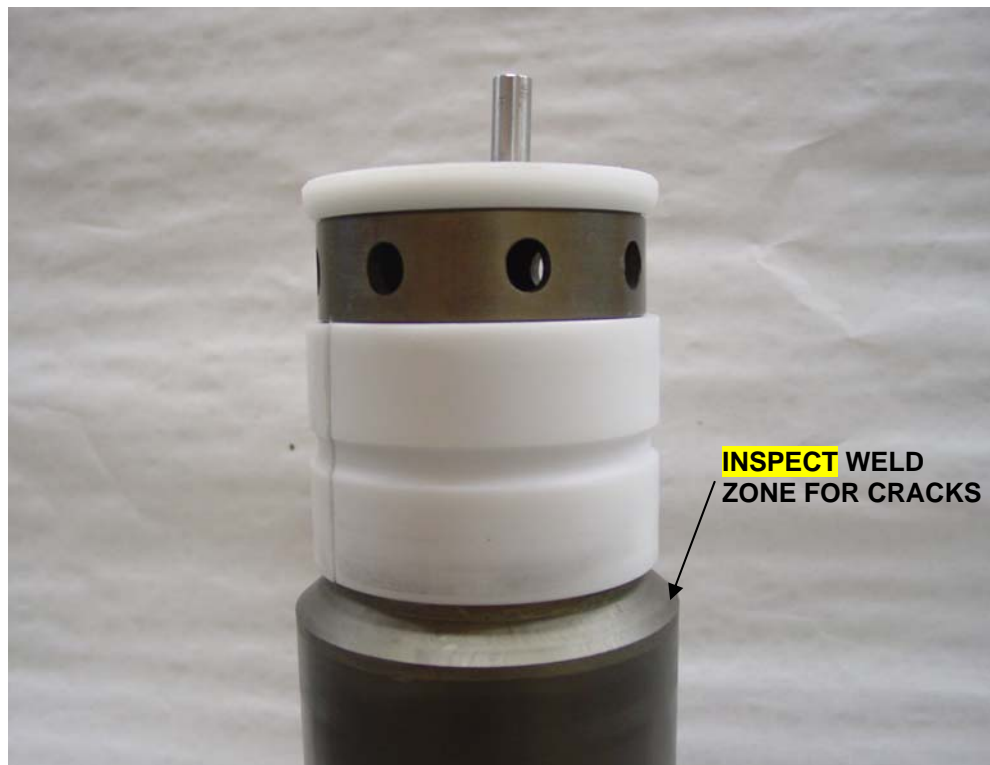
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FIGURE 2 – Clean Inner Post



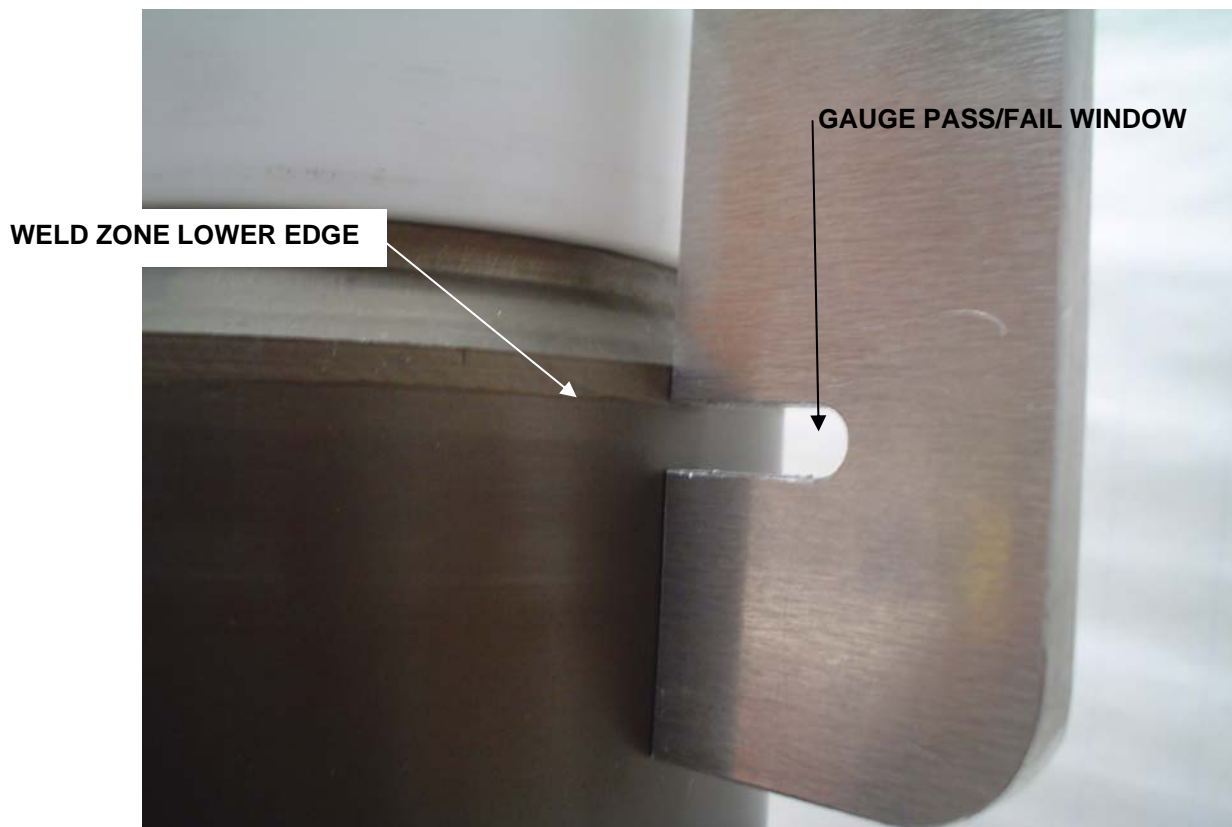
FIGURE 3 – Visually Inspect Weld Zone



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FIGURE 4 – WELD GAUGE PLACEMENT / USE



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FIGURE 5 – PASS/FAIL CRITERIA

