

PRODUCT SHEET:

RAMPTECH® AIR START STRAIGHT SELF-LOCKING COUPLER



Consider the bar raised.

The RAMPTECH® Air Start Coupler elevates quality to an unmatched level, making it the best choice for functionality and durability. The dual handle connects and disconnects rapidly from the aircraft, boosting operational efficiency. What's more, the self-locking design provides visual positive engagement with the aircraft nipple – a red band around the coupler indicates if not properly engaged – further enhancing productivity while reducing training requirements.



Other outstanding features include less pressure drop through the coupler (at 180 ppm the pressure drop is 1 PSI less than the Kaiser/Rockwell Collins coupler). The integrated non-return



Sage
Part Number 801103

valve prevents whiplash from the jet starter hose and scuffing during coupler removal, and elastomer protection prevents damage caused by ground contact. Furthermore, a special locking system with 8-quick coupler balls securely engages the aircraft nipple to maintain a positive ASU-aircraft connection.

FEATURES

- ✓ Red markers appear when not connected correctly
- ✓ Integrated non return valve
- ✓ Eight Stainless ball locking system
- ✓ Elastomer protection
- ✓ Protective stainless steel screen

REPLACES

Rockwell Collins Part Number M7950-93S3
Airlinx Part Number V7950-RH-114-01

SAGE PARTS



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To ensure proper and safe operation please follow these hose attachment procedures. Improper hose to coupler assembly could result in injury under normal operating pressure.



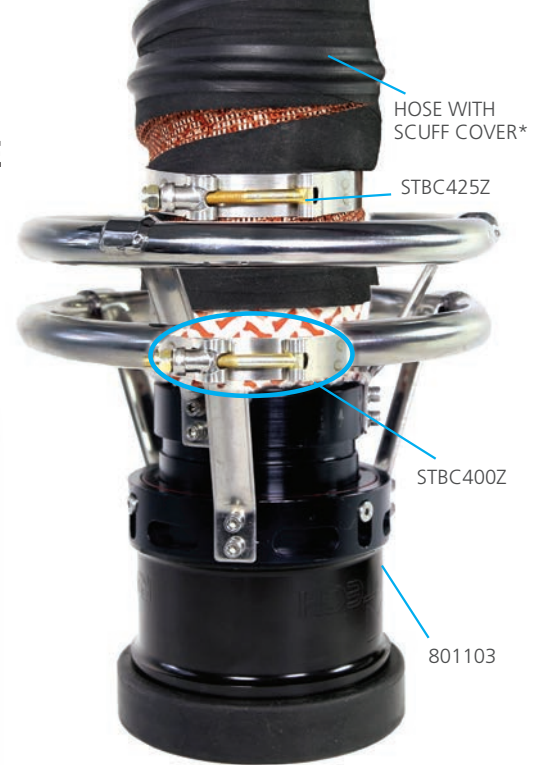
Hose and scuff cover appearance may vary from brand to brand. However, the basic process remains the same. Use the first clamp (STBC400Z) to secure the hose to the fitting **only**. Use the second clamp (STBC425Z) to secure the scuff cover to the hose.

TORQUE REQUIREMENT

TIGHTEN NYLON NUT TO PREVENT AIR LEAKAGE

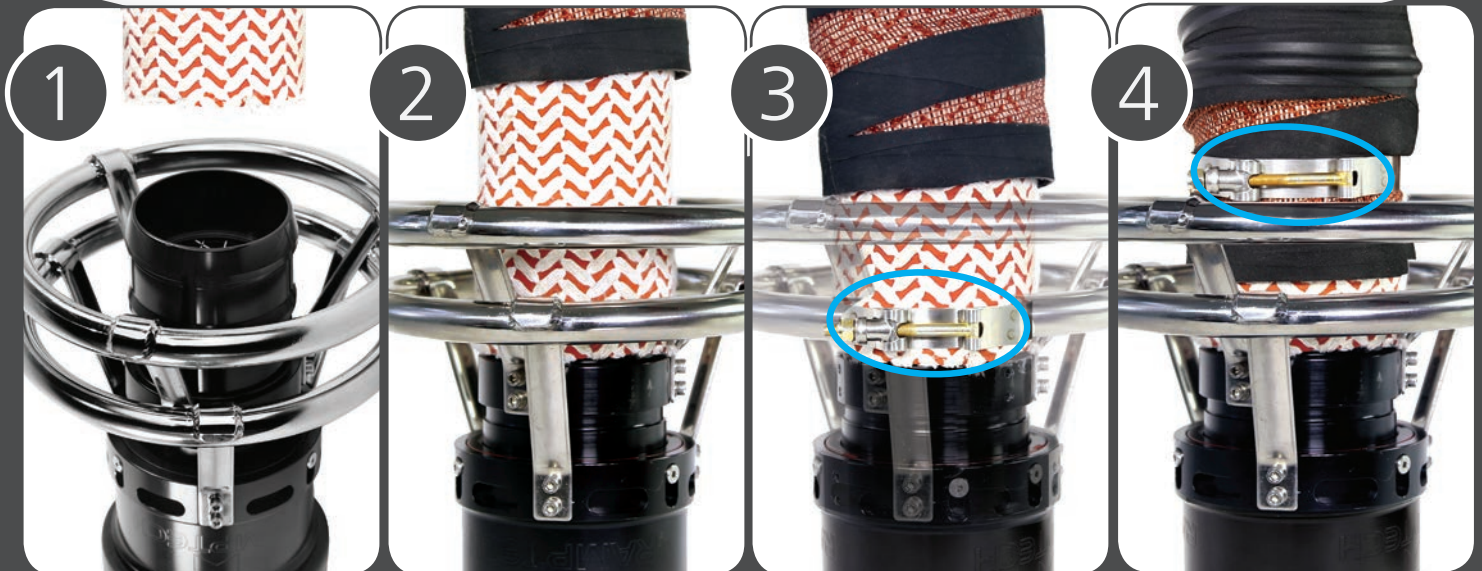
MIN / MAX TORQUE:

16 POUND-FOOT / 192 POUND-INCH (221 kg-cm)
14 POUND-FOOT / 168 POUND-INCH (194 kg-cm)



*HOSE WITH SCUFF COVER NOT INCLUDED

PROPER AIR START COUPLER AND HOSE ASSEMBLY ATTACHMENT



Fully insert air start hose over coupling bars.

Hose should fit snugly. Slide hose over fitting until it makes contact with fitting shoulder.

First, clamp hose using STBC400Z directly in front of innermost barb. Torque clamp as required.

Second, clamp hose and scuff cover using STBC425Z directly in front of outermost barb. Torque clamp as required.

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