

SPECIAL FEATURES BOOST OPERATIONAL EFFICIENCY AND ENHANCE PRODUCTIVITY

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.

FEATURES

SPECIAL LOCKING SYSTEM

Stainless steel ball locking system securely engages the aircraft nipple to maintain a positive ASU-aircraft connection. This self-locking design provides VISUAL positive engagement.



RED MARKERS
APPEAR WHEN
NOT CONNECTED
CORRECTLY

LESS PRESSURE DROP

At 180 ppm the pressure drop is 1 PSI less than the Kaiser/Rockwell Collins coupler

INTEGRATED NON-RETURN VALVE

Prevents whiplash from the jet starter hose and scuffing during coupler removal

ELASTOMER PROTECTION

LIGHTWEIGHT, INTERCHANGEABLE ALUMINUM BODY PROTECTIVE

STAINLESS STEEL SCREEN



Sage Part Number 801103



REPLACES

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

RAMPTECH® AIR START COUPLER: **HOSE ATTACHMENT PROCEDURE**

To ensure proper and safe operation, please follow the hose attachment procedure. 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 to secure the scuff cover to the hose.

TORQUE REQUIREMENT

TIGHTEN NYLON NUT TO PREVENT AIR LEAKAGE

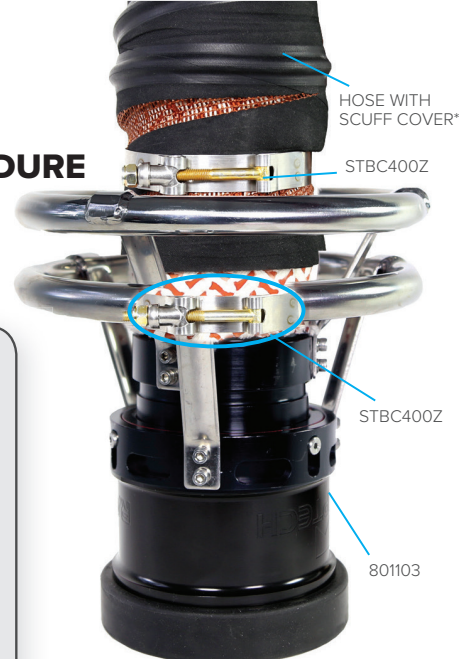
TORQUE SPECIFICATIONS:

168 POUND-INCH (194 kg-cm)

STBC400Z



STBC425Z



*HOSE WITH SCUFF COVER NOT INCLUDED



Clamp the hose using **STBC400Z** directly in front of innermost barb.

Torque clamp as specified, 168 pound-inch (194 kg-cm).

WHICH CLAMP DO I USE?

Regardless of the hose manufacturer, the same clamp is used to attach the hose to the coupler. However, the scuff cover has a different diameter depending on the manufacturer (see below).

HBD Thermoid scuff cover requires a 4 inch clamp:

STBC400Z



Salem Rubber scuff cover requires the 4.25 inch clamp:

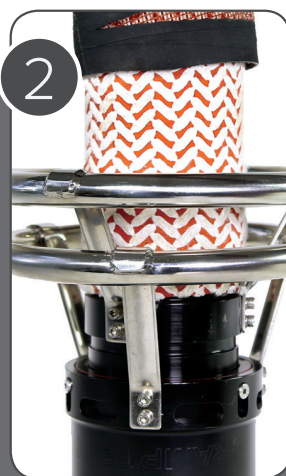
STBC425Z



PROPER AIR START COUPLER AND HOSE ASSEMBLY ATTACHMENT



1 Fully insert air start hose over coupling barbs.



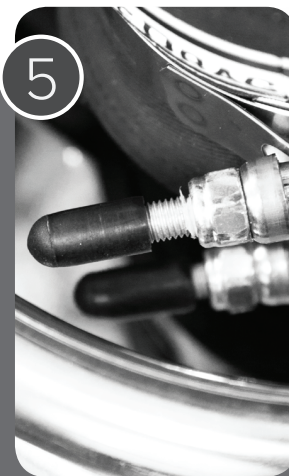
2 Slide hose over fitting until it makes contact with fitting shoulder. Hose should fit snugly.



3 Clamp the hose using **STBC400Z** directly in front of innermost barb. Torque clamp as specified, 168 pound-inch (194 kg-cm).



4 Clamp hose and scuff cover using **STBC400Z** or **STBC425Z** directly in front of outermost barb. Torque clamp as specified, 168 pound-inch (194 kg-cm).



5 Install rubber caps (650002) as shown over the two threaded clamp studs.

