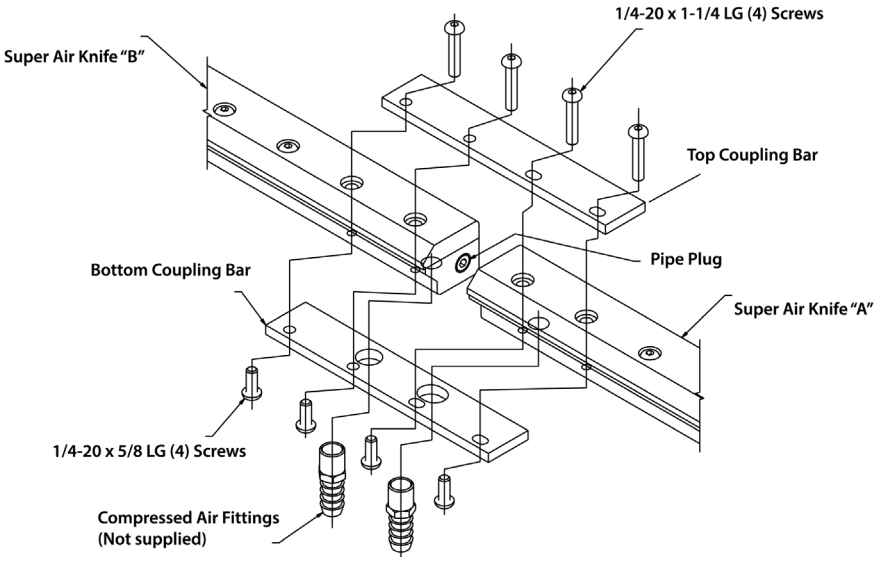
EXAIR®

EXAIR TECHELP
1-800-903-9247

MODEL 110900 ALUMINUM SUPER AIR KNIFE COUPLING BRACKET KIT

The purpose of this kit is to couple two EXAIR Aluminum Super Air Knives for longer Air Knife lengths. The Model 110900 Aluminum Super Air Knife Coupling Bracket Kit consists of:

(1) Top Coupling Bar
(1) Bottom Coupling Bar
(4) 1/4-20 x 5/8" Button Head Cap Screws
(4) 1/4-20 x 1-1/4" Button Head Cap Screws



Assembly Instructions:

1. Determine which ends of the Super Air Knives are going to be coupled together.
2. Remove the last two button head cap screws from each Super Air Knife at the end where they are to be joined.
3. Make sure pipe plugs (already supplied on the Super Air Knives) are installed on the ends of the Super Air Knives where they will be joined by the bracket kit.
4. Position the ends of the Super Air Knives, with the screws removed, together.
5. Lay the top coupling bar (has four holes) over the two adjacent Super Air Knives. Match the holes of the coupling bar to the holes of the Super Air Knives where the original screws were located.
6. Assemble (4) of the 1/4-20 x 1-1/4" button head cap screws through the top coupling bar and into the Super Air Knives. (Note: Do not tighten).
7. Flip the Super Air Knife assembly 180 degrees so that the opposite side is facing up.
8. Place the bottom coupling Bar (has six holes) evenly over the joint of the two Super Air Knives. Make sure all holes are properly aligned to the Super Air Knives.
9. Assemble the (4) 1/4-20 x 5/8" button head cap screws through the bottom coupling bar and into the bolt holes in the Super Air Knives. (Note: Do not tighten).
10. Make sure that the two Super Air Knives are aligned with one another and are positioned tight end to end. Tighten all button head cap screws to 7.5 ft. lbs.
11. Remove the pipe plugs from the compressed air inlets on the bottom of the air knives, at the joint where the bottom bracket is located.
12. Install fittings into the 1/4-18 NPT ports to allow for proper compressed air supply to the ports.
13. The Super Air Knife assembly is now ready for installation into the application.

If you have any questions or problems, please contact an EXAIR Application Engineer at:

Toll Free: 1-800-903-9247 (US & Canada)
Toll Free Fax: 866-329-3924 (US & Canada)
E-mail: techelp@exair.com

Telephone: 513 671-3322 outside of US & Canada
Fax: 513 671-3363 outside of US & Canada
Website: www.exair.com

For more information about this product, visit "Frequently Asked Questions"
FAQ at EXAIR.com

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