



MiG-15 Double Wall Stainless Tailpipe Instructions for JetCat P-80 or P-120

BVM #iT587

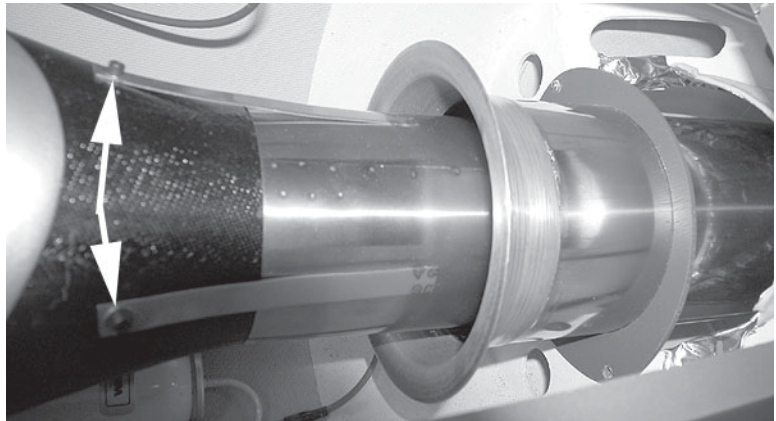
Refer also to MiG-15 plans sheet #06.

Some tailpipes for the JetCat P-80 and larger engines were shipped with a split aluminum ring and instructions to install it in the aft end of the outer tailpipe. This was meant to be used for the P-70 and smaller installations.

The plans side view for the P-80 and larger engines is correct.

The installation notes below apply to the P-80 and larger engines only. The manual describes both installations and is correct.

- ❑ The front of outer pipe is held in position on to F-4B with the oval shaped 1/8" ply duct holder - see plans. Note that this part has a top and bottom. The outer pipe is silicone glued to this part after final installation.



- ❑ Speed brake inner shields are made of a laminate of .010" poly ply and ceramic blanket attached to inside of fuse. This protects the speed brake cylinder and air tubing from heat. Use only 60 psi in speed brake air storage tank.

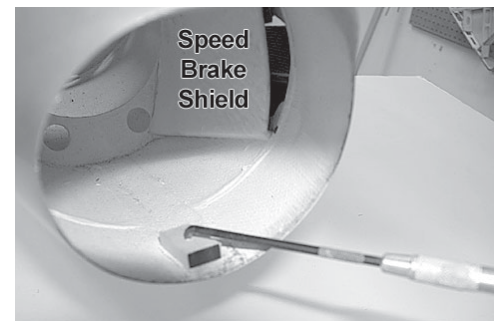
- ❑ The inner tailpipe is retained to the bypass with (2) 4-40x1/4" SHCS and nuts. Glue nuts to inside of bypass then brush on 3 coats of BVM Heat Shield (#1940) in the aft 4" of the bypass duct and aft 3" of the cover cap.

- ❑ Drill a 3/32" drain hold in the lowest part of the bypass and a few 1/16" drain holes in fuse bottom.

PROCEDURE TO INSTALL TAILPIPE

NOTE: The bypass has been completed and fits onto inlet and the inner tailpipe fitted on to the aft end of the bypass.

- ❑ Drill a 1/8" hole in the center of a 1/4"x1/2"x1" maple block. Glue it 1/4" fwd of aft end of fuse on the centerline.
- ❑ Use a 90° awl to transfer hole center through fuse bottom, then drill through with 1/8" bit.
- ❑ Drill a 1/8" hole, 3/4" from aft end of outer pipe through the welded lap joint. Start hole with a sharp 1/16" bit.
- ❑ Outer pipe is retained to the fuse with a 1/2" long 4-40 SHCS through bottom of fuse and maple block with a nut positioned inside the tailpipe.



NOTE: For best scale affect, spray paint this area flat black after final assembly.