

Step 1: Cut a length of scat tube 28 inches long from VENT SCAT 2" to create the VENT SCAT 2X28 Inlet Hose. Cut a length of scat tube 24 inches long from VENT SCAT 2" to create the VENT SCAT 2X24 Inlet Hose. Cut two lengths of scat tube each 15 inches long from VENT SCAT 2" to create two VENT SCAT 2X15 Interconnect Hoses. See Figure 1.

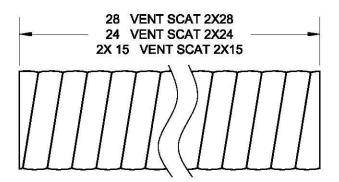


FIGURE 1: CUTTING THE SCAT TUBES

Step 2: Fabricate a SS Clamp from the SS304-26GAX1/2X9 material provided in the kit per the dimensions given in Figure 2.

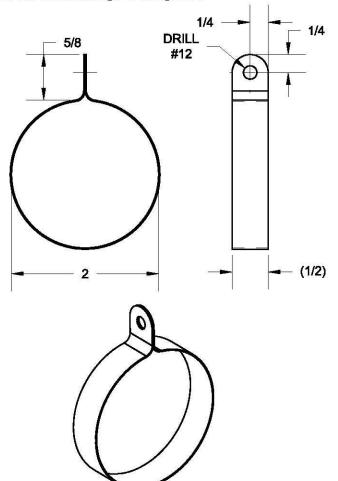


FIGURE 2: MAKING THE SS CLAMP

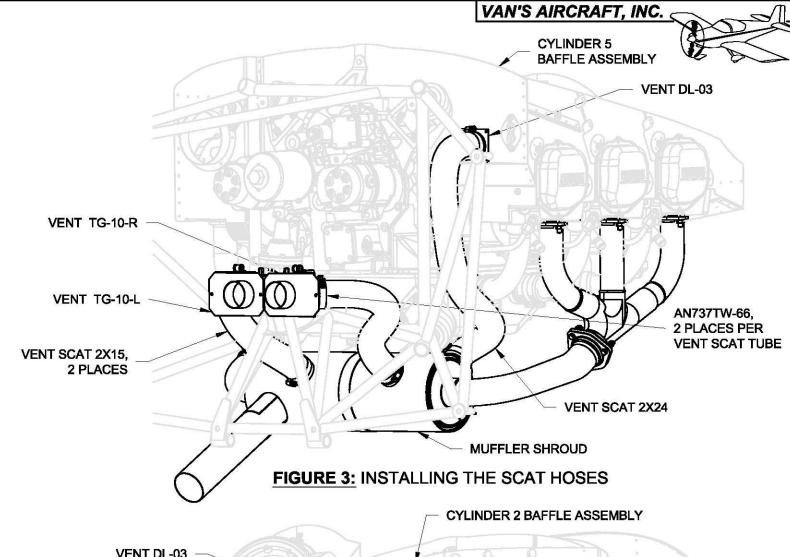
NOTE: Refer to Figure 3 and Figure 4 for the remaining steps on this page.

Step 3: Install both VENT SCAT 2X15 Interconnect Hoses between the aft inlets on the Muffler Shroud and the VENT TG-10-L and -R Cabin Heat Selector Boxes.

Step 4: Install the VENT SCAT 2X24 Inlet Hose between the VENT DL-03 attached to the aft side of the Cylinder 5 Baffle Assembly and the forward right port on the Muffler Shroud.

Step 5: Install the VENT SCAT 2X28 Inlet Hose between the VENT DL-03 attached to the lower face of the ramp on the Cylinder 2 Baffle Assembly and the forward left port on the Muffler Shroud. Route the inlet hose above the fuel line, see Page FF6-4, Figure 1.

Step 6: Clamp the VENT SCAT 2X28 Inlet Hose to the Cylinder 2 Intake Tube.



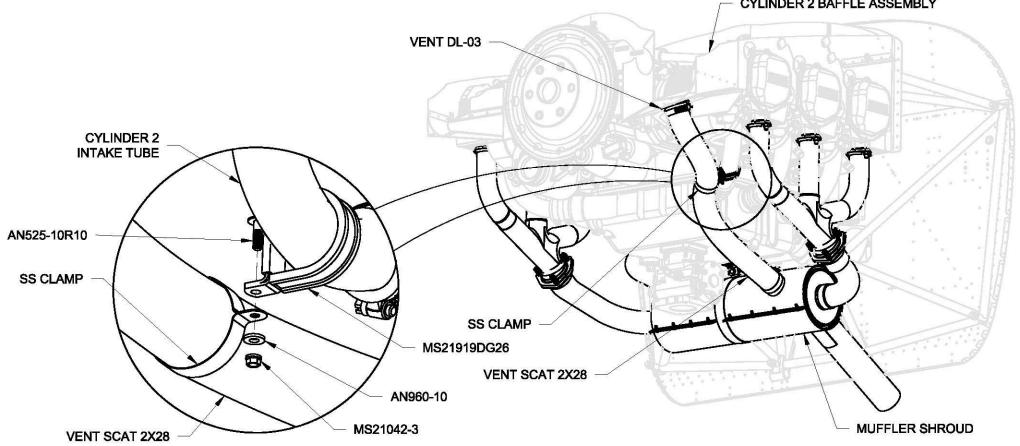


FIGURE 4: INSTALLING THE SCAT HOSES

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<u>Step 1:</u> Run a bead of RTV high temperature sealant (Permatex #26B Red) along the entire length of all four VENT SCAT Inlet and Interconnect Hoses that attach to the Muffler Shroud. See Figure 1.

Step 2: Liberally apply RTV between the VENT SCAT 2X28 Inlet Hose and the fuel line that interconnects the engine driven fuel pump and the fuel injection servo. See Figure 1. Repeat this process for the fuel line between the firewall and the engine driven fuel pump that rests against the right VENT SCAT 2X15 Interconnect Hose. See Figure 2.

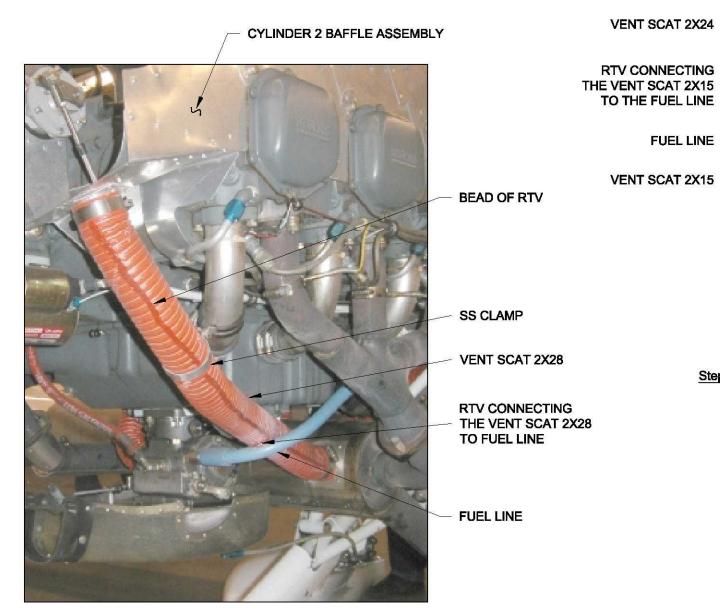
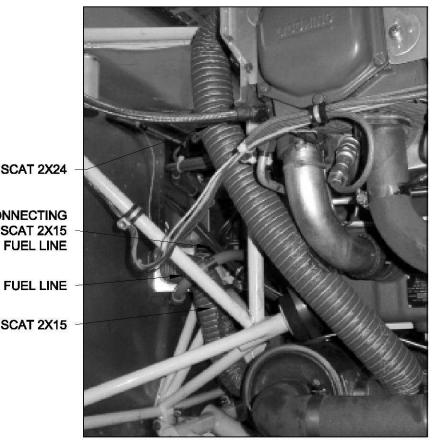


FIGURE 1: INLET HOSE DETAILS (LEFT SIDE)

Step 3: Cut two patches of Air Seal Fabric as shown in Figure 3. Using RTV as an adhesive permanently affix the Air Seal Patches to the VENT SCAT 2X24 Inlet Hose as shown in Figure 3. This will prevent the inlet hose from chaffing on the Cylinder 5 Intake Tube and Oil Line.



CYLINDER 5
OIL LINE

CYLINDER 5
INTAKE TUBE

VENT SCAT
2X24

FIGURE 2: HOSE DETAILS (RIGHT SIDE)

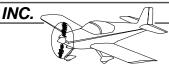
FF-1015

FIGURE 3: PROTECTIVE PATCHES

Step 4: Liberally Apply a bead of RTV between the control cables and the left edge of the FF-1015 Muffler Support Bracket as shown in Figure 4.



FIGURE 4: MUFFLER SUPPORT BRACKET DETAILS



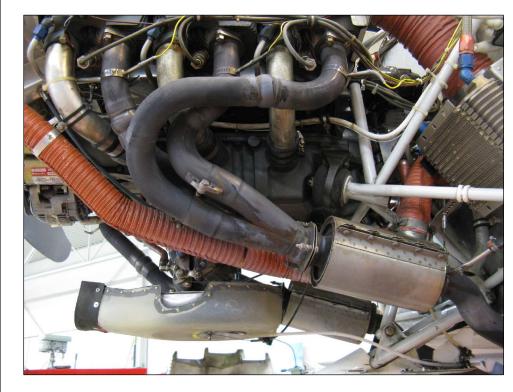


FIGURE 1: INSTALLATION OVERVIEW - LEFT SIDE



FIGURE 3: BALL JOINT ASSEMBLY DETAIL VIEW

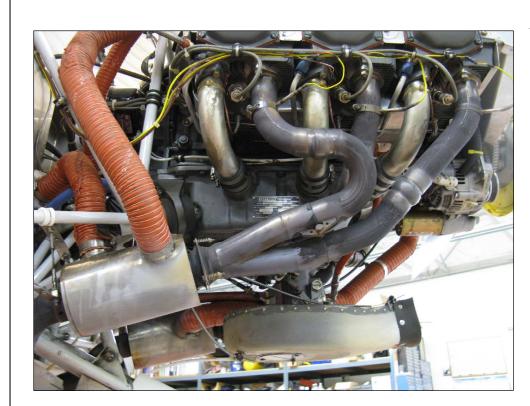


FIGURE 2: INSTALLATION OVERVIEW - RIGHT SIDE



FIGURE 4: MUFFLER BRACING & SUPPORT - LEFT SIDE VIEW LOOKING UP AND FORWARD

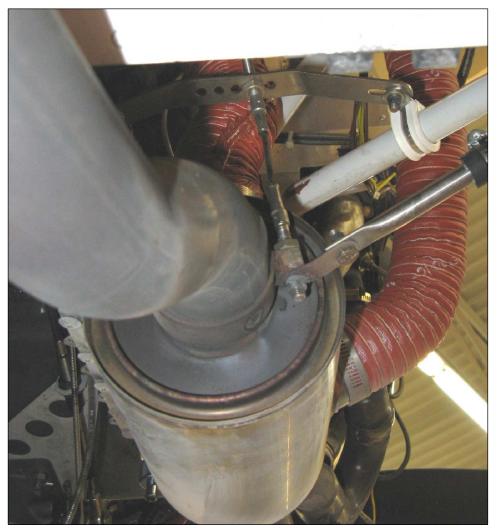


FIGURE 5: MUFFLER BRACING & SUPPORT - RIGHT SIDE VIEW LOOKING UP AND FORWARD

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FIGURE 1: MUFFLER BRACING & SUPPORT - RIGHT SIDE VIEW LOOKING INBOARD



FIGURE 3:
INLET SCAT TUBE ROUTING - LEFT SIDE

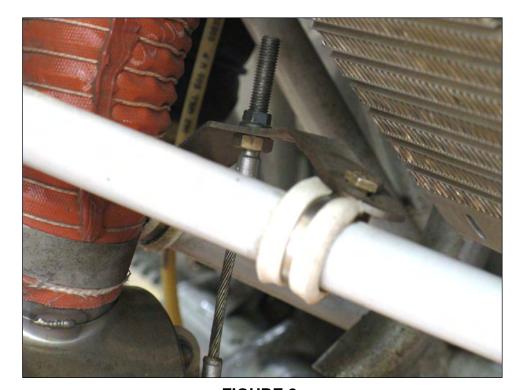


FIGURE 2: EXHAUST SUPPORT STRAP INSTALLATION DETAIL



FIGURE 4:
EXHAUST SUPPORT STRAP INSTALLATION DETAIL

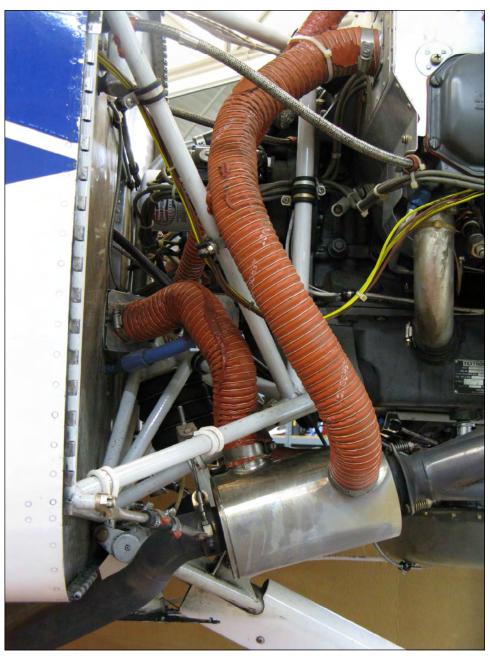


FIGURE 5: SCAT TUBE ROUTING - RIGHT SIDE