

Section 17

Exhaust System

Procedures covered in this section:

Apply heat wrap; mount headers to engine.

Cards used in this section:

E24 CARD 1 E24 CARD 3
E24 CARD 2 E24 CARD 4

Prints used in this section:

None

Templates used in this section:

None

Tools required for this section:

Air or electric drill Oil can Torque wrench
Files Pliers

Drill bit of the following size: 1/16"

Ratchet with socket of the following size: 5/16" (12-point)

Before installing the exhaust pipes and heat shielding, prime the oil pump. Refer to the Engine Manual for the complete procedure.

Photo #1

Deburr and inspect the end of the exhaust pipes. File the triangle flanges flat before mounting the headers to the engine.



Photo #2

Soak the heat wrap with water. Starting at the bottom, begin wrapping tightly, overlapping 1/2". After reaching the top, go back down using the same technique. This will give a double wrap above the aluminum heat shield. Wherever the pipes are next to each other, wrap them together as shown in photo #4.



Photo #3

Use the hi-temp tie wraps to clamp the heat wrap in place at each end. Use additional tie wraps where needed.



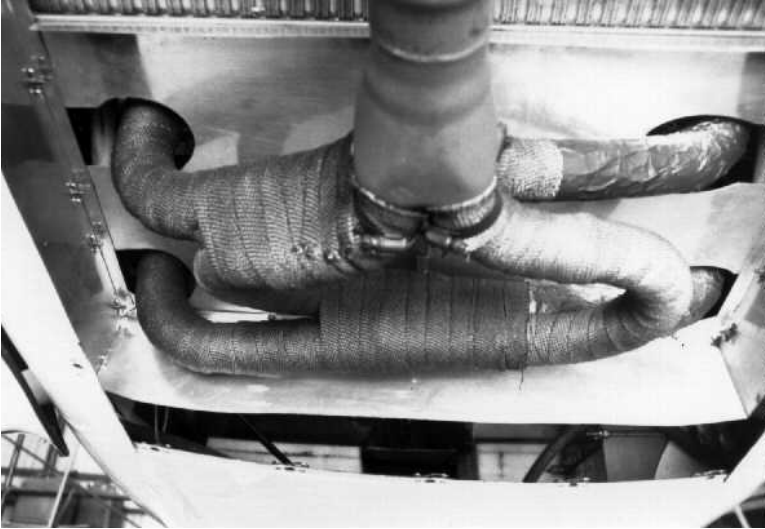


Photo #4

End of the pipes at the collector. After the heat wrap is dry, spray it with the high heat coating paint. Note: The paint is used to seal the fibers of the wrap, to prevent fluids from being absorbed.

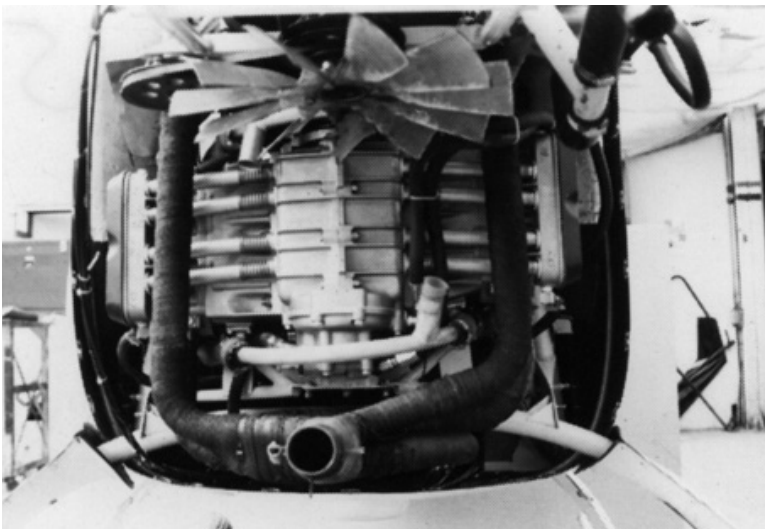


Photo #5

Attach the exhaust system to the engine as shown, using gaskets at the flanges. Torque bolts to 10 ft.lbs. on final assembly.