

Post-Paint>Fuselage>Firewall forward>Connect the cabin heater

Objectives of this task:

To connect the cabin heater valve to the heat exchanger and the heat exchanger to the cold air inlet in the front of the cowl.

Materials required:

Card #25 “Cabin Heater”

Fit the heat exchanger

Slip the heat exchanger unit onto the exhaust pipe that runs from the muffler as shown in the photo at right, and move it up as close to the muffler as possible.

Secure with the supplied allen head cap screws, putting a drop of Loctite 242 on each screw. It may be necessary to rotate the unit slightly to accommodate the scat hoses so do not tighten the screws until the hoses have been routed.

Route the scat hoses

Route a length of scat hose from the heat exchanger to the cabin heater valve on the firewall and connect it with a hose clamp at each end.

Route a length of scat hose from the cold air inlet in the front left of the lower cowl to the other side of the heat exchanger unit. Route the hose along the cowling and secure with zip ties through flocked on holders as shown in the photo at lower right.

This completes the *Post-Paint>Fuselage>Firewall forward>Connect the cabin heater* task.

