EXHAUST COMPONENTS

STAINLESS STEEL FIREWALL PENETRATION KIT 3/4

During the testing phase of our all stainless steel heater bypass box, we were astonished at the affects of a simulated engine fire on aluminum firewall components. Watching how fast the aluminum melted away (only 16 seconds) took us by surprise. It became very apparent that fireproofing the firewall was more important than most people realize.

After many months of trial and error, a fireproof pass through was designed. The firewall Penetration Kits offer a fireproof method of getting wires and cables through the firewall in a clean, professional looking manor that allows easy removal for replacement if necessary.

Testing was initiated on most common methods of wire and cable penetrations available on the market. Simulated engine fire was directed at the stainless shields with rubber grommets, high temperature silicone, eyeball fittings, plain rubber grommets and several untried methods. All failed the fire test with the exception of the steel eyeball, and it only accepts one cable.

The kit comes complete with stainless steel fabricated fitting, fire sleeve tubing, two ALL stainless steel hose clamps and a tube of fire block sealant to seal the ends from moisture and gasses. Includes installation instructions.

- Fireproof seal of the firewall for penetration of wires and cables.
- Seals out moisture and gasses.
- Very clean looking installation.
- Available in three sizes.
- Wire and cable bundle accessible from both sides.
- To determine the size you need, plan where you want to run your wire and cable bundles. Use a tie strap or twist tie to bundle the wires and cables. Measure what size holes the bundle will fit through and choose the NEXT LARGER size (see installation instructions.) You need enough clearance between the bundle and stainless fitting to push the second fire sleeve into the fitting creating the fireproof, chafe proof seal.

Typical installation. Wires can be run straight out or turned back to attach on firewall reducing vibration.

Firewall Penetration Kit 3/4"
P/N 09-00979 $44.50
Firewall Penetration Kit 1/2"
P/N 09-02601 $59.85
Firewall Penetration Kit 1"
P/N 09-00979 $76.75

HEATER BYPASS VALVES

Three models of the all stainless steel heater bypass boxes are offered. The engine side control lever comes with a backing plate that attaches to the cabin side of the firewall and has a 2 inch scat tube outlet so a tube can be attached in the cabin that directs air where wanted.

All stainless steel construction offers a fireproof closure in case of an engine fire. New flapper design offers better seal to keep out hot air when closed.

HEATER BYPASS VALVE FOR RV-10
P/N 08-06230 $188.00

HEATER BYPASS VALVE WITH CABIN SIDE CONTROL LEVER FOR RV-7, RV-8 AND RV-9
P/N 08-01311 $96.00

HEATER BYPASS VALVE WITH ENGINE SIDE CONTROL LEVEL
P/N 08-01311-1 $134.85

2-1/2 INCH Y TUBE CONNECTOR
With 2” offshoot. If you are running 2.5” tubing in one area and 2” to another, this is your part. Weight is 1.8 ounces.
P/N 08-07303 $30.75

2 INCH DIAMETER Y TUBE WITH SHUT-OFF VALVE
This is a DL-010 “Y” Tube, modified with a shut-off valve in the straight run tube. The shut-off valve enables the builder to divert the flow of air from the straight tube and direct all or part of the air flow to the angled tube. Furnished with one stainless steel hose clamp. Weight is 2.9 ounces.
P/N 08-07296 $63.75

MODIFIED VA175 TUBE CONNECTOR
This is a direct replacement for the VA175 (Van’s part number). The VA175 directs warm air in the RV-10 tunnel to both sides equally. With the Modified VA175, air can be directed all to one side, partially to one side, or both sides, through the controllable (cable actuated) flapper on the inside of the unit.
P/N 08-07306 $64.75

SHUT OFF VALVE TUBE CONNECTOR
Expanded on one end to 2” O.D. to slip over a 2” O.D. tube to divert air in two directions. Especially handy for close to the firewall applications. Also available with non-expanded short leg. Weight is 1.7 ounces.
P/N 08-07304 $31.75

EXHAUST SHIELDS
Over the years we have seen failure of the rivets that hold the exhaust heat shield to the mounting bracket. The solution was to spot weld the stainless steel mounting bracket to the stainless steel heat shield thus eliminating the possibility of rivet failure. Adding additional spot welds insures reliability. They are offered in two sizes, 2 inch and 4 inch to cover most applications.

Exhaust Shield 2"
P/N 08-07351 $11.50
Exhaust Shield 4" P/N 08-07352 $12.95

Prices Subject to Change Without Notice