

HEAT BOXES – HEAT SHIELDS



VHT FLAMEPROOF COATINGS

Originally designed for NASA's reentry spacecraft, VHT FlameProof is a scientifically formulated compound designed to withstand temps. up to 1500°F (816°C) VHT FlameProof coatings are capable of withstanding extreme environments of spacecraft, satellites, military aircraft, and motor sports. It survives where other paints can't, shields & protects, maintains the finish, prevents rust & corrosion, and resists oils & solvents. For aircraft applications the typical use is on high temperature steel components such as exhaust & turbocharging systems. Excellent for use as a heat resistant and anti-corrosion coating on exhaust manifolds and turbine casings. Both the Flat Aluminum and Flat Black are non-facing colors.
 Flat Aluminum 16 oz. aerosol spray..... P/N 08-00713.....
 Flat Black 16 oz. aerosol spray..... P/N 08-00714.....
 Flat Black Quart Can..... P/N 08-00716.....



THERMO-TEC HEAVY-DUTY SPRAY ADHESIVE

Thermo-Tec's new Heavy-Duty Spray Adhesive is a fast-drying, quick-bonding, high temperature contact adhesive. Use it wherever you need a secure, long-lasting, easy-to-apply bond. It is available in a generous 16.75 oz. can.
 P/N 08-01026.....

BLACK SATIN COATING

The easiest to apply, Black Satin also requires bead or sand-blasting of all parts. It does not, however, require oven curing or burnishing. One 4oz bottle will cover one average exhaust system and will provide a long-lasting flat black finish.
 4 oz..... P/N 13-01024.....



EXHAUST HEAT SHIELD

This heat shield is placed on exhaust where fuel lines, cable, etc. are close to exhaust and where heat may be a problem.

Mounts with stainless radiator type clamp (not included). Fits exhaust pipes up to 2.5" diameter. Very popular on RV's and other homebuilt aircraft.
 Single Unit..... P/N 08-00050.....
 Double Unit..... P/N 08-00051.....



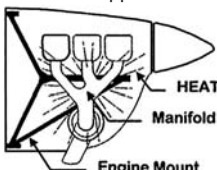
RADIANT HEAT SHIELD KIT

The purpose of this kit is to help the aircraft home-builder make their own heat shields. Experience has shown that a heat shield is rarely over 8 inches, thus the 20 inches of shield material in the kit should provide the various lengths needed. You would not be limited to heat shields that are fixed in length. Also you can position the brackets in many configurations allowing the shield to be attached to the exhaust pipe without interference with bends, other clamps, probes, and so forth. You do not have to limit the location based on standard heat shield attachment configuration.
 P/N 08-06286.....

ENGINE MOUNT HEAT SHIELDS



Heat damaged O-470 & O-520 engine mounts are a definite problem area. You can easily protect these engine mounts from further damage with these heat shields. The aircraft manufacturers overlook providing heat protection in these areas when they designed and produced the aircraft. INSPECT ENGINE MOUNTS. Flaking paint, deterioration or pitting leads to cracking, and breakage – in other words, an UNSAFE CONDITION. If you want long-lasting protection from corrosion damage, the solution is install custom engine mount heat shields that are FAA & STC/PMA approved.



Avoid downtime and save money on airplane maintenance with this practical new device. The heat shields are built from an extremely durable 6061-T6 aluminum alloy and install in minutes. The complete kit includes installation hardware, instructions & copy of the Supplemental Type Certificate.
 For Cessnas: Heat shield kit for 180, 180A-H, 180J, 180K, 182, 182A-R
 P/N 08-01660.....

Heat shield kit 185A-E, A185F. Fits Standard and 3 bladed mounts.
 P/N 08-00767.....
 Replace. Intake Shields (heavy duty) PMA'd.. P/N 08-00769.....
 Cowling Off Ground Run Filter for 1960-1986 carbureted Cessna 180/182..... P/N 08-01665.....
 For Pipers: Heat shield kit for PA-30, PA-39 (4 shields prevent surging in hot weather)..... P/N 08-00768.....



CARBURETOR INTAKE ASSEMBLIES (HEAT BOXES)

P/N A40522 for Continental A-65 through C-125.
 Also fits Lyc. O-235, O-290, O-320 engines with MA3SPA, MA4SPA carburetors.
 Complete assembly includes heat box, filter, gaskets, studs and pins.
 Not for Certified Aircraft, Homebuilts Only.

Component	Part No.	Price
Heat Box	50256	
Filter	A40599	
Gasket	35923	
Studs (4 required)	24306	
Pins (4 required)	24308	
Bottom Carb. Gasket	21323	
A40522 Assembly	08-01300	

CONT. O-200 HEAT BOX CESSNA 170 STYLE HEAT BOX

For Cont. O-200 engine as used on Cessna 150. Also fits Cessna 120, 140, and PA-22 Tripacer. Order filter, gaskets, studs & pins separately.
 P/N 641534.....
 Cable 'B' Nut P/N 05-16245.....
 Heat Box for Cessna 170 - Similar to P/N 641534 above, but larger
 P/N 08-01625.....
 Similar to Cessna 170 box. Fits Lyc. O-360, O-470, etc. Uses bracket BA-5110 filter..... P/N 08-01630.....

LYCOMING AND CONTINENTAL CARBURETOR HEAT BOXES

Lycoming O-320 and Continental A65-100 Carb Heat Boxes. The 100-320 is 2-1/2" diameter height is 1" smaller flange.
 Lycoming O-320 Carb Heat Box..... P/N 05-01388.....
 Cont. A65-100 Carb Heat Box..... P/N 05-01387.....

CARB HEAT BOXES FOR PUSHER AIRCRAFT

Designed for airplanes and rotorwing aircraft with engines in pusher configuration using MA3/MA4 carburetors (not MA4-5). Uses same baskets as J-3 & C-150 boxes..... P/N 08-00855.....

USHER CARBURETOR HEAT BOXES

These high quality carburetor heat boxes are available for most common Lycoming & Continental engines. Not FAA approved. (Shown here with tube)
 K1F Heat Box w/o tube..... P/N 08-01601.....
 K1M Heat Box with tube..... P/N 08-01602.....
 KO320 Heat Box with tube..... P/N 08-01603.....
 KO360 Heat Box with tube..... P/N 08-01604.....

CARBURETOR INTAKE BOX BRACKET FOR CESSNAS

This carburetor intake box bracket mounts on top of the heat box and attaches to the engine to provide support for the heat box.
 Fits Cessna 150. P/N 08-01305.....

CARBURETOR HEAT BOX REPAIR KITS

Prevent carburetor heat box cracking - a common problem on Cessna 150 aircraft and Cont. O-200 engine. Kit consists of actuating shaft, 2 bearing assemblies and arm. Kit no. FG100 fits Cont. O-200-A, B, C Engines. Kit No. FG105 fits Cont. O-300-A, B, C, D, E engines.
 Model FG100..... Kit No. 08-01309.....
 Model FG105..... Kit No. 08-01310.....

ECONOMY CARB HEAT BOX REPAIR KITS

These kits include new shaft & bearings.
 Kit for Cont. C-85, C-90, O-200 Engine
 P/N 07-00110.....
 Kit for Cont. C-145, O-300 Engine
 P/N 07-00120.....

Requires FAA form 337 for installation on certified aircraft

CARB HEAT BOX ARM HOLE REPAIR KIT

Use this kit to repair an elongated hole in the carburetor heat box actuating arm. Kit comes complete with new bolt and attaching hardware made of stainless steel.
 P/N 07-00130.....

CARBURETOR INDUCTION MANIFOLD (INTAKE SPIDER)

For O-200 engine..... P/N 35145A-1.....
 For A-65, C-75, C-85 & C-90 engines.
 P/N 35145.....

