

# SMOKE SYSTEMS



## SMOKE SYSTEM KIT MODELS SA-100 SERIES

All of the SA-100 series smoke system oil tanks are the same size (dimensions). Models Differ by oil suction tube design, oil pump mounting location and oil tank configuration. **Note: All kits are available with 12 or 24 volt DC smoke oil pumps. Please specify 12 or 24 volt DC when ordering.**

### SA-101

- For continuous inverted flight.
  - Top mounted oil pump.
  - All hardware for complete installation.
  - Step by step instructions.
  - Height (To top of fill cap is) is 15"
  - Width (End where oil pump is mounted) is 11"
  - Depth (Pump to opposite end of tank) is 8.5"
  - Oil tank capacity: 3.5 US Gallons
  - Approx. oil used per minute: .8 Us Gallons
  - Approx. total run time: 5+ minutes.....P/N 05-01439
- NOTE: Add 1.5" to base on each side or end for bracket width.**



## SMOKE SYSTEM KIT MODELS SA-200 SERIES

Both of the SA-200 series smoke system oil tanks are the same size (dimensions). Models Differ by oil suction tube design.

### SA-201

- For continuous inverted flight.
  - Any Dimension top.
  - Pump can be mounted on top or any side surface.
  - Fill cap and any other fittings installed where you want them.
  - All hardware included for complete installation.
  - Height (To top of fill cap is) is 14"
  - Width (End where oil pump is mounted) is 10"
  - Depth (Pump to opposite end of tank) is 17.25"
  - Oil tank capacity: 5.5 US Gallons
  - Approx. oil used per minute: .8 Us Gallons
  - Approx. total run time: 7+ minutes.....P/N 05-02891
- NOTE: Add 1.5" to base on each side or end for bracket width.**



## ACCESSORIES FOR THE SA-100 & SA-200 SERIES

### SMOKING AIRPLANES EXTERNAL FILL KIT

This kit has everything right down to the vinyl letter transfer "Smoke Oil Only" and detailed installation instructions. P/N 05-03595



## SMOKING AIRPLANES SMOKE OIL PUMP ONLY

**The kit includes:** • 1 Smoke Oil Pump • 1 Molex Quick Disconnect Wire Harness • 1 Instructions • 1 90 Degree AN-6 Fitting • 2 Straight AN-6 Fittings • 2 14 Gauge Wire Butt Connectors • Screws, Nuts Washers – Mounting Hardware • Customer Must Specify 12 Volt DC or 24 Volt DC. 12V.....P/N 05-04477



## SMOKE OIL PUMP TO TANK MOUNTING KIT

Kit enables you to mount the pump anywhere on the tank that you like. Kit contains 2 mounting bars which are attached to the tank using a 2 part structural epoxy. The pump attaches to the bars. P/N 05-15347



## SMOKING AIRPLANES OIL PUMP HEAD REPLACEMENT

Smoking Airplanes Oil Pump Head Replacement. **Features:** • For all Smoking Airplane pumps • 3 screw installation • Takes less than 5 minutes. P/N 05-27109



## SMOKE SYSTEM FIREWALL T BULKHEAD ASSEMBLY

This is a complete assembly of several parts (7 parts) to penetrate your firewall. It is NOT just a plain bulkhead fitting alone. Available with 90 degree hose fitting as shown or 45 degree or straight hose fitting. P/N 05-15345



## YOUR TANK OUR SMOKE SYSTEM

Suitable for all aircraft  
Pump flow: 1.8 +/- GPM  
Oil spray rate: 0.8 +/- GPM  
Works with 12 or 24 volt power  
Engineered for continuous inverted flight

**In The Box:**

- All hardware • All electronics • Suction hose (3') • Pressure hose (10') • Stainless steel hose (3') • 12v pump (& 24v to 12v converter) • Visual step by step instructions link..... P/N 05-27112



## SMOKE OIL TRANSFER PUMP KIT

No more spills! Fill your smoke oil tank quickly and cleanly with this 8 gallon per minute smoke oil transfer pump kit. Made with high quality components including Goodyear rubber hose, heavy duty pump, dispensing nozzle with built in swivel and aluminum hose connection fittings with filter screen and clamps! All you will need to complete the kit is any automotive (or aircraft) type 12 Volt DC battery, and your container of smoke oil! The step by step instruction manual makes set up and use safe and easy. This kit will work with any smoke oil supply container. **Included:** Dispensing nozzle with built in swivel and 3/4" barb fitting, Oil pump with built in on/off switch and 6 foot cable with clamps for connection to battery, 18 foot x 3/4" id delivery hose and 13 foot x 3/4" id suction hose, Suction screen barb fitting and oil pump barb fittings with clamps.....P/N 05-04971



## SMOKING AIRPLANES SUCTION ASSEMBLY

- Brass clunk weight
  - Brass ferrule fittings, 2
  - Black HDPE elbow, 1/2" NPT
  - Silicone rubber hose, 18" (easy to trim)
- P/N 05-27111