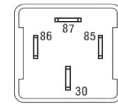
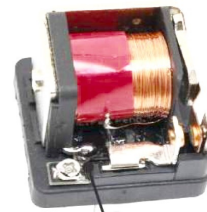
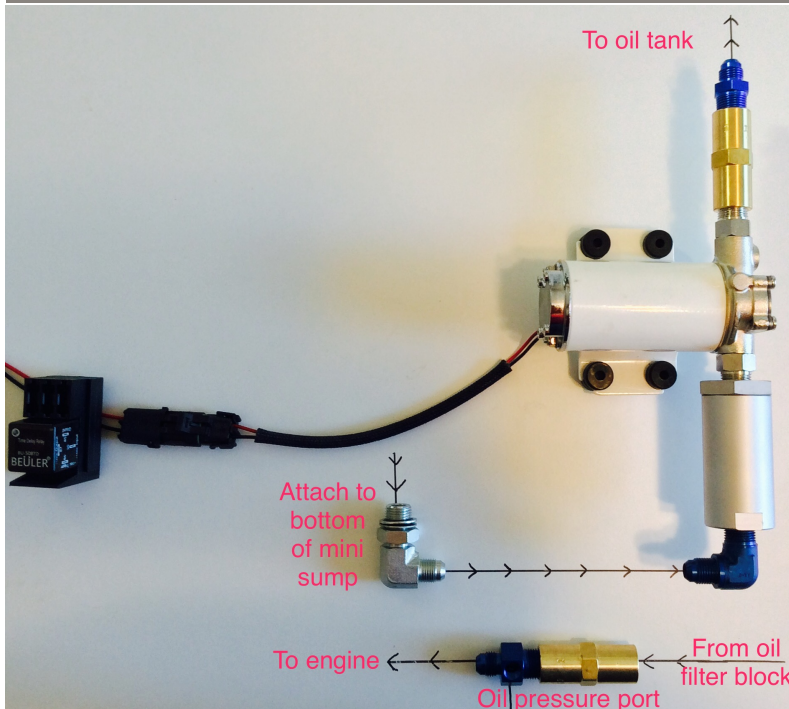
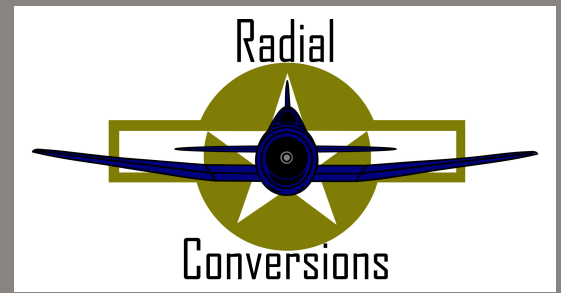


# Clean Kit Installation

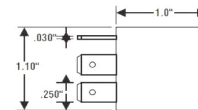
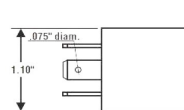


30) +12VDC  
85) Ground  
86) +12VDC (Trigger)  
87) +12VDC Out

IF BENCH TESTING RELAY, A CONSTANT POWER MUST BE PRESENT ON PIN 30 DURING TEST. CONTACTS WILL NOT CYCLE WITHOUT.

TIMER ADJUSTMENT

CLOCKWISE ROTATION - INCREASE PRESET  
COUNTER CLOCKWISE ROTATION - DECREASE PRESET  
RELAY PRESET FOR ~ 2 SEC.  
MAXIMUM DELAY ~ 3 MIN.



- ▶ Congratulations on the purchase of your Radial Conversions Clean Kit for Rotec Radial Engines. The clean kit provides a way for you to reduce waist oil from exiting through the intake drains and exhaust tubes. It also prevents your oil tank from draining through your engine during prolonged sits. The kit has an automatic timer that runs the electric scavenge pump from 2 seconds to 3 minutes. This setting is adjustable by you as you see fit. Or you can run the pump manually via the toggle witch provided.

## Installation Instructions

1. Install check valve into "out" side of the Rotec filter block
2. Mount scavenge pump assembly on lower firewall
3. Mount relay block near battery
4. Install switch in cockpit
5. Wire using provided schematics using 18 gauge aircraft grade wire
6. Remove lower drain plug from mini sump and replace with the provided fitting.
7. Fabricate AN-6 (3/8") oil lines from the drain plug fitting to the filter of the electric scavenge pump. Then from the outlet of the pump check valve tie into the oil pressure relief line back to the oil tank.
8. Run the engine and note the time it takes to drain the engine of oil after shut down.
9. Add 10 seconds to that time and set the time delay relay to run the pump for that amount of time after the master switch is turned off.