



The New Piper Aircraft, Inc.  
2926 Piper Drive  
Vero Beach, Florida, U.S.A. 32960

# SERVICE No. 1136 BULLETIN

**PIPER CONSIDERS  
COMPLIANCE MANDATORY**

Date: September 2, 2003

(S) (M)

**SUBJECT:**

**AUXILIARY FUEL PUMP SWITCH**

**MODELS AFFECTED:**

PA-28-201T Dakota  
PA-28R-201T Turbo Arrow III  
  
PA-28RT-201T Turbo Arrow IV  
  
PA-34-200T Seneca II

**SERIAL NUMBERS AFFECTED:**

28-7921001 through 28-7921095  
28R-7703001 through 28R-7703427 & 28R-7803001  
through 28R-7803373  
28R-7931002 through 28R-8631005 & 2831001  
through 2831038  
34-7570309 through 34-8170092

**COMPLIANCE TIME:**

To coincide with next regularly scheduled maintenance event, but not to exceed the next fifty (50) hours time in service.

**APPROVAL:**

The technical content of this Service Bulletin has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved.

**PURPOSE:**

In March of 2001, a "snap in" type of rocker switch was incorrectly substituted for a screw mounted rocker switch (New Piper P/N 99377-029, code number 588-006) originally provided on the aircraft. A limited number of these incorrect snap-in switches were distributed to the field. The screw-mounted switch allows for proper installation of a lock-out tab which prevents the possibility of accidentally switching to the 'HI' mode operation of the auxiliary fuel pump when it is not desired. The snap-mounted rocker switch does not allow the lock-out tab the ability to provide proper security.

If the auxiliary fuel pump switch is turned on in the HI mode while the engine driven fuel pump is operating normally, engine roughness and/or power loss could occur.

Aircraft that have installed the "snap-in" type of rocker switch in lieu of the screw mounted rocker switch after March 2001 must comply with this service bulletin.

**INSTRUCTIONS:**

NOTE: If the auxiliary fuel pump switch has **not** been replaced since March 2001 on your aircraft and the "screw-mounted" type rocker switch is installed with associated lock-out tab, proceed to Step 7 of the Instructions.

1. Gain access to the backside of the appropriate panel

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**INSTRUCTIONS: (Continued)**

NOTE: Location of the auxiliary fuel pump switch for the Dakota and the Arrow IV is on the instrument panel above the engine control quadrant. Location of the auxiliary fuel pump switch for the Seneca II is on the electrical side panel.

2. Remove the "snap-in" type auxiliary fuel-pump switch from switch panel assembly.
3. Disconnect wire leads from snap-mount switch and place them in the same location on the screw-mount switch.
4. Re-install the lock-out tab insuring the auxiliary fuel-pump switch will not go into the HI position when mounted unless engagement of the HI position is desired.
5. Install the screw-mounted switch (including lock-out) on the switch panel assembly from behind.
6. Secure the screw-mounted switch & lock-out with the two (2) machine screws included.
7. Make a logbook entry indicating compliance with this Service Bulletin.

**MATERIAL REQUIRED:** One(1) each, rocker switch, New Piper part number 588-006 (99377-029)  
Two(2) each, screw, New Piper part number 414-741 (MS24693-S25)  
One(1) each, lock-out tab, New Piper part number 35766-002, per aircraft

**AVAILABILITY OF PARTS:** Your Piper Service Facility.

**EFFECTIVITY DATE:** This Service Bulletin is effective upon receipt.

**SUMMARY:** Applicable Factory Participation is limited to new aircraft in warranty at the time of compliance. Factory Participation will remain in effect for a period of time not to exceed 180 days from the date of this Service Bulletin.

Please contact your Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the compliance time indicated.

**NOTE:** If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections/changes should be directed to:

THE NEW PIPER AIRCRAFT, INC.  
Attn: Customer Service  
2926 Piper Drive  
Vero Beach, FL 32960