

IMMEDIATE ACTION

SERVICE



BULLETIN

NUMBER 53

January, 1942
Rev. Date: 2-20-46

SUBJECT: Fuel Shut-Off Swivel Fitting

MODELS AFFECTED: J3, Serial Nos. 5535, 5547, 5601, 5607, 5608,
5609, 5612 to 8175.
J5, Serial Nos. 5-784 to 5-1384

We have received a number of reports of failure of the fuel shut-off control attachment at the swivel fitting.

Apparently the lockwasher does not positively prevent the nut from becoming loose and, in the cases reported, this has allowed the control wire to slip out of the fitting, with the result that the fuel shut-off could not be operated.

We, therefore, recommend that the plain nut and lockwasher be replaced with a shear nut (AN320-3) and cotter pin (AN380-2) as shown in the attached sketch.

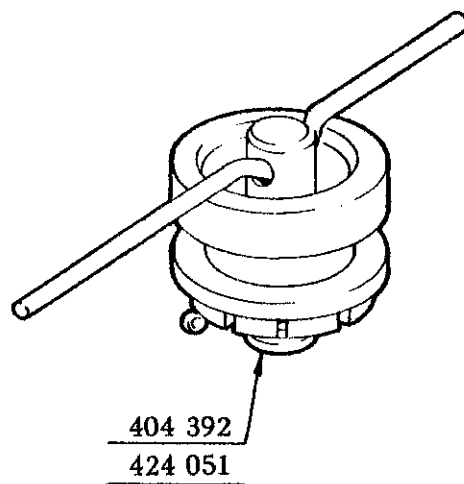
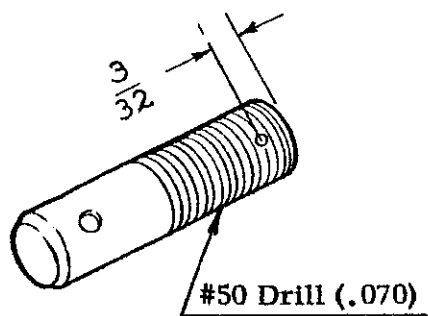
It will be necessary to drill the stud with a No. 50 drill (.070) to accommodate this cotter pin.

Upon re-assembling this attachment, care should be taken that the control wire is drawn well into the fitting recess. The free end of the wire should then be straightened to be parallel with the main section as shown in sketch.

We also recommend that the fuel shut-off valve be periodically checked to assure its free operation.

The above change should be covered by an appropriate entry in the aircraft log book.

PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.



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