

SERVICE INFORMATION LETTER

FROM: JetProp LLC

21 October 2014

SUBJECT: Fuel Control Condition Lever and Throttle Interconnect Rod

TO: JetProp Owners (JP 284 and earlier)

This service letter supersedes JetProp Service Letter 13-560-02.

Background. Since JetProp LLC only uses a single idle position (does not have a ground idle and flight idle position), the fuel control interconnect rod linkage between the fuel condition lever control and the throttle control does not serve a function. See Figure 1 below. JetProp service letter 13-560-02 discussed this issue and recommended removing the bushing and backing the nut on the rod off to prevent potential binding. However, JetProp has recently received a report of slight binding on the throttle.

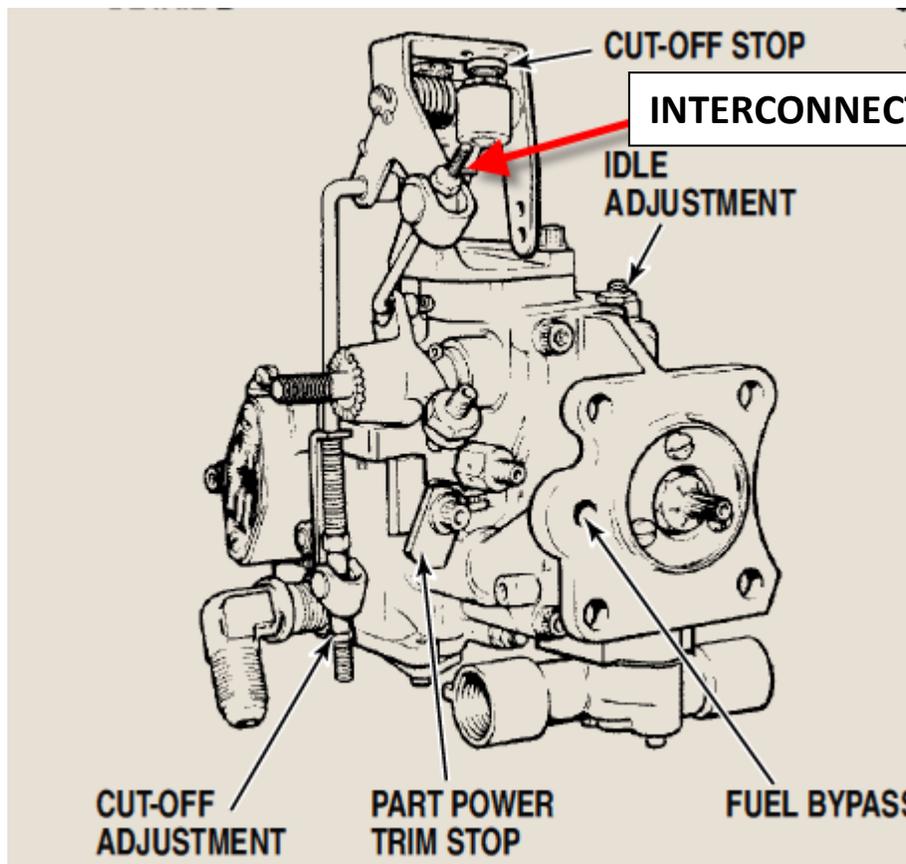


Figure 1. Engine Fuel Control Unit

Recommendation. Since the fuel control interconnect rod linkage between the fuel condition lever control and the throttle control does not serve a function for the JetProp installation, JetProp LLC recommends removing the interconnect rod to prevent any possible binding with the throttle. Starting with JetProp conversion number 285, the interconnect rod will be removed during JetProp conversion.

Procedures to Remove the Interconnect Rod. The following is the recommended procedure to remove the fuel control interconnect rod linkage between the fuel condition lever control and the throttle control.

1. Remove the top cowling to gain access to the fuel control on the right aft part of the engine.
2. Remove the nut (and bushing if still installed) on the end of the interconnect rod. See Figure 2.
3. Remove the cotter pin on the aft inboard side of the interconnect arm holding it in place. See Figure 2.
4. Measure the height of the condition lever “ON” stop so it can be reinstalled in the same position. Then remove the condition lever “ON” stop. See Figure 3.
5. With the condition lever “ON” stop removed the condition lever linkage can be moved far enough to remove the interconnect rod from the bushing in the condition lever linkage. Once it is out of the bushing, remove the condition lever bushing and remove the interconnect rod from the throttle linkage. (If more movement of the condition control is needed to get the interconnect rod out of the bushing, remove the condition lever rod end. See Figure 2.)
6. Reinstall the condition lever “ON” stop to its original position/height.
7. Check all throttle and condition lever linkage for smooth operation.
8. Install the top cowling.

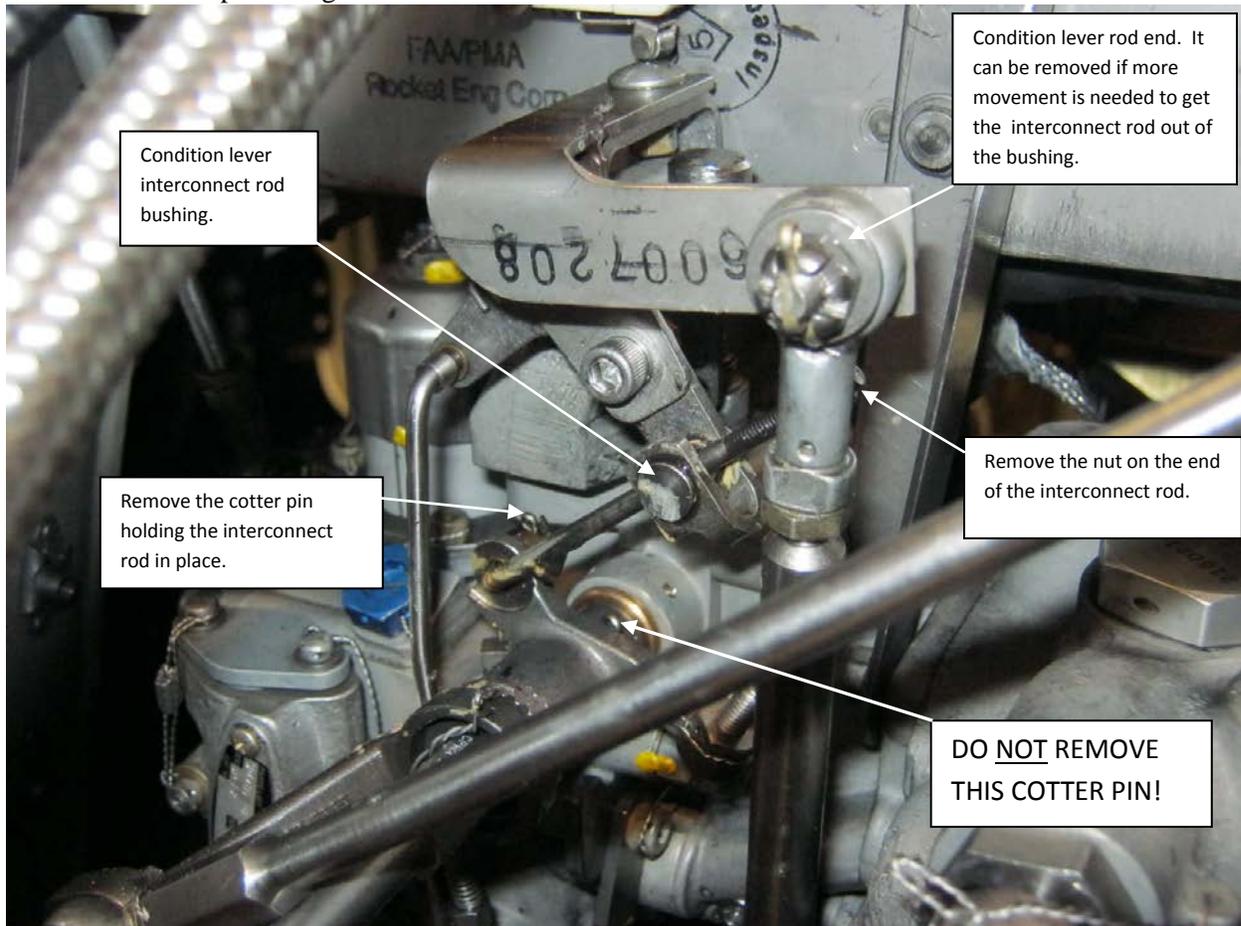


Figure 2. Interconnect Rod

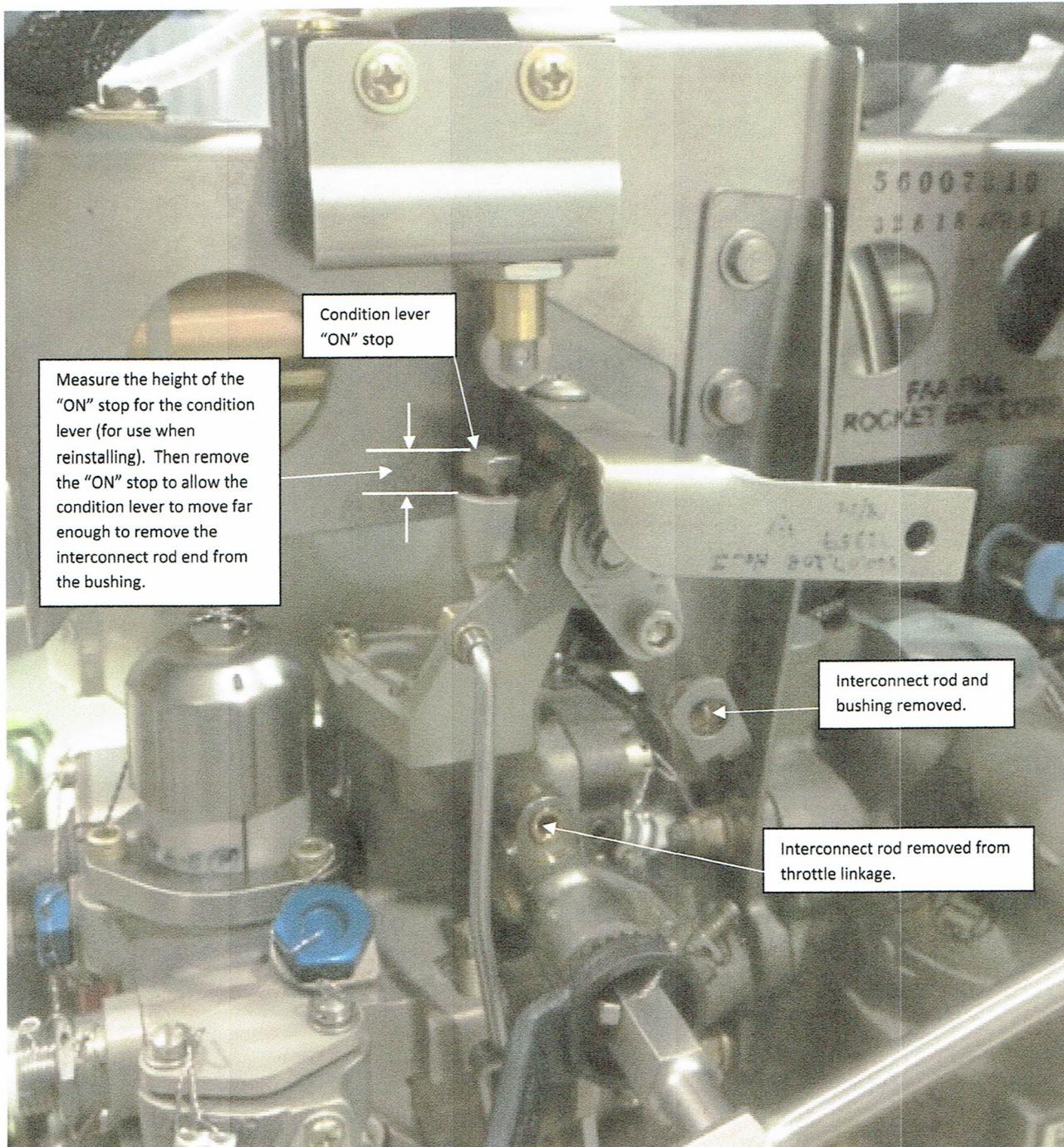


Figure 3. Condition Lever "ON" Stop

Documentation. Once this change has been accomplished, make a log book entry noting that JetProp Service Information Letter 14-560-01 was accomplished.

Sincerely,

Darwin Conrad
Chief Operating Officer