

ADJUSTMENT OF ENGINE STOP SOLENOID

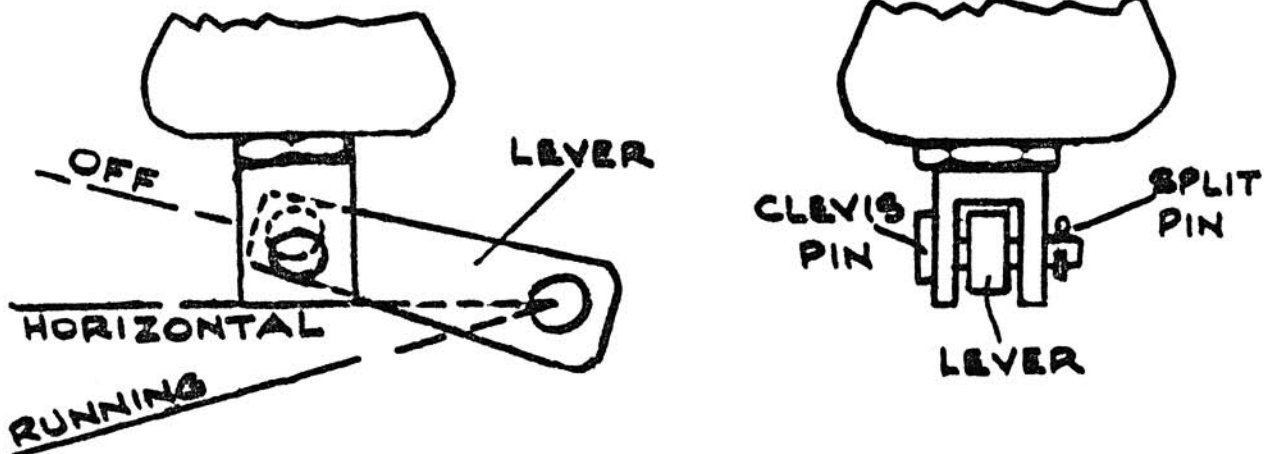
REQUIREMENTS

To ensure that the engine is shut-down when required and that the life of the stop solenoid is extended.

REASON

Incorrect adjustment leads to the engine not being shut down or burning out of the solenoid due to the 'pull in' coil being energised when the engine is stopped instead of the 'hold in' coil which has a low current consumption.

METHOD



1. Ensure that the Stop Solenoid mounting bracket is secure on the pump governor housing (AEC) or engine sump (Leyland) and Pump Governor housing (Leyland - Albion) and that the Stop Solenoid is secure.
2. Remove split pin and withdraw clevis pin from fork.
3. Energise Solenoid (Armature should move to 'Stop' position).
4. Operate lever to 'Stop' position by hand.
5. Slack off lock nut and adjust fork until lower portion of lever hole shows 1m.m. in eye of fork (as shown in left hand illustration above).
6. Lower lever to bring holes in line. Refit clevis and split pins and tighten lock nut.
7. Test Stop Solenoid by ensuring engine is shut-down at Full Throttle
8. Readjust where necessary.