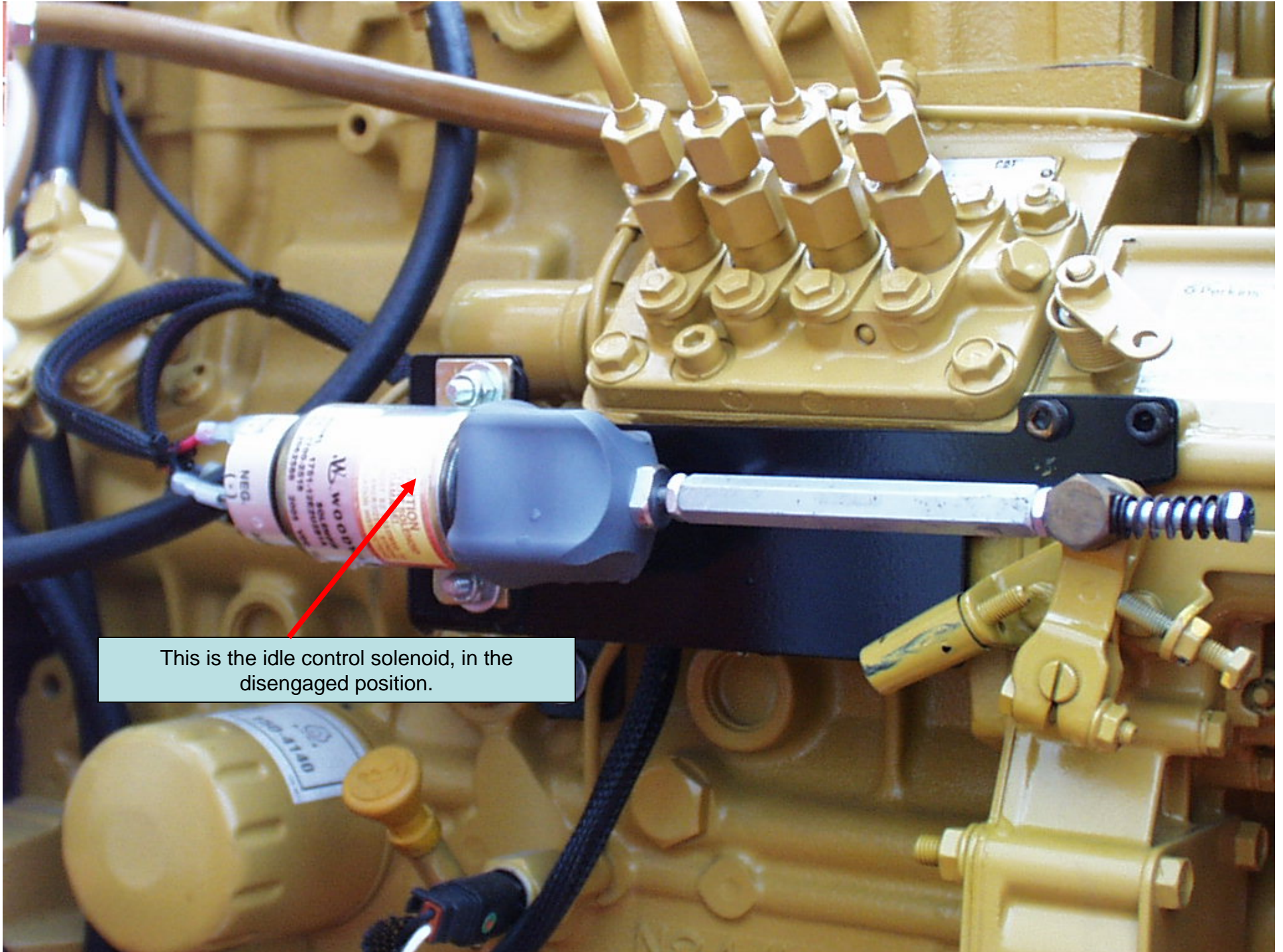


The logo for Wood-Mizer, featuring the brand name in a bold, italicized, black serif font. The text is set against a horizontal gradient bar that transitions from orange on the left to yellow on the right. The entire logo is enclosed in a thin black border.

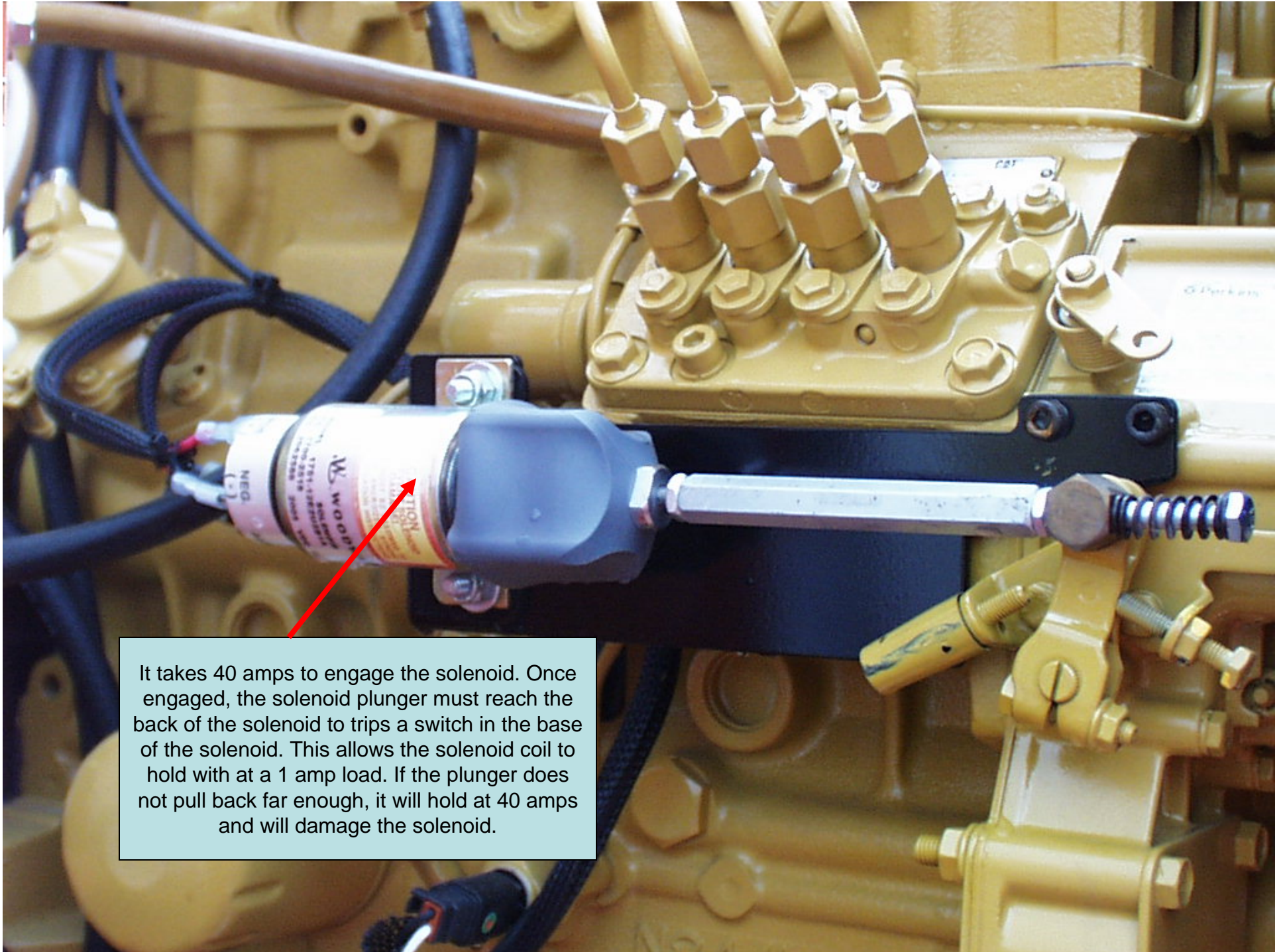
***Wood-Mizer***<sup>®</sup>

## Caterpillar Idle Step-Up Solenoid Adjustment Procedure

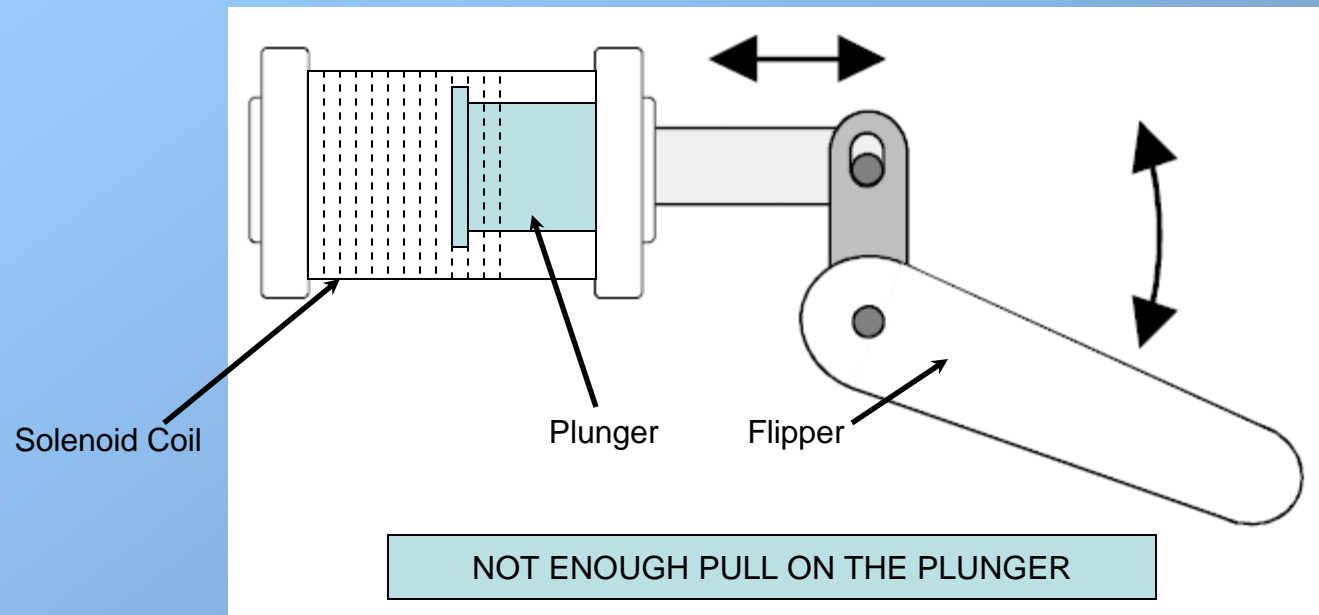


This is the idle control solenoid, in the disengaged position.

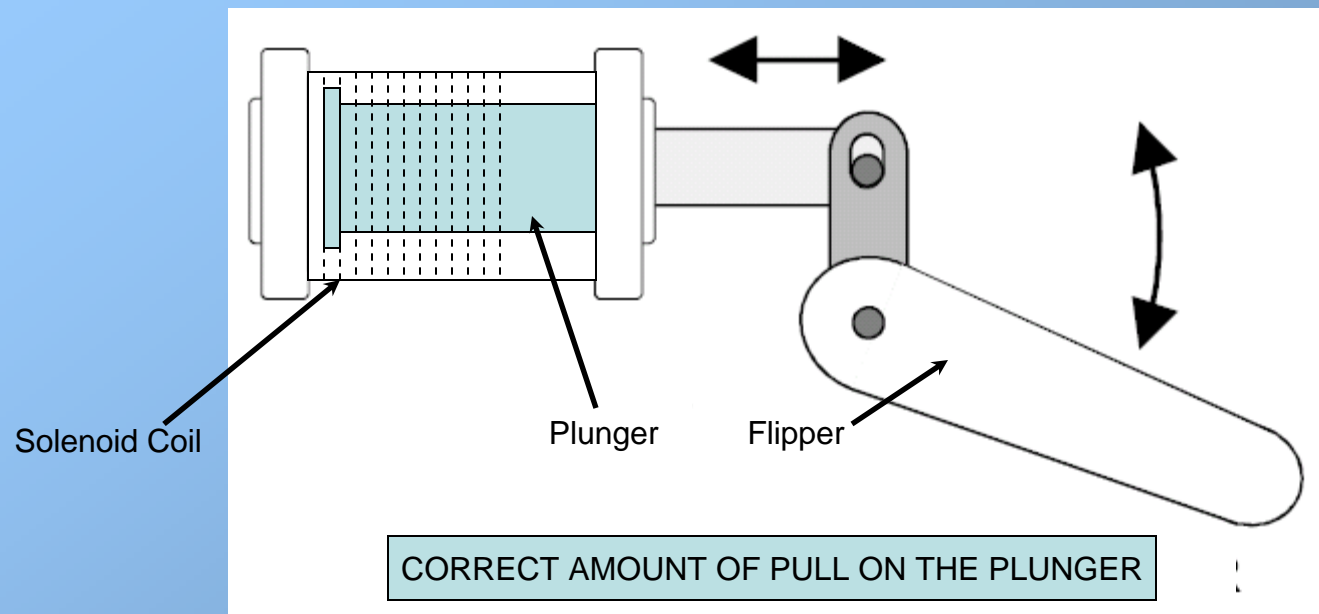




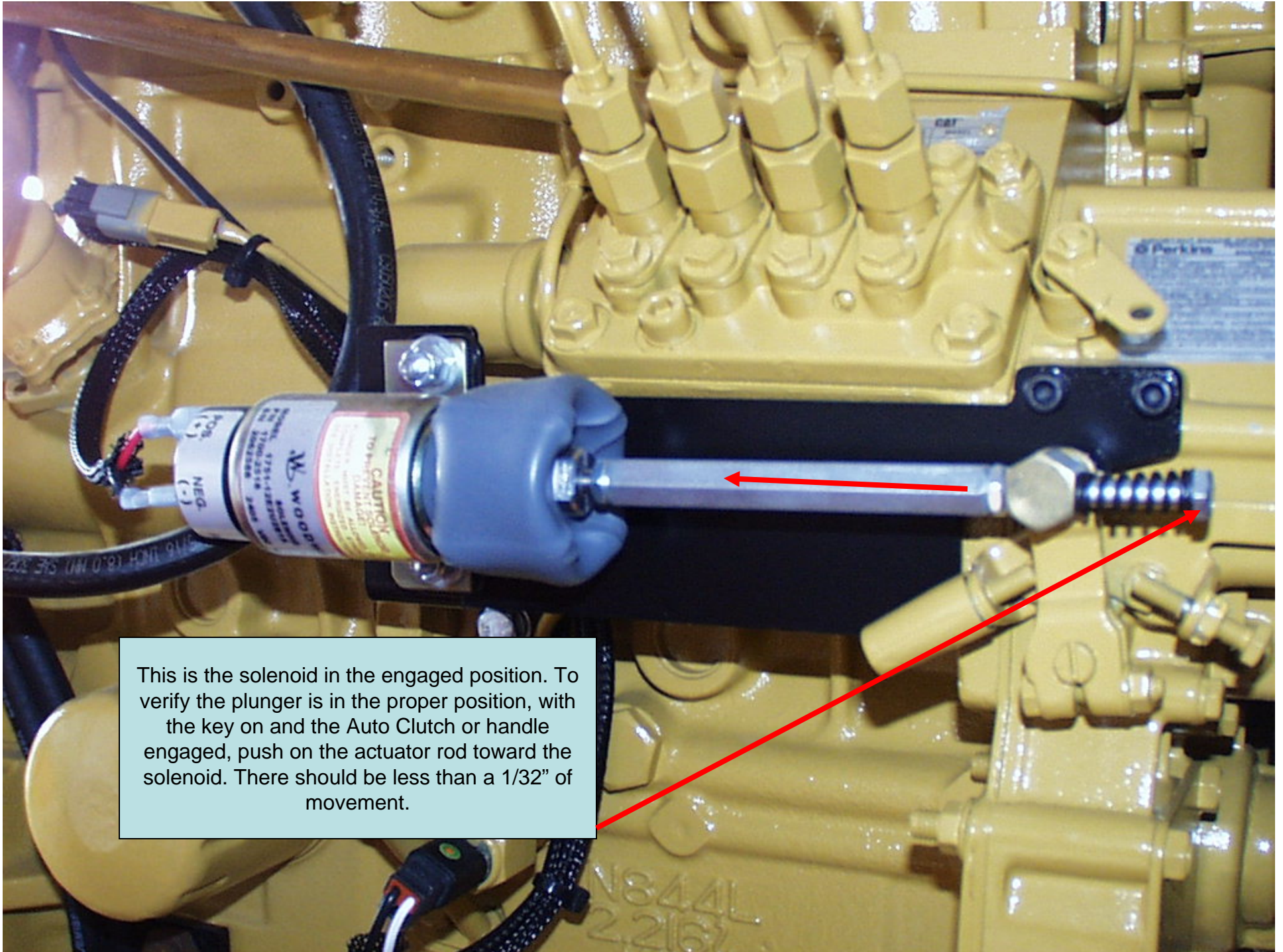
It takes 40 amps to engage the solenoid. Once engaged, the solenoid plunger must reach the back of the solenoid to trips a switch in the base of the solenoid. This allows the solenoid coil to hold with at a 1 amp load. If the plunger does not pull back far enough, it will hold at 40 amps and will damage the solenoid.



The plunger needs to be within the coil of the solenoid far enough, so that when the solenoid pulls, it will activate the 1 amp holding

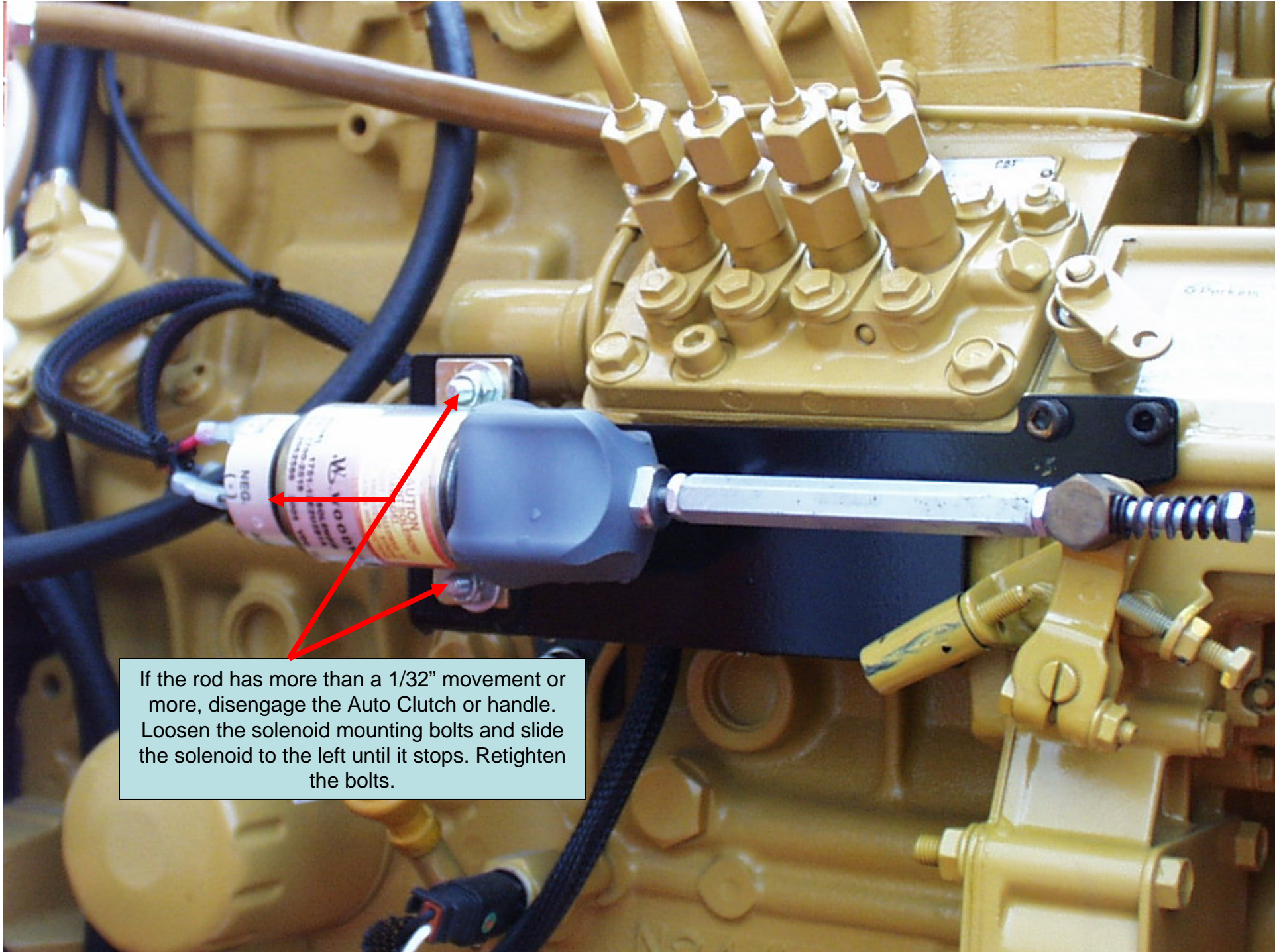






This is the solenoid in the engaged position. To verify the plunger is in the proper position, with the key on and the Auto Clutch or handle engaged, push on the actuator rod toward the solenoid. There should be less than a 1/32" of movement.





If the rod has more than a 1/32" movement or more, disengage the Auto Clutch or handle. Loosen the solenoid mounting bolts and slide the solenoid to the left until it stops. Retighten the bolts.





Re-engage the Auto Clutch or handle and adjust the turnbuckle until there is less than 1/32 "movement.



THE END