



**DIPACO**  
**DIESEL**  
**PARTS**  
**U S A**

# PRODUCT INFORMATION

**FI-70**

July 1999

File: Cummins

## Throttle Shaft Fuel Adjusting Screw Installation Procedure

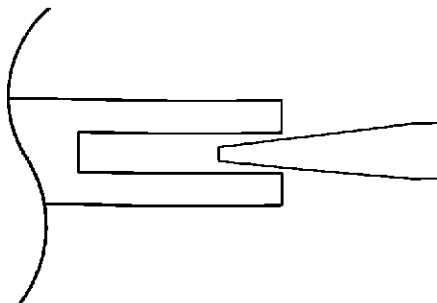
---

The D3076040 fuel adjusting screw for Cummins throttle shafts has two Nylok inserts in the threads. These have been added to reduce screw movement during installation of the tamper resistant ball in the end of the throttle shaft or vibration during operation.

During installation of this screw, the Nylok inserts create more resistance and require increased pressure in order to turn the screw. There have been reports of this excessive pressure causing the screw to break or lockup in the throttle shaft.

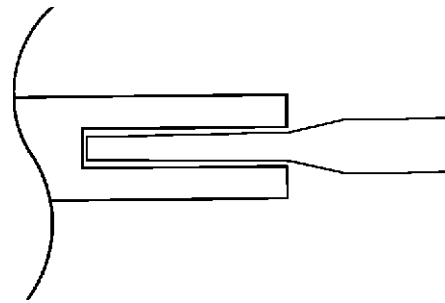
This breakage is due to using a screwdriver with a blade too thick for the slot in the adjusting screw. When using a screwdriver with a blade too thick, the increased pressure required to thread the screw causes the top of the screw to spread and break, or the threads on the adjusting screw to tear against the threads in the throttle shaft, causing the screw to seize.

The screwdriver blade must be thin enough to set all the way in the bottom of the slot in the screw without expanding the slot. It is recommended a screwdriver with a hollow ground blade be used to install the adjusting screw.



Adjusting Screw

**INCORRECT** Screwdriver Blade



Adjusting Screw

**CORRECT** Screwdriver Blade

---

**ADMINISTRATION**  
(775) 329-7511  
(775) 329-9740 Fax  
admin@dipaco.com E-mail

DIPACO, Inc.  
105 East Parr Blvd.  
Reno, Nevada, 89512 • USA  
Internet: www.dipaco.com

**SALES**  
Toll Free (800) 648-4720  
Toll Free Fax (888) 320-7761  
E-mail sales@dipaco.com