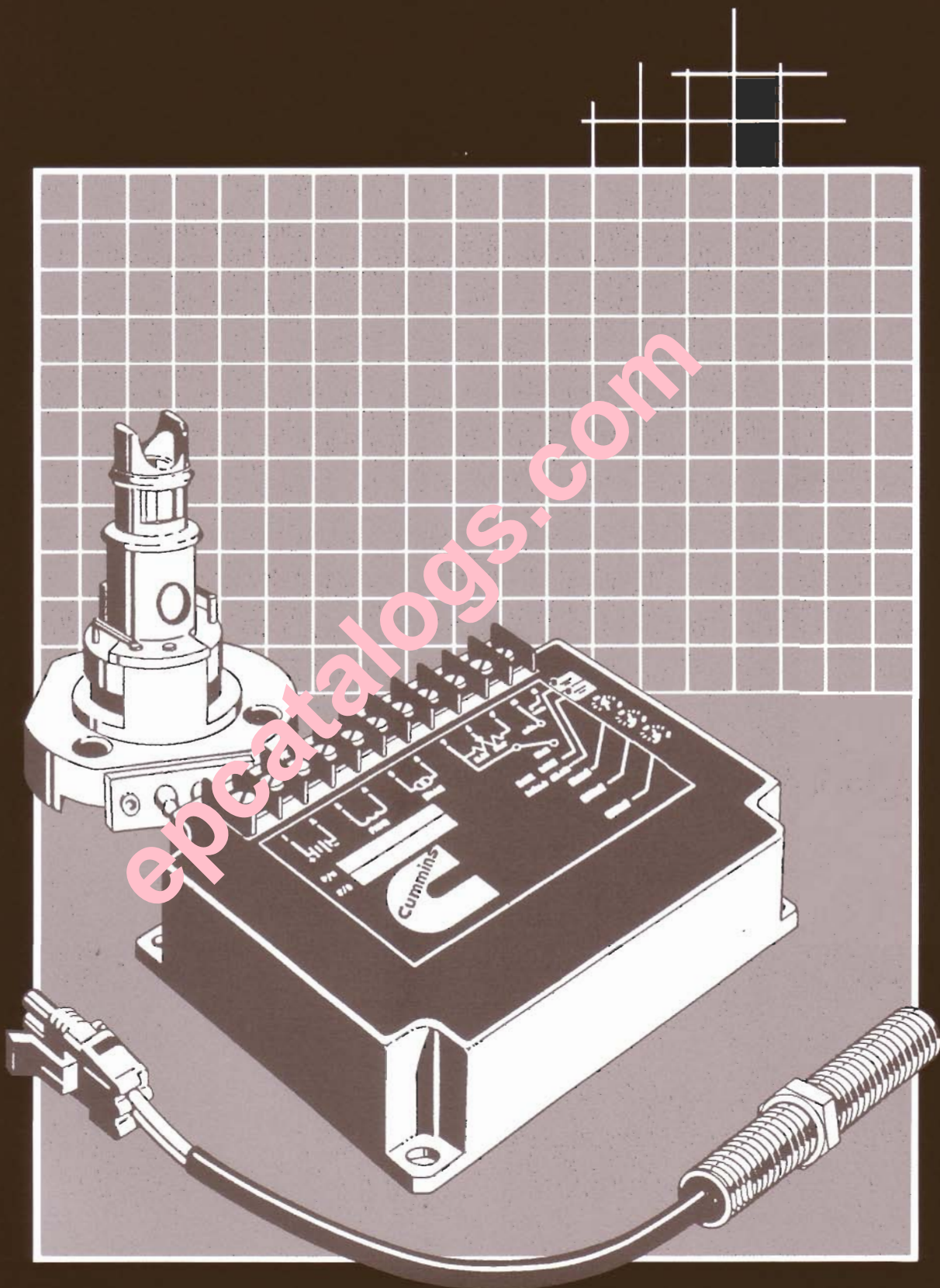




Electric Fuel Control Governor



Electric Fuel Control Governor

Cummins Diesel Engine

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Foreword

The Electric Fuel Control (EFC) governor is used on the PT (type G) fuel system. The governor can be adjusted for isochronous or droop governing applications. The governor is available with normally open (fail to the open position) or normally closed (fail to the closed position) system.

This publication contains the instructions for the installation, adjustment, and troubleshooting of the Cummins EFC governor on a generator set or a generator drive application.

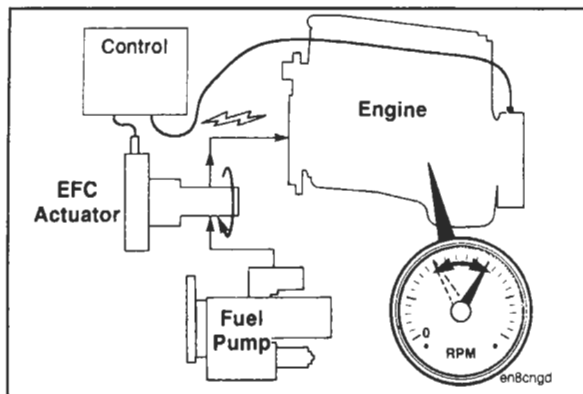
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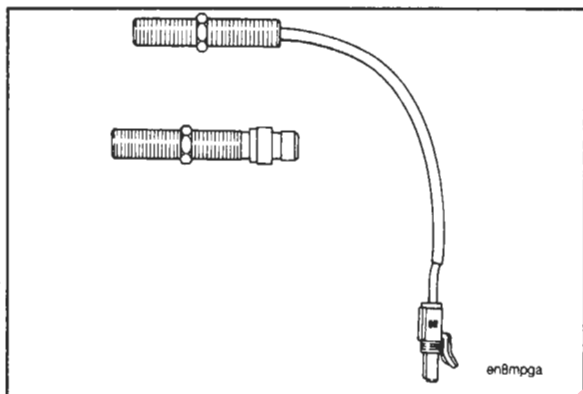
Service Tools (or Equivalent) Required

Tool Number	Tool Name
ST-752	Mechanics Hand Tool Set
3377462	Digital Tachometer
3376898	Electrical Multitester
3376613	Potentiometer Screwdriver
3376897	Cycle (Frequency) Meter
	24 Volt DC Batteries



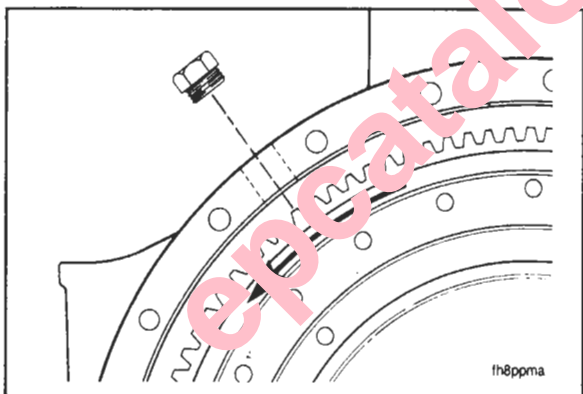


The change in current in the actuator coil will make the actuator shaft rotate. The fuel flow, and engine speed or power will change when the actuator shaft rotates.

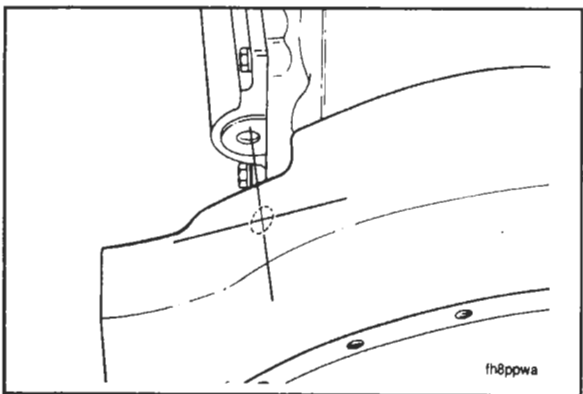


Magnetic Pickup Installation

The magnetic pickup is an electromagnetic device. The pickup is mounted in the flywheel housing. There are two types of magnetic pickups.



Remove a pipe plug from the flywheel housing that aligns with the flywheel gear teeth. Rotate the flywheel to center a gear tooth below the magnetic pickup hole, if necessary.



If the flywheel housing does not have a pipe plug that aligns with the flywheel gear teeth, drill and tap a hole in the housing.

NOTE: The drill chips must be removed from the flywheel housing. The main generator must be removed to clean the chips out of the housing.

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