

Cranks over but has a hard start or no start

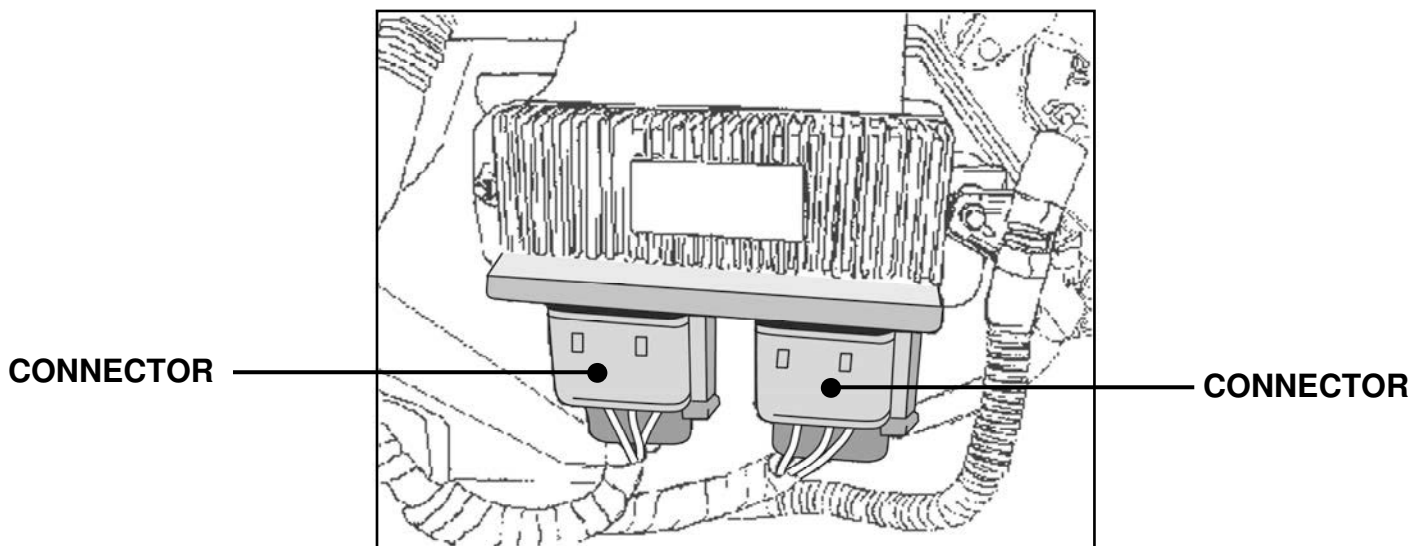
2003-2004 Ford Excursion, F-Super Duty Equipped with 6.0L and 7.3L Diesel

Symptom:

Some vehicles equipped with a 6.0L and 7.3L diesel may have this condition. This may be due to a Glow Plug Control Module **CONNECTOR**.

Procedure:

1. Make sure battery or batteries are fully charged
2. Inspect GPCM connector for:
 - Pin fit. No looseness
 - Pin pulled out
 - Bent pins
 - Corrosion / oxidation
3. If connector problems exist, replace connector with service kit from dealer. (GPCM Connector Kit: 4C32-12B568-AA)
4. If no connector problems present, proceed with normal diagnosis.



Glow Plug Control Module located right front engine

Repeated Starter Replacements

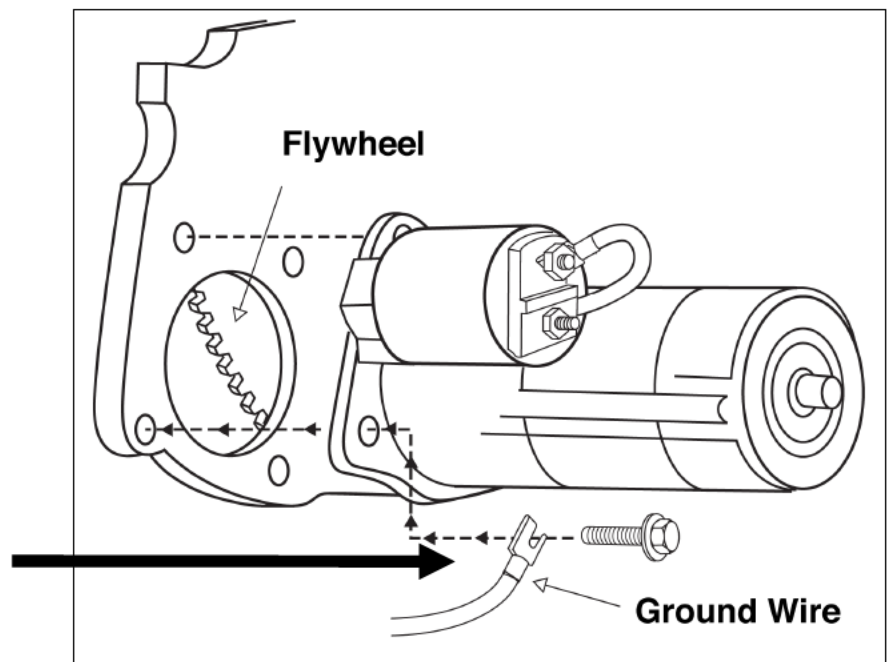
F Series 2002 – 2003 7.3L

Field reports indicate two common situations occurring

#1 Symptom: Repeat starter replacement, Starter motor spins without engagement, Starter motors spins then engages harshly, Slow cranking or No cranking.

Probable cause: Poor ground cables and connections

Solution: Clean and tighten current cables and connections. Adding a secondary ground 2/0 gauge cable/wire or heavier from the starter mounting bolt to the battery ground post or frame connection has resulted in improved starting capability and increased starter life.



#2 Symptom: “Ghost start”, No start or intermittent start

Probable cause: Leaking windshield allows water to enter and run down the wiring harness into the GEM module/Central Junction box located under the dash on the driver’s side.

Solution: Repair windshield leak. Evaluate junction box for moisture damage – corrosion, oxidation and rust. Replace as required.