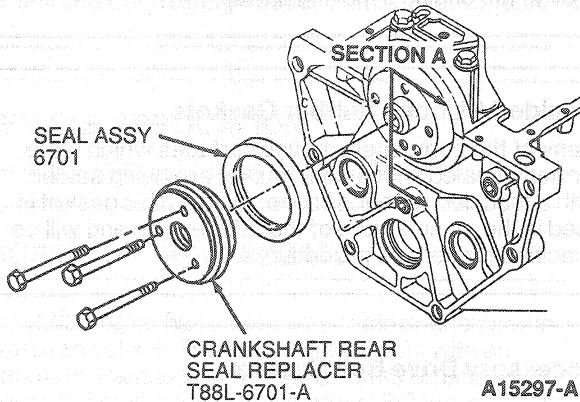
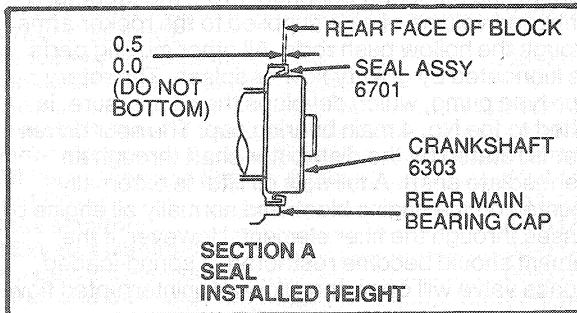


## IN-VEHICLE SERVICE (Continued)

- Using sharp awl, punch one hole into seal metal surface between the seal lip and the engine block.
- Screw in the threaded end of Jet Plug Remover T77L-9533-B. Use the Jet Plug Remover to remove the seal.

## Installation

- Lubricate seal with engine oil XO-10W30-QSP (ESE-M2C153-E) or equivalent.
- Position oil seal on Crankshaft Rear Seal Installer T88L-6701-A. Position tool and seal on rear of engine. Alternate bolt tightening to properly seat seal.



## Throttle Body

**WARNING: DO NOT MODIFY THE FUEL SYSTEM CONFIGURATION OR COMPONENTS, OR REPLACE COMPONENTS WITH PARTS NOT SPECIALLY DESIGNED FOR USE WITH FLEXIBLE FUEL. FORD MOTOR COMPANY HAS SPECIALLY-DESIGNED THE MATERIALS, COMPONENTS AND SYSTEM CONFIGURATION FOR FLEXIBLE FUELED VEHICLES AND EACH PARTICULAR SYSTEM IS PRECISELY CALIBRATED FOR EFFICIENT OPERATION. THE USE OF DIFFERENT PARTS OR MATERIALS COULD PRODUCE AN UNTESTED CONFIGURATION THAT COULD RESULT IN FIRE, PERSONAL INJURY, OR ENGINE DAMAGE.**

## Removal and Installation

- Disconnect battery ground cable and set aside.
- Loosen air cleaner clean air tube retaining clamps and remove air cleaner outlet tube (9B659).
- Remove idle air control (IAC) valve (9F715) snowshield.