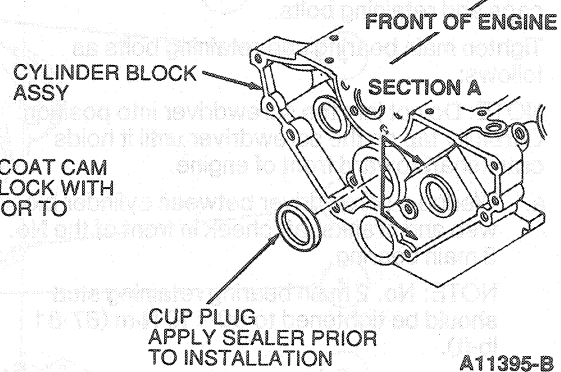
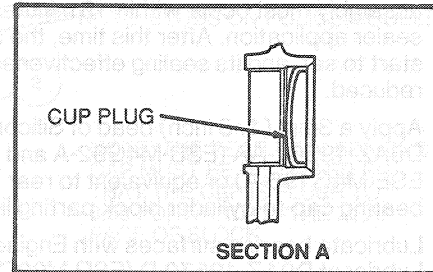
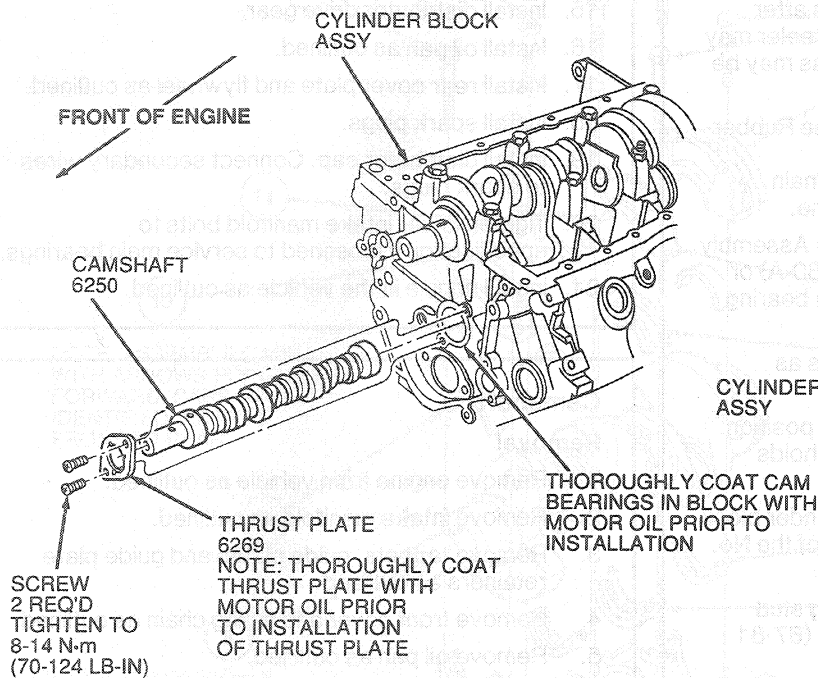


## IN-VEHICLE SERVICE (Continued)

IN-VEHICLE SERVICE (Continued)

9. Install engine in vehicle as outlined.



## Pistons and Connecting Rods

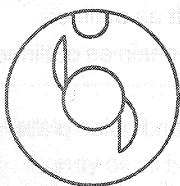
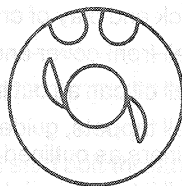
## Tools Required:

- Rotunda Piston Ring Compressor 014-00290
- Rotunda Cylinder Ridge Reamer 014-00292

## Removal

**CAUTION:** Taurus Police vehicles use high silicon alloy pistons. They must be replaced with the same. These pistons are identified by two notches in the top of the piston.

TOP VIEW OF PISTONS

TAURUS/SABLE  
SINGLE NOTCHTAURUS POLICE  
DUAL NOTCH

A14898-A

1. Drain engine cooling system.
2. Remove intake manifolds as outlined.
3. Remove cylinder heads as outlined.
4. Remove oil pan as outlined.

5. Remove oil pickup tube and screen assembly.  
NOTE: If additional clearance is needed, remove windage tray for Police application.
6. Before removing piston, inspect top of each cylinder bore. If a ridge has formed at the top of the cylinder it must be removed before piston removal. Remove ridge as follows:
  - a. Turn crankshaft until piston to be removed is at bottom of cylinder bore.
  - b. Place a clean shop cloth over piston head to collect cuttings.
  - c. Remove ridge using Rotunda Cylinder Ridge Reamer 014-00292 or equivalent. Never cut into ring travel area more than 0.8mm (1/32 inch) when removing ridge.
7. Turn crankshaft until piston to be removed is at the low point of its travel.  
If more than one piston is being removed, identify the pistons and connecting rod caps. Each component should be installed in its original position during assembly.
8. Remove connecting rod cap retaining nuts and cap.
9. Install spark plug boots or suitable protection over connecting rod cap studs and push piston out through the top of the cylinder bore. Use care to prevent damage to bearing surfaces.
10. Install connecting rod cap and hold in position with cap retaining nuts.