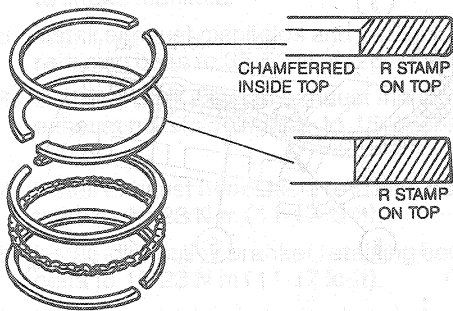


DISASSEMBLY AND ASSEMBLY (Continued)

NOTE: Install bearing cap 3 with lower thrust bearings and check position front and rear.

- e. Lubricate journals of crankshaft with Engine Assembly Lubricant D9AZ-19579-D (ESR-M99C80-A) or equivalent and install bearing caps 1 through 4.
 - f. Apply a coat of Engine Assembly Lubricant D9AZ-19579-D (ESR-M99C80-A) or equivalent to bearing cap bolts and tighten in sequence shown in two steps, first to 46-69 N·m (34-51 lb-ft), then to 78-88 N·m (58-65 lb-ft).
 - g. Verify the crankshaft can rotate smoothly and end play is within 0.021-0.221 mm (0.0008-0.0087 inch). If out of specification, determine if caused by excessive wear on block, crankshaft or both and replace as necessary.
2. Install piston as follows:
- a. Install connecting rod bearing to connecting rod and connecting rod cap so the bearing lug can fit in the groove of the connecting rod and rod cap.
 - b. Apply a light coat of Engine Assembly Lubricant D9AZ-19579-D (ESR-M99C80-A) or equivalent on the piston, piston rings, piston pin, connecting rod bearing and inside the cylinder bore.
 - c. Position piston ring gaps around the piston so gaps are approximately 120 degrees from each other.



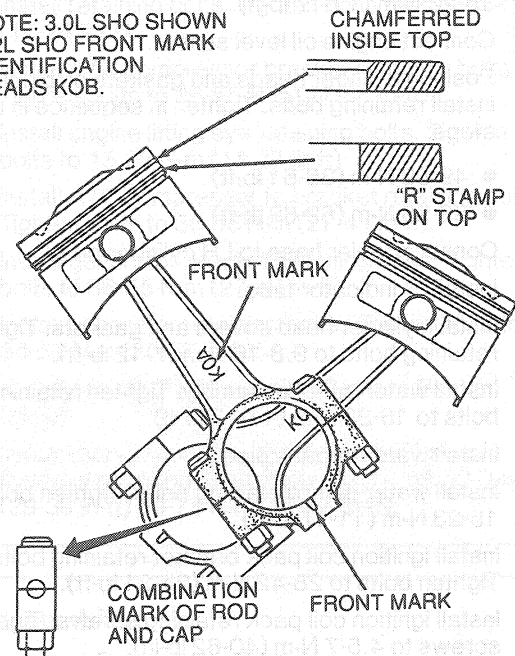
A14888-A

NOTE: Scratching of the crankshaft journal can be prevented by covering the connecting rod bolts with spark plug boots or rubber hose.

- d. Install pistons using Rotunda Piston Ring Compressor 014-00290 or equivalent. Ensure the marks on the piston and connecting rod face towards the front of the engine.

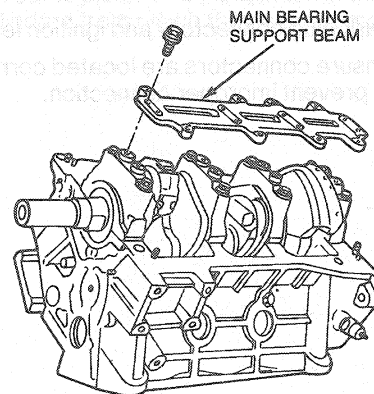
A-0088-A

NOTE: 3.0L SHO SHOWN
3.2L SHO FRONT MARK
IDENTIFICATION
READS KOB.



A12883-B

- e. Lubricate connecting rod bolts and nuts flange with Premium Long-Life Grease XG-1-C (ESA-M1C75-B) or equivalent. Install connecting rod caps and retaining nuts. Tighten nuts in two steps, 30-35 N·m (22-26 lb-ft), 45-50 N·m (33-37 lb-ft).
3. Install oil baffle retaining bolts. Tighten bolts to 15-23 N·m (11-17 lb-ft).
 4. Position oil pump and install retaining bolts. Tighten bolts to 15-23 N·m (11-17 lb-ft).
 5. Install main bearing support beam retaining bolts. Tighten to 21-32 N·m (15-24 lb-ft).



A14887-A

6. Install oil screen retaining bolts. Tighten bolts to 7-11 N·m (62-97 lb-in).