

**Subject**  
**Slave Piston Seal Ring Kit**

**Part Number**  
**P60159**

**Engine Application**  
**Detroit S60 MY2000**  
**12.7L / 14.0L**

**Fits Models**  
**Jacobs 790/795**

**Attention:** Sealing ring pistons are designed to stop oil bypass in bores and are unable to prevent damage due to piston misalignment if excessive wear present.

## Installation Instructions

### REMOVAL OF THE HOUSINGS FROM THE ENGINE

1. Thoroughly clean the engine around the valve cover and remove. Check the gasket and replace if necessary. On two piece valve covers, only remove the top.
2. Loosen the 12 slave piston adjusting screw lock-nuts.
3. Remove the wires to the solenoids.
4. Loosen the housing hold down bolts evenly.
5. Remove both housings from the engine.

### DISASSEMBLY AND ASSEMBLY OF THE BRAKE HOUSINGS

1. Place the housings on a clean work bench.  
**Note:** when removing all parts keep them in order of their original location for installation later.
2. **Slave piston removal.**  
**Use caution** and wear eye protection, as the slave piston return springs are under pressure! Remove the original slave pistons and discard.
3. Using clean engine oil, install sealing ring slave pistons into the housing.
4. Reinstall the bridge retainers and springs.
5. **Apply service removable Loctite 242 to the slave piston shoulder bolts.** Torque shoulder bolts to 100 lbs. in. and ensure the bolt is installed to machine surface. If a gap exists between the housings machined surface and the bolt's shoulder, insert a tap to clean the threads, reapply loctite and torque to 100 lbs. in.
6. Install on engine as per manufacturer's specifications.

# Installation PROCEDURES

