merCruiser STERNDRIVES & INBOARDS

service bulletin

TO: SERVICE MANAGER ☐ TECHNICIANS ☐
PARTS MANAGER ☐

No. 98-3

Regulator Piston for Velvet Drive Transmissions

Models

All Models Of 5000A and 5000V Transmissions Within The Following Serial Numbers:

5000A 1.5:1 S/N: 3895-4064
5000V 1.5:1 S/N: 1375-1962

5000A 2.0:1 S/N: 5534-6044
5000V 2.0:1 S/N: 1430-1809

5000A 2.5:1 S/N: 4955-5044
5000V 2.5:1 S/N: 1438-1829

5000A 2.8:1 S/N: 4301-4500

Situation

The above listed transmissions could have excessive noise (squealing) during operation due to the regulator piston. If the transmission is within the serial ranges listed above, the regulator piston should be replaced. The regulator piston can be replaced as follows:

1. Remove the six bolts on the side cover of the pump housing.
2. Remove and discard old gasket.
3. Remove the two springs and the old piston.
4. Install 2 o-rings on new piston. Then put a thin layer of petroleum lube on o-rings. Do not install piston into transmission with dry o-rings.
5. Install piston back into pump housing with springs and new cover plate gasket.
6. Torque bolts on cover plate to 4-5 lb.ft.,(5-7N·m).

These kits are **not** in Quicksilver but can be ordered through MerCruiser Technical Assistance Phone: (405) 743-6555 or Fax: (405) 743-6570 or through a Velvet Drive Distributor, refer to Service Bulletin 95-23 for Velvet Drive Distributor locations.

Warranty

Fill out warranty claim and send it to your normal warranty-processing center. More than one engine can be put on the warranty claim if you list the part number, engine model, serial number, warranty code and labor hours for each engine on separate lines on warranty claim.

Warranty Code and Labor:

Diagnosis & Installation: MK18 0.5 Hours.

Old Piston Only: Return them along with warranty claim.

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