merCruiser
STERN DRIVES & INBOARDS

service bulletin

TO: SERVICE MANAGER ☐ TECHNICIANS ☐
PARTS MANAGER ☐

No. 88-4

Loose Hinge Pins – Bravo One Transom Assembly S/N OB945549 and Below

The possibility exists, particularly on occasions of heavy-duty use, that the hinge pins on this model may loosen up after use. The best indication of loosening hinge pins is erratic operation or lack of operation of the trim indicator or the trim limit system. One or both of the hinge pins will interfere with the operation of the trim indicator and/or trim limit switch. If a loose hinge pin is found, remove, clean, re-Loctite, replace and retorque **both** hinge pins using the following procedure:

Repair

1. Remove Trim Limit switch and Trim Position (or Dummy) sender from gimbal ring.
2. Remove starboard hinge pin only and clean its threads with a wire brush.
3. Clean threads in bell housing using 5/8” - 18 UNF tap.
4. Prime both threads with Loctite Primer T.
5. Apply a bead of Loctite 35 onto bell housing threads. Do not apply Loctite to hinge pin threads.

IMPORTANT: Do not allow Loctite 35 to drop onto gimbal ring bearing surfaces.

6. Apply a small amount of grease to the hinge pin bearing surface, then hand tighten hinge pin into bell housing.
7. Repeat steps 2 thru 6 for port hinge pin.
8. Torque both hinge pins to 95 lb. ft. (129 N.m).
9. Reinstall and readjust Trim Limit switch and Trim Position sender.
10. If within warranty period, fill out warranty claim completely, adding 1.0 hour for labor, then send warranty claim to your Regional Service Center.
11. Wait 72 hours for full Loctite cure before using boat.

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