MERCURY MARINER

service bulletin

☐ WARRANTY INFORMATION ☑ SERVICE INFORMATION
☐ PARTS INFORMATION

Bulletin No. 2002-21

Circulate to: ☐ Sales Manager ☐ Accounting ☑ Service Manager ☑ Technician ☐ Parts Manager

Powerhead & Adaptor Plate Bolt Torque - 25 thru 60 Four Stroke

Models Affected

MERCURY/MARINER

USA Production
- 25 Four Stroke
  1998 to Present
  S/N 0G590000 and above
- 30/40 Four Stroke
  1999 to Present
  S/N 0G760300 and above
- 40/50/60 Four Stroke
  2001 to Present
  S/N 0T178500 and above

Belgium Production
- 25, 30/40, & 40/50/60 Four Stroke
  2001 to Present
  S/N 0P094500 and above

Situation

The 25, 30/40 and 40/50/60 four stroke service manuals have an incorrect torque listed in various locations for the eight 8 mm X 110 mm powerhead bolts and the five 8 mm X 45 mm rear adaptor plate bolts. The incorrect torque listings in the manuals are both above and below the proper torque specification. We have received reports of powerhead bolts breaking when tightened and we are also concerned that the bolts may not be tightened as designed. Cut out correction stickers are supplied to update the service manuals until the next service manual revision occurs.

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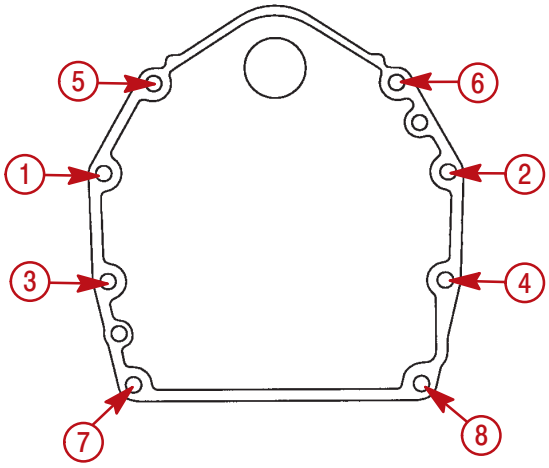
Correction

The correct torque for the eight 8 mm x 110 mm powerhead bolts and the five 8 mm x 45 mm adaptor plate bolts is the same. The bolt must be dry, also.

Torque 28 lb-ft (38 Nm)
With A Dry Bolt

The correct torque sequence is also very important for product durability. It begins in the center and finishes at the outside ends.



Cut out and apply the correction stickers that are included with this bulletin on the appropriate service manual pages.

25 HP	90-854785R2	Page 4B-40	Torque Listing
30/40 Carburetor	90-857046R1	Page 4B-36 Page 5A-7	Torque Listing Torque Table
30/40 EFI	90-883064	Page 4B-36 Page 5A-7	Torque Listing Torque Table
40/50/60 Carburetor	90-858896	Page 4B-38 Page 4B-36 Page 5A-11	Torque Listing Torque Sequence Torque Table
40/50/60 EFI	90-883065	Page 4B-36 Page 4B-36 Page 5A-11	Torque Listing Torque Sequence Torque Table

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