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Engine Coupler Fastener Change

Models Affected

Driveline and close couple type engine couplers with Bravo drive units using non-shouldered, standard thread fasteners to mount the coupler to the flywheel.

Situation

Possible misalignment of the engine coupler to the flywheel could occur due to the clearance between the diameter of the coupler mounting holes and the diameter of the fasteners. Mercury Racing engine couplers were being assembled with non-shouldered, standard thread fasteners, part number 10-35091. During the assembly process at the factory, three special tapered fasteners were installed first, to align and center the coupler to the flywheel. Then the non-shouldered fasteners (10-35091) were installed into the other mounting hole locations. The tapered fasteners were then removed and the remaining non-shouldered fasteners were installed.

Since this alignment process may not have been used during installations in the field, misalignment could have occurred between the coupler and the flywheel.

MerCruiser products use shouldered standard thread or shouldered metric thread fasteners depending on the application. Only Mercury Racing products used the non-shouldered standard thread fasteners which are affected.

Correction

Mercury Racing will be making a running change to the new fastener used on other MerCruiser products, part number 10-863480. The new fastener incorporates a shoulder which will ensure alignment of the coupler mounting holes to the flywheel. Fastener 10-863480 has now been included in the coupler assembly parts list.

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