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The New M6 Drive

Models Affected

Models Covered	Serial Number
Initial M6 Drive	0M975662–0M976199
M6 Drive with stainless steel propeller shaft	0M976200 and above
M6 Drive with active and passive anodes	TBD: Identified by presence of active and passive anodes

Scope

Worldwide

Situation

Introducing the new M6 Drive

Explanation

Mercury Racing changed the name of the NXT6 drive to M6. The initial change is limited to the new decals on the drive. Use the same service procedures as described in the NXT6 drive service manual.

Two additional changes will follow at a later date: The propeller shaft will change to a new stainless steel design for better corrosion resistance. Externally there is limited difference in appearance between the two propeller shaft designs, but internally there are some machining changes. The original propeller shaft design used a spacer that was located behind the bearing of the rear driven gear on the propeller shaft. The new propeller shaft is machined with a shoulder that eliminates the need for the spacer. The M6 service manual only refers to the new stainless steel propeller shaft design even though there will be a small volume of drives made with the old propeller shaft and the M6 name.

For service replacement parts the old steel propeller shaft will supersede to the new stainless steel propeller shaft and the M6 service manual should be followed versus the NXT6 service manual when replacing the propeller shaft in an NXT6 or early M6 drive.

An active anode will be added under the cavitation plate (placing it directly over the stainless steel propeller) and a sacrificial anode will be added to the side of the cavitation plate. The active anode will connect to the MerCathode connection of the M-Series transoms which has a weather cap on it when used with an NXT6 drive. The additional anodes will provide better corrosion resistance. Unlike the propeller shaft change, the anode changes will be a visual difference on the drive and will come with a change to the drive model number. All M6 drives with the new active anode will have the stainless steel propeller shaft and are serviced using the M6 service manual.

Description	Part Number
NXT6 service manual	8M0106890
M6 service manual	8M0117142

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