

Installation Issues With MCM D7.3L D-Tronics

Models

MCM D7.3L D-Tronics

Situation

1. All MCM D7.3L D-Tronic engines, require the removal of the exhaust bellows (**P/N 18654A 1**) from the gimbal/bell housing and the installation of the exhaust tube (**P/N 78458A 1**), which is supplied with the sterndrive unit.
2. The D7.3L D-Tronics uses a **thru-hull** pick up for water supply to the engine, **not** the water supply from the sterndrive unit. If not using the thru-hull fitting and seacock supplied with the engine, it is important that the thru-hull fitting chosen be capable of flowing 40 gallons of water per minute (150 liters per minute). Also, the seacock being installed must have an internal cross-sectional area equal to or greater than the seawater inlet hose to prevent restriction of water flow to the engine. Minimum inside diameter size requirements are 1-1/2 in. (38 mm). The seawater pick up hose should be wire reinforced from the seacock to the sea water pump mounted on the engine with a minimum inside diameter of 1-1/2 in. (38 mm). The seawater strainer must also be capable of flowing 40 gallons per minute (150 liters per minute) to ensure proper water flow to the engine.
3. The sterndrive water supply is **not** used to cool the 7.3 D-tronic's engine. A block off plate (**P/N 818304A 1**) for the transom assembly is provided with the engine package. When this block off plate is installed, the supply water hose between the bell housing and the gimbal housing must be cut to ensure that water flow will continue through the drive unit. Caution must be taken when cutting this water supply hose as the trim limit wires and speedometer hose are attached. Follow the instructions provided with the product.
4. The D7.3L D-Tronics also uses an Exhaust Water Bypass System (**EWB**). The purpose of this system is to calibrate the exhaust back pressure and provide additional cooling water to the top of the Bravo Drive assembly. This system must be installed in either of two locations shown on the template provided with each engine package. The EWB System must be grounded to the transom assembly. Follow the instructions provided in the installation manual.