Service Bulletin

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Jetdrive Replacement Engine Installation Requirements

Models Affected

Model	Serial Number Range
1.7L MJ	All
2.8L EJ	All
4.2L MJ	All
4.2L EJ	All

Situation

Cummins MerCruiser Diesel released a new family of jetdrive packages for the 1.7L, 2.8L, and 4.2L engines. The engines in the affected packages have undergone several modifications in order be coupled with a jetdrive. When a complete engine replacement is required, the replacement engine will require these same critical modifications to ensure correct engine operation.

Correction

All engine and jetdrive modifications required before installation are specified in Sections 6 and 8 of the jetdrive package installation manual provided with the power package.

FOR 1.7L ENGINES AND JETDRIVE UNITS:

1. Remove and discard the gear lube bottle.
2. Remove and discard the shift plate.
3. Remove and replace the coupler on the engine with the one provided in the engine package.
4. Adjust the engine idle speed.
5. Install the water pump kit.
6. Use a through-hull or through-transom seawater pickup. The pickup provided on the jet does not provide sufficient cooling water flow for the engine.
7. Install the jetdrive reverse bucket hydraulic hose.

FOR 2.8L AND 4.2L ENGINES AND JETDRIVE UNITS:

1. Remove and discard the gear lube bottle.
2. Remove and discard the shift plate.
3. Remove and replace the coupler on the engine with the one provided in the engine package.

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4. Replace the jetdrive pressure and return hydraulic hoses for the reverse bucket.
5. Use a through-hull or through-transom seawater pickup. The pickup provided on the jet does not provide sufficient cooling water flow for the engine.

Part Required

All required parts are included with the engine package and installation procedures are described in the manual.

Warranty

No impact on warranty.

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