



Service Bulletin

Bulletin No. 2005-74
CMD 2005-14

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

4.2L Engine Family Unification

Models Affected

Model	Serial Number Range
4.2L 200 MS / MI	88020200 – 88030000
4.2L 230 MS / MI	88030400 – 88040000
4.2L 250 ES / EI	88040600 – 88050000
4.2L 270 ES / EI	88060001 – 88070000
4.2L 320 ES / EI	88070001 – 88080000

Situation

In an effort to make the major components of the 4.2L engine family common, CMD has released engine ratings based on the 4.2L 300 hp engine. The released ratings are as follows: 200, 230, 250, 270, and 320 hp. The cylinder block, head, aftercooler and turbocharger will be common on these 4.2L engines. The long block will have different part numbers for mechanical and electronic engine configurations.

Please refer to the Quicksilver Parts Manual 90-898181 for detailed 4.2L parts information. This parts manual will be listed in the next Electronic Parts Catalog due in October 2005.

4.2L MECHANICAL ENGINE CHANGES

The current mechanical engines are being upgraded with new pistons, cylinder block, cylinder head, turbocharger and aftercooler to make these major components common with the 300 hp 4.2L engine. The most significant difference between the 200 hp and 230 hp rating is the fuel pump calibration.

4.2L ELECTRONIC ENGINE CHANGES

The existing rating of 250 hp will be included in this change, in addition to two newly released ratings of 270 hp and 320 hp. All of these ratings are based on the 300 hp engine, which is replaced by the 320 hp engine. All electronic engines will have common pistons, cylinder block, cylinder head, turbocharger and aftercooler. The only difference will be the Electronic Control Module (ECM) part number.

IMPORTANT: Electronic components, including the ECM, may be specific to the engine model and horsepower. Refer to the appropriate Quicksilver Parts Manual for the correct part numbers. Install only the specified electronic components, such as when installing the ECM, to avoid affecting your warranty coverage.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.