

New Piston

Technical Service Bulletin Number

TSB100429

Revision Level

-

Date

18-JAN-2006

Group Number

Cylinder Block - Group
01



Subject

New Piston

Original Topic Number: 06t1-13.

Contents

This Technical Service Bulletin announces a newly designed piston to improve load distribution at the pin joint on ISL CM850, QSL9 CM850, and QSL9 CM554 engines.

The changes were made to reduce the likelihood of piston pin seizure and/or rod bushing extrusion. The new piston is backwards-compatible. Therefore, it is **not** necessary to change all six (6) pistons for one (1) failed piston. It is necessary to verify that debris from the failure has **not** damaged other pistons.

The new piston part numbers and ESN first are listed in the tables below:

Engine Family	Old Piston Part Number	New Piston Part Number	ESN First
CM850 ISL Automotive	3966722	4928927	46561109
CM850 QSL Industrial	3974404	4928928	46562847
CM850 QSL Marine/ CM554 QSL Industrial	3950395	4930435	46559832
CM850 ISL ^e	3950395	4930435	46559832

Engine Family	Old Piston Kit Number	New Piston Kit Number
CM850 ISL Automotive	4089646	4955296
CM850 QSL Industrial	4089963	4955297
CM850 QSL Marine/ CM554 QSL Industrial	4089613	4955298
CM850 ISL ^e	4089944	4655299

NOTE: This is a product improvement and is **not** subject to campaign.

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Last Modified: 18-JAN-2006

[Copyright](#) © 2000-2010 Cummins Inc. All rights reserved.