



Technical Service Bulletin

Technical Service Bulletin: TSB110049**Released Date:** 18-Feb-2011**C8.3 Cylinder Head**

C8.3 Cylinder Head

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.

Contents

This document was originally released between 1994 and 2001. It has been added to QSOL for informational purposes

This document announces the release of an improved C8.3 cylinder head for production and service.

The improvement made to the cylinder head was designed to help reduce cosmetic cracks at the capscrew mounting bosses on the cylinder head (exhaust side of the engine). The capscrew boss on the updated cylinder head, Part No. 3931925, has been filled for a more robust product. The old cylinder head, Part No. 3802631, has been obsoleted and superseded by Part No. 3931925. Reference the Option Matrix on page 2 for the correct part number.

The new design for the C Series valve stem seals will be used for both intake and exhaust on all except naturally aspirated C Series engines. This seal can be identified by green paint at the top of the seal. This update will create duplicate options that need to be obsoleted. Following is a chart indicating the options that are being obsoleted and the corresponding new option numbers that need to be ordered. The valve stem seals, Part No. 3913038 and Part No. 3915707, have been obsoleted and superseded by a new valve stem seal, Part No. 3927642.

The engine serial number (ESN) first for the new options began in production with number 45912386.

Cylinder Heads	
Old Service Part No.	New Service Part No.
3802259	3802465
3802260	3802466
3802261	3802467

Cylinder Heads	
Old Service Part No.	New Service Part No.
3802262	3802468
3802432	3802469
3802434	3802470
N/A	3802899
N/A	3921429
Cylinder Heads	
Old Service Part No.	New Service Part No.
N/A	3921430
N/A	3921433
N/A	3936280
3925643	3936281
3800375	3936291
3928669	3936293
3925646	3937227
3925647	3937228

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

Option Matrix							
Option Number	Aspiration	Jake Brake	Duty Cycle	Old Part No. - Product ion and Service	New Part No. - Product ion and Service	New Casting	New Valve Seals
PP9721 5	Turbocharged	No	Recreational Vehicle/ Fire Truck	3928179	3936178	Yes	Yes
PP9721 6	Turbocharged	No	Recreational Vehicle/ Fire Truck	3928179	3936178	Yes	Yes

Option Matrix							
Option Number	Aspiration	Jake Brake	Duty Cycle	Old Part No. - Production and Service	New Part No. - Production and Service	New Casting	New Valve Seals
PP9728 2	Turbocharged	Yes	Recreational Vehicle/ Fire Truck	3928179	3936178	Yes	Yes
PP9728 3	Turbocharged	Yes	Recreational Vehicle/ Fire Truck	3928179	3936178	Yes	Yes
PP 9865	Natural	No	Standard	3920025	3936179	Yes	No
PP 9866	Natural	No	Standard	3920025	3936179	Yes	No
PP 9867	Natural	Yes	Standard	3920025	3936179	Yes	No
PP 9868	Natural	Yes	Standard	3920025	3936179	Yes	No
PP 9830	Turbocharged	No	Standard	3920030	3936180	Yes	Yes
PP 9832	Turbocharged	Yes	Standard	3920030	3936180	Yes	Yes
PP 9833	Turbocharged	Yes	Standard	3920030	3936180	Yes	Yes
PP9707 4	Turbocharged	No	Standard	3920030	3936180	Yes	Yes
PP9707 5	Turbocharged	No	Standard	3920030	3936180	Yes	Yes

Option Matrix							
Option Number	Aspiration	Jake Brake	Duty Cycle	Old Part No. - Production and Service	New Part No. - Production and Service	New Casting	New Valve Seals
PP 9996	Turbocharged	No	Recreational Vehicle/ Fire Truck	3922587	3936269	Yes	Yes
PP97176	Turbocharged	No	Standard	3944590	3945023	Yes	Yes
PP97464	Turbocharged	Yes	Recreational Vehicle/ Fire Truck	3944590	3945023	Yes	Yes

Document History

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