
Document ID: 2178419

#PIP4132C: 2009 Corvette LS7 and LS9 Engine Replacement Information - block coolant engine exchange head knock leak lifter noise oil piston push pqc - (Aug 8, 2008)

Subject: 2009 Corvette LS7 and LS9 Engine Replacement Information

Models: 2009 Chevrolet Corvette
with a 6.2L (RPO LS9) or 7.0L (RPO LS7) Engine
in the United States of America



This PI was superseded to remove 2007-2008 Corvette Z06. Please discard PIP4132C.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern:

This is to announce a temporary program for 2009 Z06 and ZR1 Corvettes in the U.S.A. with major engine failures. In an effort to gain product knowledge quicker, Chevrolet would like to provide the opportunity for the customer to allow their Z06 or ZR1 Corvette to be picked up by special carrier and returned to the Bowling Green Assembly Plant to have the engine exchanged.

If the customer agrees, General Motors will arrange to have a complete engine sent directly to the assembly plant. A specialized repair crew will exchange the engine, complete a diagnostic review, ensure all of the codes are cleared, and run the vehicle through the final assembly check. Once completed, the vehicle will be returned to the dealership on the first available carrier. Bowling Green Assembly anticipates the entire process should be completed in approximately 10 working days.

Recommendation/Instructions:

If engine replacement is necessary, please review the opportunity above with the customer to see whether they would like to have your dealership replace their engine, or at Bowling Green Assembly Plant.

If a Z06 customer would prefer to have your dealership replace their Z06 engine, follow the latest version of 02-07-30-029 and contact PQC before ordering the replacement engine from your parts department. If a ZR1 customer would prefer to have your dealership replace their ZR1 engine, follow the latest version of 08-06-01-014 and contact PQC the PQC and they will order the replacement engine for you as necessary.

If a Z06 or ZR1 customer would prefer to have Bowling Green Assembly Plant replace their Z06 or ZR1 engine, follow the steps below:

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- 1) The technician should follow the proper oil level inspection procedure and record the amount of oil that is in the engine. If the engine is not able to be started and properly warmed the technician should not add or drain any oil. If the oil level was changed, the technician should accurately record the amount of oil that was in the engine and the amount of oil that was added.
- 2) Contact the PQC (**866-654-7654**) and advise them that the customer would like to have Bowling Green Assembly Plant replace their engine as described in this PI.
- 3) In order to participate in this program, the owner must agree to have the engine replaced at Bowling Green Assembly.
- 4) A check sheet and authorization will be FAXED to the dealership to be reviewed and signed by the customer and the authorized dealership personnel.
- 5) The dealership's authorized personal and Corvette owner must remove all personal articles from the vehicle before shipment. This includes, but is not limited to, licenses plates, all CD/DVDs, navigation DVDs, sun glasses, and garage/gate openers.
- 6) The dealership must remove the front lower fascia air dam.
- 7) A transport carrier will be dispatched to pick up the vehicle at the dealership. In most cases, this will occur within 5 days. The transport will require assistance in loading the vehicle. In most cases, it will be required to push the vehicle on to the carrier.
- 8) The engine will be replaced with a new engine.
- 9) The engine unit number can not be transferred from the old engine to the new engine. A new engine unit number will be stamped on the new engine and a letter will be included from Bowling Green Assembly that includes the old and new engine unit numbers and documents that they exchanged the engine.
- 10) Once the repair is complete, the vehicle will be tested, audited, and shipped back to the dealership on the next available carrier.
- 11) The Corvette owner and dealership's authorized personnel will inspect the car, sign the completed form, and FAX a copy of receipt to the FAX number on the form.
- 12) The dealership will submit a claim for \$1,000 to cover time and expense for diagnosis, inspection, and parts mark up. Submit under labor operation J1899 with \$1,000 in new items.
- 13) Towing, rental car expense, or associated charges should be added to labor operation J1899 as well.

Should you have any questions, please contact Art Spong, Brand Quality Manager for Corvette at **586-947-8890**

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit

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