

Service

BULLETIN #136

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MODELS AFFECTED

**P-50, P-61, P-63, P-63A DETROIT® SERIES
50 AND SERIES 60 ENGINE BRAKES.**

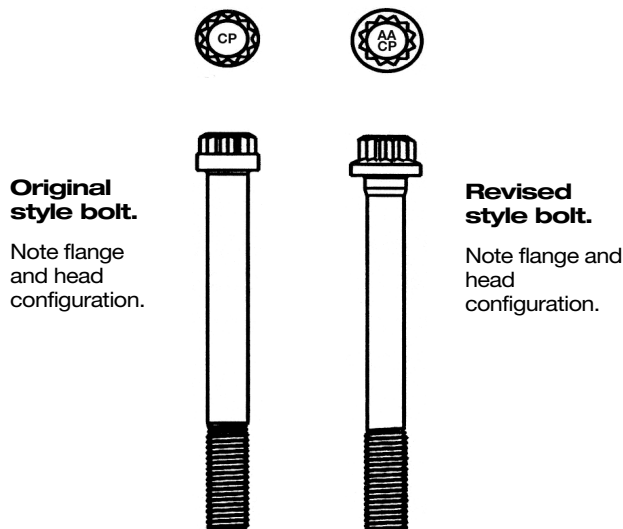
SUBJECT

**INTRODUCTION OF NEW HOUSING HOLD
DOWN BOLTS AND APPROPRIATE TORQUE
VALUES.**

Pacbrake has redesigned the P60021 housing hold down bolt. The changes to the bolt afford better housing alignment and increased bolt torque. These new bolts can be used on all old and new model applications. The noticeable changes to the bolt are the flange below the head, the added shoulder below the flange and the identification markings on the top of the head. The diagrams below distinguish these differences clearly.

The new bolt torque values have been increased to 100 lbs.ft. (136 N•m). The old style bolt torque values remain at 80 lbs.ft. (110 N•m). Special attention must be paid when servicing the above application to ensure the correct torque is applied to these bolts. **DO NOT MIX BOLT TYPES ON INDIVIDUAL HEADS.** If bolts are mixed the lower torque value must be used.

The part number P60021 will be used for both the old and new style bolts. All new orders will be filled with the redesigned bolt. Field inventory of the old style bolt should be exhausted prior to using the new design.



Pacbrake does not recommend mixing bolt types when servicing the engine brakes.

Product improvement and not subject to campaign. Supersedes Service Bulletin #117 dated October 24, 1991.

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PACBRAKE[®]
ENGINE & EXHAUST BRAKES