

PARTS & SERVICE NEWS

REF NO.	AA97205
DATE	Dec. 3, 1997

SUBJECT: Fuel Transfer Pump Spacer Installation

PURPOSE: To clarify information in the 102 Series Engine Shop Manual

APPLICATION: 102 Series Engine (See Parts & Service News AA97079 for chassis applications)

DESCRIPTION:

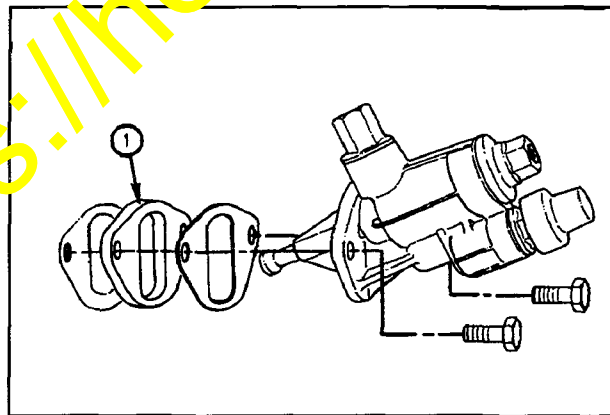
Introduction:

This **PARTS & SERVICE NEWS** clarifies information in Shop Manual SEBM010002. A 5 mm spacer, P/N 6732-71-6520, needs to be installed between the fuel transfer pump and engine block on 102 Series engines as shown below. Failure to install the proper spacer will result in camshaft failure.

102 Series Fuel Transfer Pump Installation



Alternately tighten the mounting capscrews. As the capscrews are tightened, the fuel transfer pump plunger is pushed into the pump. Failure to tighten the capscrews in an even manner can result in the plunger being bent or broken, causing sticking and failure.



Install the pump as shown. The 5 mm spacer (1), P/N 6732-71-6520, **must** be installed along with a gasket, P/N 6735-61-6410, on each side of the spacer.

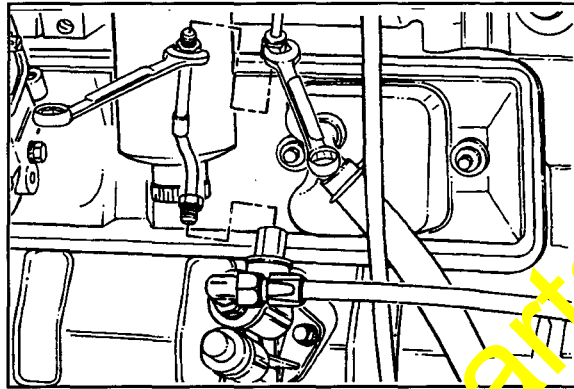
NOTE: For some applications, a bracket used for supporting other options will replace the 5 mm spacer.

Torque Value: 24 N•m (18 ft-lb)

Install the fuel line to the fuel transfer pump and fuel filter head. Use two wrenches to tighten the connection to the pump to minimize twisting and bending of the fuel line.

Torque Value: 24 N•m (18 ft-lb)

Refer to 102 Series Shop Manual SEBM010002 for venting the low pressure fuel line.



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