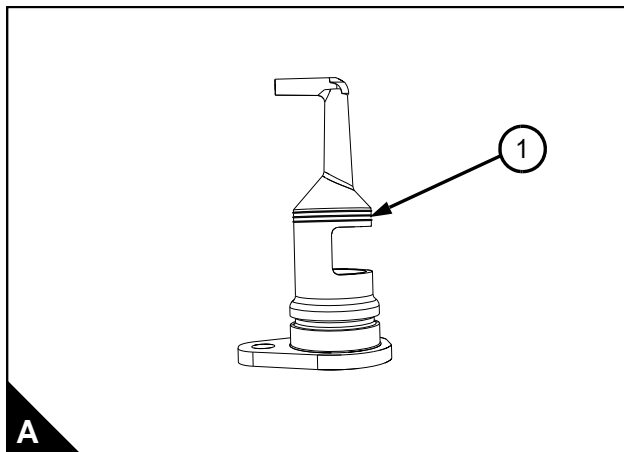


4000 Series Piston Cooling Jet

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This engine news article applies to all 4006 and 4008 diesel and gas engines.



The three plastic ribs (A1) that are located at the end of the composite piston cooling jet (Perkins part number SE121A/50) work as a seal to prevent oil returning to the engine oil pan. The three plastic ribs can be damaged when the piston cooling jet is removed.

Caution: *If the composite piston cooling jet is re-installed with damaged ribs, the piston may not receive the correct amount of lubrication and cooling, which can lead to damage to the engine.*

When the existing piston cooling jet is removed from the engine using the correct procedure in the Service Manual, discard the piston cooling jet.

Ensure that a new composite piston cooling jet is installed to the engine using the correct procedure in the Service Manual.