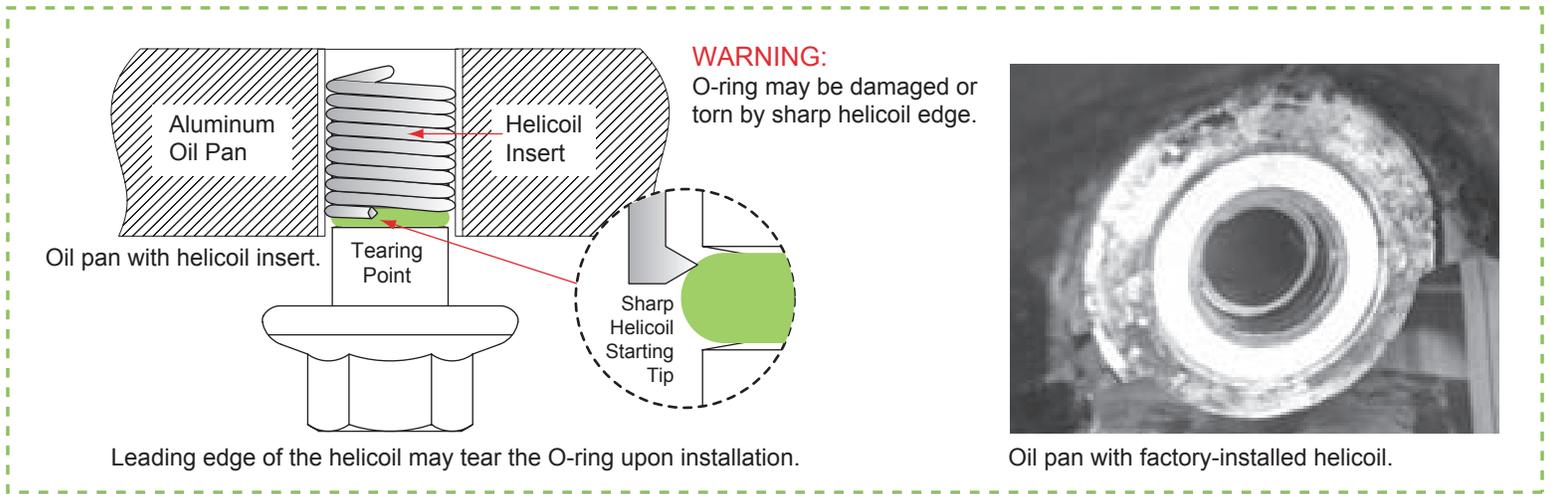


23-July-2011

## O-ring tear when installing SMART-O in oil pans with heli-coil inserts

The affected vehicles will have an aluminum oil pan with a helicoil installed from the factory.



## Installing 'F1' plug in oil pans that use a helicoil insert may tear O-ring

- Affected vehicles: Chevrolet, GMC, and Cadillac Trucks and SUV's
- Affected years: 2000 - 2007
- Affected engines: 4.8L, 5.1L, 5.3L, and 6.0L V8 engines
- VIN codes: U, V, and T

SMART-O Part # F-1

Not all vehicles will have this issue, it is therefore important to inspect each vehicle within the above years, makes, and VIN ranges first.

Note: With or without the O-ring a SMART-O plug will still perform like a regular OEM drain plug if installed and torqued to manufacturers specification.

## RECOMMENDATIONS

1. Carefully check the drain plug port of the oil pan and inspect if it has a helicoil insert. Initial testing is completed but will be part of a continuous process.
2. DO NOT INSTALL AN F-1 SMART-O PLUG, IF A HELICOIL IS PRESENT
3. Instead, inspect the OEM washer, then reinstall the OEM plug and torque to manufacturers' specifications

## OR:

Install 'H1' SMART-O plug - an alternative for helicoil-insert oil pans.

The H1 plug is soon to be released. Testing is completed but will be part of a continuous process. It has been verified that the H1 plug can be installed repeatedly without damage to the O-ring, although heli-coil thread conditions may vary.

Please stay tuned to our website and check for further tech news releases.



Please call the distributor for direct technical support:

[www.smart-o.info](http://www.smart-o.info)



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