



Preliminary Information

PIP5737A Diagnostic Tip: Inspect Engine Oil Dipstick Tube O-ring And Areas Above Lower Oil Pan Sealing Surface For Potential Engine oil Leaks

Proactive

Models

| Brand: | Model: | Model Years: | VIN: | | Engine: | Transmissions: |
|-----------|----------------------------|--------------|------|-----|---------|----------------|
| | | | from | to | | |
| Cadillac | CT4-V | 2020 | All | All | 2.7 L3B | All |
| Chevrolet | Silverado 1500 (New Model) | 2019 | All | All | 2.7 L3B | All |
| Chevrolet | Silverado 1500 | 2020 | All | All | 2.7 L3B | All |
| GMC | Sierra 1500 (New Model) | 2019 | All | All | 2.7 L3B | All |
| GMC | Sierra 1500 | 2020 | All | All | 2.7 L3B | All |

| | |
|------------------------------------|---|
| Involved Region or Country: | North America |
| Condition: | Engine Oil Leaks |
| Cause: | Possible Dipstick Tube O-ring Leaking Engine Oil |

Correction:

When diagnosing engine oil leaks on the above listed vehicles it's important to inspect the dipstick tube O-ring and areas above the composite oil pan sealing surface for potential oil leaks before condemning the lower composite oil pan as root cause of engine oil leak.

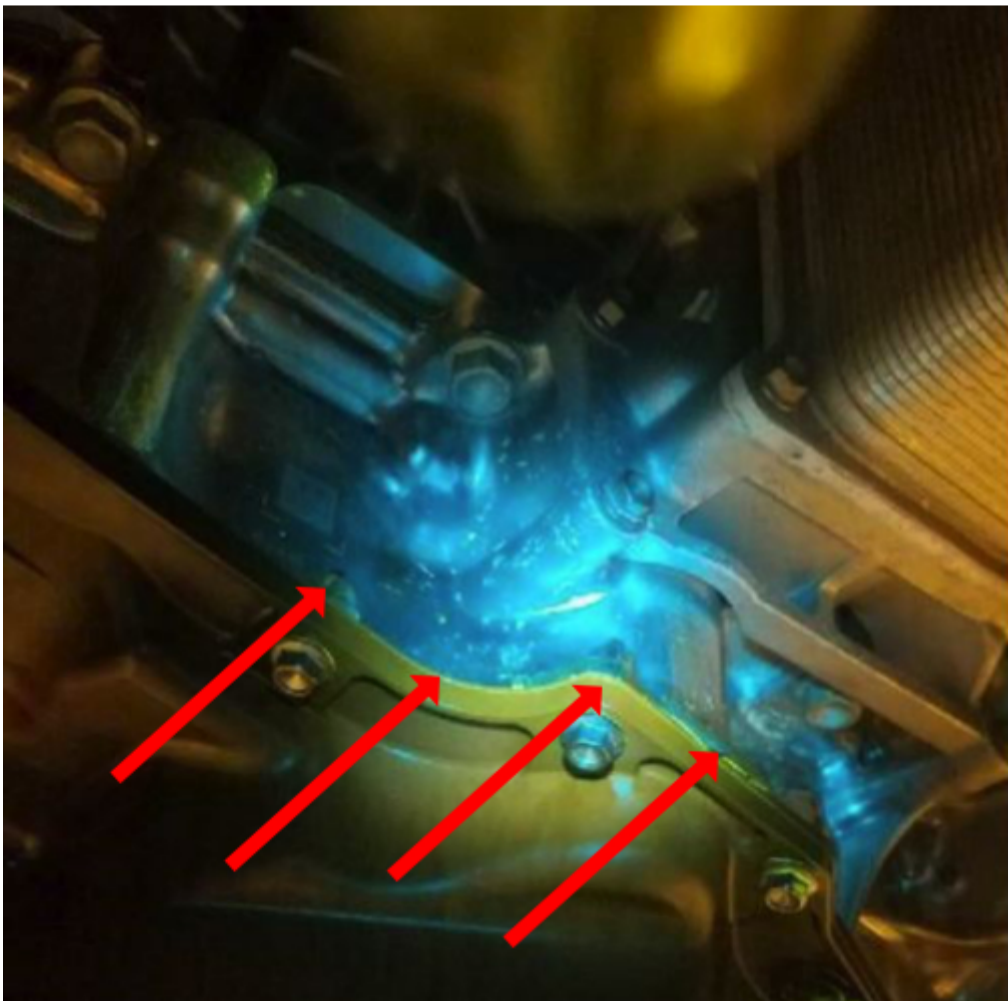
Picture below shows oil leak from dipstick tube O-ring (looking through inspection mirror)

Note: If there is signs of engine oil spray on the left side of the engine or the oil leak only occurs after a road test on the left side of the engine.

There may be no oil residue around the dipstick tube O-ring area, but remove the dipstick tube and inspect the dipstick tube O-ring for damage and replace as needed.



Picture below shows oil leak from composite oil pan sealing surface (shown with black light and tracer dye)



Note: The use of engine oil dye and trace powders are recommended to assist with isolating engine oil leak points. Be sure to clean suspected leak areas thoroughly before using trace powders.

Version History

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|----------|--|
| Version | 2 |
| Modified | 06/11/2020 - Created on. 09/14/2020- Updated to include additional note for dipstick tube O-ring leak |



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