



# Service Bulletin

Bulletin No.: 23-NA-048

Date: October, 2024

## TECHNICAL

**Subject: Oil Leak from Center of Vehicle**

| Brand:    | Model:   | Model Year: |      | VIN: |    | Engine: | Transmission: |
|-----------|--|-------------|------|------|----|---------|---------------|
|           |  | from        | to   | from | to |         |               |
| Chevrolet | Colorado   | 2023        | 2024 |      |    | L3B     |               |
|           | Silverado 1500 - LTD (RPO J21, VIN Digit 5 = W/Y)  | 2022        | 2022 |      |    |         |               |
|           | Silverado 1500 - New (RPO J22, VIN Digit 5 = A/D)  |             |      |      |    |         |               |
|           | Silverado 1500                                     | 2023        | 2024 |      |    |         |               |
| GMC       | Canyon   | 2023        | 2024 |      |    |         |               |
|           | Sierra 1500 - Limited (RPO J21, VIN Digit 5 = 8/9) | 2022        | 2022 |      |    |         |               |
|           | Sierra 1500 - New (RPO J22, VIN Digit 5 = H/U)     |             |      |      |    |         |               |
|           | Sierra 1500  | 2023        | 2024 |      |    |         |               |

|                                   |  |
|-----------------------------------|--|
| <b>Involved Region or Country</b> | North America  |
| <b>Condition</b>                  | Some customers may comment that an oil leak can be seen coming from the center of vehicle<br>Some technicians may find oil leaking from the bell-housing area. |
| <b>Cause</b>                      | This condition may be caused by oil leaking past the rear crankshaft oil seal.   |
| <b>Correction</b>                 | If the oil leak has been verified to be coming from the rear crankshaft seal, replace the rear crankshaft oil seal and housing.                                |

**Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.**

## Service Procedure



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**Important:** To reduce rolling of the crankshaft seal. It is recommended to utilize the J-8608 and J-8092, to fully seat the seal onto the crankshaft before tightening the bolts to the housing. Only using hand pressure, press the seal protector/installer on the end of the crankshaft.

Refer to *Crankshaft Rear Oil Seal and Housing Replacement in SI*.

## Parts Information

**Note:** Only use the parts the coincides with the repair performed.

| Causal Part | Description                 | Part Number | Qty |
|-------------|-----------------------------|-------------|-----|
| X           | HOUSING, CR/SHF RR OIL SEAL | 12737074    | 1   |
| N/A         | BOLT, A/TRNS FLEX PLT       | 11548684    | 8   |
| N/A         | GASKET, EXH SYS FRT         | 84407373    | 1   |
| N/A         | BOLT, RR S/ABS LWR BRKT     | 11561300    | 1   |
| N/A         | GASKET, O/PMP SUC PIPE      | 55487654    | 1   |
| N/A         | GASKET, TRFER CASE ADAP     | 24245110    | 1   |

| Causal Part | Description                     | Part Number  | Qty         |
|-------------|---------------------------------|--------------|-------------|
| N/A         | BOOT, TRFER CASE FRT OUTPUT SHF | 84124171     | 1           |
| N/A         | SEAL, TRNS CLR PIPE             | 85628205     | 1           |
| N/A         | OIL, ENGINE                     | Refer to EPC | As Required |
| N/A         | SEALANT, RTV                    |              | 1           |

**Warranty Information**

For vehicles repaired under warranty, use:

| Labor Operation | Description                                  | Labor Time                              |
|-----------------|--|---|
| 4066250         | Crankshaft Rear Oil Seal Housing Replacement | Use the Published Labor Operations Time |

|                 |   |
|-----------------|---|
| <b>Version</b>  | 6   |
| <b>Modified</b> | <p>Released March 30, 2023</p> <p>Revised May 04, 2023 - Update Labor Operation Number.</p> <p>Revised June 07, 2023 - Update Trans Case Adapter Gasket Part Number.</p> <p>Revised February 22, 2024 - Update Service Procedure section.</p> <p>Revised August 22, 2024 - Updated HOUSING, CR/SHF RR OIL SEAL Part Number in Parts Information section.</p> <p>Revised October 21, 2024 - Added Colorado/Canyon and Added 2024 to Silverado/ Sierra.</p> |

