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# Thermostat Bypass Kit

Transmission Cooler Line Thermostatic Valve Bypass Kit

**1061527**

**2019-2022 RAM Trucks (see fitment guide)**

## Detailed Vehicle Fitment

	2019	2020	2021	2022
<b>Ram 2500 Pickup</b>				
6.4L V8 MID DUTI HEMI MDS	x	x	N/A	N/A
6.4L V8 HEAVY DUTY HEMI MDS	N/A	N/A	x	x
6.7L I6 CUMMINS TURBO DIESEL	✓	✓	✓	✓
<b>Ram 3500 Pickup</b>				
6.4L V8 MID DUTI HEMI MDS	x	x	N/A	N/A
6.4L V8 HEAVY DUTY HEMI MDS	N/A	N/A	x	x
6.7L I6 CUMMINS TURBO DIESEL	✓	✓	✓	✓
6.7L I6 CUMMINS HO TURBO DIESEL	✓	✓	✓	✓
<b>Ram 3500 Cab Chassis</b>				
6.4L V8 HEAVY DUTY HEMI MDS	x	x	x	x
6.7L I6 CUMMINS TURBO DIESEL	✓	✓	✓	✓
<b>Ram 3500 10k Cab Chassis</b>				
6.4L V8 HEAVY DUTY HEMI MDS	x	x	x	x
<b>Ram 4500/5500 Cab Chassis</b>				
6.4L V8 HEAVY DUTY HEMI MDS	x	x	x	x
6.7L I6 CUMMINS TURBO DIESEL	✓	✓	✓	✓

## Kit Contents

1061527 kit content		
1300581	1500402-SS	1453153
		
Bypass Block Qty: 1	Qty: 2	O-ring Qty: 2

## Introduction

The stock cooler bypass valve allows transmission fluid to bypass the cooler and directly return to the transmission to quickly warm up the fluid. The problem is that debris from the transmission can jam the internal valve keeping the valve in the recirculation mode. When this happens the transmission temperature will rise and can lead to overheating and premature transmission failure.

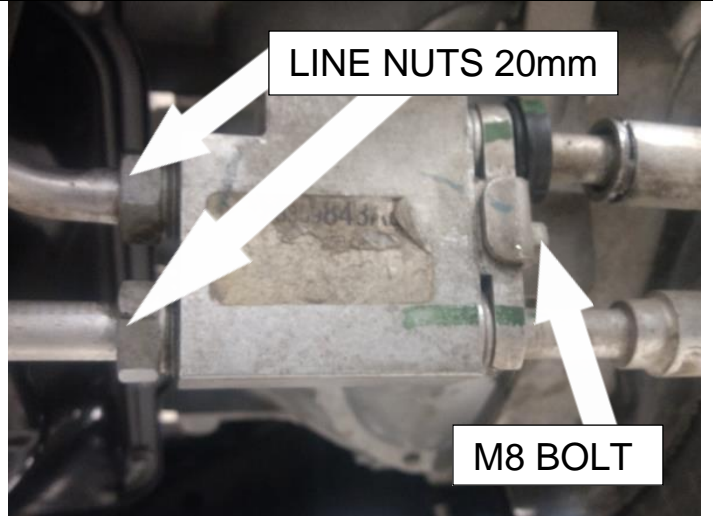
## **Tools Required for Installation**

- 1" open Wrench
- 15/16 or 24mm open wrench
- 20 mm open wrench
- Small flat screw driver or pick tool
- 10 mm open/close wrench

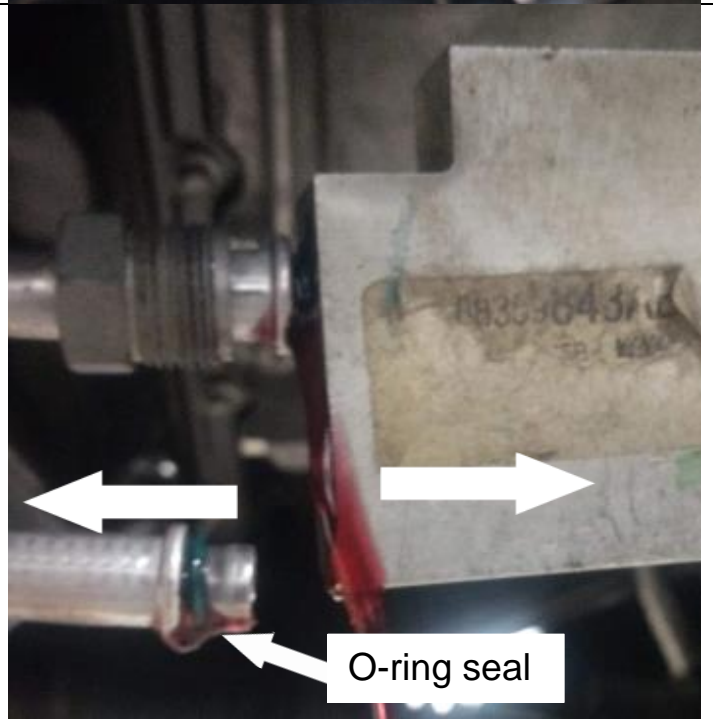
## **Installation 2019-2022**

Undo both transmission cooler line nuts using 20mm and 24mm(15/16) open wrenches and slide them back on the cooler line.

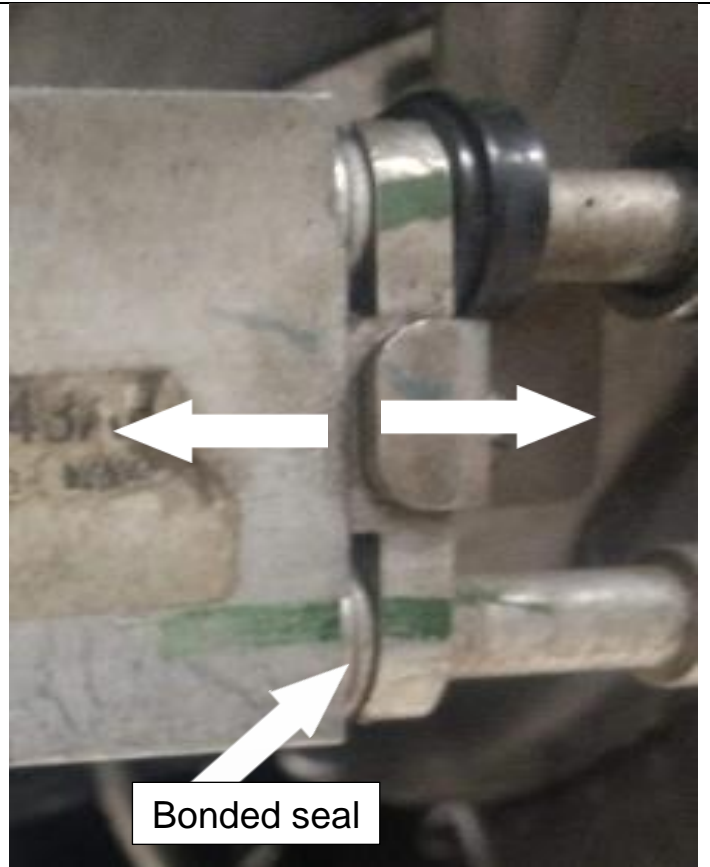
Undo M8 bolt using 10mm wrench



Pull out the cooler lines from cooler bypass block and collect the leaking oil with a drain pan

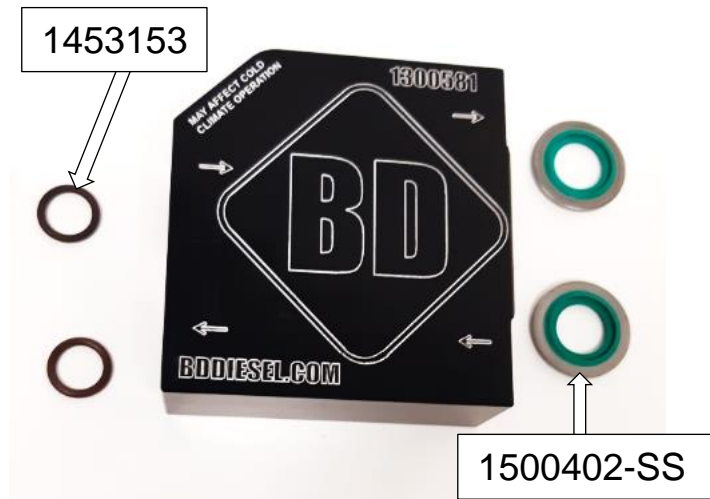


Pull the cooler bypass block off of the bracket to disconnect the lines

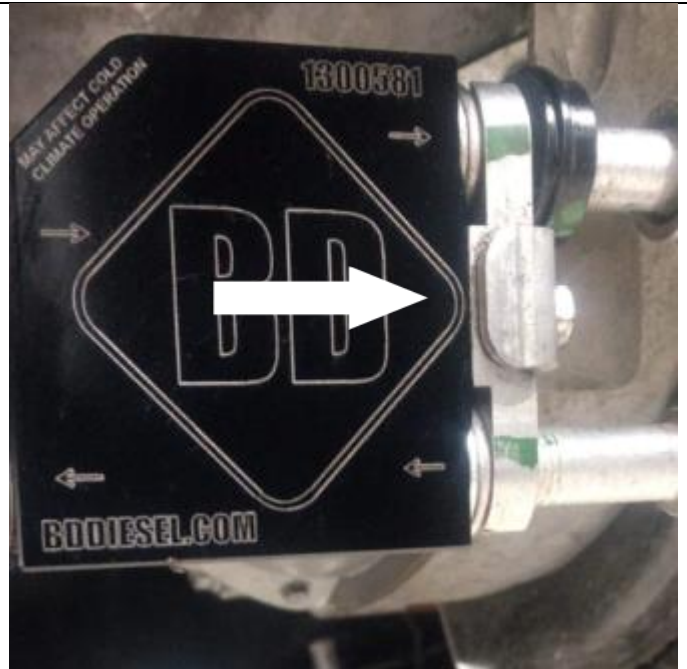


Inspect original O-ring on the tube, replace with supplied viton O-ring (1453153) if it is damaged.

Inspect bonded seal, replace with supplied bonded seal (1500402-SS) if it is damaged.



Align both tubes with bracket and the holes on the block and hand tight the M8 bolt.  
And tighten the M8 bolt using 10mm wrench torque 13 lb-ft



Reinstall both transmission cooler lines in to threaded end of the block, wiggle the lines and nut to start the threads.  
Tighten nuts 24 lb-ft.

Correct transmission fluid level and check for possible leakage.

