

BOSSVENT INSTALLATION GUIDE



200 Series Land Cruiser (2008-2021 4.5L VDJ 200 Turbo Diesel) Oil Catch Can Kit

KIT COMPONENTS:

<p>1. BOSSVENT XL</p> 	<p>2. OUTLET HOSE</p> 	<p>3. INLET HOSE</p> 
<p>4. MOUNTING BRACKET</p> 	<p>5. OIL DRAIN KIT</p> 	<p>6. HARNESS KIT</p> 
<p>7. FASTENER KIT</p> 	<p>8. CABIN SWITCH</p> 	



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STEP 1

WARNING: Ensure engine is off and cool enough to work on!

Identify install area (passenger side of engine bay).



STEP 2

Remove engine cover.



STEP 3

Locate passengers side firewall grommet and remove the original wiring harness support bracket.





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STEP 4

Install BOSSVENT bracket using 2x M6 nuts and spring washers. Place insulation sleeve supplied on A/C pipe as shown and fit zip ties to fix in place.



STEP 5

Attach oil drain tube to BossVent drain port, firmly push tube into place and tighten nut. Feed the the oil drain tube down the drive's side wheel arch.



STEP 6

Attach BOSSVENT to bracket using 2x M8 bolts and spring washers provided.





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STEP 7

Install INLET and OUTLET hoses to the BOSSVENT.

IMPORTANT:

Match IN to IN hose and OUT to OUT hose locations as shown.



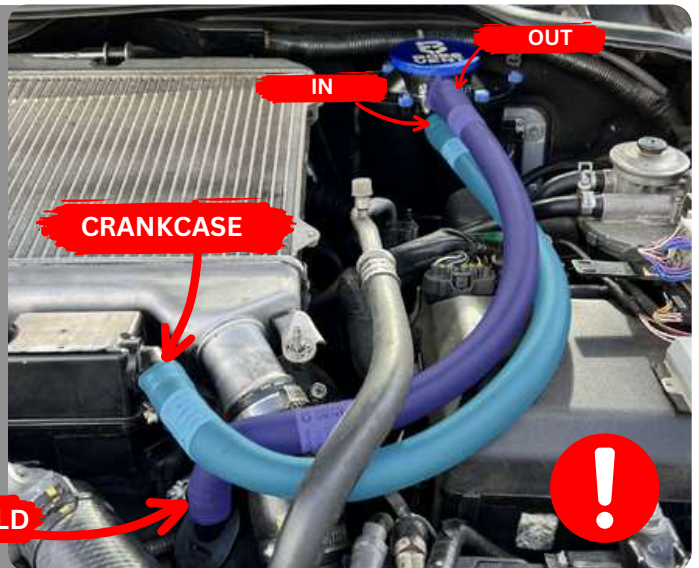
STEP 8

Route INLET / OUTLET hoses

- IN to the CRANKCASE
- OUT to the INLET MANIFOLD

NOTE: HOSE CLAMPS MAY NEED TO BE UNDONE A LITTLE MORE TO FIT OVER HOSES

INLET MANIFOLD



STEP 9



Tighten all hose clamps, secure all hoses & ensure everything is secure and tidy.

Replace the engine cover.





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STEP 10

Guide the drain tube past the engine on the same side of the catch can install to the rear of the front wheel arch for tap installation.



STEP 11A

Trim tube to length using cutter provided.



STEP 11B

Push clear tubing firmly onto BossVent drain tap. Ensure the tap is turned off as shown.





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STEP 11C

Insert dust plug into end of tap.



STEP 11D

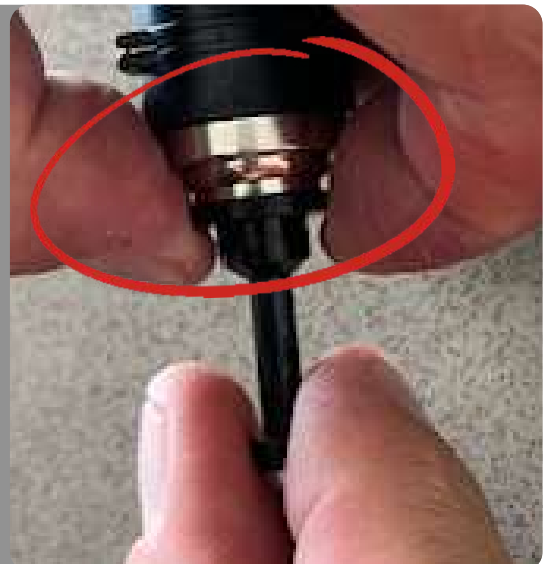
Using zip ties provided secure drain tap and drain hose to chassis rails or similar ensuring the tap and hose are out of the way of the wheels and moving suspension components



STEP 12 - DRAINING

Pull back locking collar and withdraw dust plug before draining the catch can.

Turn tap through 90 degrees to drain. Return tap to the position shown above and replace dust plug after draining.





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STEP 13

From the engine bay side, pass the small plug and spade terminals through the firewall grommet to the vehicle footwell in the cabin.

NOTE: A stiff wire attached to the cables as shown can help



STEP 14

Pull cable through grommet and connect engine bay side plug into the BossVent plug as shown.



STEP 15

Route wiring harness under dash to drivers side around the steering column area and zip tie into place.





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STEP 16

Remove panels to access the cigarette lighter (or accessory power from accessories already connected to +12V ignition or accessory power, the BossVent catch can has extremely low power consumption)



STEP 17A

If using the T tap connectors provided, open T tap connector end as shown.



STEP 17B

Locate suitable electrical cable and close T tap connector end over cable firmly until it locks into place using pliers or similar as shown.

Note:

Negative (-) to ground and Positive 12V (+) to accessory or ignition power

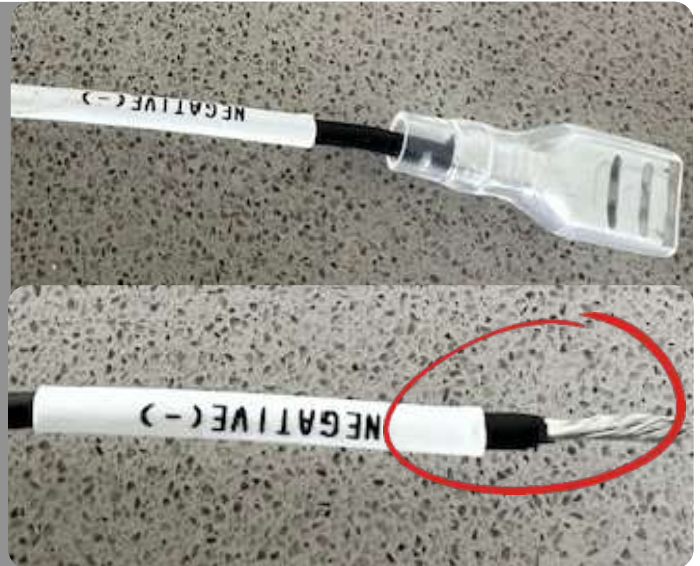




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STEP 17C

If using the T tap connector and not using spade terminals for connection then cut off the female spade terminal end and strip approximately 10mm of the outer sheath from the cable as shown



STEP 17D

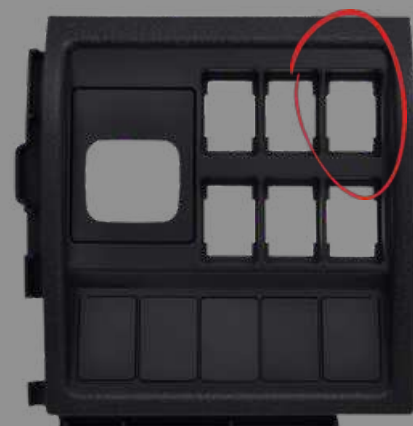
Open lever on T tap connector and insert cable approximately 10-12mm as shown

Close lever and check cable is firmly secured



STEP 18

Pop out spare switch cover on RHS and pull the small plug of the wiring harness through the spare switch hole and connect to the BossVent switch.





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STEP 19

Fit switch to spare hole. Use zip ties to tidy up loose cables and wiring harness.



STEP 20

Start the engine and inspect for leaks or loose ends.

HOSES MUST HAVE NO KINKS OR OBSTRUCTIONS.



YOU'RE GOOD TO GO MATE!













BOSSVENT

IN-CABIN INDICATOR LIGHT STATUS

ONLINE VERSION



	<p><u>IGNITION TURNED ON</u> <i>Light will flash twice</i></p> <p><u>Status:</u> Your catch can is being continuously monitored</p>	
	<p><u>NO LIGHT FLASH</u></p> <p><u>Status:</u> No maintenance required</p>	
	<p><u>1 FLASH PER SECOND</u></p> <p><u>Status:</u> Drain oil required!</p>	
	<p><u>2 FLASHES PER SECOND</u></p> <p><u>Status:</u> Replace filter elements required!</p>	

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BV205-LM-001A



DRAIN OIL

Remove the dust cap and open the tap.

Let the oil drain from your catch can.

Close the tap when oil stops and make sure you place the dust cap back once you finished.

[Click here for video instructions.](#)



REPLACE FILTERS

Remove the catch can top by simply unscrewing all thumb screws anticlockwise until free from the threads.

Clean the oil level sensor with some cloth if it appears dirty.

Lubricate the new filter o-rings with oil before inserting.

Refit catch can top ensuring ALL thumb screws are firmly tightened by hand

Changing the filter elements does not require the use of tools.

YOU'RE GOOD TO GO, MATE!

