

BOSSVENT INSTALLATION GUIDE



Toyota 200 Series Land Cruiser (2007-2021 4.5L VDJ 200 Turbo Diesel) Oil Catch Can Kit (Drivers Side Fitment)

KIT COMPONENTS:

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



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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 drivers side mounting points as shown.





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STEP 4

Remove horn from horn bracket and relocate to BossVent mounting bracket as shown below.



STEP 5

Install BossVent bracket using 2x M6 bolts and spring washers.

Note: Extra spacer washers may be necessary, shown by red arrow to ensure the catch can sits level.



STEP 6

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.





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STEP 7

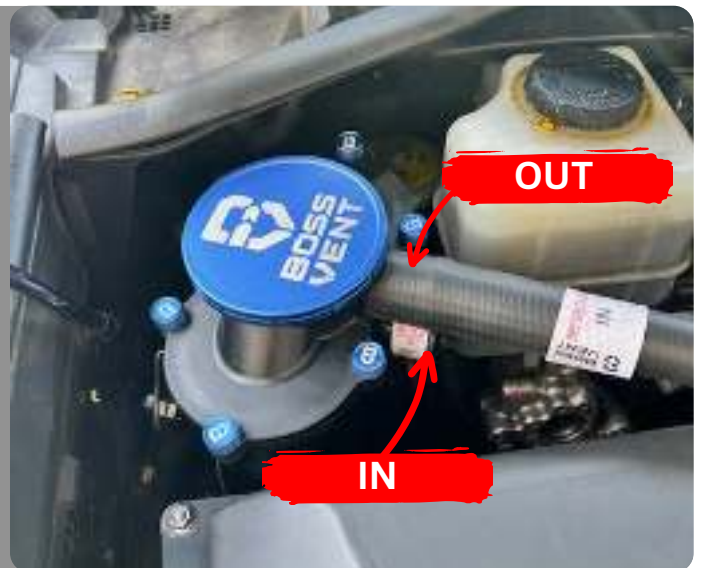
Attach BOSSVENT to bracket using 2x M8 bolts and spring washers provided.



STEP 8

Install INLET and OUTLET hoses to the BOSSVENT.

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

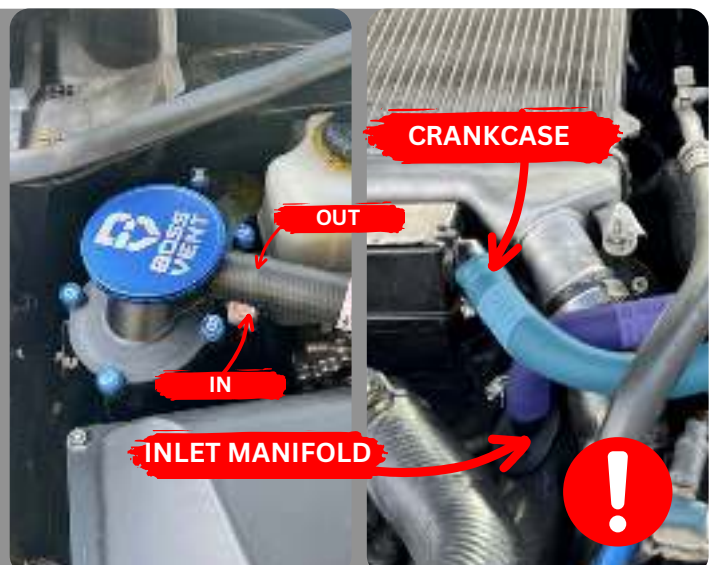


STEP 9

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





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STEP 10



Remove foam sound insulation from underside of engine cover as shown.

Replace the engine cover.



STEP 11



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

Replace the engine cover.



STEP 12

Guide the drain tube past the engine on the driver's side to the rear of the front right wheel arch for bracket installation.





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STEP 13A

Trim tube to length using cutter provided.



STEP 13B

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



STEP 13C

Insert dust plug into end of tap.





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STEP 13D

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 14 - 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.



STEP 15

From the engine bay passenger's side, pass the small plug and spade terminals through the firewall grommet to the passenger's side footwell.

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





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STEP 16

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



STEP 17

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



STEP 18

Remove panels to access the cigarette lighter.





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STEP 19A

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



STEP 19B

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

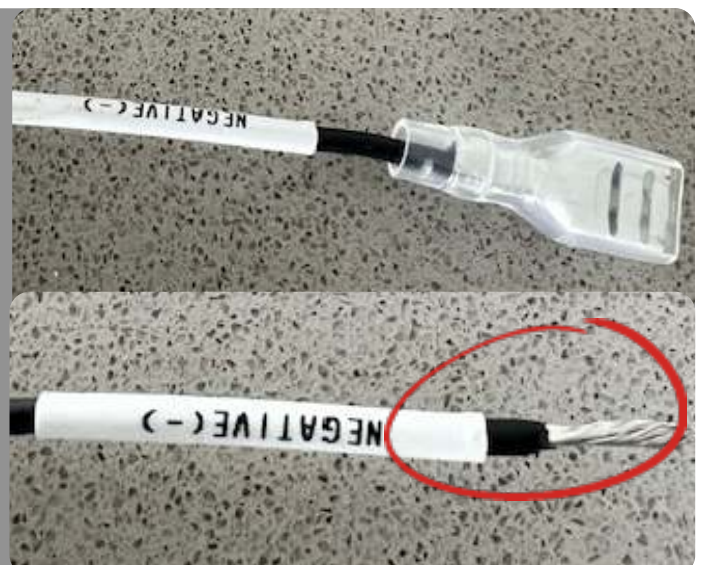
Note:

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



STEP 19C

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





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STEP 19D

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

Close lever and check cable is firmly secured



STEP 20

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.



STEP 21

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





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STEP 22

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



IGNITION TURNED ON

Light will flash twice

Status: Your catch can is being continuously monitored



NO LIGHT FLASH

Status: No maintenance required



1 FLASH PER SECOND

Status: Drain oil required!



2 FLASHES PER SECOND

Status: Replace filter elements required!



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BV205-LM-001A



DRAIN OIL

Remove the red oil 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!

