








BOSSVENT

INSTALLATION GUIDE



Toyota Hilux (2024-On 2.4L/2.8L Turbo Diesel) Oil Catch Can Kit

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).



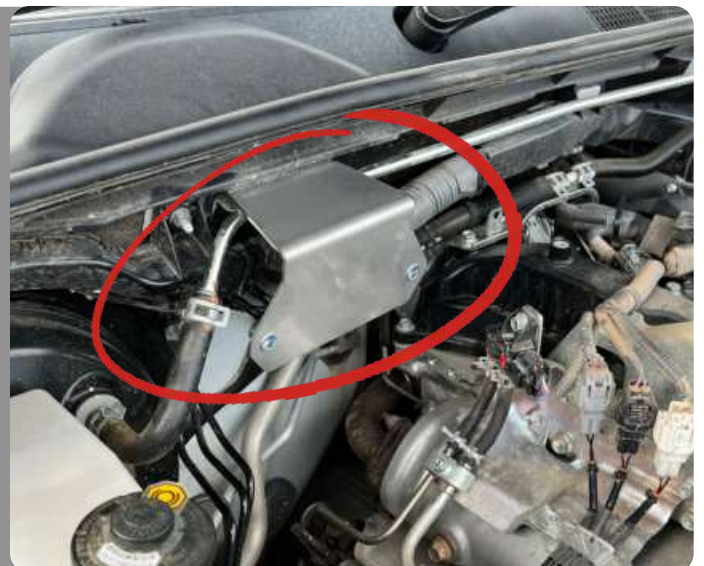
STEP 2

Locate mounting points and remove the original fasteners.



STEP 3

Install BOSSVENT bracket using the 2x M6 nuts and spring washers.





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STEP 4

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 5

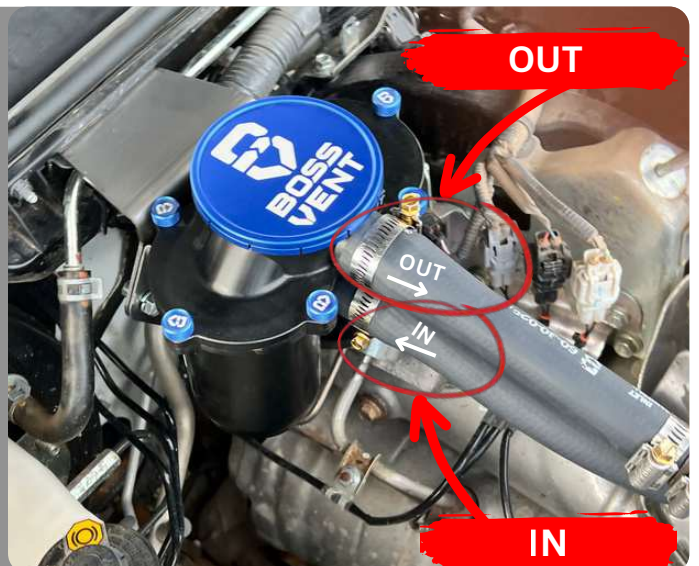
Attach BossVent to bracket using 2x M8 bolts and spring washers provided.



STEP 6

Install INLET and OUTLET hoses to the BossVent.

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



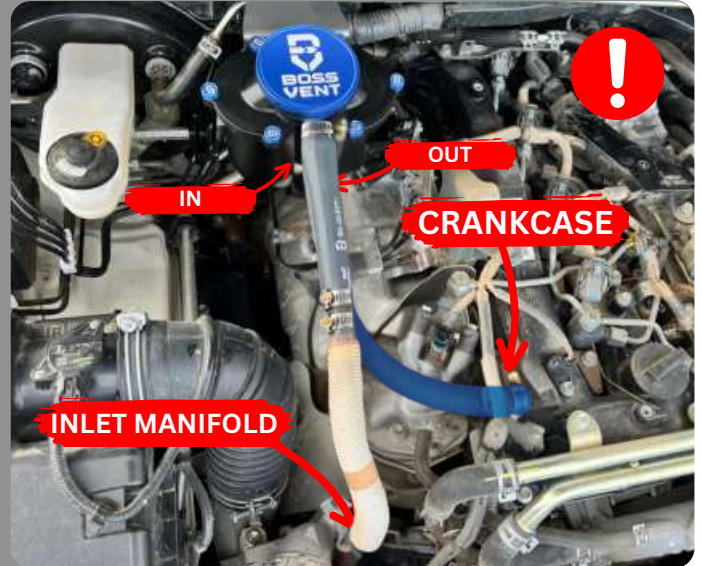


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STEP 7

Route INLET / OUTLET hoses

- IN to the CRANKCASE
- OUT to the INLET MANIFOLD



STEP 8



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



STEP 9

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 10A

Trim tube to length using cutter provided.



STEP 10B

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



STEP 10C

Insert dust plug into end of tap.





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STEP 10D

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 11 - DRAINING

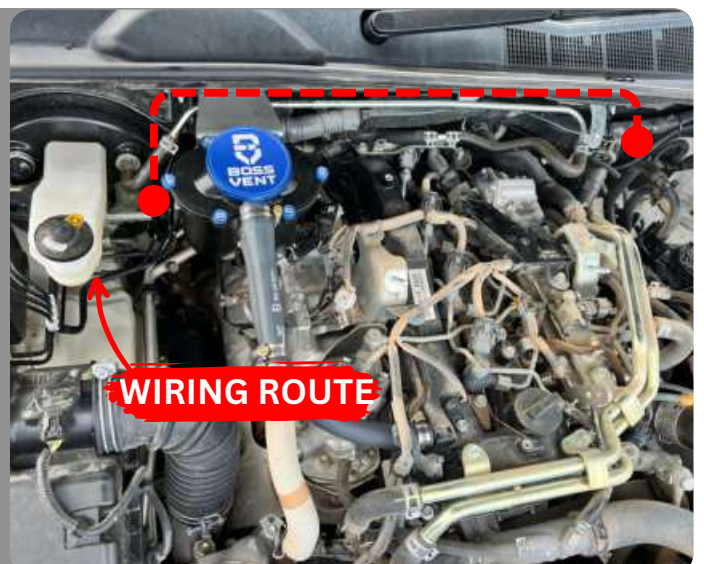
Pull back locking collar and withdraw dust plug before draining the catch can.

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



STEP 12

Route the wiring harness around the engine, from the BossVent catch can to the passenger's side where the grommet is located.

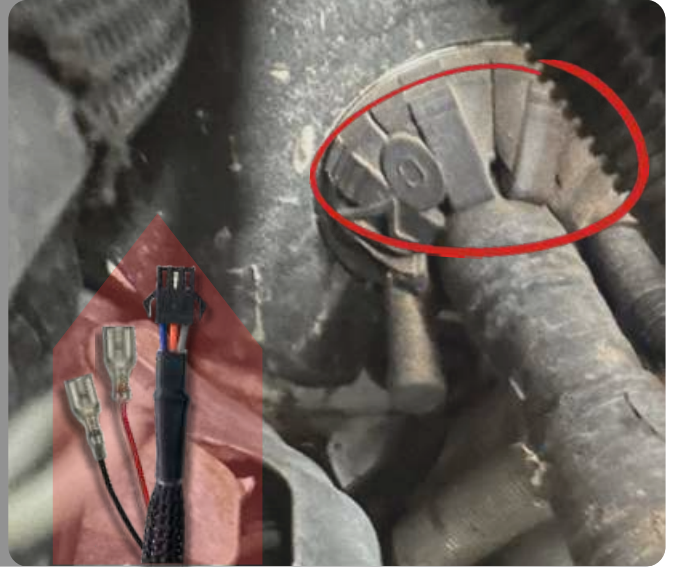




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STEP 13

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



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.



STEP 17A

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

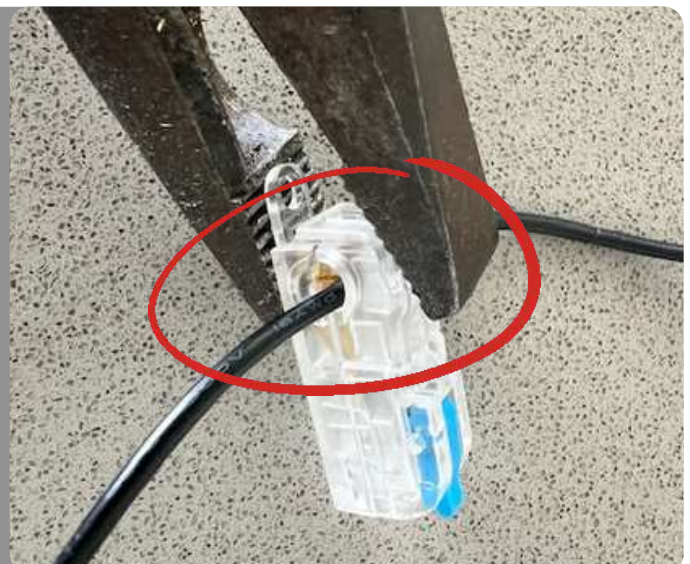


STEP 17B

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

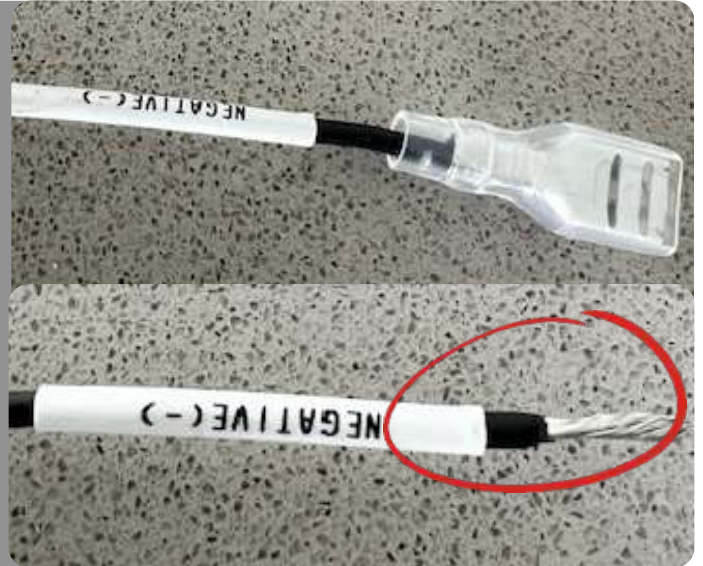




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STEP 17C

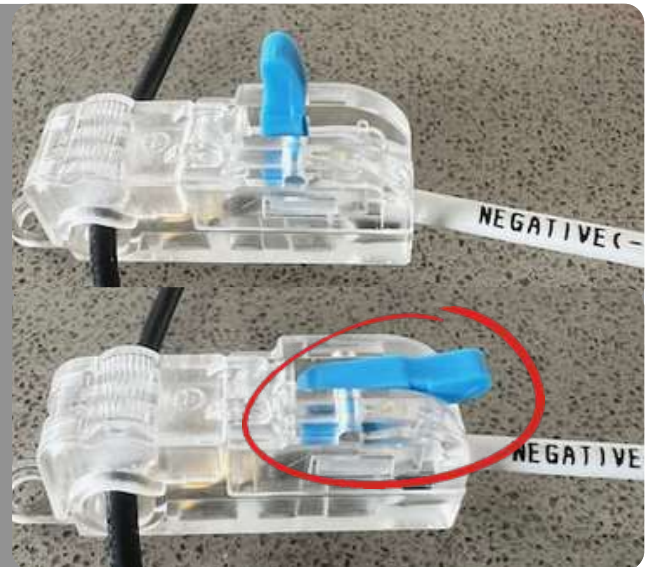
If using the T tap connector and not using spade terminals for connection then cut off the female spade terminal end and strip approximately 10mm of the outer sheath from the cable as shown



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



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

Open the catch can, twisting all 6 thumbs screws.

Clean the sensor with some cloth.

Lubricate the new filters o-rings with some oil before inserting.

Changing the filter is easy. No tools are required!

YOU'RE GOOD TO GO, MATE!

