

# **BOSSVENT** INSTALLATION GUIDE



## **Toyota Landcruiser 79 Series Facelift 4 Cylinder (2024 on 2.8L Diesel) Oil Catch Can Kit**

### **KIT COMPONENTS:**

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



## 79 Series Landcruiser Facelift 4-Cylinder (2024 on 2.8L Diesel) Oil Catch Can Kit

### STEP 1

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

Identify install area (passenger side of engine bay).



### STEP 2

Locate engine crank case breather hose.



### STEP 3

Remove hose clips as shown and remove hose.





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### STEP 4

Fit mounting bracket where shown.



### 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

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





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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.

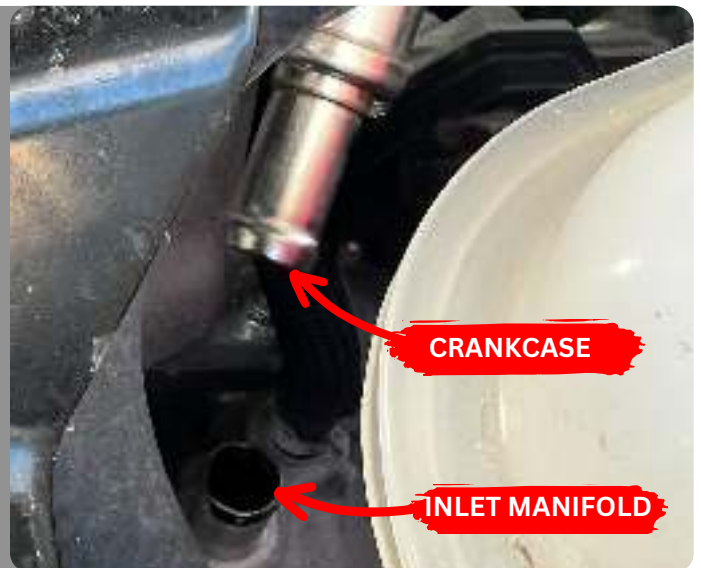


### STEP 8

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**



### STEP 9

Guide the drain tube past the engine on the driver's side to the rear of the front right wheel arch. Install drain tap mounting bracket in a suitable location.





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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

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

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





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### STEP 13

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



### STEP 14

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



### STEP 15

Identify location of accessory (or ignition) power or other after market accessories that may be connected to accessory power.





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### STEP 16A

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



### STEP 16B

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

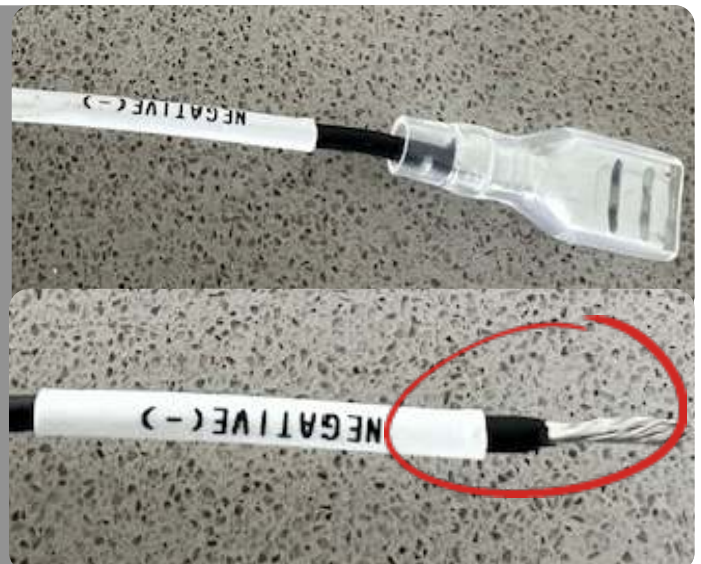
Note:

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



### STEP 16C

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 16D

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

Close lever and check cable is  
firmly secured



### STEP 17

In-cabin switch mounting  
location.



### STEP 18

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





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### STEP 19

**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!

