

Toyota Hilux KUN26R Direction-Plus™ ProVent® Ultimate Catch Can Installation Guide

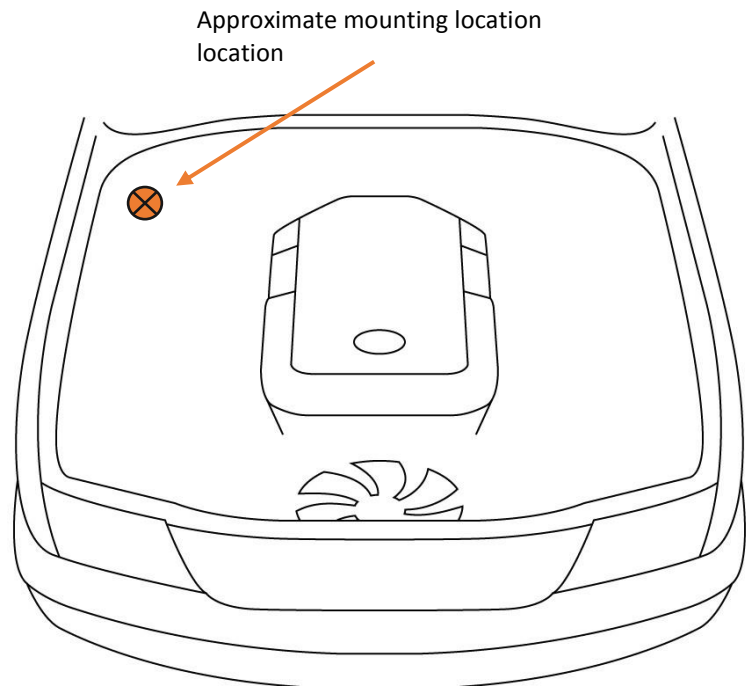
This document is to be used as a guide for the installation of the Direction-Plus™ KUN26R ProVent® Ultimate Catch Can Kit to a 2006+ Toyota Hilux D4D Diesel. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

Important Before Starting

- Ensure you have the correct tools to complete the fitment
- Read the instructions in full and familiarize yourself with the installation, before commencing any work

Included in the kit

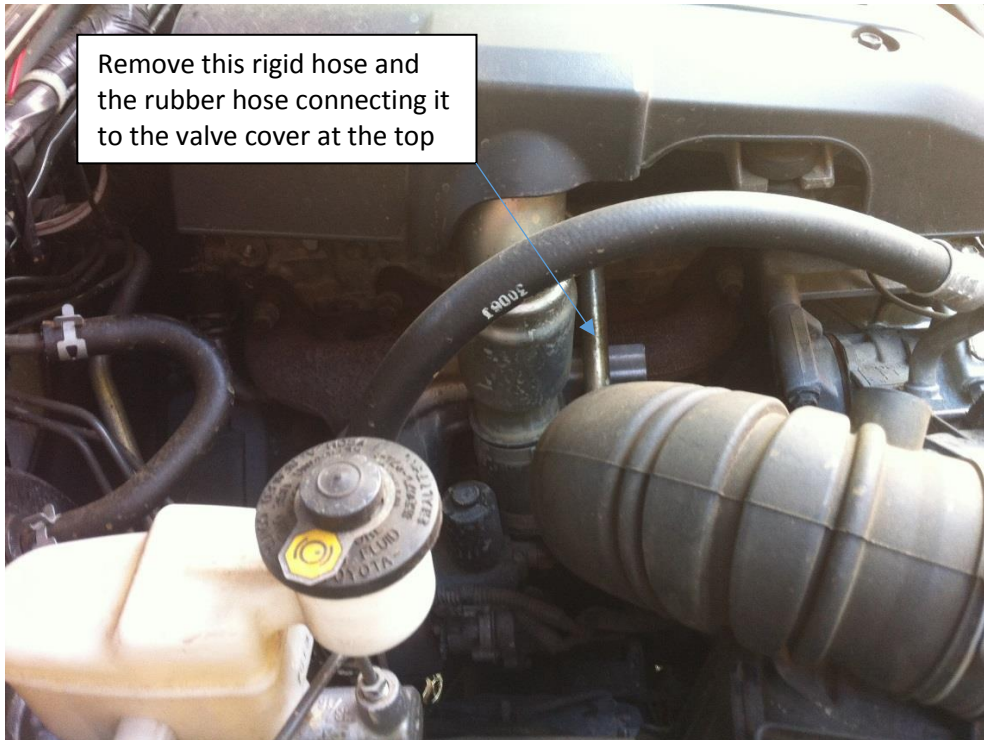
1 x Mann + Hummel ProVent 150
1 x Mounting Bracket
2 x M8x25 Bolts
4 x M8 Flat Washers
2 x M8 Spring Washers
2 x M8 Stainless Steel Nuts
1 x M6x12 Bolt
1 x M8x12 Bolt
1 x M6 Spring Washer
1 x M8 Spring Washer
3 x 16mm Hose Clamps
2 x 19mm Hose Clamps
1 x 16mm to 19mm Hose Joiner
8 x Cable Ties
600mm of 19mm Hose
560mm of 16mm Hose
1000mm of 12mm Hose
1x Drain Tap Assembly
2 x 12-20mm Hose Clamps



*Kit contents are subject to change based on component availability and/or refinement

Installation Guide

1. Begin by removing the factory bypass hose which runs from the top of the rocker cover, down to the air inlet hose just before the turbocharger. You will need to leave the rubber 25mm to 16mm reducer in place on the inlet pipe. Note: You may need to remove the engine cover and intercooler for better access.



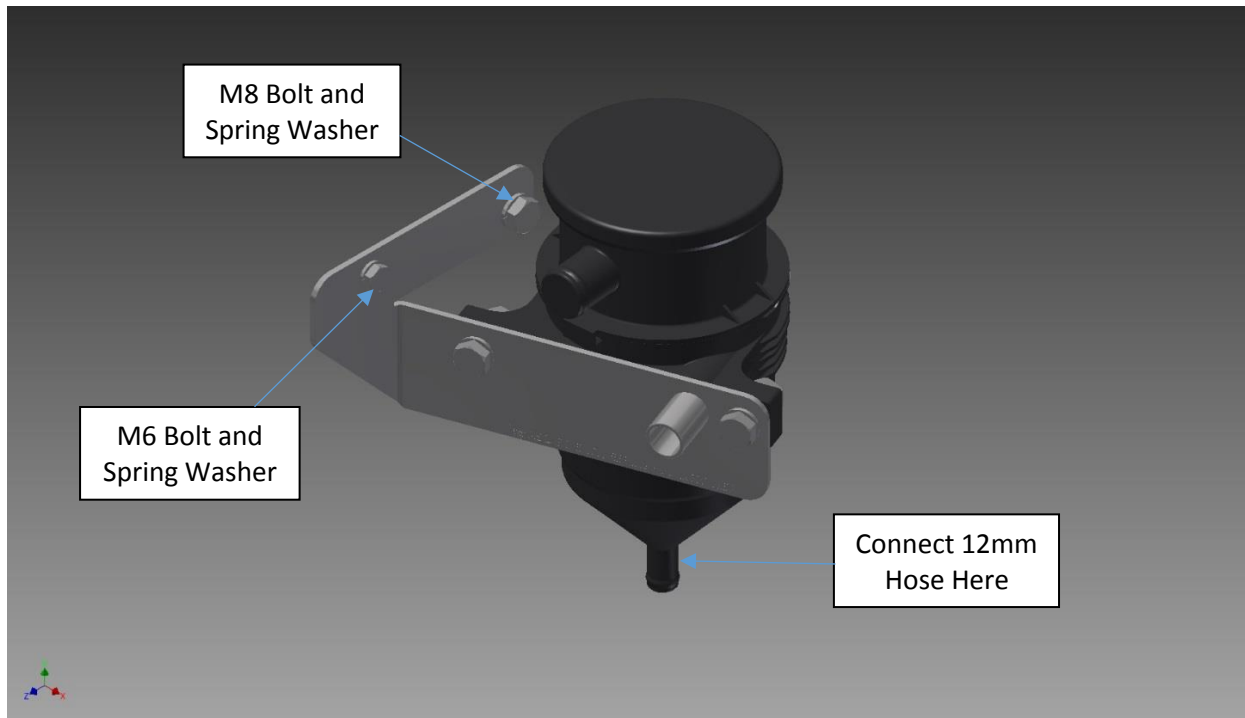
Hilux Engine Bay- Exhaust Side

2. Connect the 12mm Hose to the underside of the catch can body, using a 12-20mm Clamp to secure it in place.



ProVent® 150 with 12mm hose connected and secured with 12mm spring clamp

3. Install the pre-assembled catch can and bracket assembly to the rear right of the engine bay. There are two existing unused threaded holes in which the unit mounts to. Use the M6 Bolt and spring washer for the front hole and the M8 bolt and spring washer for the rear hole.



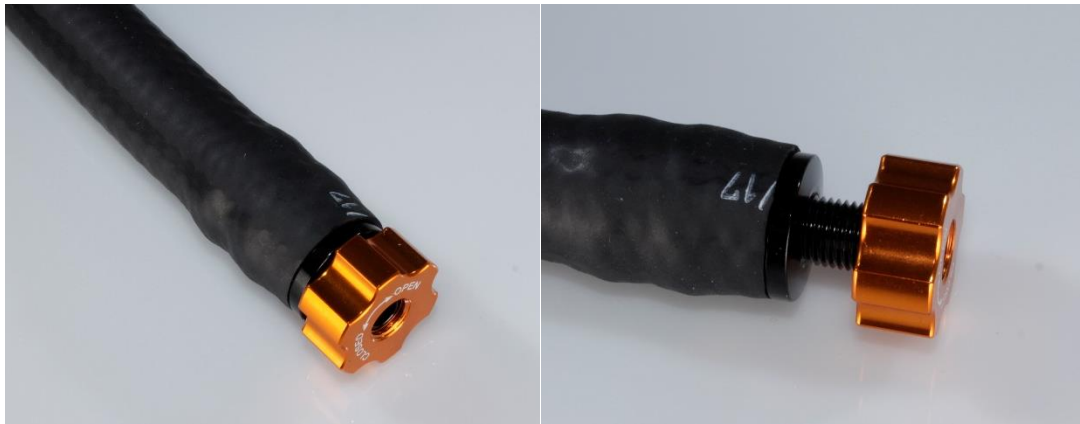
Pre-assembled ProVent® 150 with bracket – Shown with mounting bolts

4. Feed the 12mm Hose down under the vehicle to an out of the way location, making sure it is clear of any suspension, driveline and exhaust components, fit the Tap hose tail into the hose.



Hose tail and tap assembly inserted into 12mm hose, hose clamp not required

5. Use the supplied cable ties to secure the 12mm hose into the location required to prevent movement, just leave a slight amount of slack in the line where the body and chassis join to prevent stretching the hose.
6. Make sure the tap position is closed and avoid placing the tap in a location in which it will fill with dirt and mud.



Left image – Tap Open.

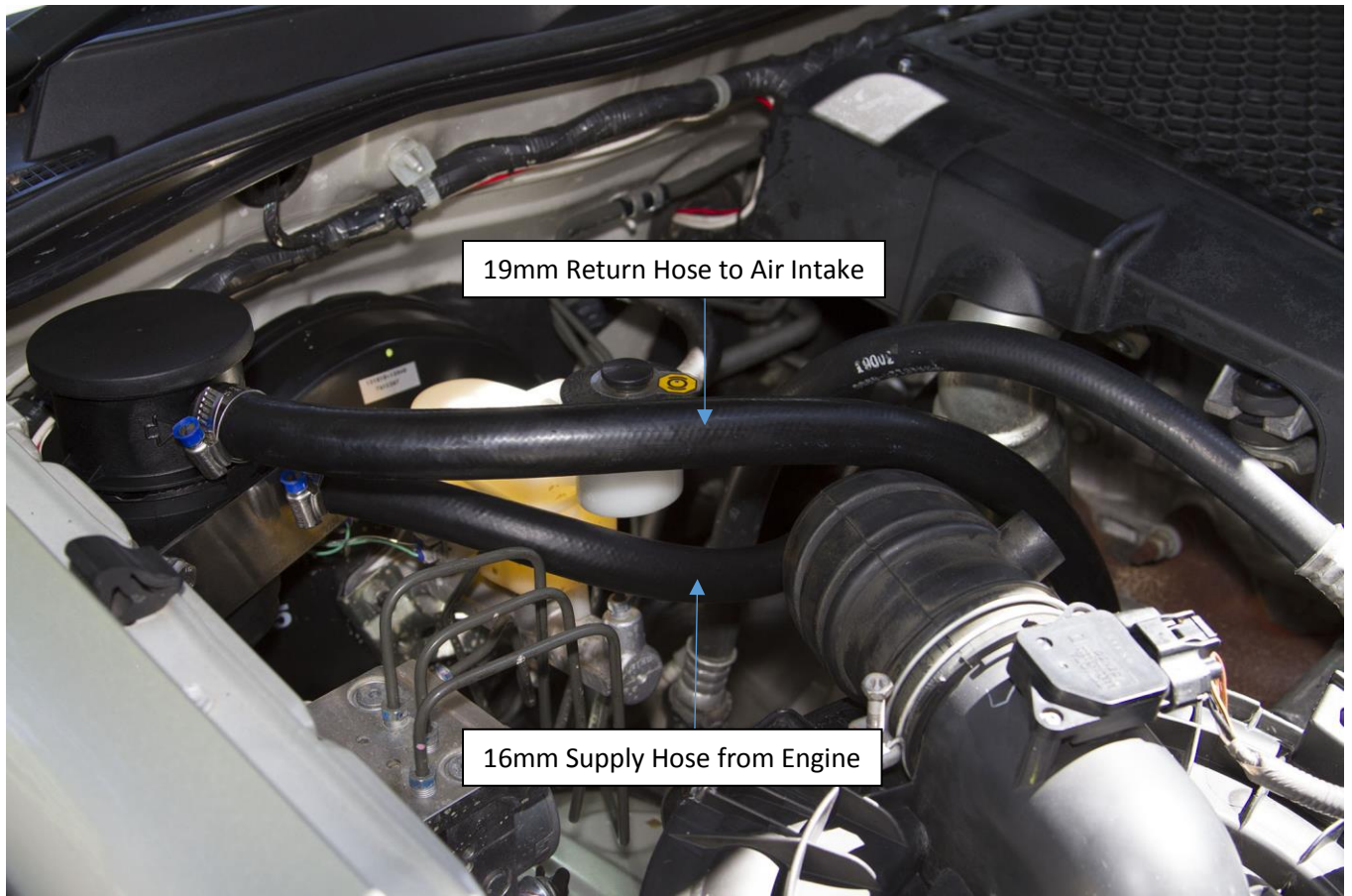
Right image – Tap Closed.

7. Mount one end of the 16mm hose to the fitting on the valve cover in which the factory bypass hose was removed. Use a 16-25mm clamp to secure it in place.
8. Mount the other end of the 16mm hose to the 16mm fitting on the bracket of the catch can, using a 16-25mm clamp to secure it in place. Note: This hose should run behind the intercooler piping and under the front corner of the brake master cylinder.
9. Push the 19mm end of the 16mm to 19mm Hose Joiner into the 19mm hose, using one of the 20-32mm Clamps to secure it in place.



19mm end of hose joiner inserted into 19mm Hose and secured with 20-32mm worm drive clamp

10. Push the 16mm end of the 16mm to 19mm Hose Joiner into the 16mm end of the 25mm to 16mm reducer on the air inlet hose. Secure in place with a 16-25mm clamp.
11. Mount the other end of the hose to the top hose fitting on the catch can body, secure in place with a 20-32mm hose clamp. Note: This hose should run over the intake pipe and in front of the fill port for the brake master cylinder, take care to ensure clearance to the fill port.



End of Installation Guide