

Provent Kit for Toyota Prado KDJ I20R Series Turbo Diesel (oct2002-mid09) IKD-FTV

KIT No: 05-PROV-18 (with or without ABS)



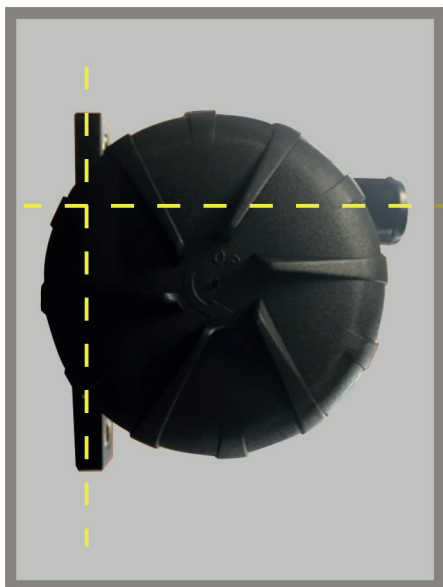
Fitting Instructions for Mann Provent 200 Catch Can Kit Prov-18

ProVent is MANN+HUMMEL's newest innovation for crankcase ventilation. Also known as a Catch Can, it is specifically designed to accommodate the latest generation of turbo-charged engines and has the following advantages over existing solutions.

- STEP 1:** Switch off engine, remove the keys from the ignition and ensure the engine is cool enough to work in the engine bay.
- STEP 2:** Remove plastic engine cover (img.1).
- STEP 3:** Adjust the Provent 200 unit to the position shown (img.2).
- STEP 4:** Fit the clear drain hose to the bottom outlet of the Provent unit (img.3).
- STEP 5:** Fit the Provent unit to the Stainless Bracket using the supplied nuts, bolts and washers ! (img.4).



Step 2 / Img 1:



Step 3 / Img 2:



Step 4 / Img 3:



Step 5 / Img 4:

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STEP 6: Identify the 2 bolts holding the Radiator Overflow Bottle and remove.

STEP 7: Mounting the bracket to the car (with Provent attached) ensure you slide the drain hose down and across - to slide in between the chassis rail (outer) and inside the rubber inner guard (img.5).
Re-install Radiator Overflow bottle bolts now also holding the Stainless Provent bracket as well (img.6).

STEP 8: Remove the steel pipe (img.7) running from the crank case outlet from the vehicle. Secured by a single bolt (img.8).

STEP 9: Connect the Lower Hose (slightly shorter) to the lower outlet of the Provent unit & the other end to the Inlet just before the Turbo (img.9).

STEP 10: Connect the Upper Hose to the Upper Inlet of the Provent Unit and the outlet of the Crankcase, the plastic fitting will fit straight into the factory rubber fitting coming off the crankcase outlet (img.10).

STEP 11: Secure the hoses with supplied Cable Ties to stop any rubbing between components where necessary (img.5).

STEP 12: Re-check and tighten all hose clamps. ** Ensure the Drain Valve is in the closed or horizontal position **

STEP 13: Re-install engine cover and job done ! The Mann Provent element should last for over 40,000 kms, we recommend you drain the system once a month into a cup & dispose of contents carefully.



Step 7 / Img 5:



Step 7 / Img 6:



Step 8 / Img 7:



Step 8 / Img 8:



Step 9 / Img 9:



Step 10 / Img 10: