

Hyundai i30N Oil Breather Kit

Tools needed:

- 10mm socket with ratchet or 10mm spanner
- Pliers/hose clip removal tool
- Jubilee flexdriver or 7mm socket

Kit Includes:

- *Oil catch can including billet bracket*
- *1 x coolant replacement hose*
- *1 x catch can to PCV valve hose*
- *1 x catch can to intake manifold hose*
- *Jubilee clips:*
 - 3 x 20MM*
 - 2 x 25MM*
 - 1 x 22MM*



1. Open bonnet and prop using the bonnet stay
2. Remove engine cover by pulling up sharply by the arrow on the bottom left and then on the far right and it will pop out of its front mounts and you'll be able to pull up the back of it and remove the cover. Set aside.



3. Using pliers or a pipe clip removal tool squeeze the clips on the hose that connects the PCV valve to the inlet manifold and pull them back so that the hose can be pulled off the original fittings and removed.



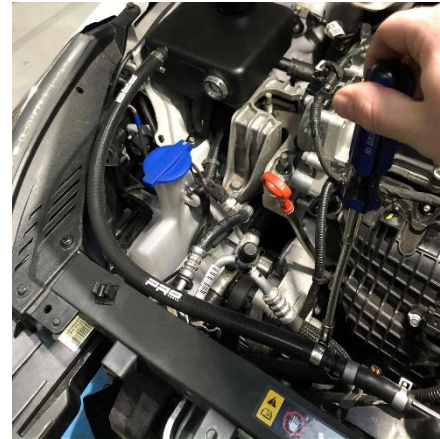
4. Using the 10mm socket undo the unclip holding on the original coolant hose and remove.



5. Using pliers again squeeze the clip to release it and pull it back so you can release the hose from the coolant tank and also from the T-piece along the front of the engine bay. Taking care as you remove this hose as there may be coolant in the line. You will have to pull the hose out from retaining clip along the back of the plastic panel. Remove the hose from the engine bay.



6. Fit the new coolant hose using the supplied jubilee clips and route as per the picture.



7. Remove the headlight bolt using a 10mm socket and then place the catch can in position, it will fit the profile of the headlight bracket which will help to locate it correctly so that it does not foul on the washer bottle lid. Tighten down using the bolt that you removed originally.



8. The 2 hoses can now be attached. Route as per the picture with the hose to the PCV attaching to the inlet which is the furthest away on the catch can and the hose to the inlet manifold on to the outlet which is the closest on the catch can. Use the supplied jubilee clips to tighten these.



9. Check all hose clips are tightened and then the engine cover can be replaced. Ensure it is fully seated by pushing down on each of the four mounting rubbers. *Top up the coolant if required.*

10. Periodically check the oil level in the catch can using the provided dipstick. To drain the catch can simply undo the jubilee clips holding on the hoses to the can, remove the bolt attaching the bracket to the headlight and then tip upside down with the dipstick removed and allow to drain. Once drained, reinstall the catch can.



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