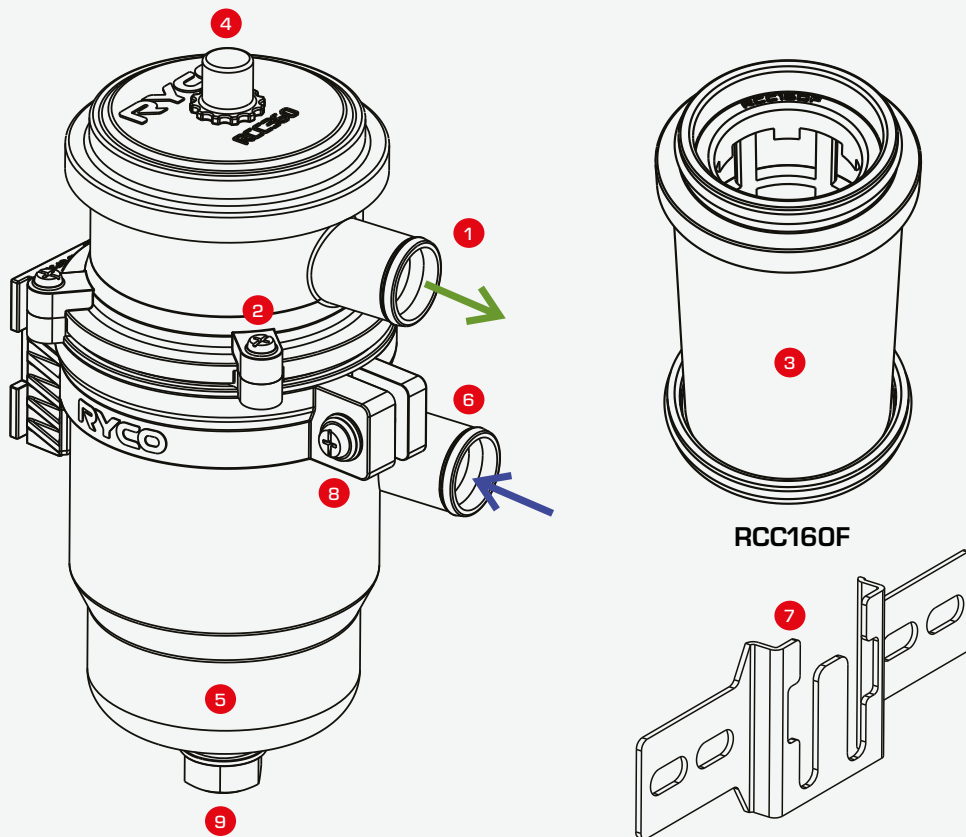


RCC360K is an advanced catch can kit designed to filter oil and impurities from the blow-by gases generated by the engine, before they are recycled back into the intake system, keeping it clean and operating efficiently minimising any power loss and extending engine life.

The purpose of this guide is to facilitate the fitment of RCC360K to any vehicle. It is a general instruction and not specific to a vehicle, however the steps below apply to all.

We strongly recommend the installation of the RCC360K be carried out by a qualified mechanic and the installer has access to the correct workshop manual for the specific vehicle.



- |   |   |
|---|---|
| 1 Flexible orientation outlet port (size 1")                  | 6 Flexible orientation inlet port (size 1")       |
| 2 Housing Philips bolts (4)                                   | 7 Quick release universal mounting bracket design |
| 3 High efficiency oil vapour coalescing filter media inside   | 8 Philips screw plastic bracket                   |
| 4 Integrated bypass valve (open 4 kPa) with service indicator | 9 Easy to use drain M16 tap (drain hose optional) |
| 5 290ml storage sump  |   |

Before attempting to install the RCC360K to the vehicle make sure you have identified the engine PCV breather hose. You may require additional hose and joiners which must be the same diameter (heat, fuel and oil resistant hose required) to complete the installation.

Ryco PCV hose RFA228 (1m x Ø19mm) and RFA229 (1m x Ø16mm) and Ryco Joiners RFA221 (Ø19mm straight), RFA222 (Ø16mm straight), RFA223 (Ø19mm elbow) and RFA224 (Ø16mm elbow) are available from all good Ryco stockists.

### CATCH CAN INSTALLATION

- 1 Find a safe working area, switch off the engine and remove the keys from the ignition. Ensure the engine is cool enough to work around it.
- 2 Remove the engine cover to access the PCV hose (if required).
- 3 Identify the factory crankcase emissions hose (PCV) location and size (it will either come out of the crankcase or the back of the rocker cover and connect to the engine air intake pipe). We strongly recommend consulting the vehicle workshop manual to correctly identify the PCV hose.
- 4 Find a suitable location to fit the RCC360, preferably on the same side as the vehicles existing crankcase hose and mounted to the body frame. Common places are the firewall, wheel arch, or at the front of the engine bay behind the headlamps. Avoid mounting the unit directly to the engine, near the turbo, exhaust or behind the radiator.
- 5 Use the 2x8mm bolts to fix the quick release bracket (supplied) to the desired location in the engine bay. Once fixed to the vehicle, the RCC360 can slide in, or out, as desired without the need for tools. The width of the bracket can be adjusted by cutting out the outer holes if not needed.
- 6 In some cases, it may be possible to re-use a portion of the factory hose, however, to complete the installation some more heat, oil and fuel resistant hose of identical diameter will have to be sourced. To simplify connection to the RCC360, Ryco has included two different sized hose reducers and plastic hose connectors (Ø16 & Ø19mm).
- 7 Disconnect the crankcase hose from the intake pipe side and connect to the intake port on RCC360 (lower port - check arrows on the catch can). Ensure there are no kinks or sharp bends on the hose. Secure the hose with the spring clamp supplied.

### INSTALLATION TIP

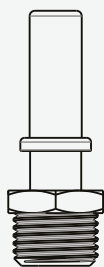
The bottom section can be rotated partially by loosening the plastic bracket.

- 8 Complete the fitment by connecting a section of hose from the outlet port (top port - check arrows on the catch can) to the engine air intake pipe. Again, ensure the hose is free of kinks or sharp bends and secure the hose with the spring clamp supplied.

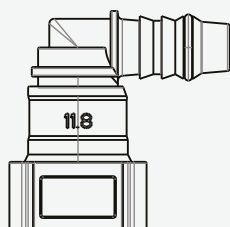
### INSTALLATION TIP

The top section of RCC360 can be oriented in 4 different positions to face in the desired direction.

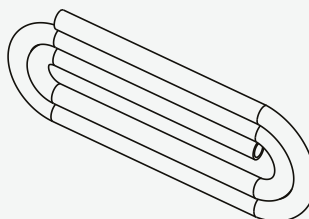
### INCLUDED DRAIN HOSE COMPONENTS



MS4118  
QUICK CONNECTOR x 1



MS4108  
ELBOW QUICK CONNECTOR x 1



MS4117  
PVC HOSE x 1M



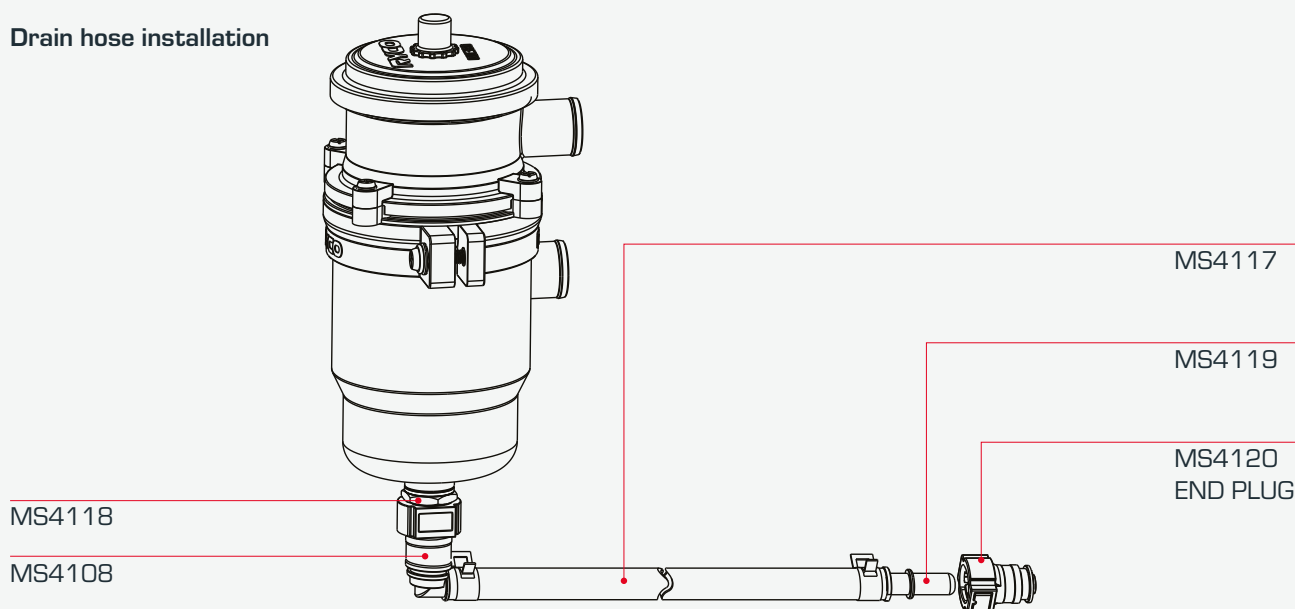
MS4119+MS4120  
HOSE END PLUG x 1 SET

### DRAIN HOSE INSTALLATION PROCEDURE

#### To install the drain hose

- 1 Remove the blanking plug from the base of the catch can.
- 2 Remove the rubber washer from the blanking plug.
- 3 Fit rubber washer to the MS4118 Male Quick Connector.
- 4 Install MS4118 with rubber washer to the base of catch can.
- 5 Connect the MS4108 elbow female quick connector to the MS4118 male quick connector on the base of the catch can by pushing on until you hear a "click".
- 6 Insert the drain hose onto the barb end of MS4108 and secure with the supplied spring clamp.
- 7 Insert the MS4119 onto the other end of the hose and secure with the supplied spring clamp.
- 8 Use the zip ties to secure the hose.

#### Drain hose installation



### HOW TO DRAIN THE CATCH CAN

**Note:** Check the catch can sump level every month or 5000km, whichever comes first and drain as required. Sump level checks are recommended daily when four-wheel driving or towing.

#### If the drain hose is fitted

- 1 Push both buttons on the MS4120 end plug and pull to separate from the MS4119.
- 2 Allow all oil to drain out.
- 3 Push MS4120 plug back on to MS4119 until you hear a "click".

#### If fitted without drain hose

- 1 Slide catch can out of the bracket. You may need to remove inlet and outlet hoses by loosening the hose clamps.
- 2 Remove the blanking plug from the base of the catch can.
- 3 Allow all oil to drain.
- 4 Refit the blanking plug to the base of the catch can ensure the rubber seal is in place.

### WHEN SHOULD YOU SERVICE THE CATCH CAN

#### Check service indicator

If red service indicator is not raised, the catch can does not currently require a service. Check again in a month or 5000 km. Sump level checks are recommended daily when four-wheel driving or towing. If the red service indicator is raised, unscrew the clear service indicator housing and compress the red service indicator. Run the engine and if the red service indicator raises again, it is time to service your catch can.

#### NO SERVICE REQUIRED



#### SERVICE REQUIRED



### HOW TO DRAIN THE CATCH CAN

#### How to service the catch can

- 1 Draining catch can before service is recommended
- 2 Undo the four bolts the on catch can head, take note of outlet position. Remove hoses and clamps, if required.
- 3 Separate the head from the rest of the catch can
- 4 Lift out old filter
- 5 Use a rag to clean inside catch can sump
- 6 Refit new filter (RCC160F), and replace the main housing o-ring
- 7 Reinstall the filter head noting the position of the outlet port from earlier
- 8 Tighten the four bolts and reinstall hoses and hose clamps if removed.