

# YPerformance Infiniti Q50/Q60 3.0T Catch Can Kit

## Installation Guide

**Application:** Infiniti Q50/Q60 3.0T

**Engine:** VR30DDTT

### Before You Begin

Read the complete installation guide before starting.

Make sure the engine is cool and the vehicle is parked on a level surface with the ignition switched off.

### Tools Required

- 12mm socket and ratchet
- Flat head screwdriver
- Pliers
- Hose lubricant or a small amount of clean engine oil
- Basic hand tools

### Kit Contents

- YPerformance oil catch can
- Mounting bracket
- Mounting hardware
- Short catch can hose
- Long catch can hose
- Hose clamps

## Installation

### Step 1: Remove the Engine Cover and Intercooler Bolts



Remove the engine cover to access the PCV hose and intake manifold connection.  
Remove the **two 12mm bolts** securing the intercooler bracket.  
Keep the factory bolts. You will reuse them to secure the YPerformance catch can bracket.

## Step 2: Install the Catch Can Bracket



Stand in front of the vehicle and locate the **right side of the engine compartment**.  
Locate the two nuts on the shock tower closest to the engine.  
Remove both nuts using a 12mm socket.  
Place the YPerformance catch can bracket over the exposed studs.  
Reinstall the two factory nuts and tighten the bracket securely.

## Step 3: Mount the Catch Can



Attach the YPerformance catch can to the mounting bracket using the supplied mounting hardware.

Position the catch can so the **IN and OUT ports are accessible** and the can does not contact surrounding components.

Make sure the can and bracket are secure before connecting the hoses.

#### **Step 4: Disconnect the Factory PCV Hose**



Locate the factory PCV hose connection.

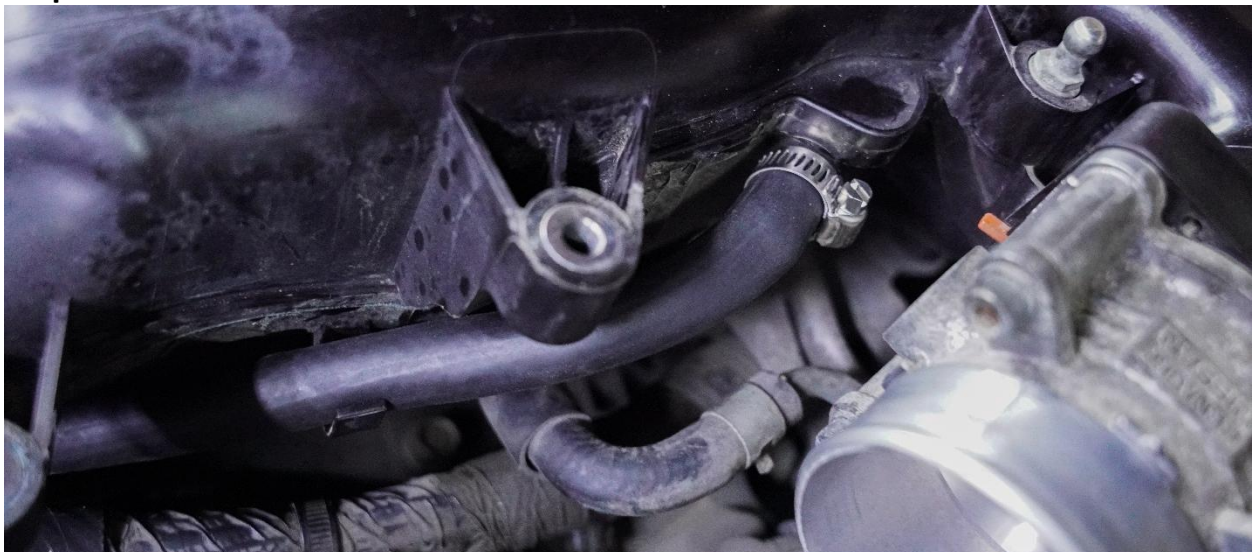
Using pliers, squeeze the factory pressure clamp and slide it back along the hose.

Carefully remove the hose from the factory nipple.

A flat head screwdriver can be used carefully to help release the hose if it is stuck.

**Tip:** Leave the factory hose in place rather than completely removing it. This makes installation easier and avoids unnecessary removal of the factory hose.

#### **Step 5: Connect the Short Hose to the Catch Can IN Port**



Take the **shorter supplied hose**.

Connect one end to the factory nipple where the original PCV hose was disconnected.

Connect the other end to the **IN** port on the YPerformance catch can.

If necessary, apply a small amount of clean engine oil or suitable hose lubricant to the inside of the hose to help it slide over the factory nipple.

Position the hose clamp before pushing the hose fully onto the nipple.

Once the hose is fully seated, secure it with the supplied hose clamp.

#### **Step 6: Connect the Long Hose to the Catch Can OUT Port**



Take the **longer supplied hose**.

Connect one end to the factory nipple on the intake manifold.

Connect the other end to the **OUT** port on the YPerformance catch can.

Make sure both ends of the hose are fully seated.

Secure both connections with the supplied hose clamps.

## Step 7: Check Hose Routing



This step is critical.

Route both catch can hoses **underneath the appropriate factory hoses and lines.**

Keep the hoses away from:

- Moving components
- Hot exhaust components
- Sharp edges
- Belts and pulleys
- Areas where the hoses can become pinched

The hoses must sit low enough to allow the factory engine cover to reinstall correctly.

Check that neither hose is kinked or sharply bent.

## Step 8: Reinstall Engine Cover and Complete Installation



Before installing the engine cover, inspect the entire hose routing. Make sure the hoses are positioned underneath the factory lines where necessary. Carefully reinstall the engine cover and confirm that it snaps into position without pressing against or pinching the catch can hoses.

## Step 9: Final Inspection

Before starting the engine, check the following:  
Start the engine and allow it to idle.  
Inspect all hoses connections for air leaks or loose connections.  
If everything is secure, the installation is complete.

## Catch Can Maintenance

Check the catch can periodically and empty it when necessary. For the first few service intervals, inspect the can more frequently to establish how quickly it collects oil and contaminants. To service the catch can, make sure the engine is cool, remove the can according to the YPerformance design, empty the collected fluid, and reinstall it securely.

## Installation Complete

Your YPerformance Infiniti Q50/Q60 3.0T Catch Can Kit is now installed. Always inspect the catch can, hoses, and clamps during routine vehicle maintenance to ensure everything remains secure and properly routed.