



## - Installation Manual -

672 009 AN

[Oil Catch Tank Kit](#)

Subaru Impreza GDB Applied C~E

[ Part Number ]	672 009 AN	
[ Application ]	Subaru Impreza GDB Applied C~E	
[ Product ]	Cusco Oil Catch Tank Kit	
[ Description ]	Oil Catch Tank with 15mm hose kit	
[ Contents ]	Bracket A	x1
	Bracket B	x1
	Oil Catch Tank	x1
	Teflon Braided Hose (1meter)	x1
	Hose Clamp (15mm)	x3
	Rubber Plug	x1
	M6 x 25 Flanged Bolt	x1
	M6 Nut	x1
	M6 x 15 Flanged Bolt	x3
	Zip Tie	x3
	Hose Joint	x1

There are two basic methods of installing the Cusco Oil Catch tank to your engine.

**Method 1.) Atmospherically vented layout (typical)**

**Method 2.) In-line placement with existing PCV**


Conventionally, all Cusco Oil Catch Tanks are installed so that the clean air is vented into the atmosphere. If any drops in engine idle speed is experienced with the atmospheric vent layout (Method 1); please reinstall the oil catch can with the In-line layout (Method 2).

Method 2 will require separate purchase of the Cusco Hose Kit of 00B 009 A09 (9mm hose) or 00B 009 A15 (15mm hose). The Method 2 installation is also included in this installation manual.

**Preparation:** Refer to Figure 1.

**[ Method 1 Installation: Vent to atmosphere ]**

1.) Locate an open area inside the engine bay to mount the oil catch tank.

 Do not place oil catch tank near rotating objects such as fan belts and heated components such as the exhaust area.

2.) Install main bracket onto oil catch tank by using the included M6 x 25 bolt and M6 raised nut and temporarily bolt down the oil catch tank inside the engine bay using the remainder of the brackets. Once the location has been decided, hand torque the nut/bolt using a wrench.

3.) Remove one end of the factory blow-by hose from engine valve cover.

4.) Cap off the opening of this hose by using the included stop plug and tuck the hose away to a secure area where it will not conflict with any normal engine operation.

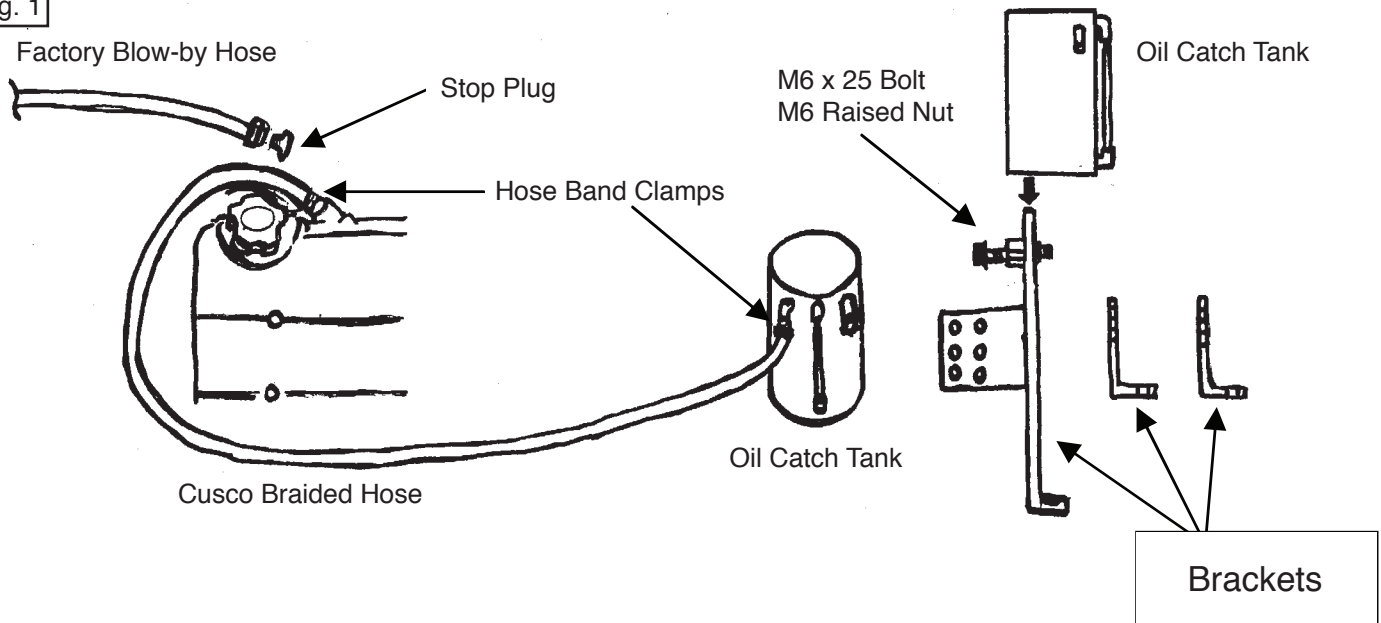
5.) Install the included braided hose to the valve cover opening and secure it with the hose band clamp. Make sure there is enough slack when cutting the braided hose to the desired length.

6.) Install the other open end of the braided hose to the oil catch tank and secure it with the hose band clamp.

7.) Use the included zip ties to secure the hose away from making contact with any moving components.

**Basic Oil Catch Tank Diagram**  
**[ Method 1: Vent to Atmosphere ]**

**Fig. 1**



**Preparation:** Refer to Figure 2

**[ Method 2 Installation: Oil Catch tank Routed In-line with PCV ]**

1.) Locate an open area inside the engine bay to mount the oil catch tank.

⚠ Do not place oil catch tank near rotating objects such as fan belts and heated components such as the exhaust area.

2.) Install main bracket onto oil catch tank by using the included M6 x 25 bolt and M6 raised nut and temporarily bolt down the oil catch tank inside the engine bay using the remainder of the brackets. Once the location has been decided, hand torque the nut/bolt.

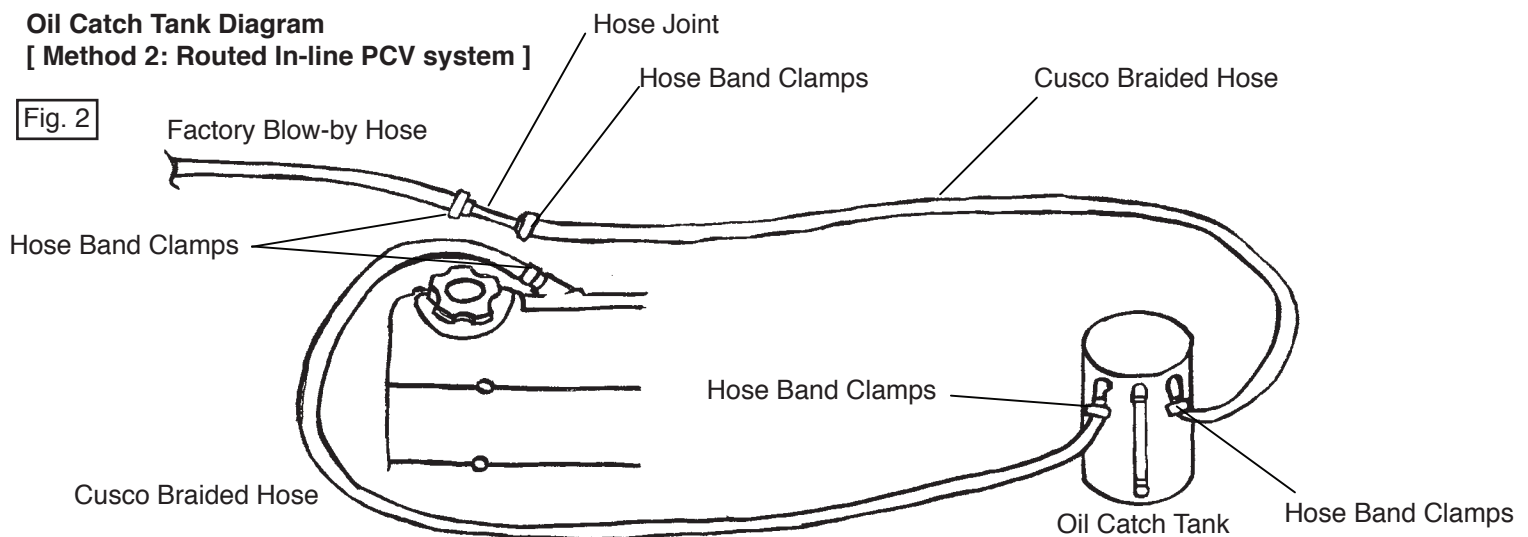
3.) Remove one end of the factory blow-by hose from engine valve cover.

4.) Insert the included hose joint to the open end of this factory hose to the Cusco braided oil line. Use 2 of the included hose band clamps to secure the joint. Make sure there is enough slack when cutting the braided hose to the desired length.

5.) Insert the open end of the braided hose to the oil catch tank opening and secure it with the hose band clamp.

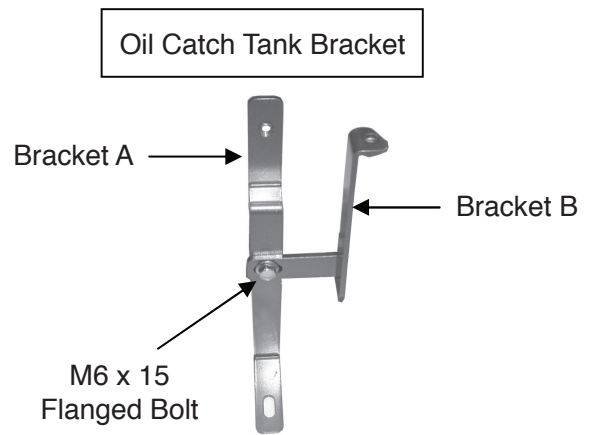
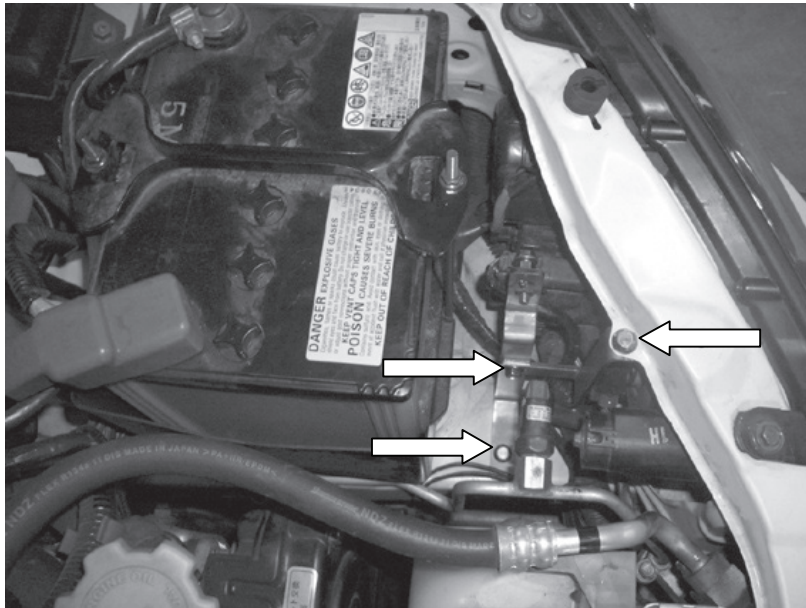
6.) Install the remaining hose from the other open valve of the oil catch tank to the valve cover opening. Secure both ends with the hose band clamp.

7.) Use the included zip ties to secure the hose away from making contact with any moving components and away from heated components such as exhaust manifolds.

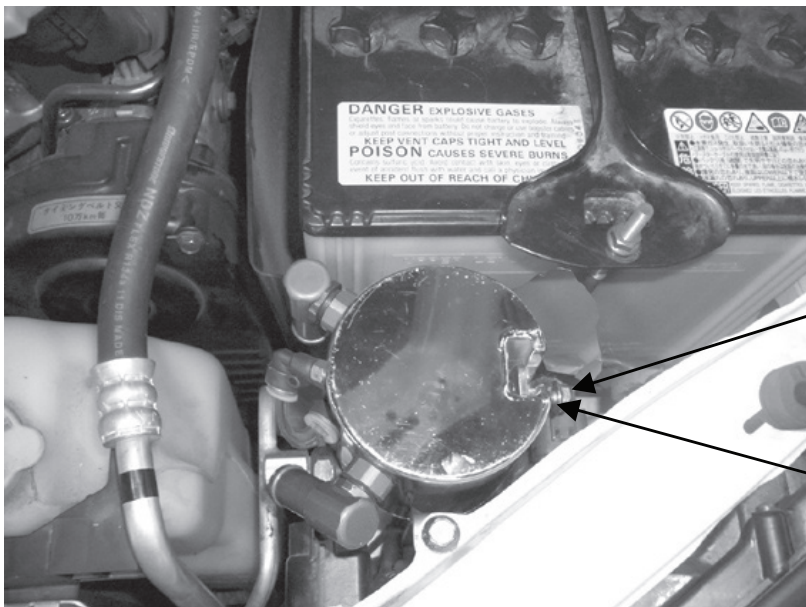


[Procedure]

- 1.) Install the assembled bracket between the battery and headlight inside the engine bay area by using the 3 included M6 x 15 bolts.



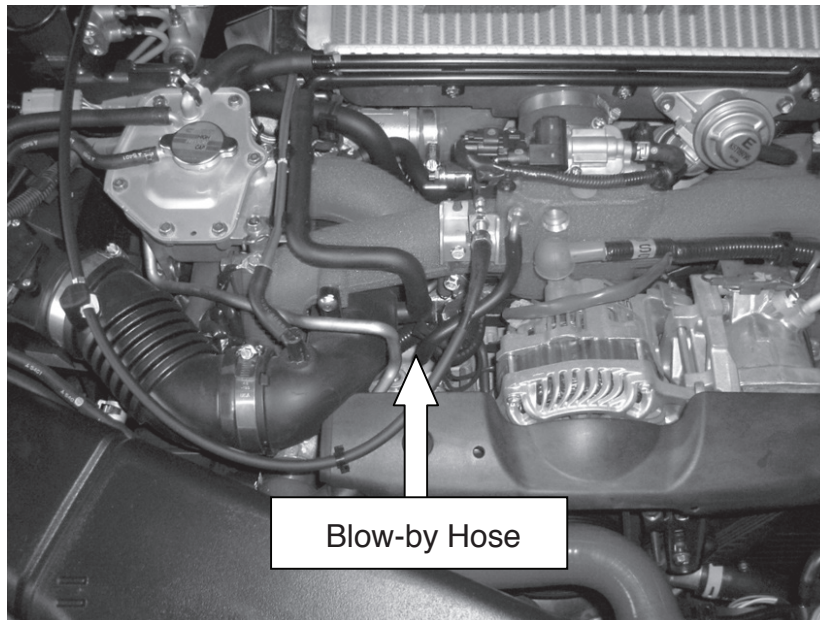
- 2.) Secure the oil catch tank to the bracket by using the M6 x 25 Flanged Bolt + M6 Nut.



M6 x 25 Flanged Bolt

M6 Nut

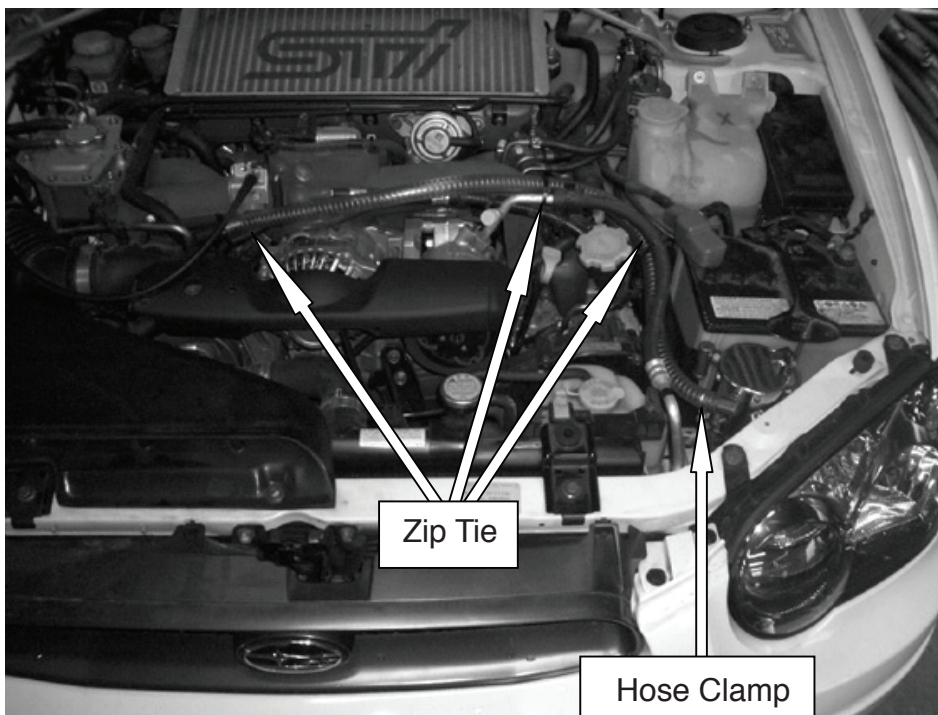
- 3.) Unplug factory blow-by hose from the air intake tube.



- 4.) Plug the intake air tube hole with the included rubber plug.
- 5.) Attach the Cusco braided teflon line to the factory blow-by hose by using the hose joint and secure with the hose clamp.

**! WARNING** Use caution when working around any electrical components relating to the throttle. Make sure that the Cusco Teflon Braided Hose does not interfere with any of the electrical/mechanical throttle control.

- 6.) Route the Teflon Braided Hose to the oil catch tank. Make sure that this hose does not interfere with any moving / rotating engine components. Attach hose to oil catch tank with included hose clamps.
- 7.) Use the included Zip Ties to secure the Teflon Braided hose to stable engine components.



⚠ Following Installation

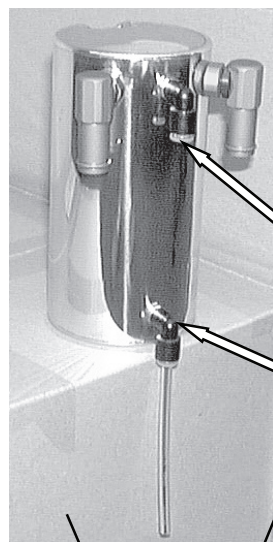
Check for the following points before starting the engine.

- 1.) Make sure no tools or components have been left inside the engine bay area.
- 2.) The transmission is in neutral gear for manual, and in the Park position for automatic.
- 3.) The vehicle is not on a lift, jacks, or jack stands. All 4 wheels must be on the ground.

⚠ Further Notes

- Re-torque all nuts and bolts periodically after driving the vehicle.
- Stop vehicle operation when any abnormal noise or characteristic appears. Pull over vehicle to a safe area and have a professional inspect the cause of the problem.
- Do not reuse any damaged product. Always replace with a new unit.
- Check local laws and race regulations before installing product. This product is made for off-road use only.
- Do not use this product in sub freezing conditions. Fluids inside the braided hose may become frozen, preventing proper operation of this product.
- Periodically retorque all nuts and bolts after vehicle use.

Draining the Oil Catch Tank



Press in the blue plastic and gently pull off clear hose. Insert back the clear hose when finished draining.

Swivel joints

Drain into EPA approved container and dispose the oil properly