



INSTALLATION INSTRUCTIONS

MITSUBISHI EVO 4-6 PCV CATCH CAN KIT

P/N: 20-1333-FL

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20-1333-FL			
ITEM DESCRIPTION	QTY	ITEM DESCRIPTION	QTY
CATCH CAN, FLUID LOCK, PREASSEMBLED	1	SPRING CLAMP, 5/16IN HOSE	4
BRACKET, PCV, EVO 4-6	1	CABLE ZIP TIE, 10IN, BLACK	3
5/16IN SAE FEMALE TO 5/16IN BARB, 90DEG	2	5/16IN PCV/FUEL HOSE	5FT
10AN ORB BANJO TO 5/16IN SAE MALE	2	CATCH CAN SERVICE INTERVAL STICKER	1

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	10mm Wrench	<p>NOTES:</p> <p>a. The terms "driver-side" and "passenger-side" will NOT be referenced. As depicted, these instructions will always reference "LH" and "RH" areas of the vehicle.</p> <p>b. Lubricate all O-rings with engine oil prior to installation.</p> <p>c. Pop the hood and allow the engine to cool before proceeding.</p> <p>d. Disconnect the battery negative terminal. CAUTION: Disconnecting the battery may cancel fault memories of some control units.</p>	

2	Pliers	Find the PCV valve on the backside of the valve cover. Squeeze the spring clamp and slide it down the hose just enough to pull and free the hose off the PCV valve.	
3	Pliers	Follow the PCV hose down to the intake manifold port. Squeeze the spring clamp and slide it up the hose just enough to pull and free the hose off the barb. The OEM hose and springs clamps (shown) will NOT be reused.	
4	Hose Cutter	Cut a 32" (813mm) long section from the 5/16" (5AN) PCV hose. NOTE: Once this hose is routed in the engine bay, it will be cut to length in a later step. Roughly another 8" (203mm) will be taken off.	
5	Pliers Oil Lubrication	As shown, slide one of the included spring clamps over one side of the hose. Using a small dab of oil, lubricate the inside of the hose and the outside of the intake manifold barb.	
6	Pliers	Slide the hose over the intake manifold barb. This will take a little bit of force. As shown, secure the spring clamp.	
7	Pliers Oil Lubrication	Grab the other (left over) hose. As shown, slide another spring clamp over one side of this hose. Using a small dab of oil, lubricate the inside of the hose and the outside of the PCV valve barb. NOTE: Once this hose is routed in the engine bay, it will be cut to length in a later step. Roughly another 8" (203mm) will be taken off.	

8	Pliers	Slide the hose over the PCV valve barb. This will take a little bit of force. As shown, secure the spring clamp.	
9	14mm Socket Wrench	Remove the two M10x1.5mm screws that secure the OEM strut tower brace to the firewall.	
10	Oil Lubrication 4mm Allen Wrench	Lubricate the O-ring on one of the 5/16" SAE quick connect banjo fittings. As shown, secure the fitting to the catch can side port.	
11	Thread Locker	Apply a medium-strength thread locker to the eight provided M5x0.8mm flat head screws.	
12	3mm Allen Wrench	Position the catch can into the mounting bracket and secure the screws.	
13	Oil Lubrication 4mm Allen Wrench	Lubricate the O-ring on the other 5/16" SAE quick connect banjo fitting. As shown, secure the fitting to the catch can top port.	

14	14mm Socket Wrench Lineup the catch can assembly to the two M10x1.5mm threaded holes in the firewall. Using the OEM screws, secure the catch can assembly.	
15	Oil Lubrication Find the two 5/16" SAE quick connectors in the kit. Lubricate the internal O-rings and press them into the male fittings into they lock in place. Orient the fittings as shown.	
16	Hose Cutter Route the hose from the intake manifold port to the catch can side port fitting. Cut the hose to length allowing for engine movement. Now route the hose from the PCV valve to the catch can top port fitting. Cut the hose to length (as shown) allowing for engine movement.	
17	Pliers Oil Lubrication Slide the other 2 provided spring clamps over each hose. Remove the SAE quick connectors from the catch can. Lubricate the O-ring and barbs, as shown.	
18	Pliers Fully insert the 5/16" SAE quick connectors into the each hose. As shown, secure with the spring clamps.	
19	Install the hose from the intake manifold port to the catch can side port fitting until the 5/16" SAE quick connector locks in place. Install the hose from the PCV valve to the catch can top port fitting until the 5/16" SAE quick connector locks in place.	

20	<p>Cutter</p> <p>As shown, secure the PCV hoses together using the included cable zip ties.</p>	
21	<p>Start the engine and check for any leaks or errors.</p> <p>INSTALLATION COMPLETE</p>	
SERVICING	<p>It is recommended to check catch can fluid level every 5,000 miles (8,000km). It may be necessary to check more frequently in extreme cases.</p> <p>Catch can contents can be monitored using the dipsticks. When collected fluid reaches a certain level, a float ball in the catch can will block the passage into the collection chamber and the catch can will not collect any additional fluid.</p> <p>To empty, unscrew the bottom half of the catch can. Carefully drain contents into an oil-safe container and dispose of in the same manner as used motor oil. Contents may also be drawn out through the dip stick hole using a hand vacuum pump and a straw.</p>	