

# INSTALLATION INSTRUCTIONS

## DUAL OIL CATCH CAN KIT

### 2008-2013 LAMBORGHINI GALLARDO LP

Kit # 20-0859-FL


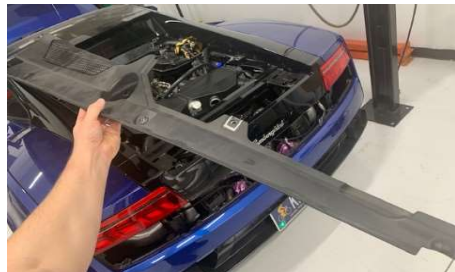




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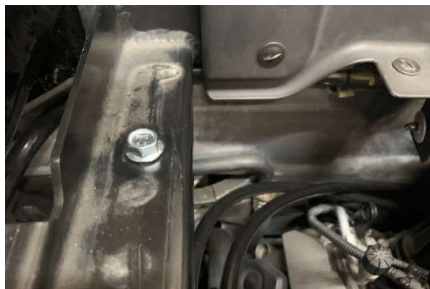

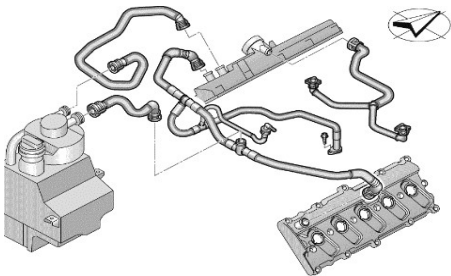



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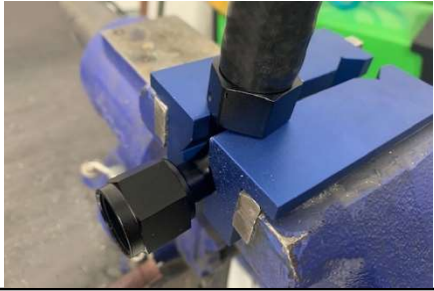



Item Description	Qty	Item Description	Qty
Bracket, Catch Can, Gallardo	1	PUSHLOK HOSE END, 8AN 45DEG	1
Catch Can, Fluid Lock 2, Preassembled	2	PUSHLOK HOSE END, 10AN STRAIGHT	1
3/8 PCV/FUEL HOSE	4	PUSHLOK HOSE END, 10AN 90DEG	1
1/2 PCV/FUEL HOSE	5	10AN MALE TO BMW VENT FEMALE	1
5/8 PCV/FUEL HOSE	2.5	PUSHLOK HOSE END, 10AN 60DEG	2
10AN ORB TO 8AN MALE FITTING	1	CONNECT, 19MM MALE TO 10AN MALE 90DEG	1
10AN ORB TO 10AN MALE FITTING	1	10AN ORB SWIVEL BANJO TO 6AN MALE	1
PUSHLOK HOSE END, 6AN 45DEG	1	10AN ORB SWIVEL BANJO TO 10AN MALE	1
HHCS, M8 x 1.25, 30mm Long	1	Nylon Elbow, 90 Deg, for 1/2" hose, Black	1
M8 Flange Nut	1	HHCS, M8 x 1.25, 20mm Long	3
CATCH CAN SERVICE INTERVAL STICKER	1		







STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1		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>FRONT</p> <p>LH SIDE RH SIDE</p> <p>REAR</p>

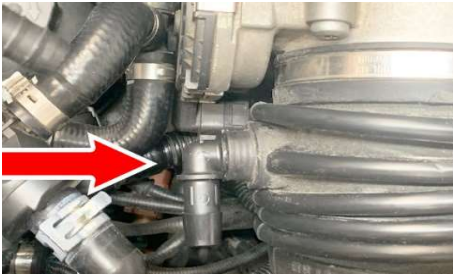





2	10mm Socket Wrench	Disconnect the negative battery terminal.	
		CAUTION: Disconnecting the battery may cancel fault memories of some control units. Consequently, before disconnecting the battery, always cross examine any fault memories.	
3	Flat Head Screwdriver	Remove the RH and LH vanity covers.	
4	13mm Socket	Remove the rear deck lid.	
5	Oil Lubrication	Install the 10AN and 8AN adapter fittings to the catch can side ports. Be sure to prelubricate the O-rings.	
	1" Wrench		
	3mm Allen Wrench	Install the 8AN catch can to the soon to be "outer" catch can location on the mounting bracket. Install the 10AN catch can to the soon to be "inner" catch can location on the mounting bracket. Use a drop of medium strength thread locker for each flat head screw.	
	Thread Locker		
6	10mm Socket	Unscrew the oil dipsticks.	
	4mm Allen Wrench	Install the 6AN swivel banjo fitting to the catch can with the 8AN fitting. Install the 10AN swivel banjo fitting to the catch can with the 10AN fitting. Be sure to prelubricate the O-rings.	
	6mm Allen Wrench		
7	T30 Torx	Remove the 2 outer bolts from the LH deck lid mount.	

8		Temporarily hand tighten the provided long M8x1.25mm bolt into the frontmost LH deck lid mount threaded boss, as shown.	
9	T30 Torx	<p>Lineup the catch can assembly bracket to the 3 mounting locations. Hand tighten the provided nut to the included bolt.</p> <p>As shown, tighten the two T30 Torx bolts.</p>	
10		Use this plumbing schematic as a reference to understand the OEM positive crankcase ventilation system.	
11		Find the crankcase breather inlet on the RH convoluted intake coupler.	
12		Pry and remove the OEM pinch clamp loose. Pull the connection free.	
13		Find the PCV valve connector on the LH valve cover. To release, squeeze to release the locks and pull away.	






14	Oil Lubrication	Insert the black fitting into the valve cover port.	
	2.5mm Allen Wrench	Slide the green lock into position. Lineup the holes of the lock with the threaded holes in the fitting. Secure the lock with the provided M3 x 0.5 x 5mm screws, as shown.	
15	Hose Cutter	Cut the provided 5/8" (10AN) hose into a 12" (305mm) and a 18" (457mm) section.	
16	Oil Lubrication	Lubricate the PushLok barbs on the included 10AN 90 degree hose end.	
		As shown, fully seat the 18" long section of 5/8" hose to the 90 degree hose end.	
		NOTES: 1. PushLok hose ends do NOT require hose clamps. 2. Aluminum vice jaws and -AN wrenches are recommended to prevent surface finish marring.	
17	Hose Cutter	Loosely thread the 90 degree 10AN hose end to the 10AN valve cover adapter fitting. Loosely thread one of the provided 10AN 60 degree hose ends to the inner catch can top port fitting.	
		Route the hose between the hose ends allowing room for engine movement. Cut the hose to length. Depending on the application, the hose will be roughly 16" (406mm) long.	
18	Oil Lubrication	Lubricate the PushLok barbs on the included 10AN 60 degree hose end.	
		As shown, fully seat the 60 degree hose end to the opposing side of the hose with the 90 degree hose end.	
		NOTE: PushLok hose ends do NOT require hose clamps.	
19	1" Wrench	Loosely thread the 60 degree hose end to the catch can top port fitting. Do not tighten this connection until later.	
		After confirming fitment, tighten the 90 degree hose end only.	

20	Oil Lubrication	Press the 10AN adapter fitting (shown) into the OEM PCV hose until it "clicks" in place.	
21	Oil Lubrication	Lubricate the PushLok barbs on the other 10AN 60 degree hose end.	
		As shown, fully seat the 12" long section of 5/8" hose to the 60 degree hose end.	
		NOTE: PushLok hose ends do NOT require hose clamps.	
22	Hose Cutter	Loosely thread the 60 degree 10AN hose end to the aforementioned 10AN male fitting. Loosely thread the provided 10AN straight hose end to the inner catch can side port fitting.	
		Route the hose between the hose ends allowing room for engine movement. Cut the hose to length. Depending on the application, the hose will be roughly 10.5" (267mm) long.	
23	Oil Lubrication	Lubricate the PushLok barbs on the included 10AN straight hose end.	
		As shown, fully seat the straight hose end to the opposing side of the hose with the 60 degree hose end.	
		NOTE: PushLok hose ends do NOT require hose clamps.	
24	1" Wrench	Tighten all hose ends.	
	1-1/4" Wrench		
25		For the hoses that can still move and/or swivel, manipulate them to an ideal fitment orientation. Be sure to keep them away from hot areas or moving components.	
		The PCV catch can installation is done.	

26	Oil Lubrication	If still using the OEM intake system, insert one side of the provided 90 degree elbow barb fitting into the RH convoluted coupler, as shown.	
		NOTES:	
		1. It is recommended to lubricate this connection.	
		2. This connection does NOT require a hose clamp.	
27	Oil Lubrication	Lubricate the PushLok barbs on the included 8AN hose end.	
		As shown, fully seat the 1/2" hose to the hose end.	
		NOTE: PushLok hose ends do NOT require hose clamps.	
28		Loosely thread the 8AN hose end to the outboard catch can's side port fitting. As shown, rotate the hose end so the hose points away from the engine.	
29	Hose Cutter	Route the hose towards the air intake. NOTE: for aftermarket turbocharged applications, this connection cannot be at the throttle body. It must be located upstream of the turbo compressor on the air filter pipe. The long hose is specifically for these setups. Before cutting the hose to length, be sure to allow slack for engine movement.	
	Oil Lubrication		
30	Oil Lubrication	Lubricate the PushLok barbs on the included 6AN hose end. As shown, fully seat the 3/8" hose to the hose end. NOTE: PushLok hose ends do NOT require hose clamps.	
		Loosely thread the 6AN hose end to the outboard catch can's top port fitting. Rotate the hose end so the hose points away from the engine.	
31	Hose Cutter	Route the hose towards the crankcase vent elbow. The hose will be roughly be 42" (1,067mm) long. Be sure to allow slack for engine movement.	
	Oil Lubrication		



32	7/8" Wrench	Tighten all hose ends.	
	11/16" Wrench		
33	10mm Socket Wrench	Reconnect the battery and start the engine.	
		Confirm there are no leaks.	
34	13mm Socket Wrench	Remove the temporary long M8x1.25mm bolt/nut that fastens the catch can bracket to the LH deck lid mount. Reinstall the deck lid using this bolt along with the 3 other shorter replacement bolts. Afterwards, be sure to reinstall the catch can bracket nut (shown) to the long bolt.	
		Reinstall all other components in reverse order.	
		<b>INSTALLATION COMPLETE</b>	
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 cases of extreme use.</p> <p>Catch can contents can be monitored using the dipstick.</p> <p>The contents can be emptied by one of three ways:</p> <ol style="list-style-type: none"> <li>1. Unscrewing the bottom half of the catch can and dumping out the collected fluid.</li> <li>2. Extracted through the dipstick hole using a hand vacuum pump and straw.</li> <li>3. A remote drain hose can be installed on the bottom of the catch can (P/N 20-0024)</li> </ol> <p>Carefully drain contents into an oil-safe container and dispose in the same manner as used motor oil.</p>		