



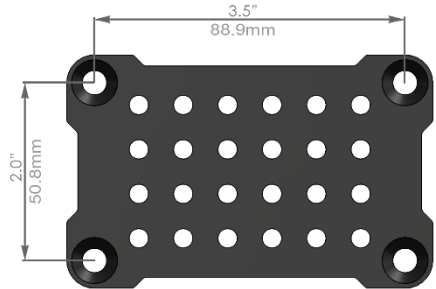
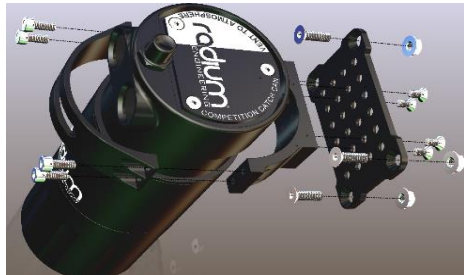
INSTALLATION INSTRUCTIONS





VTA COMPETITION CATCH CAN

Document: 19-0304
Support: info@radiumauto.com

CATCH CAN SERVICING

- Check the oil catch can dipstick regularly.
- All vehicles are unique and will accumulate contaminants at different rates.
- Unscrew the bottom portion of the catch can.
- Properly dispose of the contents as needed.
- Do NOT return the contents back into the engine.
- The stainless steel media can be cleaned with a degreaser.

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1		These Radium catch cans are designed to vent-to-atmosphere (VTA). They have 2 "inlet" ports (shown blue) and one large outlet vent (shown yellow). A PCV valve can NOT be used with a VTA catch can. However, a PCV valve can still be used in the ventilation system as long as it is still connected to the intake manifold.	
		The ports are tapped with 7/8"-14 threads and compatible with 10AN ORB fittings. Hoses will need to be constructed that route from the valve cover(s) and/or a crankcase vent to these ports.	
2	Oil Lubrication	Adapter fittings are not provided. Go to www.radiumauto.com to find a wide array of 10AN ORB fitting configurations, sizes, and styles. Before installing, make sure to lubricate the O-rings.	
		NOTES: 1. If the engine only has one vent, a 10AN ORB plug should be used on either one of the catch can threaded ports. 2. Aluminum wrenches are recommended to prevent surface marring on anodized finishes.	
3	4mm Allen Wrench	For catch can mounting, find a suitable location away from hot engine parts which impede the phase change process. The catch can should be mounted vertical allowing contaminants to collect in the lower section. Four M6x1mm flat head screws and flange nuts are included for securing to the vehicle.	
	10mm Wrench		
4		Shown is an exploded view of how the hardware can be assembled.	

5	Threadlocker	Apply a medium-strength threadlocker (not included) to all loose screws.	
	4mm Allen Wrench		
	3mm Allen Wrench		
	10mm Wrench		
6	4mm Allen Wrench	Once assembled, the mounting clamps permit the catch can to be rotated 360 degrees (as depicted).	
7	2.5mm Allen Wrench	The condenser media should also be inspected occasionally for excessive debris which will cause restriction in the crankcase ventilation system. As shown, remove to top deflector and the lower section.	
8	2.5mm Allen Wrench	As shown, flip the catch can over and remove the lower baffle. The stainless steel media will not corrode and can be cleaned in a parts washer or using soapy water.	
9	5/8" or 16mm Wrench	Catch can servicing a. As shown, check the oil catch can dipstick regularly. b. All vehicles are unique and will accumulate contaminants at different rates. c. Unscrew the bottom portion of the catch can. d. Properly dispose of the contents as needed. e. Do NOT return the contents back into the engine.	