



INSTALLATION INSTRUCTIONS

COOLANT TANK KIT

BRP/CAN-AM/SKI-DOO/SEA-DOO

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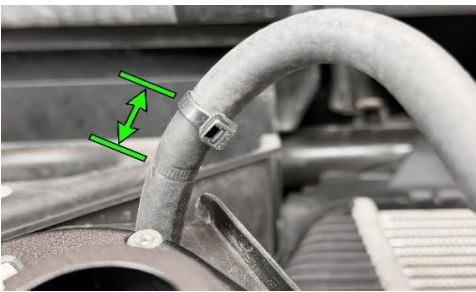
NOTES:

- o Installation to be performed on engines that are completely cooled down.
- o Do NOT perform installation on a hot engine.
- o It is NOT necessary to drain the coolant system before installation.

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	Thread Locker	Apply a medium-strength thread locker to the 4 flat head screws included in the kit. Install the 2 mounting brackets in the orientation shown.	
	3mm Allen Wrench		
2	Oil Lubrication	Find the 10AN ORB plug and the 10AN ORB to 3/4" barb adapter fitting included in the kit. Lubricate the O-rings and secure the fittings to the bottom of the coolant tank in the port locations shown.	
	3/8" Allen Wrench		
	1" Wrench		
3	Oil Lubrication	Find the provided 6AN ORB to 6.5mm barb banjo fitting. Lubricate the O-ring and secure the banjo fitting to the top port of the coolant tank.	
	4mm Allen Wrench		
4	Pliers	NOTES: 1. Hot coolant will be pressurized. Prior to working on the vehicle, be sure the engine is completely cold. 2. Because steps can differ depending on the specific type of vehicle, the exact coolant tank installation process varies. As shown, loosen the spring clamp and remove the overflow tube.	

5		The upper coolant inlet hose is secured using a non serviceable pinch clamp. To remove this hose, this clamp will need to be pryed off and permanently destroyed, as shown.	
6		To unseat the coolant tank, push and hold the outer plastic tabs inwards (red arrows). Now pull the coolant tank upwards (blue arrow). Because the coolant tank will still be attached to the lower outlet tube, rest the tank nearby.	
7		The lower coolant outlet hose is secured using non serviceable pinch clamps. To remove this hose, these clamps will need to be pryed off and permanently destroyed, as shown.	
8	Bucket	Remove the large coolant outlet hose. Have a drain bucket/pan handy to catch all of the coolant when the tank is disconnected.	
9		The large OEM coolant outlet hose will be reused.	
10	Screwdriver	Slide the hose back onto the plastic OEM barb. Secure the hose using one of the provided large clamps.	

11		Slide the other large clamp onto the large OEM coolant hose. Make sure this clamp is loose.	
12		Slide the new assembled coolant tank down into the slots.	
13	Screwdriver	Lineup the large OEM coolant hose to the large barb on the bottom of the new coolant tank.	
		Secure the large clamp.	
14	Pliers	Optionally the OEM overflow hose can be reused, as shown.	
15		Alternatively, use the provided 7/32" hose. Insert one end to the overflow barb. Route the hose down where the OEM hose was located.	
		NOTES:	
		1. No hose clamp is necessary.	
		2. Keep the hose away from hot areas and any moving components. If necessary, cut this hose to length.	
16	Hose Cutter	For the coolant tank inlet hose, it may be ideal to cut the OEM hose a little shorter.	
	Pliers	Slide the OEM coolant tank hose over the inlet fitting barb and secure using the provided spring clamp.	

17		The OEM inlet hose might have a cable zip tie that prevents it from sitting nicely with the new coolant tank. If this is the case, slide the cable zip tie up, as shown.	
18		Find the sheet metal coolant tank bracket provided in the kit. This prevents the coolant tank from sliding up out of its position. NOTE: Depending on the vehicle, this may need to be altered.	
19	Marker		
20	Drill 1/8" (3mm) Bit	Remove the bracket and drill 3 holes.	
21	Screwdriver	Use the provided self-tapping screws to secure the bracket in place.	
22	Recycled Coolant	In most cases, the recycled coolant can be reused.	

23	New Coolant	If needed, add BRP XPS extended life pre-mix coolant to the halfway point displayed in the clear sight glass.	
		NOTES:	
		1. Ideally the coolant tank should be full when the engine is fully warmed up and the coolant expands.	
		2. If the tank ever becomes too full, the radiator cap will open and allow excess to drain out of the overflow tube to self regulate.	
24		Install the OEM 1.1 bar pressure cap.	
25		NOTE: Radium Engineering caps are available with different pressure relief ranges for optimal performance (1.5 bar shown).	
		Start the vehicle and let the engine reach operating temperature. Check for leaks. The coolant tank may need to be refilled after the thermostat has opened and all air has been discharged from the system.	
		INSTALLATION COMPLETE	