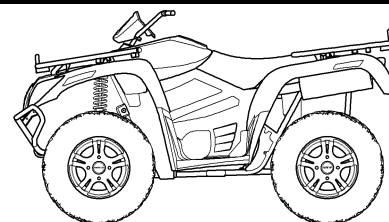


Arctic Cat® ATV

Installation Instructions - Accessory Kit

Speedrack Rack-Mounted Sprayer Kit (p/n 1436-605)



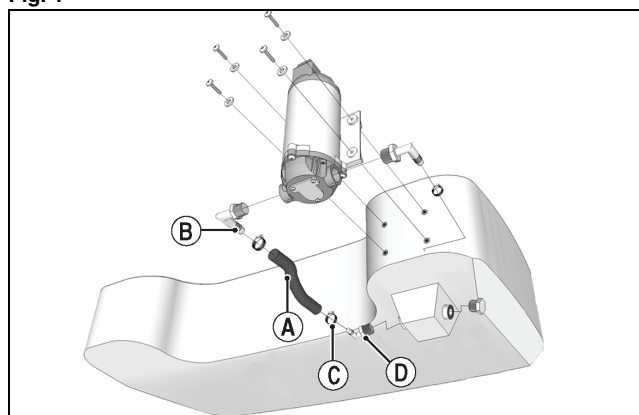
■ **NOTE:** Read these installation instructions thoroughly before beginning the installation process. Retain these Installation Instructions for future reference.

Kit includes:

p/n	QTY	DESCRIPTION
2411-068	1	Tank
2441-035	1	Manifold
2441-056	1	Pump
2441-049	2	One Hole Clamp
2441-065	1	Strainer
2441-069	1	Tank Cover
2441-059	2	Speedrack Mount
2441-015	1	Harness
2441-019	1	Hose Barb Elbow (1/2 x 3/8)
2441-021	1	Hose Barb Elbow (1/4 x 3/8)
2441-022	1	Hose Barb Elbow (3/8 x 1/2)
2441-023	1	Hose Barb Elbow (3/8)
2411-039	1	Nipple
2441-052	1	Pipe Plug
2441-024	1	Hose Carrier
2441-014	1	Gauge (60 PSI)
2441-062	1	Spray Wand
2441-026	2	Hose Clamp (#5)
2441-025	6	Hose Clamp (#4)
2441-027	2	Lock Pin
2441-005	4	Machine Screw (5/16 x 1/2)
2441-030	4	Machine Screw (4/40 x 1 7/8)
2441-010	8	Flat Washer (4/40)
2441-047	4	Nyloc Nut (4/40)
2441-032	4	Machine Screw (10/24 x 1/2)
2441-031	4	Machine Screw (10/24 x 1)
2441-036	1	Manifold Bracket
2441-020	1	Hose Barb Elbow (1/2)
2441-063	2	Spray Wand Clips
2441-060	1	Spray Hose (3/8)
2441-018	2	Hose Barb Cap (3/8)
2441-011	4	Flat Washer (10/24)
2441-066	1	Suction Hose (1/2)
2441-055	1	Pressure Line (3/8)
0453-708	1	Instruction

1. Position Tank onto the rear rack and secure using two Pins.
2. Secure Pump to the front left-side of tank using four Machine Screws (10/24 x 1-in.) and four Flat Washers. Tighten securely.
3. Connect Suction Hose (A) (precut in kit) to pump from bottom of the tank using one Hose Barb Elbow (1/2) (B), Hose Barb Elbow (3/8 x 1/2) (D) and two Hose Clamps (C). See Fig. 1.

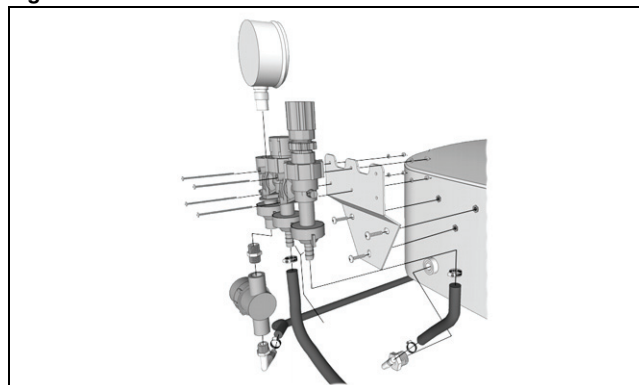
Fig. 1



ATV-3035A

4. Secure Manifold Bracket to back of tank using three Machine Screws; then attach Manifold to manifold bracket using four machine screws, eight flat washers, and four Nylock Nuts. See Fig. 2.

Fig. 2

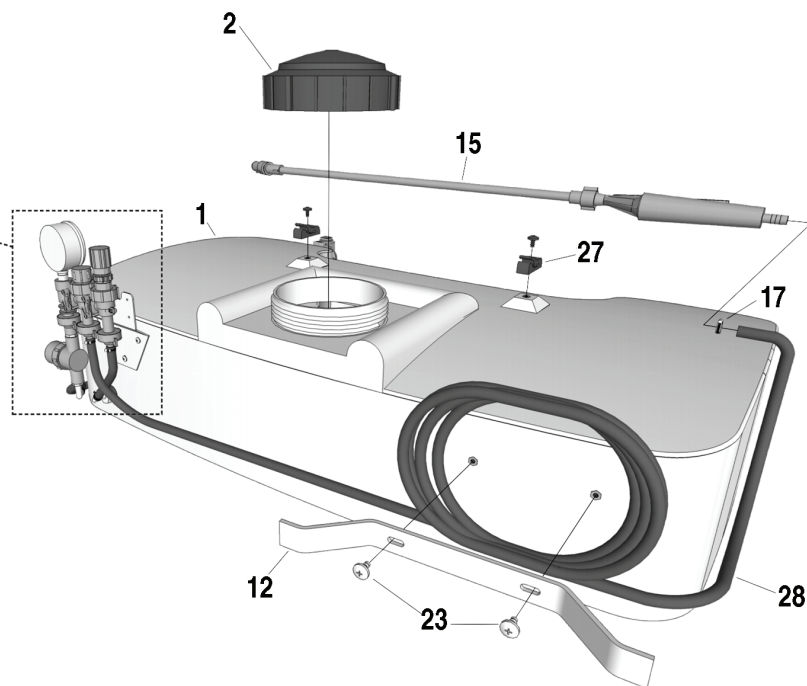
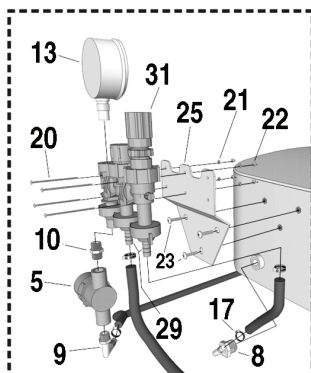
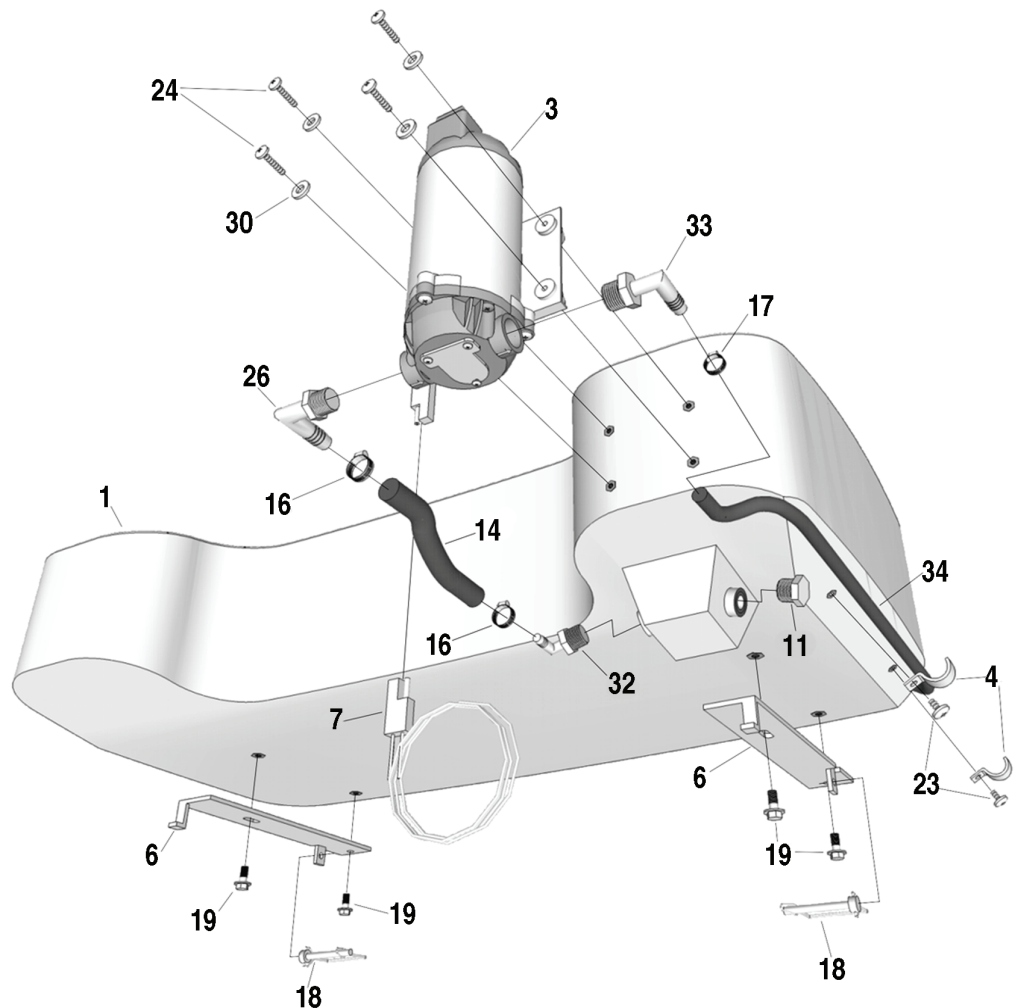


ATV-3027

5. On the bottom of the Manifold below the gauge port, install the Nozzle Cap; then install close nipple to the nozzle cap.
6. Install the discharge side of Strainer on the close nipple and on the inlet side of strainer install a Hose Barb Elbow (1/4 x 3/8).
7. Connect pressure line from pump to the strainer using two hose clamps; then use two One Hole Clamps on the underside of the tank to secure hose.
8. Connect Wand Hose to the red valve body; then connect Spray Wand to the end of the hose using hose clamps (#4) on each end.
9. Secure Hose Carrier to the tank using two Machine Screws (10/24 x 1/2).

Key

1. Tank
2. Tank Cover
3. Pump
4. One Hole Clamp
5. Strainer
6. Speedrack Mount
7. Harness
8. Hose Barb Elbow (1/2 x 3/8)
9. Hose Barb Elbow (1/4 x 3/8)
10. Nipple
11. Pipe Plug
12. Hose Carrier
13. Gauge (60 PSI)
14. Suction Hose (1/2)
15. Spray Wand
16. Hose Clamp (#5)
17. Hose Clamp (#4)
18. Lock Pin
19. Cap Screw (5/16 x 1/2)
20. Manifold Machine Screw (4/40 x 1 7/8)
21. Flat Washers (4/40)
22. Nut
23. Machine Screw (10/24 x 1/2)
24. Machine Screw (10/24 x 1)
25. Manifold Bracket
26. Hose Barb Elbow (1/2)
27. Spray Wand Clips
28. Spray Hose (3/8)
29. Cap (3/8)
30. Flat Washers (10/24)
31. Manifold
32. Hose Barb Elbow (3/8 x 1/2)
33. Hose Barb Elbow (3/8)
34. Pressure Line (3/8)



SAFETY PRECAUTIONS

- Product knowledge is the first step to safety.
- Read all instructions carefully.
- Always wear protective equipment when handling dangerous chemicals.
- Never let children operate sprayer or handle chemicals.
- Repair any loose or leaking fittings and hoses immediately.
- Avoid spraying in windy conditions.
- Never use sprayer for anything other than its original intentions.
- Follow applications and rate charts carefully.
- For precautionary reasons, know first aid treatments for any dangerous material you may handle.

WARNING

Take all necessary precautions when handling chemicals. Wear coveralls, safety vest, boots, hat, gloves, respirator, and goggles. Wash coveralls, etc., daily. DO NOT spray upwind or on windy days. Avoid waste of chemicals.

- Flush unit with clean water and ammonia after every use.
- Never leave chemical or water in tank after use.

■ **NOTE: Freezing will cause cracking of components.**

To winterize, do the following:

1. Drain all water from tank by removing flush plug.
2. Remove hoses from pump.
3. Remove nozzle caps and loosen diaphragms.
4. Remove and drain filter bowl.
5. Disconnect hoses from valve bodies.
6. Pump RV antifreeze through the sprayer.

■ **NOTE: Antifreeze may be left in the sprayer over the winter. This will not damage the sprayer.**