

INSTALLATION

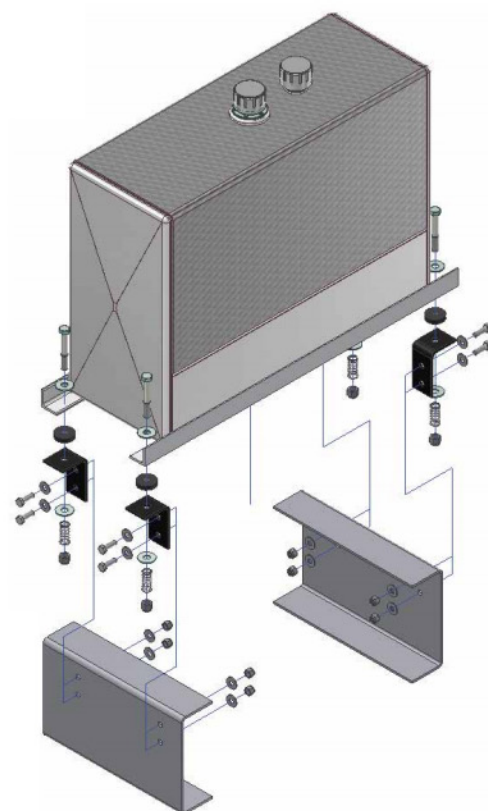
American Wet Tank System Models: A3000 & A4000

Mounting Kit Contents: Part Number ASK-200

QTY	DESCRIPTION
4	Pre-drilled and powder-coated chassis mounting angles
4	Pre-drilled rubber mounting pads
4	2" plated compression springs
4	Cap screws: 5/8" - 11 x 4 1/4" (grade 5)
4	Nyloc nuts: 5/8" - 11
8	Plated flat washers: 5/8"

Materials Required to Complete Installation:

QTY	DESCRIPTION
8	Cap screws: 1/2" (grade 5) *length determined by installer
8	Nyloc nuts: 1/2" diameter
16	1/2" washers



Pre-Packaged Kit Includes:

Steel or aluminum tank assembly with (2) 1 1/4" screw-in NPT bottom ports, filler/breather assembly including a 40-micron filtered breather cap (chain-mounted), auxiliary vent and an ASK-200 mounting kit.

This wet tank assembly has been designed for use as a two- or three-line system.

INSTALLATION

American Wet Tank System Models: A3000 & A4000

Installation Instructions:

1. Position tank assembly on frame rails of the truck chassis as desired.
2. Position chassis mounting angles so that the double pre-drilled holes are positioned against the frame rail and the single 11/16" hole is positioned upward against the mounting angle base.
(see diagram at right) Note: The top of the mounting angle should be flush with the top of the chassis rail as shown.
3. Using the pre-drilled mounting angles as a guide, mark both the frame rail and tank mounting angles. Chassis requires the use of a 9/16" drill bit while the mounting base requires an 11/16" drill bit. Drill holes and bolt the four chassis mounting angles into place.
4. Place rubber mounting pads on top of four chassis mounting angles.
(see diagram at right) Note: The rubber pads should be above the top of the frame rails.
5. Reposition tank over pads and angles, install bolts and springs as shown in exploded view. (see diagram at right)
6. National Pipe Thread port openings: The American Wet Tank System is designed with (2) 1 1/4" NPT port openings in the bottom of the tank. The system allows either port to be used as a suction or return line. The assembly may be plumbed for use as a two- or three-line system.
(see diagram at right)
7. Fill cap: Remove filler/breather cap from its carton and re-connect chain and mount in bayonet style closure. Maximum fill is 2" below bayonet closure. Note: Filler/breather cap should be periodically cleaned or replaced to prevent plugging and possible system damage.



Note: The American Wet Tank System is not intended to be a pressurized vessel. Prolonged use and weather elements can cause the filtered breather cap and auxiliary vent(s) to become clogged with debris, creating a decrease in air exchange. Decreased air exchange can cause the reservoir to become pressurized, resulting in fatigue cracks in the reservoir material. It is recommended that the filtered breather cap and auxiliary vent(s) be replaced every 4-6 months depending on application environment. Failure to maintain the reservoir and components could result in the voiding of any warranty.