

TRAILERS

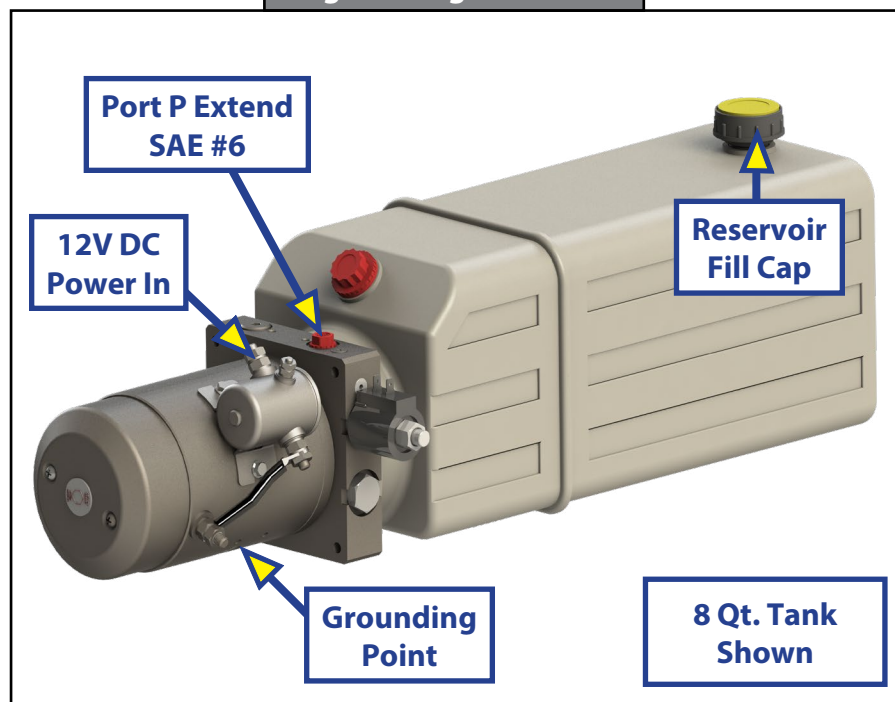
Purpose

This document identifies the features on the dump trailer hydraulic power units. Circuit protection of 150 amps to 200 amps is to be used for supplying voltage to the power unit. OEM is to determine capacity within this range, as capacity need can vary by application. All wiring is to conform to RVIA standards. The fluid recommendation is Dexron® III automatic transmission fluid. For a list of alternative fluids, see Lippert Technical Information sheet: [TI - 188 Hydraulic Fluid Recommendation](#).

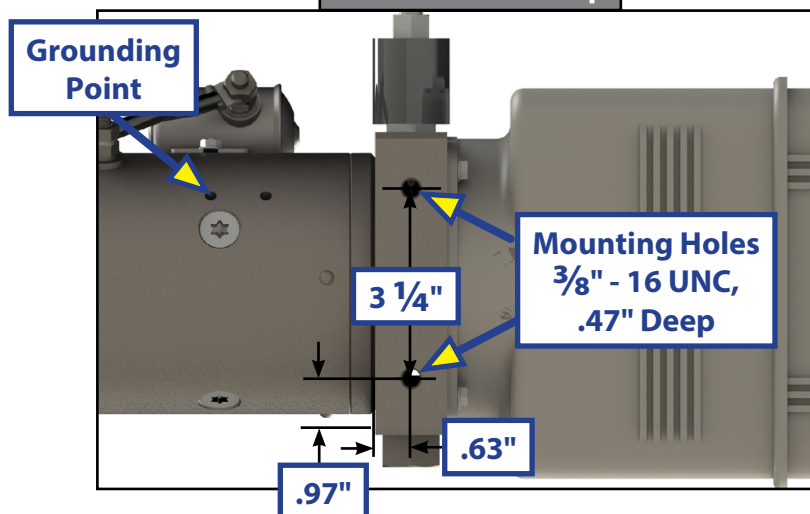
Description	Reservoir Capacity
Single Acting Dump Trailer Hydraulic Power Unit	8 Quart
Double Acting Dump Trailer Hydraulic Power Unit	4 Quart 6 Quart 8 Quart

Single Acting Hydraulic Power Unit Specifications	
Description	Measurement
Main Relief Pressure	3200 +/- 150 PSI
Fluid Recommendation	Dexron III ATF (See TI - 188)
Pump Displacement	2.1 CC/Rev
Usable Reservoir Size	8 Quarts
Mounting Orientation	Horizontal
Maximum Relief Current	240 A
SAE Port Conformance	SAE J1926-1
Duty Cycle	Intermittent Duty, 10% Duty Cycle, Two Minute "On Time"
Motor	12V DC Motor, 1.5 kW
Manual Override	Optional (Not available on all units)
Overall Height	7.87"
Overall Width	6.69"
Overall Length	25.66"

Single Acting Power Unit

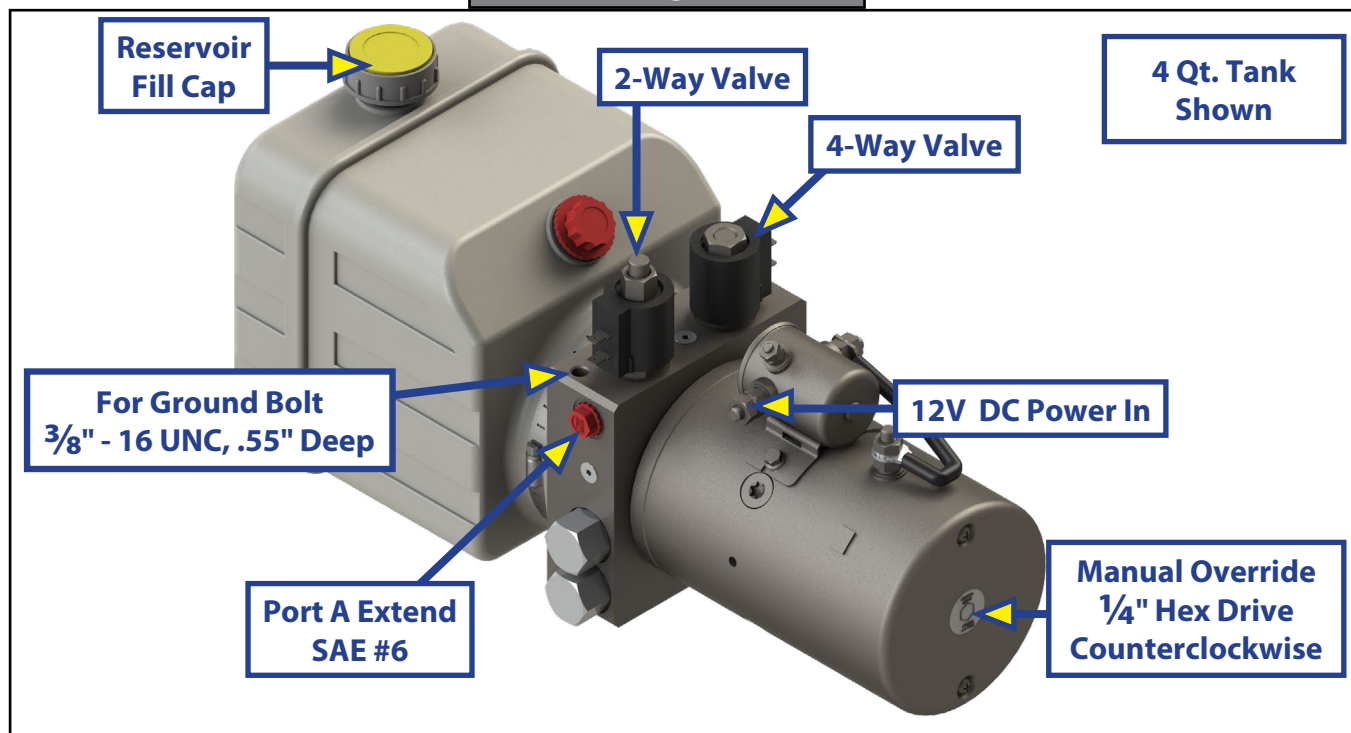


Underside of Pump

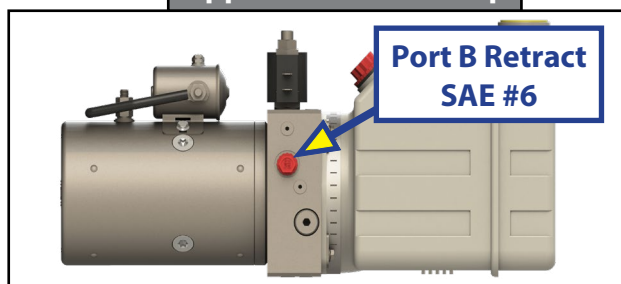


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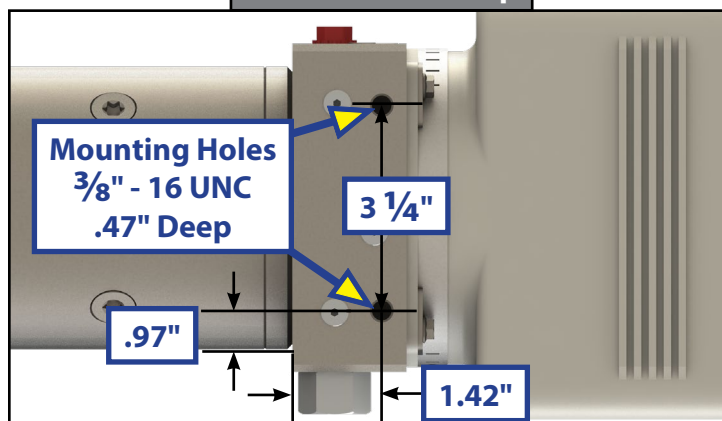
Double Acting Power Unit



Opposite Side of Pump



Underside of Pump



Double Acting Hydraulic Power Unit Specifications

Description	Measurement
Main Relief Pressure	3200 +/- 150 PSI
Retract Relief Pressure	1500 +/- 100 PSI
Fluid Requirement	Dexron III ATF
Pump Displacement	2.1 CC/Rev
Usable Reservoir Size	4, 6, or 8 Quarts
Mounting Orientation	Horizontal
Maximum Relief Current	275 A
SAE Port Conformance	SAE J1926-1
Duty Cycle	Intermittent Duty, 10% Duty Cycle, Two Minute "On Time"
Motor	12V DC Motor, 2.0 kW
Manual Override	Optional (Not available on all units)
Overall Height	7.87"
Overall Width	6.69"
Overall Length	16.61" to 26.26"

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