



Manifold SquareTank BOM	
Part	Qty
Center Tube (18" or 28")	1
End Cap; Left	1
End Cap; Right	1
End Cap O-Ring	2
Connecting Rod (18" or 28")	4
5/16-18 x 1.5" Connecting Rod Hardware (Black or Clear Zinc)	8
3/8-16 x .75" Grade 8 Yellow Zinc Tank Mounting Hardware	4
3/8" Split Lock Washer Yellow Zinc	4
3/8" Flat Washer Yellow Zinc	4
1/8" NPT Pipe Plug Nickle Plated Brass	4
3/8" NPT Pipe Plug Nickle Plated Brass	6
7g Pouch Loctite Anti-Seize	1
1cc Pouch Super Lube Synthetic O-Ring Lube	1
Valve Manifold Wiring Harness	1

Assembly Procedure
READ ENTIRE INSTRUCTIONS BEFORE STARTING ASSEMBLY
Install the o-rings in the end caps using o-ring lubricant. O-rings should fit snug in the o-ring groove. O-ring groove is wider than the o-rings.
Place one end cap face down with the tube side facing up. Set tube on end cap and press down until tube contacts the end cap. Fit should be tight but not require excessive force. Inspect o-ring during installation to confirm ample o-ring lubricant was used and o-ring was not torn.
Set connecting rods into end cap (no hardware), confirming rods are indexed correctly into end cap and press into place. (will not fully seat at this point). A slight tap with a soft hammer will set the connecting rods.
Install second end cap on top. Confirm ports are aligned and loosely assemble hardware on connecting rods to assist with rod alignment. Press down until connecting rods are indexed into the end cap. A slight tap around the end cap with a soft hammer will set the connecting rods.
Lay tank down horizontally on a level surface, pressing downward on the end caps simultaneously to align them. Install connecting rod hardware using anti-seize lubricant on the threads and torque to 18ft lbs.

www.squaretank.com | 800-928-1984 | info@squaretank.com

This product is for show/off road use only
200psi Pressure Rated

Raw tubes are not UV protected. Raw tubes must be wrapped or painted before use

Tanks with Raw tubes are shipped loosely assembled for customization and include everything needed for reassembly.

Tanks with Cerakote finished tubes are factory sealed & fully assembled.

Square Tank Wire Diagram

Harness	Tank Port	Corner	Fill/Up Wire	Exhaust/Down Wire
Driver	Port 1	Corner 1 - Driver Front	GREY	RED
Driver	Port 2	Corner 3 - Driver Rear	WHITE	BLUE
Passenger	Port 1	Corner 2 - Passenger Front	GREY	RED
Passenger	Port 2	Corner 4 - Passenger Rear	WHITE	BLUE

- 1.) Pass Up 2 — White
- 2.) Driver Up 2 — White
- 3.) Pass Up 1 — Grey
- 4.) Driver Up 1 — Grey
- 5.) Pass Dn 2 — Blue
- 6.) Driver Dn 2 — Blue
- 7.) Pass Dn 1 — Red
- 8.) Driver Dn 1 — Red

