



**UNIVERSAL PUMP ADAPTER KIT**

Parts and Technical Service guide  
 Guía de servicio técnico y recambio  
 Guide d'instructions et pièces de rechange

Ref.: **Model 2551 Adapter Kit**

*Description/ Descripción/ Description*

Part. No.	Description	Part. No.	Description	Part. No.	Description
2560	1½" Coupler	1953	¾" X 1" Hex Nipple	2054	¾" Close Nipple
2023	1½" X 1" Bushing	2073	1" Coupler	2060	¾" X ¼" Bushing
2561	1½" X ¾" Bushing	2501	¾" X ¼" Reducer	2065	¾" X ½" Bushing
2562	1½" Close Nipple			2500	1" X ½" Bushing
2563	1" Close Nipple			24205	5ml Loctite® Blue (4 Pieces)

*Samson PM4 5:1 Model 400*

	2073	1953	2560	2023	2561	2562	2563	2054	2060	2065	2500	24205
Graco Fireball 5:1			✘	✘			✘				✘	✘
Lincoln Series 40 5:1				✘ ①			✘ ①		✘		✘	✘
Alemite Ram 5:1			✘	✘			✘		✘		✘	✘
Balcrank Tiger 5:1											✘	✘
Balcrank Panther 5:1				✘ ①			✘ ①		✘		✘	✘

*Samson PM2 3:1 Model 200*

	2073	1953	2560	2023	2561	2562	2563	2054	2501	2065	2500	24205
Graco Fireball 3:1			✘		✘			✘	✘	✘		✘
Lincoln Series 25 3:1	✘ ②	✘ ②			✘ ③			✘ ③		✘		✘
Alemite Ram 3:1			✘		✘			✘		✘		✘
Alemite D Series 3:1										✘		✘
Balcrank Panther 3:1	✘ ②	✘ ②			✘ ③			✘ ③		✘		✘

① When using the 1½" threads on the outside of the pump tube. No adapters needed when using the 1" threads on the inside of the pump suction tube.

② When using the 1" threads on the inside of the pump suction tube.

③ When using the 1½" threads on the outside of the pump suction tube.

## ***Instructions by Pipe Size***

### **1½" Double Tap Suction Pipe Connections:**

For all pumps, attach the 2560 1½" Coupler to the original double tap on top of the tank.  
For the PM6 10:1 use the 2562 1½" Close Nipple to attach the tube to the pump.  
For the PM4 5:1 use the 2023 1½" X 1" Bushing and the 2563 1" Nipple to attach the Coupler to the pump.  
For the PM4 8:1 use the 2561 1½" X ¾" Bushing and the 2054 ¾" Nipple to attach the Coupler to the pump.  
For the PM2 3:1 use the 2561 1½" X ¾" Bushing and the 2054 ¾" Nipple to attach the Coupler to the pump.

Clean then seal all threads with the 24205 Loctite® Blue provided.

### **1½" Plain Suction Pipe Connections:**

*If no Double Tap bushing is present,* replace the suction tube with appropriately sized Iron Pipe from any local Hardware Store.

For the PM6 10:1 re-use the existing 1½" Pipe.  
For the PM4 5:1 use a 1" Pipe.  
For the PM5 8:1 and PM2 3:1 use a ¾" Pipe.

Clean then seal all threads with the 24205 Loctite® Blue provided. If the suction pipe is too long, cut it down with a hacksaw at a 45 Degree angle so that a suction lock does not occur on the bottom of the tank. Clearance from the bottom of the suction tube to the bottom of the tank should be 2" on new tanks and 4" on old tanks.

### **1" Suction Pipe Connections:**

For the PM6 10:1 use the 2561 1½" X ¾" Bushing to attach the tube to the pump.  
For the PM4 5:1 re-use the existing 1" pipe and the 1" threads provided.  
For the PM4 8:1 use the 2073 1" Coupler and the 1953 ¾" X 1" Hex Nipple to attach the Coupler to the pump.  
For the PM2 3:1 use the 2073 1" Coupler and the 1953 ¾" X 1" Hex Nipple to attach the Coupler to the pump.

Clean then seal all threads with the 24205 Loctite® Blue provided. If the suction pipe is too long, cut it down with a hacksaw at a 45 Degree angle so that a suction lock does not occur on the bottom of the tank. Clearance from the bottom of the suction tube to the bottom of the tank should be 2" on new tanks and 4" on old tanks.

### **½" Oil Outlet Hose Connections:**

For the PM6 10:1 use the 2065 ¾" X ½" Bushing.  
For the PM4 5:1 use the 2500 1" X ½" Bushing.  
For the PM4 8:1 use the 2500 1" X ½" Bushing.  
For the PM2 3:1 use the 2065 ¾" X ½" Bushing.

Clean then seal all threads with the 24205 Loctite® Blue provided.

### **¼" Air Inlet Hose Connections:**

For the PM6 10:1 do not use ¼" Air Inlet Hose, use ½" Air Supply Hose Only.  
For the PM4 5:1 use the 2060 ⅜" X ¼" Bushing.  
For the PM4 8:1 use the 2500 ⅜" X ¼" Bushing.  
For the PM2 3:1 use the provided ¼" Air Inlet.

Clean then seal all threads with the 24205 Loctite® Blue provided.

### **⅜" Air Inlet Hose Connections:**

For the PM6 10:1 do not use ⅜" Air Inlet Hose, use ½" Air Supply Hose Only.  
For the PM4 8:1 and the PM4 5:1 use the provided ⅜" Air Inlet.  
For the PM2 3:1 use the 2501 ⅜" X ¼" Reducer.

Clean then seal all threads with the 24205 Loctite® Blue provided.