

Pardon our dust as we work on a new tool to allow you to find the kits you need. In the mean time, this version is functional and will take you to exactly what you need.

The Tuthill Marketing Team



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## **Small Pump Kits**

- <u>4200KTF8739 Rebuild</u>
- <u>1200KTG8572 Rebuild</u>
- <u>KIT120RKG Rebuild for G Series</u>
- BD4200KTH0710 Rebuild (Bio-Diesel)
- <u>KIT120BD Bio-Diesel Conversion</u>
- <u>KIT120BG Inlet Flange</u>
- KIT120BV Bypass Valve
- KIT120ES Switch & Fork
- <u>KIT120FLG 4200 Meter Flange</u>
- <u>KIT120JC Junction Box Cover</u>
- <u>KIT120NB Nozzle Boot</u>
- <u>KIT120RG Rotor / Vane / Cover</u>
- <u>KIT120RGG Rotor / Vane / Cover G Series</u>
- <u>KIT120SG Inlet Screen & Gasket</u>
- <u>KIT120SL Shaft Seal</u>
- <u>KIT120SW Switch Lever</u>
- <u>KIT120CBR Thermal Protector / Rectifier for 600 Series</u>
- <u>KITFR1612 Rebuild</u>
- <u>KIT120VG Vanes / Rotor Key / Rotor Cover Gasket</u>

- <u>KIT120VP Bulk Vane and Key</u>
- <u>KIT120TPP Bulk Thermal Protector</u>
- <u>KIT120RKP Bulk Rotor Key</u>
- <u>KIT120RHP Bulk Brush and Holder</u>
- <u>KIT120RGP Bulk Rotor</u>
- <u>KIT120ESP Bulk Electrical Switch</u>
- <u>KIT700SSP Bulk Switch Shaft</u>
- <u>KIT120CCP Bulk Cable Connector</u>
- <u>KIT120BPP Bulk Bypass Poppet</u>
- KIT120CP Bulk Capacitor Kit
- <u>KIT100GBP Bulk Inlet Gasket</u>
- <u>KIT700FGP Bulk Discharge Gasket</u>
- <u>KIT120ARM FR1200 / SD1200 Motor</u>
- KIT121ARM FR2400 Motor
- KIT122ARM FR4200 Motor
- <u>KIT123ARM FR4400 Motor</u>
- <u>KIT124ARM FR600 / SD600 Motor</u>



## **FR700 Series Pump Kits**

- <u>700KTF2659 Rebuild</u>
- <u>BD700KTH0711 Bio-Diesel Rebuild</u>
- <u>KIT700AS Anti-Siphon</u>
- <u>KIT700BD Bio-Diesel Conversion</u>
- <u>KIT700BG Bung Adapter</u>
- <u>KIT700BV Bypass Valve</u>
- <u>KIT700CV Check Valve</u>
- <u>KIT700JC Junction Box Cover</u>
- <u>KIT120NB Nozzle Boot</u>
- <u>KIT700MA Meter Flange 800 Series</u>
- <u>KIT700OT Straight ¾" Outlet Flange</u>
- <u>KIT700OT1 Straight 1" Outlet Flange</u>
- <u>KIT700RG Rotor / Vane / Cover</u>
- <u>KIT700SG Inlet Screen & Gasket</u>
- KIT700SL Shaft Seal
- <u>KIT700SW Switch Lever</u>
- <u>KIT900PF Meter Flange 900 Series</u>

- <u>KIT700AVBP Bulk Anti-Siphon Body</u>
- <u>KIT700VP Bulk Vane and Key</u>
- <u>KIT700RKP Bulk Rotor Key</u>
- <u>KIT700RP Bulk Rotor</u>
- <u>KIT700FGP Bulk Discharge Gasket</u>
- <u>KIT120ESP Bulk Electrical Switch</u>
- <u>KIT700SSP Bulk Switch Shaft</u>
- <u>KIT700CVP Bulk Check Valve Assembly</u>
- <u>KIT120BPP Bulk Bypass Poppet</u>
- <u>KIT700BPSP Bulk Bypass Spring</u>
- <u>KIT300GBP Bulk Rotor Cover Gasket</u>
- <u>KIT300FGP Bulk Discharge Flange Gasket</u>
- <u>KIT300GSK Bulk Inlet Flange Gasket</u>



### FR300 Series Pump Kits

- <u>300KTF7794 Rebuild</u>
- BD300KTH0712 Bio-Diesel Rebuild
- <u>KIT300BD Bio-Diesel Conversion</u>
- <u>KIT700AS Anti-Siphon</u>
- <u>KIT700BG Bung Adapter</u>
- <u>KIT300BV Bypass Valve</u>
- <u>KIT300JC Junction Box Cover</u>
- <u>KIT300NB Nozzle Boot Old Style</u>
- <u>KIT120NB Nozzle Boot New Style</u>
- <u>KIT300NR Nozzle Retainer</u>
- <u>KIT300MA Meter Flange</u>
- <u>KIT300OT Straight Outlet Flange</u>
- <u>KIT300RG Rotor / Vane / Cover</u>
- <u>KIT300SG Check Valve / Strainer</u>
- KIT700SL Shaft Seal
- <u>KIT300SW Switch Lever</u>

- <u>KIT700AVBP Bulk Anti-Siphon Body</u>
- <u>KIT300IP Bulk Rotor Inserts</u>
- <u>KIT300VP Bulk Vane and Key</u>
- <u>KIT300RIP Bulk Rotor and Rotor Insert</u>
- <u>KIT300CVP Bulk Check Valve / Strainer</u>
- <u>KIT300BVP Bulk Bypass Valve</u>
- <u>KIT300GBP Bulk Rotor Cover Gasket</u>
- <u>KIT300FGP Bulk Discharge Flange Gasket</u>
- <u>KIT300GSK Bulk Inlet Flange Gasket</u>



### FR3200 Series Pump Kits

- <u>KIT320RK Rebuild</u>
- <u>KIT320RG Rotor / Vane / Cover</u>
- <u>KIT320MA Meter Flange</u>
- <u>KIT320BG Inlet Flange</u>
- <u>KIT320BV Bypass Valve</u>
- <u>KIT320SK External Seals</u>
- <u>KIT320SW Line Switch / Breaker</u>
- KIT320SL Shaft Seal
- <u>KIT120NB Nozzle Boot</u>
- <u>KIT120SG Inlet Screen and Gasket</u>
- <u>KIT120RKP Bulk Rotor Key</u>
- <u>KIT100GBP Bulk Inlet Gasket</u>



### NX3200 Series Pump Kits

- <u>KIT321BG NPT Inlet Flange</u>
- <u>KIT321BGB BSPP Inlet Flange</u>
- <u>KIT321BV Bypass Valve</u>
- <u>KIT321NB Nozzle Boot</u>
- <u>KIT321AC Power Cable</u>
- <u>KIT321RG Rotor / Vanes / Cover</u>
- KIT321RK Rebuild Kit
- <u>KIT321SK All External Seals</u>
- <u>KIT321SW Switch Assembly</u>
- KIT320SL Shaft Seal
- <u>KIT120SG Inlet Screen and Gasket</u>
- <u>KIT120RKP Bulk Rotor Key</u>
- <u>KIT100GBP Bulk Inlet Gasket</u>



# Hand Pump Kits

#### 30 Series Quart Stroke

- <u>30KTF4919 Rebuild</u>
- <u>KIT100WGP Bulk Wood Handle</u>

#### 100 Series Rotary

- <u>100KTF1214 Rebuild</u>
- <u>KIT100WHP Bulk Shaft Seal</u>
- <u>KIT120SG Inlet Screen and Gasket</u>
- <u>KIT152VBP Bulk Vacuum Breaker</u>
- <u>KIT100GBP Bulk Inlet Gasket</u>
- <u>KIT100WGP Bulk Wood Handle</u>

#### 5200 Series Piston

- <u>5200KTF1828 Rebuild</u>
- <u>KIT152VB Vacuum Breaker</u>
- <u>KIT152HA Handle Kit</u>
- <u>KIT152VBP Bulk Vacuum Breaker</u>

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### 800 Meter Kits

#### 800 Series

- <u>800KT Rebuild</u>
- <u>KIT800GR Gallon Register and Faceplate</u>
- KIT800LR Liter Register and Faceplate
- <u>KIT800MK To Mount Meter to Sml Pmps</u>
- <u>KIT800FPP Bulk Gallon Faceplates</u>
- <u>KIT800LFPP Bulk Liter Faceplates</u>
- <u>KIT800REP Bulk Gallon Registers</u>
- <u>KIT800LREP Bulk Liter Registers</u>
- <u>KIT800CGP Bulk Buna Cover Gasket</u>
- <u>KIT800RBPK Bulk 1" x ¾" Reducer Bushing</u>
- <u>KIT702MG Gallon Meter Sub Assembly</u>
- <u>KIT702ML Liter Meter Sub Assembly</u>



### 900 Meter Kits

#### 900 Series

- <u>900KT Rebuild</u>
- <u>KIT900GR Gallon Register and Faceplate</u>
- <u>KIT900LR Liter Register and Faceplate</u>
- <u>KIT900PF1.5N 1½" NPT Nkl Meter Flange</u>
- <u>KIT900PF1.5B 1½" BSP Nkl Meter Flange</u>
- <u>KIT900PF1N 1" NPT Nkl Meter Flange</u>
- <u>KIT900PF1B 1" BSP Nkl Meter Flange</u>
- <u>KIT900FPP Bulk Gallon Faceplates</u>
- <u>KIT900REP Bulk Gallon Registers</u>
- <u>KIT900LFPP Bulk Liter Faceplates</u>
- <u>KIT900LREP Bulk Liter Registers</u>
- <u>KIT900FGP Bulk 1½" Meter Flange/Gasket</u>
- <u>KIT900CGP Bulk Buna Cover Gasket</u>
- <u>KIT300GSK Bulk Inlet / Outlet Flange Gasket</u>
- <u>KIT900PF Meter Pump Flange</u>
- <u>KIT120FLG 4200 Meter Flange</u>

#### 900 Digital Series

- <u>900DKT Rebuild</u>
- <u>KIT900PF Meter Pump Flange</u>
- <u>KIT900PF1.5N 1½" NPT Nkl Meter Flange</u>
- <u>KIT900PF1.5B 1½" BSP Nkl Meter Flange</u>
- <u>KIT900PF1N 1" NPT Nkl Meter Flange</u>
- <u>KIT900PF1B 1" BSP Nkl Meter Flange</u>
- <u>KIT900DPBA Intrinsically Safe Barrier</u>
- <u>KIT900CDFP 900CD Electronic Faceplate</u>
- <u>KIT900CDPFP 900CDP Electronic Faceplate</u>



# **TN Meter Kits**

#### TN740 Meters

- <u>MC8600 Meter Chamber Assembly</u>
- <u>RK8101 Control Plate, Fluorocarbon Seals</u>
- <u>KIT900LREP Bulk Registers</u>
- <u>RK3700 Register Cover and Reset Knob</u>
- PL5250 Cover, Gasket, and Screws

#### TN860 Meters

- MC8800 Meter Chamber Assembly
- <u>RK8101 Control Plate, Fluorocarbon Seals</u>
- <u>RK8201 Control Plate, PTFE Seals</u>
- <u>KIT900LREP Bulk Registers</u>
- <u>RK3700 Register Cover and Reset Knob</u>
- PL5250 Cover, Gasket, and Screws

#### TN760 Meters

- <u>MC8800 Meter Chamber Assembly</u>
- <u>RK8101 Control Plate, Fluorocarbon Seals</u>
- <u>KIT900LREP Bulk Registers</u>
- <u>RK3700 Register Cover and Reset Knob</u>
- PL5250 Cover, Gasket, and Screws



### **Turbine Meter Kits**

#### TT Turbine Meter Kits

- <u>KITMODTT10A TT10A Replacement Module</u>
- <u>KITMODTT10P TT10P Replacement Module</u>



# Cabinet Meter and Pump Kits

#### FR702 Pump Cabinets

- <u>702KTF3518 Unv Nozzle Boot / Switch Rod</u>
- <u>KIT702FP Old FR702 Faceplate</u>
- <u>KIT702VELRUFP FR702VELRU Faceplate</u>
- <u>KIT702VLRUFP FR702VLRU Faceplate</u>
- <u>KIT702VRFP FR702VR Faceplate</u>
- <u>KIT702VRGUFP FR702VRGU Faceplate</u>
- <u>KIT702VRUFP FR702VRU Faceplate</u>
- <u>KIT702MG Gallon Meter Sub Assembly</u>
- <u>KIT702ML Liter Meter Sub Assembly</u>
- KIT902CC Clear Cover

#### **FR902C Meter Cabinets**

- <u>KIT902LRFP FR902CLR Faceplate</u>
- <u>KIT902LRUFP FR902CLRU Faceplate</u>
- <u>KIT902RFP FR902CR Faceplate</u>
- <u>KIT902RUFP FR902CRU Faceplate</u>
- <u>KIT902HA Switch Handle Assembly</u>
- <u>KIT902CC Clear Cover</u>
- <u>KIT902LS Line Switch for FR902C</u>
- <u>KIT902SV Solenoid Valve</u>
- LIT902MB Wall Mount Bracket

#### FR902DPU and FR302DPU Meter Cabinets

- <u>KIT900CABINT 900 Digital Meter (902/302)</u>
- <u>KIT302DPD Register Assy for 902 / 302</u>
- <u>KIT305NZ Universal Nozzle Boot</u>

- <u>KITPD Pedestal</u>
- <u>KITWM Wall Mount Bracket</u>



### **RD Series Pump Kits**

- KIT812PC Power Cable Kit
- <u>KIT812RG Rebuild Kit for 8 GPM Pump</u>
- KIT812FL Single NPT Flange Kit
- <u>KIT812FLB Single BSPP Flange Kit</u>
- KIT812SL Seal Kit
- <u>KIT812NH Hose Kit for 8 GPM Pump</u>
- KIT812NP Bung Mount Kit
- <u>KIT1212NH Hose Kit for 12 GPM Pump</u>
- <u>KIT1212RG Rebuild Kit for 12 GPM Pump</u>



# **DEF** Kits

#### **Stainless Steel DEF Kits**

- <u>KIT180DTPS Suction Tube Assembly</u>
- <u>KIT180MPPS Tote Mounting Plate</u>
- <u>KIT180MAPS Plate, Nozzle, and Hose</u>
- <u>KIT180MAMPS Plate, Meter, Noz, Hose</u>
- <u>KIT180SP SS ¾" BSPP Union</u>
- <u>KITFR32V Rebuild Kit for SS DEF Pump</u>
- <u>KITFR55DU 55 Gallon Drum Stand</u>

#### **DEF Hand Pump Kits**

- <u>KITHA32V Hose w/ Ball Valve Tap</u>
- <u>KITHA32VMN Hose w/ Manual Nozzle</u>

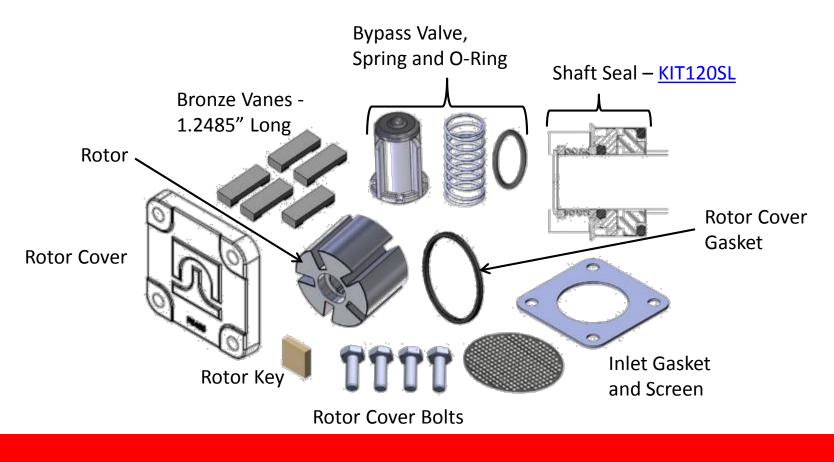
#### **DF DEF Kits**

- KITDFDB Drum Bracket
- <u>KITDFFK Fittings</u>
- <u>KITDFH05 5' x ¾" Suction Hose</u>
- <u>KITDFH20 20' x ¾" Discharge Hose</u>
- <u>KITDFHF Replacement Handle and Foot</u>
- <u>KITDFNB Nozzle Boot Reservoir</u>
- KITDFPK Spare Parts



# 4200KTF8739 Rebuild Kit

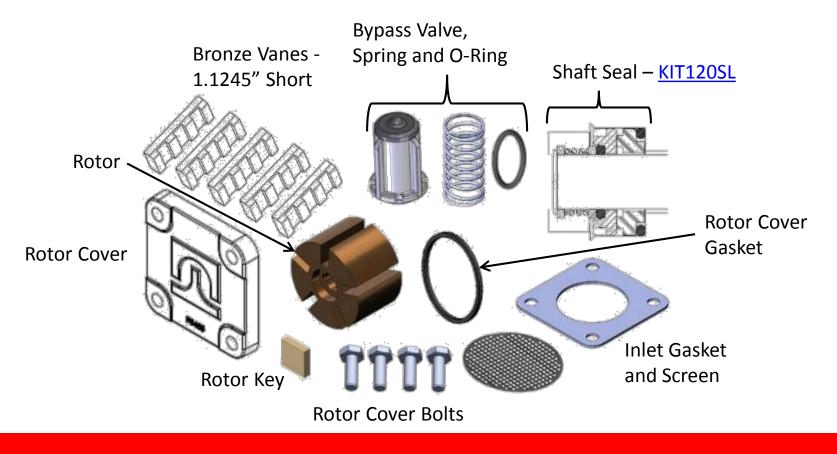
- Used in all FR1200C, FR2400C, FR4200D, FR4400, and FR600 Pumps.
- Used in SD1200 and SD600 Pumps with a Manufacture date after 4404.
- Always replace the rotor and rotor cover to ensure they are the same hardness.





# 1200KTG8572 Rebuild Kit

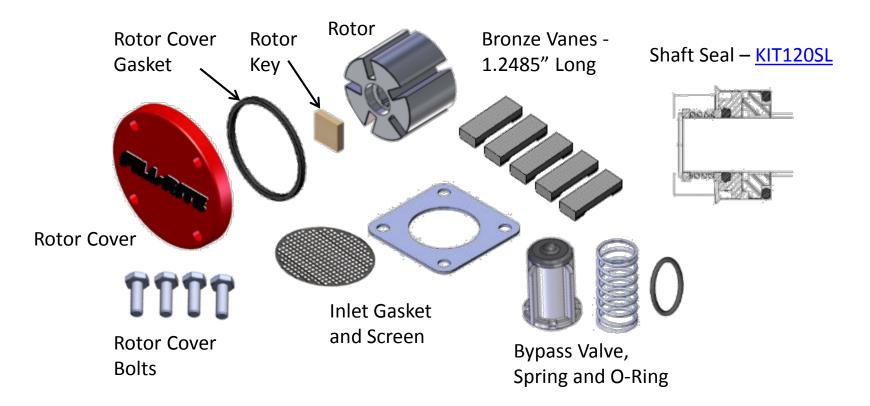
- Used in all FR1200B and FR2400B Pumps.
- Used in SD1200 and SD600 Pumps with a Manufacture date before 4404.
- Always replace the rotor and rotor cover to ensure they are the same hardness.





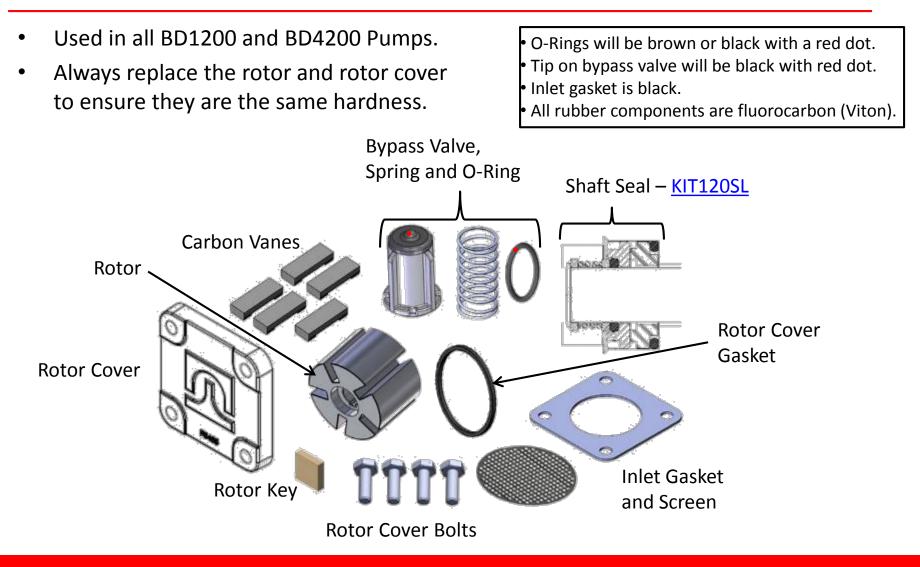
# KIT120RKG Rebuild Kit

• Used in all FR1200G, FR2400G, FR4200G, FR4400G, and FR600G, SD1200G, and SD600G series pumps.





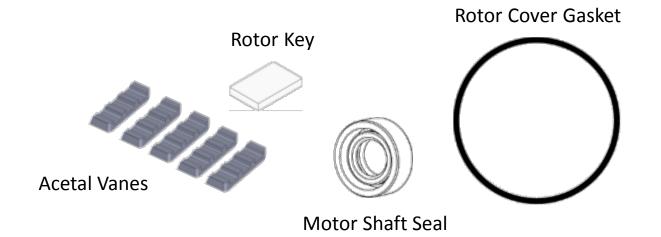
# BD4200KTH0710 Bio-Diesel Rebuild Kit





### KITFR1612 – Rebuild Kit

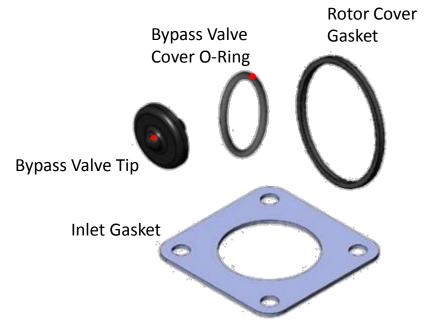
• Used in FR1600 Series Pumps (FR1612, FR1614, and FR1616)



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# KIT120BD – Bio-Diesel / E85 Conversion Kit

- Use to convert any FR1200 / FR2400 / FR4200 / FR4400 / FR600 / SD1200 / SD600 to be used with Bio-Diesel blends of B21 or greater, or E85.
- When dispensing E85, run the pump at a minimum of 3 times a week to ensure no water builds up in the pump and causes it to rust and lock up.
- All of the items in this kit are made of Fluorocarbon (Viton).
  - The o-rings will either be brown or black.
    If black, they will have a red paint spot.
  - The rubber tip for the bypass valve will have a red paint spot.
  - The inlet gasket is black.



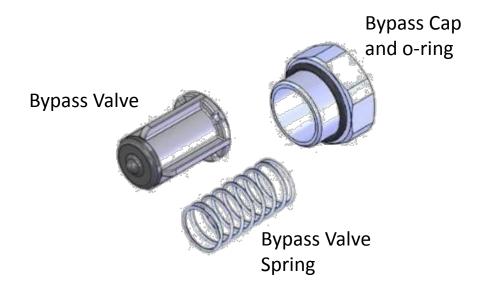


### KIT120BG – Inlet Flange Kit



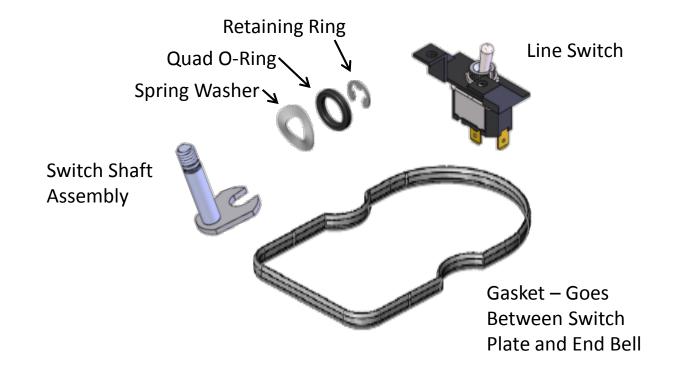


### KIT120BV – Bypass Valve Kit





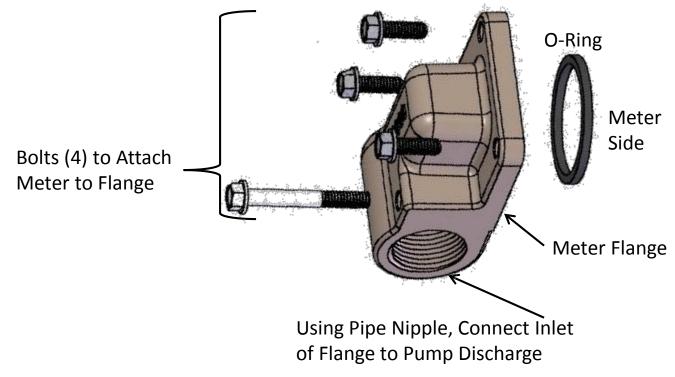
# KIT120ES – Line Switch and Shaft Kit





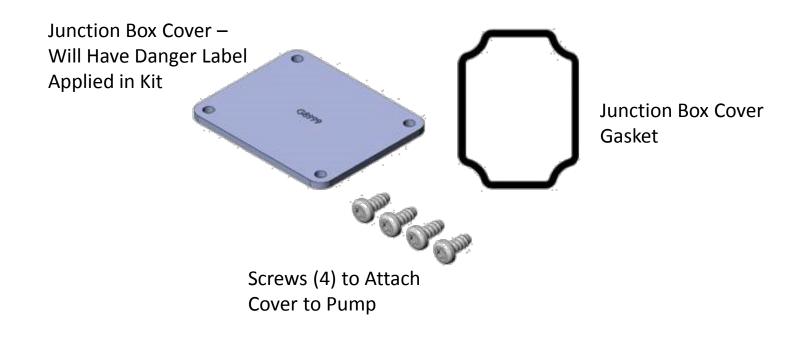
### KIT120FLG – 1" Meter Flange for 4200 Pumps

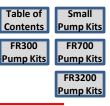
- For use with FR4200 and FR4400 Pumps.
- This is the old 305F0998 flange.





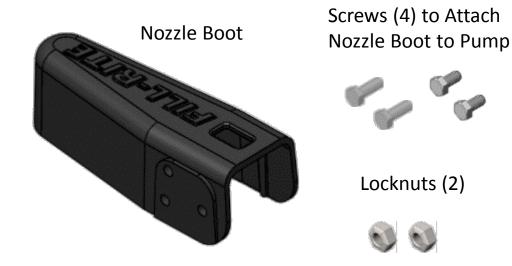
### KIT120JC – Junction Box Cover Kit





# KIT120NB – Nozzle Boot Kit

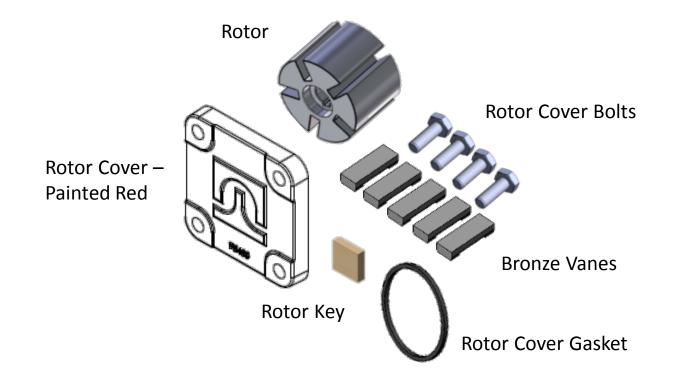
 For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, FR700, FR300 and FR3200 Pumps.





### KIT120RG – Rotor Group Kit

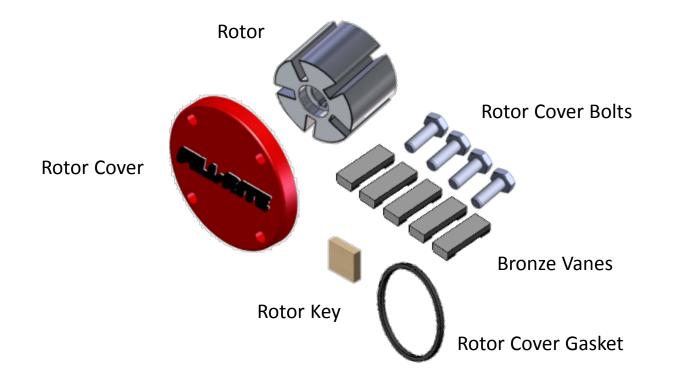
- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.
- Always replace the rotor and rotor cover to ensure they are the same hardness.





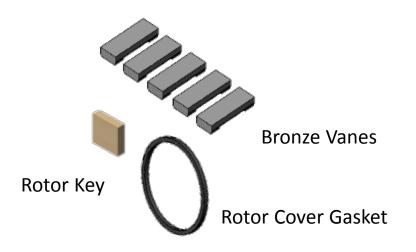
### KIT120RGG – Rotor Group Kit – G Pumps

- For all FR1200G, FR2400G, FR4200G, FR4400G, FR600G, SD1200G, and SD600G Pumps.
- Always replace the rotor and rotor cover to ensure they are the same hardness.



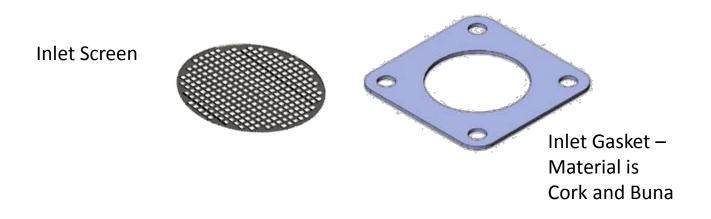


### KIT120VG – Vane Kit



### KIT120SG – Inlet Screen and Gasket Kit

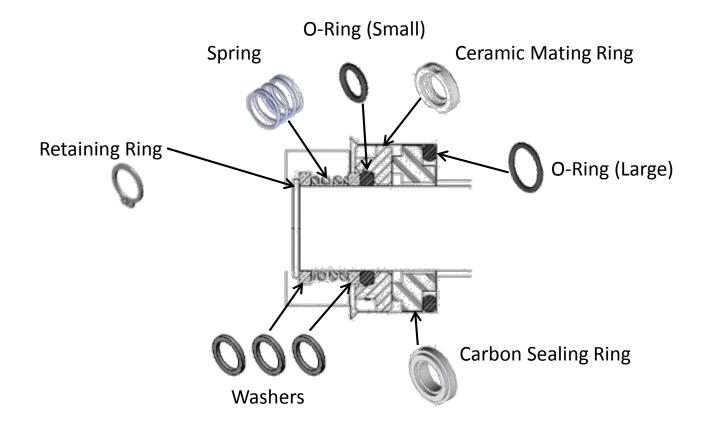
- Table of<br/>ContentsSmall<br/>Pump KitsHand<br/>Pump KitsFR3200<br/>Pump KitsNX3200<br/>Pump Kits
- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, 3200 and 100 Series Pumps.





### KIT120SL – Shaft Seal Kit

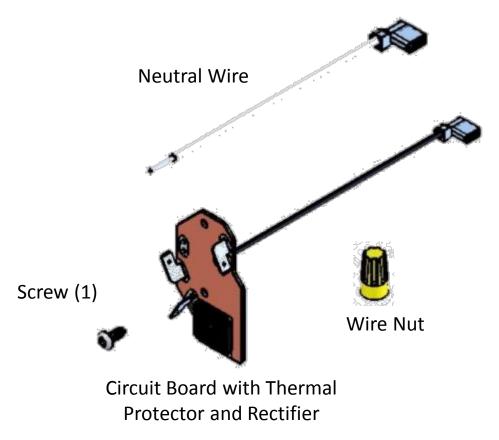
- For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.
- Depending on the age of your pump, you may need to use 1, 2 or all 3 of the washers. Instructions are included in the kit.





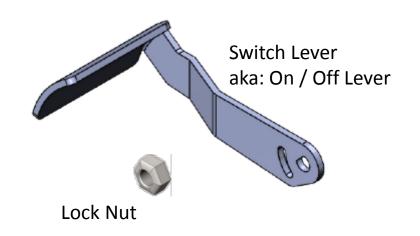
### KIT120CBR – Thermal Protector / Rectifier Kit

• For all FR600 and SD600 Pumps.



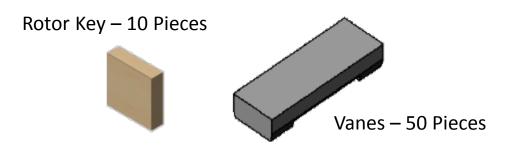


### KIT120SW – Switch Lever Kit





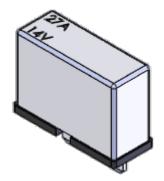
### KIT120VP – Bulk Vane Kit





### KIT120TPP – Bulk Thermal Protector Kit

• For all FR1200, FR4200, and SD1200 Pumps.



Thermal Protector – 10 Pieces



## KIT120RKP – Bulk Rotor Key Kit

• For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, and 3200 Pumps.

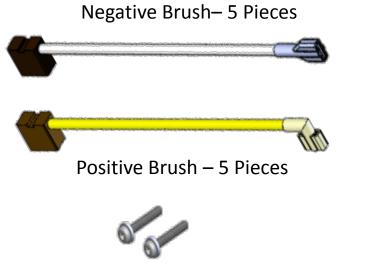


Rotor Key – 15 Pieces

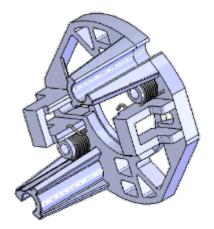


## KIT120RHP – Bulk Brush and Holder Kit

• For all FR1200, FR2400, FR4200, FR4400, and SD1200.



Brush Holder Screws – 5 Sets

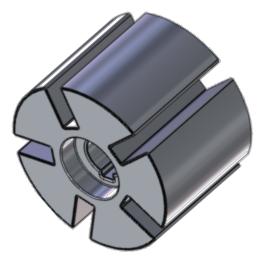


Brush Holder – 5 Pieces

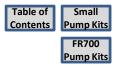


#### KIT120RGP – Bulk Rotor Kit

• For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, and SD600 Pumps.

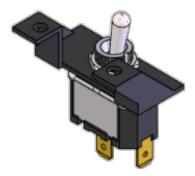


Rotor – 5 Pieces



# KIT120ESP – Bulk Line Switch Kit

- For all FR1200, FR2400, FR4200, FR4400, SD1200, SD600, and FR700 Series Pumps.
- This is a single pole, single throw switch.

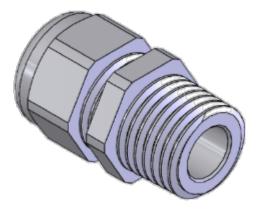


Line Switch – 10 Pieces

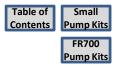


#### KIT120CCP – Bulk Cable Connector Kit

• For all FR1200, FR2400, FR4200, FR4400, and SD1200 Pumps.

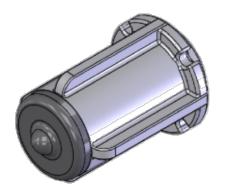


Cable Connector – 15 Pieces



# KIT120BPP – Bulk Bypass Valve Kit

 For all FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, and FR700 Series Pumps.

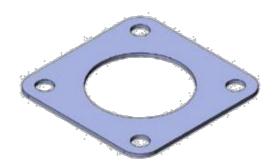


Bypass Valve – 10 Pieces

# Table of<br/>ContentsSmall<br/>Pump KitsHand<br/>Pump KitsFR3200<br/>Pump KitsNX3200<br/>Pump Kits

# KIT100GBP – Bulk Inlet Gasket Kit

 For all FR100, FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600, and 3200 Pumps.



Inlet Gasket (Cork and Buna-N) – 15 Pieces



## KIT120CP – Bulk Capacitor Kit

- For all FR1200, FR2400, FR4200, and FR4400 Pumps with the "E" Option.
- "E" Option = Approvals for Europe, Australia, New Zealand, and Brazil.

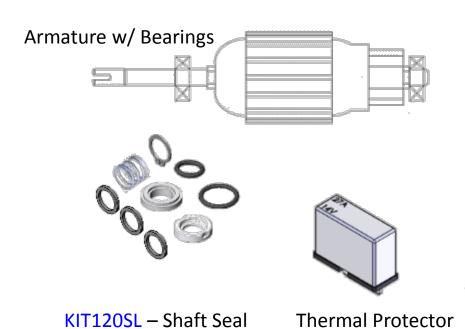


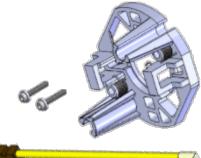
Capacitor - 10 Pieces



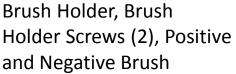
# KIT120ARM – FR1200 / SD1200 Motor Kit

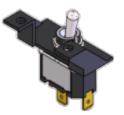
• For FR1200 and SD1200 Pumps.











Line Switch

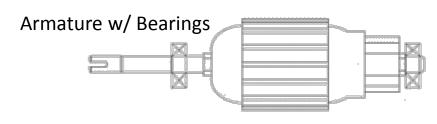


Switch Plate Gasket



#### KIT121ARM – FR2400 Motor Kit

• For FR2400 Pumps.

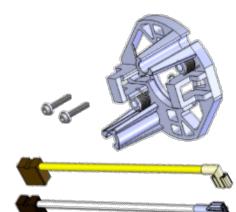




KIT120SL – Shaft Seal



#### **Thermal Protector**



Brush Holder, Brush

and Negative Brush

Holder Screws (2), Positive

Line Switch

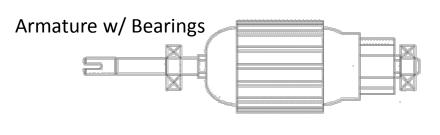


Switch Plate Gasket



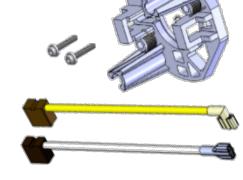
#### KIT122ARM – FR4200 Motor Kit

• For FR4200 Pumps.









Brush Holder, Brush Holder Screws (2), Positive and Negative Brush



Line Switch



Switch Plate Gasket

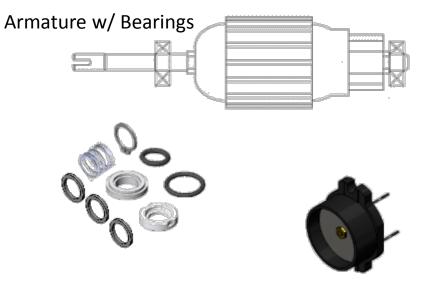
```
KIT120SL – Shaft Seal
```





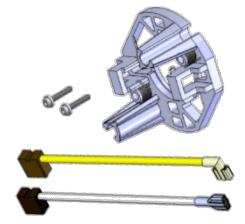
#### KIT123ARM – FR4400 Motor Kit

• For FR4400 Pumps.



#### KIT120SL – Shaft Seal

**Thermal Protector** 



Brush Holder, Brush Holder Screws (2), Positive and Negative Brush



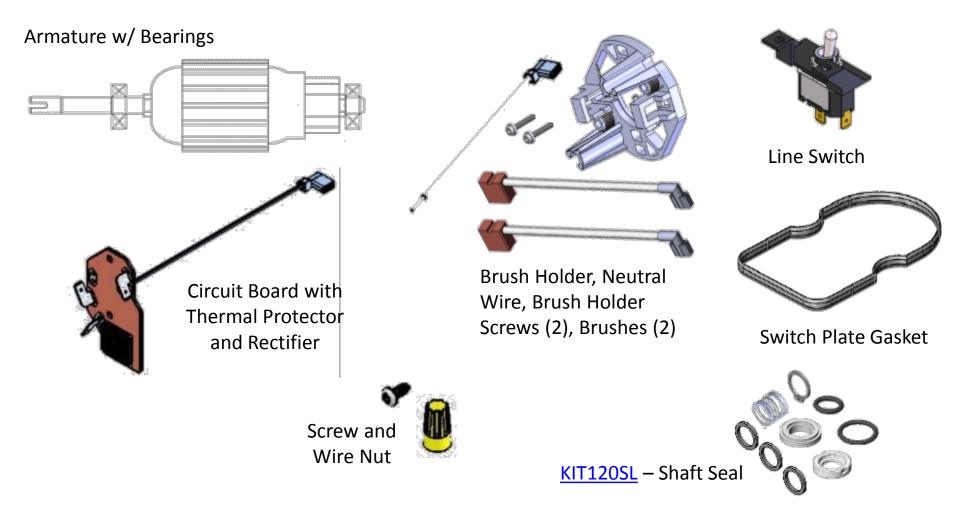
Line Switch



Switch Plate Gasket



## KIT124ARM – FR600 / SD600 Motor Kit

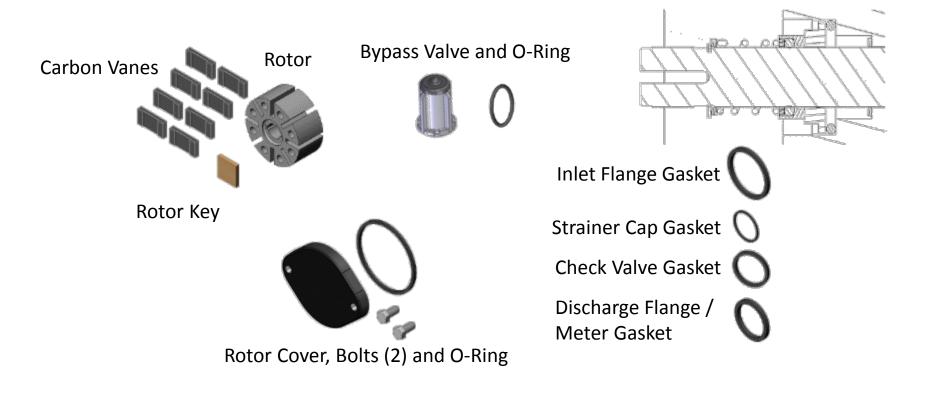




Shaft Seal Assembly – KIT700SL

## 700KTF2659 Rebuild Kit

- For all FR700B and FR700V series Pumps.
- Always replace the rotor, rotor cover, and rotor cover bolts to ensure they are the same hardness.

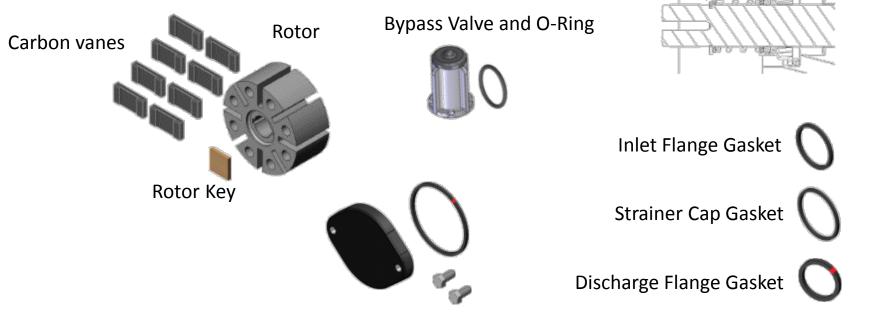




Shaft Seal Assembly – KIT700SL

# BD700KTH0711 – Bio-Diesel Rebuild Kit

- For BD700V or an FR700 series pump that has been converted using the KIT700BD Kit.
- All gaskets and bypass tip are Fluorocarbon.
- Always replace the rotor, rotor cover, and rotor cover bolts to ensure they are the same hardness.

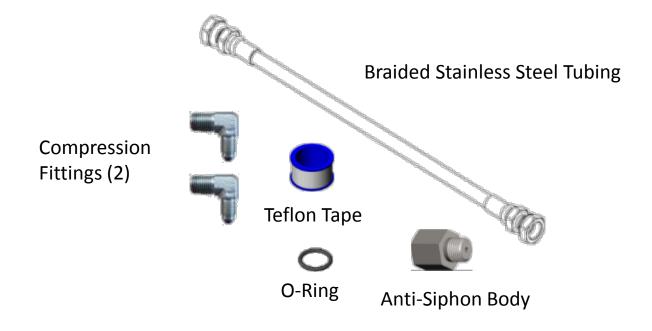


Rotor Cover, Bolts (2), and O-Ring



#### KIT700AS – Anti-Siphon Kit

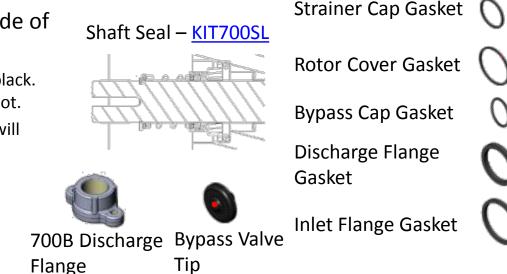
• Used with FR300 and FR700 Series Pumps.

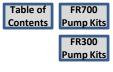




# KIT700BD – Bio-Diesel / E85 Conversion Kit

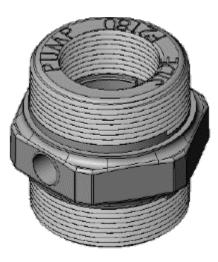
- Use to convert any FR700B or FR700V to be used with Bio-Diesel blends of B21 or greater, or E85.
- When dispensing E85, run the pump at a minimum of 3 times a week to ensure no water builds up in the pump and causes it to rust and lock up.
- All of the items in this kit are made of Fluorocarbon (Viton).
  - The o-rings will either be brown or black.
    If black, they will have a red paint spot.
  - The rubber tip for the bypass valve will have a red paint spot.





# KIT700BG – Bung Adapter Kit

- Used with FR700 and FR300 Series Pumps.
- 2" NPT Threads for Pump and Tank.
- 1¼" NPT Threads for Suction Pipe.

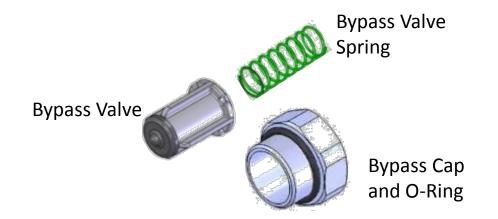


Bung Adapter – Painted Red



#### KIT700BV – Bypass Valve Kit

• Used with FR700 Series Pumps.





#### KIT700CV – Check Valve Kit

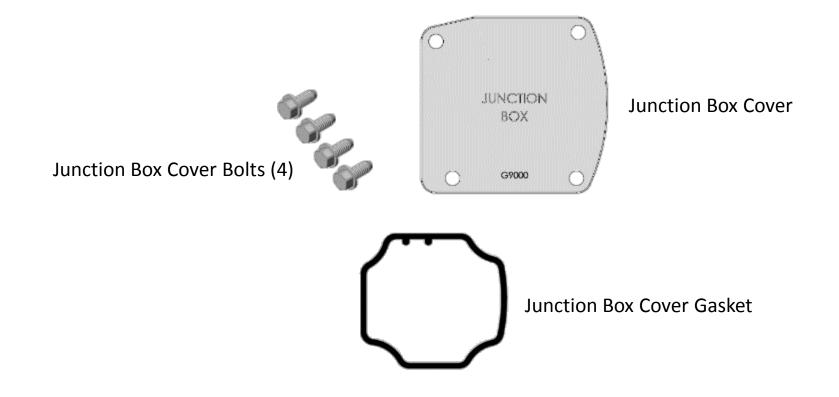
• Used with FR700 Series Pumps.





#### KIT700JC – Junction Box Cover Kit

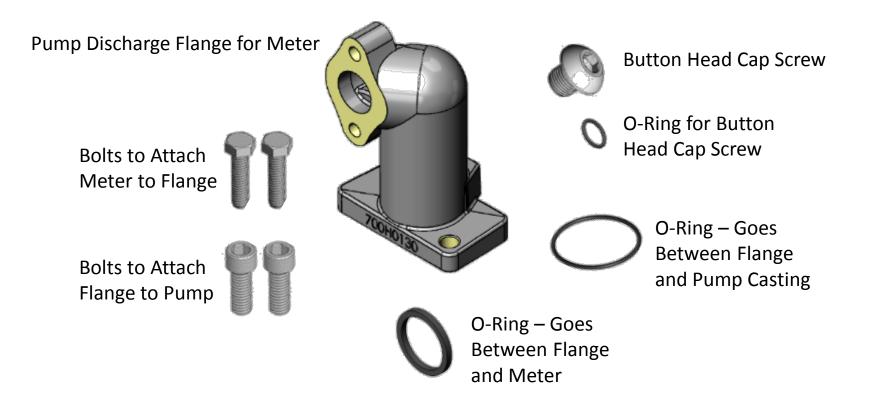
• Used with FR700 Series Pumps.





#### KIT700MA – Meter Flange Kit

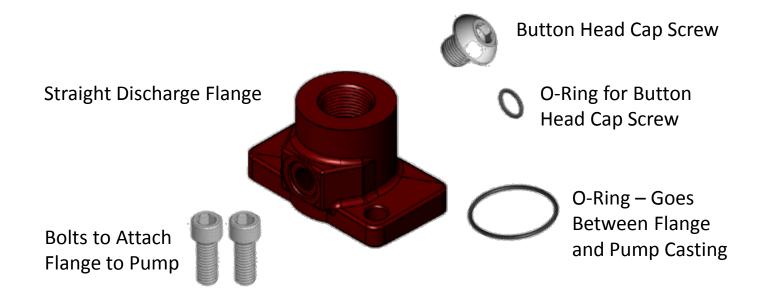
- Used with FR700V Series Pumps to mount an 800 series <sup>3</sup>/<sub>4</sub>" meter to the pump.
- To mount a 1" 900 series meter to the 700V series pumps, use <u>KIT900PF</u>.





## KIT700OT – Straight ¾" Outlet Flange Kit

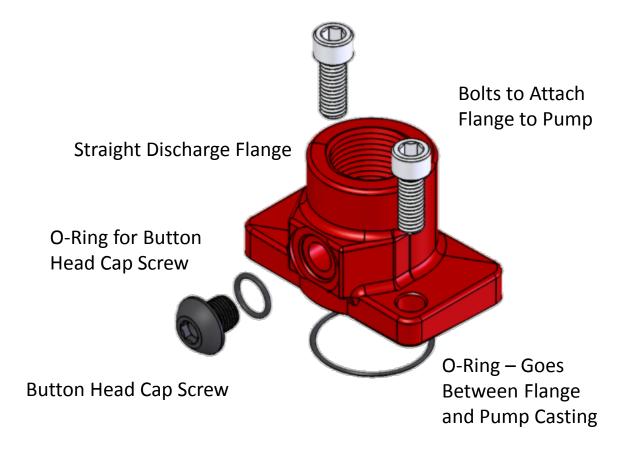
• Used with FR700V Series Pumps.





#### KIT700OT1 – Straight 1" Outlet Flange Kit

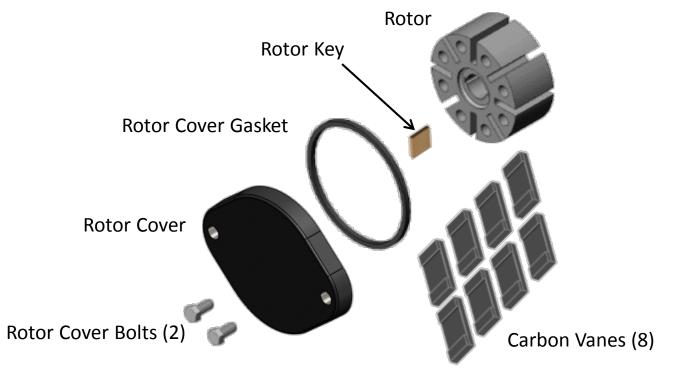
• Used with FR700V and FR710V Series Pumps.





#### KIT700RG – Rotor Group Kit

- For all FR700B and FR700V series Pumps.
- Always replace the rotor, rotor cover, and rotor cover bolt to ensure they are the same hardness.





#### KIT700SG – Screen and Gasket Kit

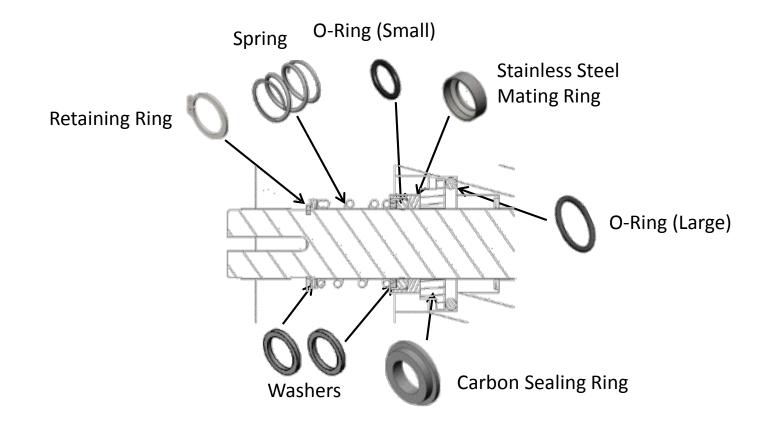
• For all FR700B and FR700V series Pumps.





#### KIT700SL – Shaft Seal Kit

• Use in all FR300 and FR700 Series Pumps.





#### KIT700SW – Switch Lever Kit

• For FR700 Series Pumps.

Switch Lever aka: On / Off Lever







# KIT700AVBP – Bulk Anti-Siphon Body Kit

Table of

Contents

FR700

Pump Kits

• For FR700V and FR300V Series Pumps.

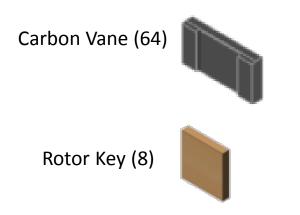


Anti-Siphon Body (10)



#### KIT700VP – Bulk Vane Kit

• For FR700 Series Pumps.





#### KIT700RKP – Bulk Rotor Key Kit

• For FR700 Series Pumps.

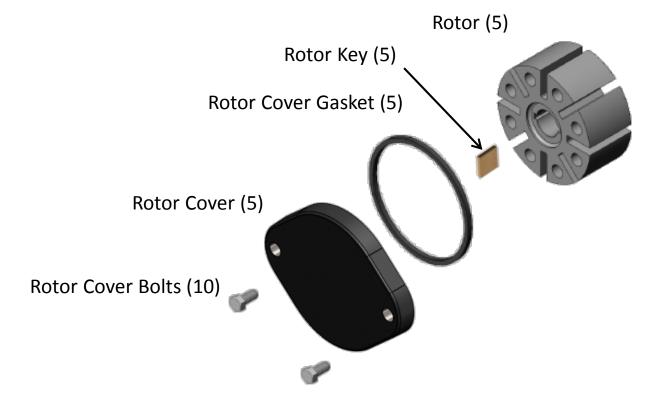


Rotor Key (15)



## KIT700RP – Bulk Rotor Kit

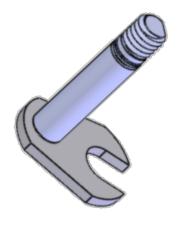
- For FR700 Series Pumps.
- Always replace the rotor, rotor cover, and rotor cover bolt to ensure they are the same hardness.





# KIT700SSP – Bulk Switch Shaft Kit

• Used in 1200, 2400, 4200, 4400, 600, SD1200, SD600, and 700 series pumps.



Switch Shaft (30)

# KIT700FGP – Bulk Discharge Gasket Kit

Table of

Contents

FR700

Pump Kits Small

Pump Kits

- This is the 700F2801 Fluorocarbon (Viton) gasket.
- On the 700B series pumps, this was the gasket at the discharge of the pump.
- On the 700V series pumps, this is the gasket between the 800 meter and the discharge flange.
- On 1200 and 2400 series pumps with meters, this is the gasket between the 800 meter and the discharge flange.



Gasket (100)



#### KIT700CVP – Bulk Check Valve Kit

• For FR700 Series Pumps.

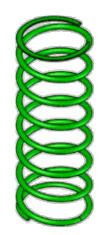


Check Valve Assembly with O-Ring (5)



#### KIT700BPSP – Bulk Bypass Spring Kit

• For FR700 Series Pumps.



Bypass Spring (10)

# KIT300GBP – Bulk Rotor Cover Gasket Kit

Table of

Contents

FR700

Pump Kits

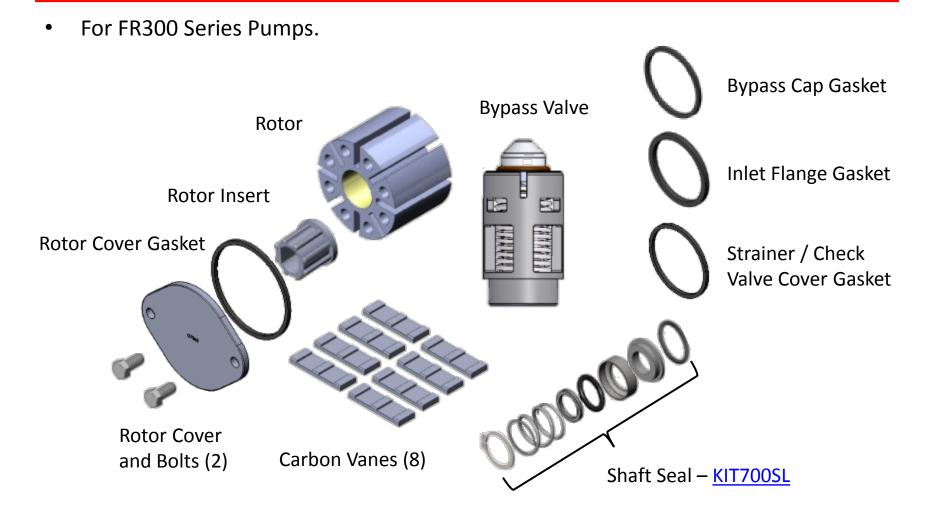
• For FR700 and FR300 Series Pumps.



Rotor Cover Gasket (15)



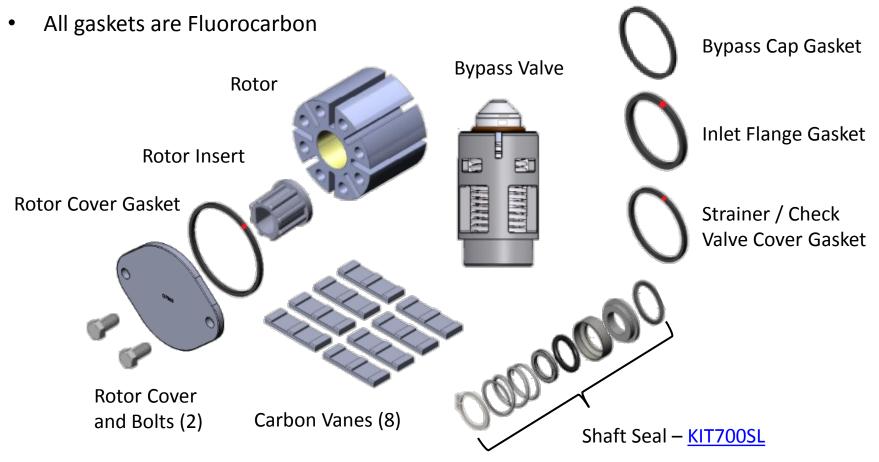
#### 300KTF7794 – Rebuild Kit





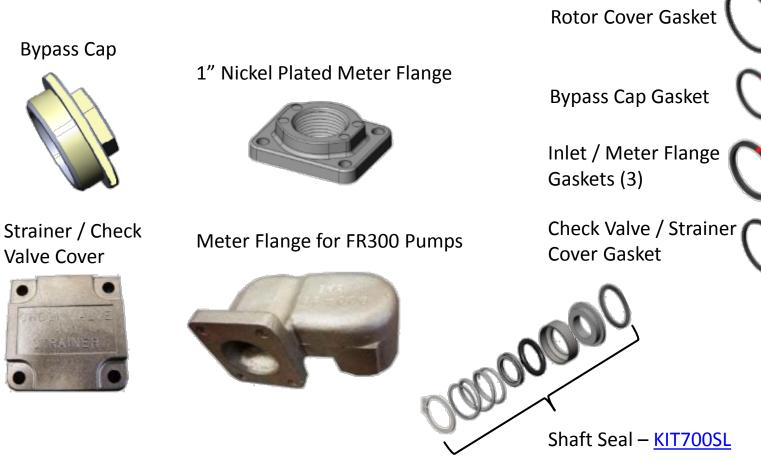
# BD300KTH0712 – Bio-Diesel Rebuild Kit

• For BD310V pump, or an FR300 series pump that has been converted using the KIT300BD Kit.



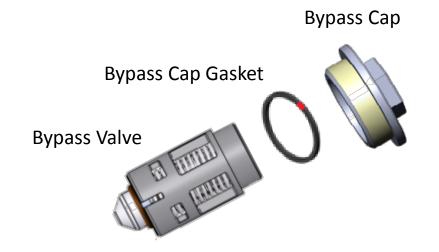


# KIT300BD – Bio-Diesel / E85 Conversion Kit



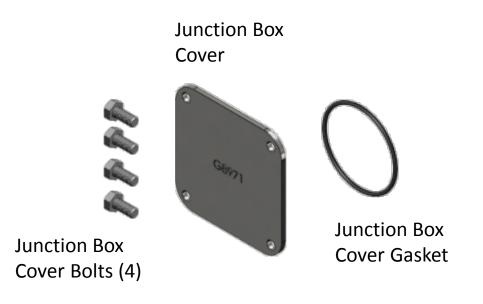


# KIT300BV – Bypass Valve Kit





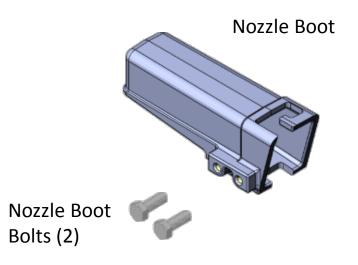
# KIT300JC – Junction Box Cover Kit





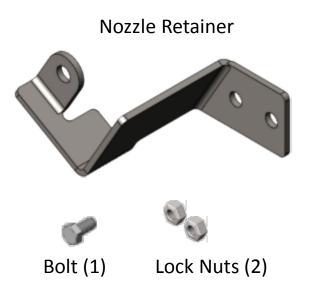
#### KIT300NB – Nozzle Boot Kit

- August 11, 2014 This kit is no longer available for purchase.
- Use <u>KIT120NB</u>.
- For FR300 Series Pumps.



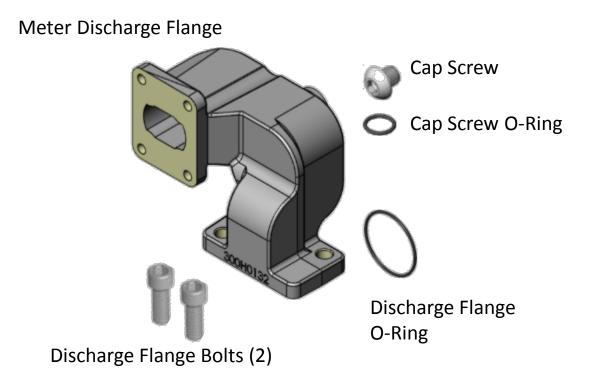


# KIT300NR – Nozzle Retainer Kit



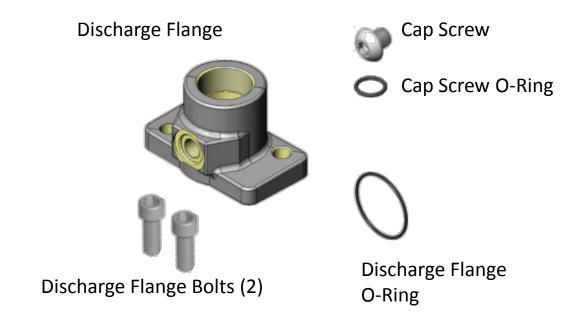


# KIT300MA – Meter Discharge Flange Kit



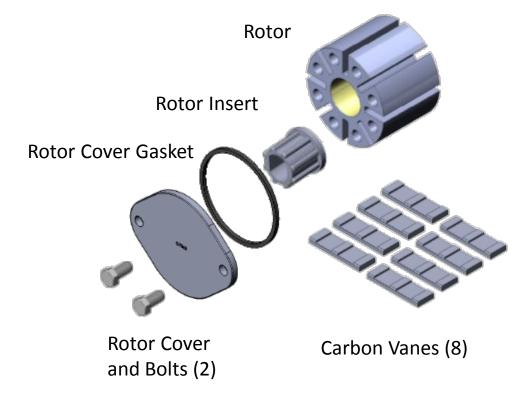


# KIT3000T – Straight Discharge Flange Kit





#### KIT300RG – Rotor Group Kit



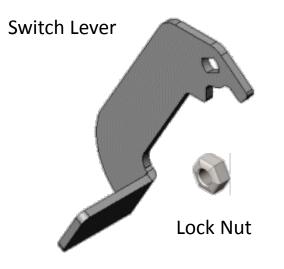


# KIT300SG – Check Valve / Strainer Kit





#### KIT300SW – Switch Lever Kit





### KIT300IP – Bulk Rotor Insert Kit

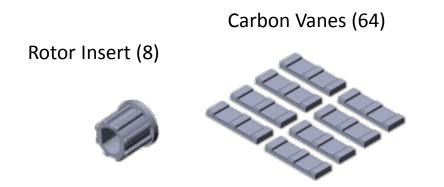
• For FR300 Series Pumps.

Rotor Insert (10)





#### KIT300VP – Bulk Vane Kit

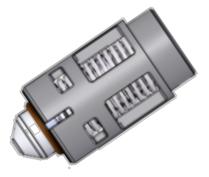




# KIT300BVP – Bulk Bypass Valve Kit

• For FR300 Series Pumps.

Bypass Valve (5)





# KIT300CVP – Bulk Check Valve / Strainer Kit

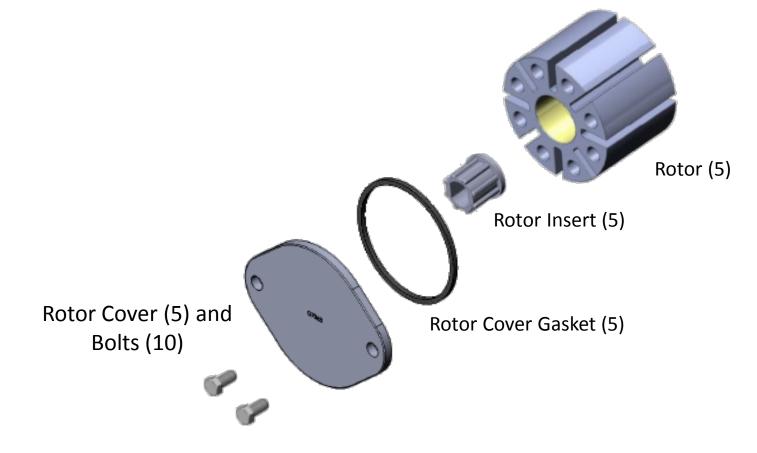
• For FR300 Series Pumps.

Check Valve / Strainer (5)





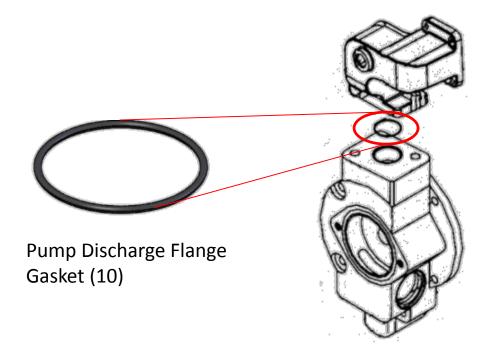
# KIT300RIP – Bulk Rotor / Insert Kit



#### KIT300FGP – Pump Discharge Flange Gasket Kit

Table of Contents Pump Kits FR300 Pump Kits

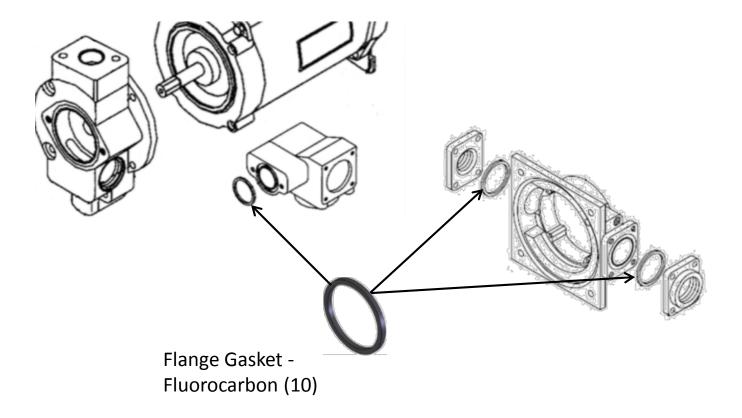
• For FR700 and FR300 Series Pumps.

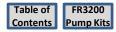




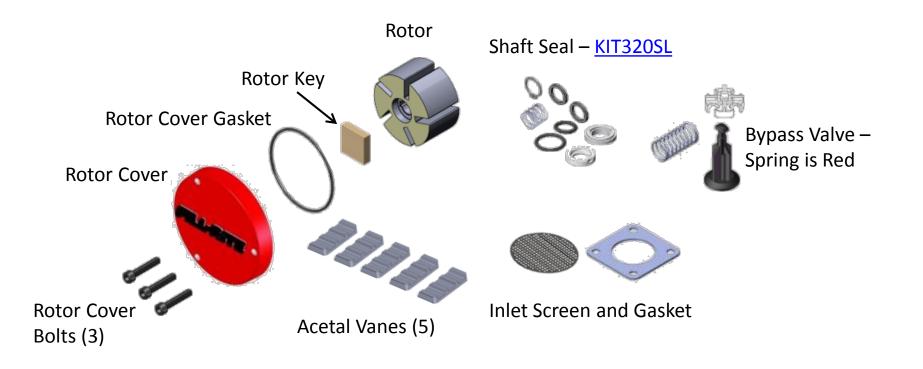
# KIT300GSK – Gasket Kit

- For FR300, FR300V, 700B, and 700V Series Pumps.
- For 900 and 900D Series Meters.



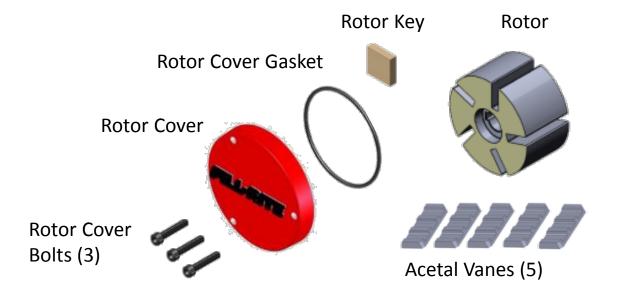


# KIT320RK – Rebuild Kit





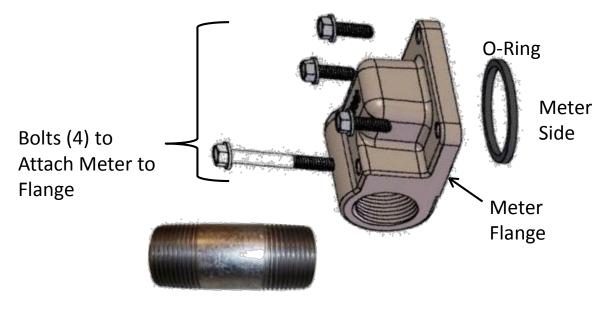
# KIT320RG – Rotor Group Kit





# KIT320MA – Meter Flange Kit

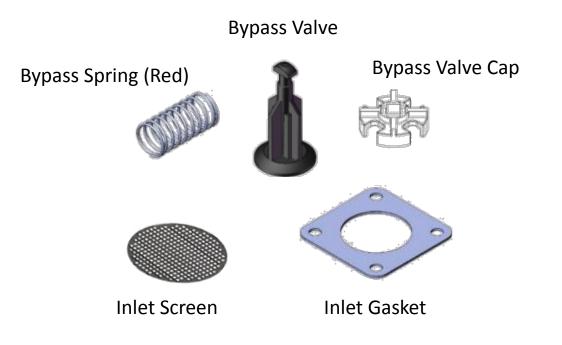
- For FR3200 Series Pumps.
- Use to attach 900 or 900D series meters to pump.
- Flange is Nickel Plated.

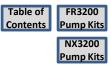


1" x 3" Pipe Nipple

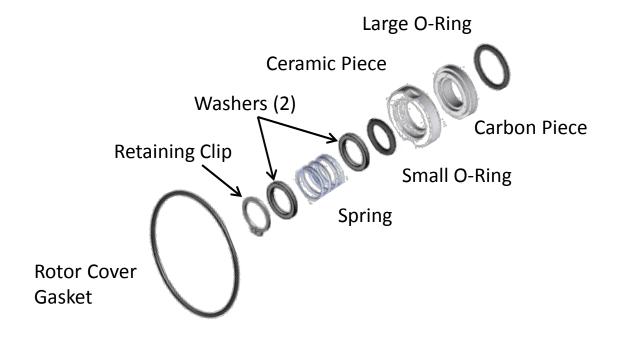


### KIT320BV – Bypass Valve Kit



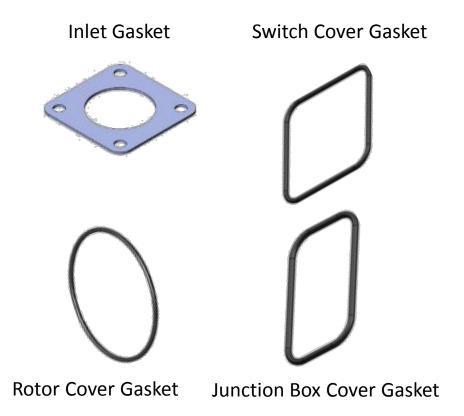


# KIT320SL – Shaft Seal Kit





#### KIT320SK – External Seals Kit





# KIT320BG – Inlet Flange Kit

• For FR3200 Series Pumps.

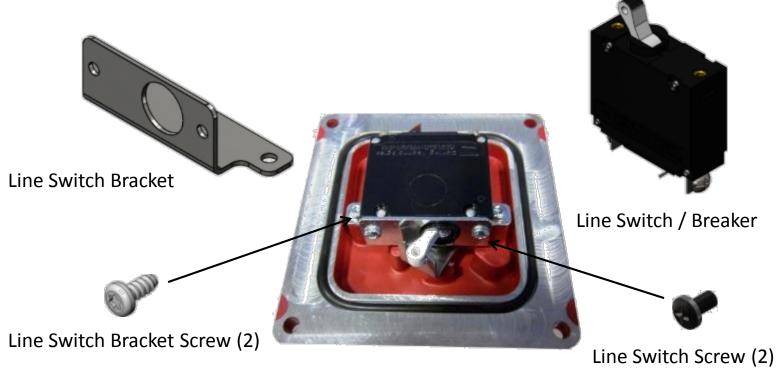


Inlet Flange Bolts (4) and Inlet Flange



# KIT320SW – Line Switch / Breaker Kit

• For FR3200 Series Pumps.

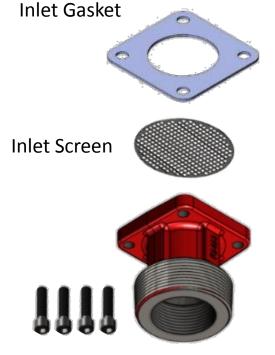


Line Switch Assembly



# KIT321BG – NPT Inlet Flange Kit

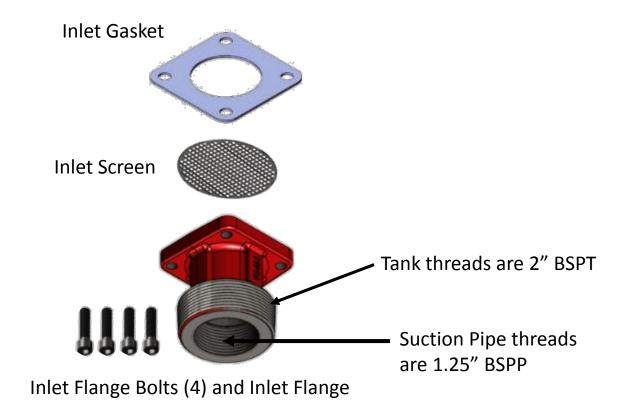
- For NX3200 Series Pumps.
- All threads are NPT.



Inlet Flange Bolts (4) and Inlet Flange

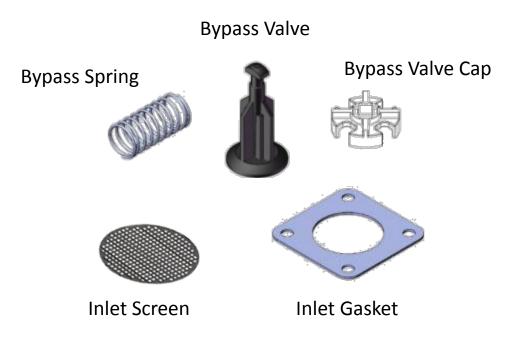


### KIT321BGB – BSPP Inlet Flange Kit





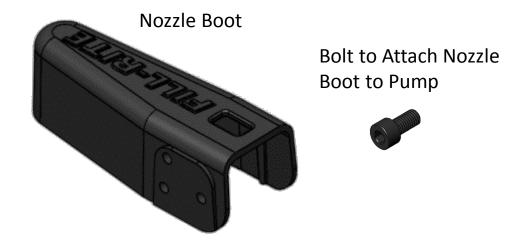
### KIT321BV – Bypass Valve Kit





#### KIT321NB – Nozzle Boot Kit

• For NX3200 Pumps.





#### KIT321AC – Power Cable Kit

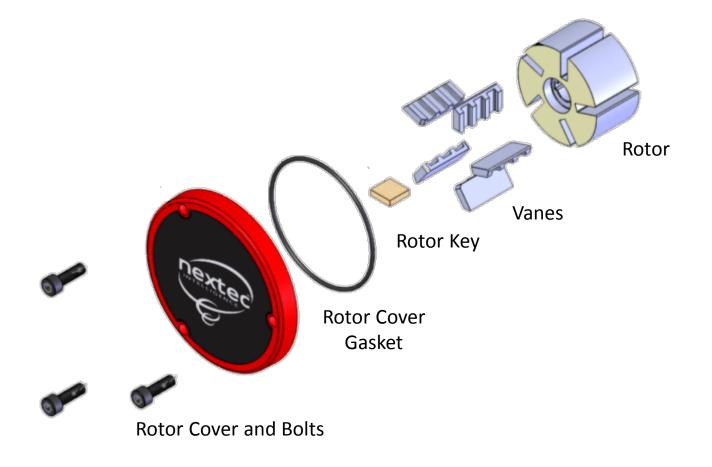
• For NX3200.

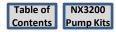




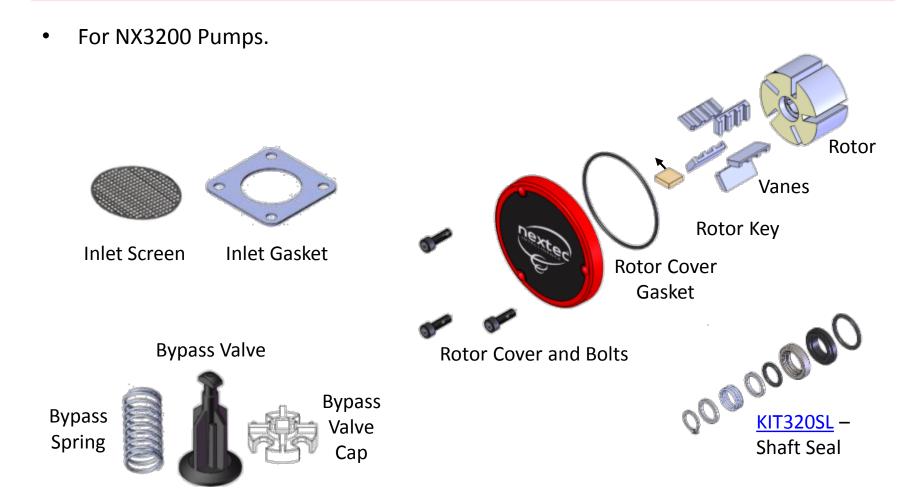
#### KIT321RG – Rotor Group Kit

• For NX3200 Pumps.





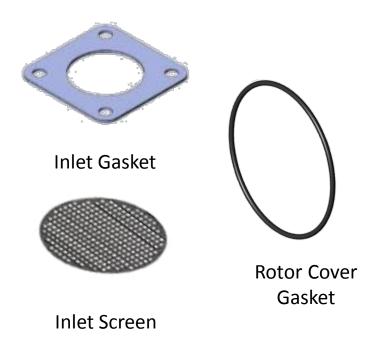
# KIT321RK – Rebuild Kit





# KIT321SK – All External Seals Kit

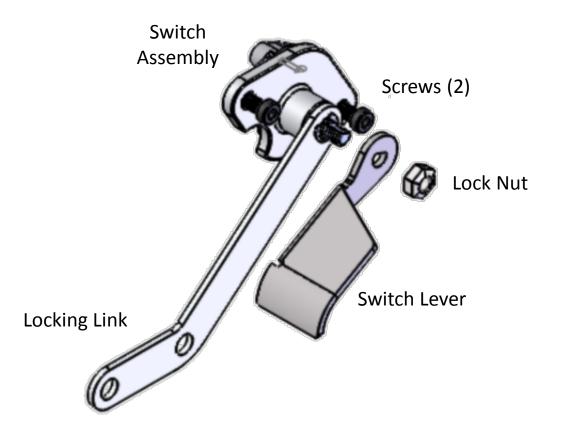
• For NX3200 Pumps.





#### KIT321SW – Switch Assembly Kit

• For NX3200 Pumps.





#### 30KTF4919 – Rebuild Kit

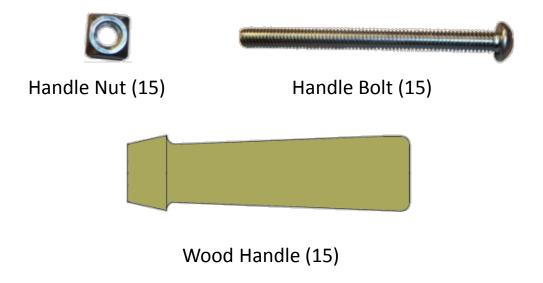
#### • For FR30 Series Pumps.





# KIT100WGP – Bulk Wood Handle Kit

• For FR30 and FR100 Series Pumps.





#### 100KTF1214 – Rebuild Kit

• For FR100 Series Pumps.





#### KIT100WHP – Bulk Shaft Seal Kit

• For FR100 Series Pumps.



O-Ring and Washer (5 each)



#### KIT152VB – Vacuum Breaker Kit

• For FR100 and FR5200 Series Pumps.



Vacuum Breaker



#### KIT152VBP – Bulk Vacuum Breaker Kit

• For FR100 and FR5200 Series Pumps.

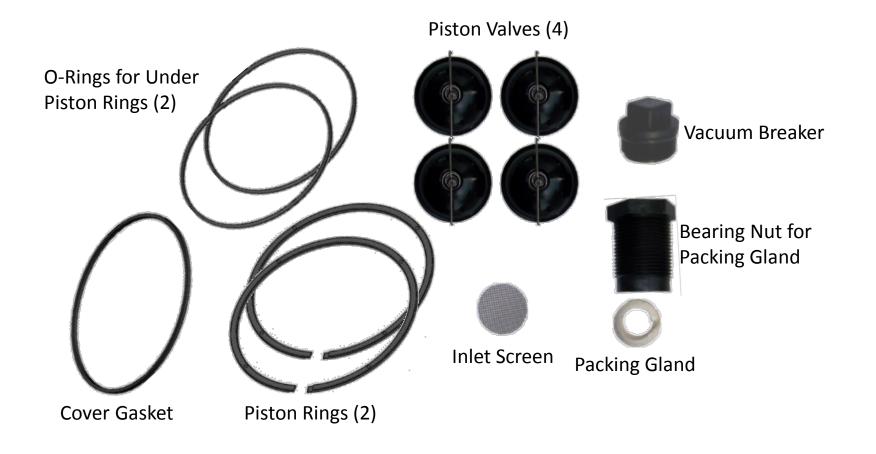


Vacuum Breaker(5)



#### 5200KTF1828 – Rebuild Kit

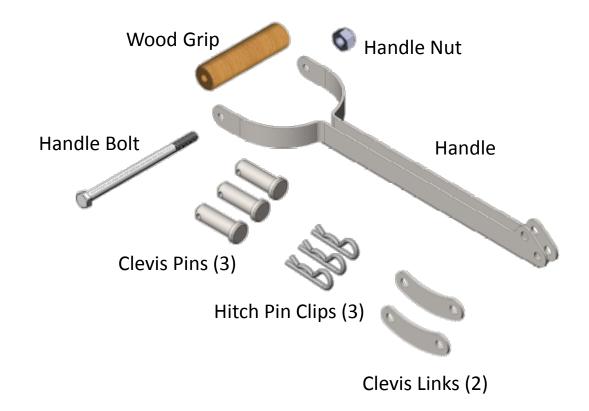
• For FR5200 Series Pumps.





#### KIT152HA – Handle Kit

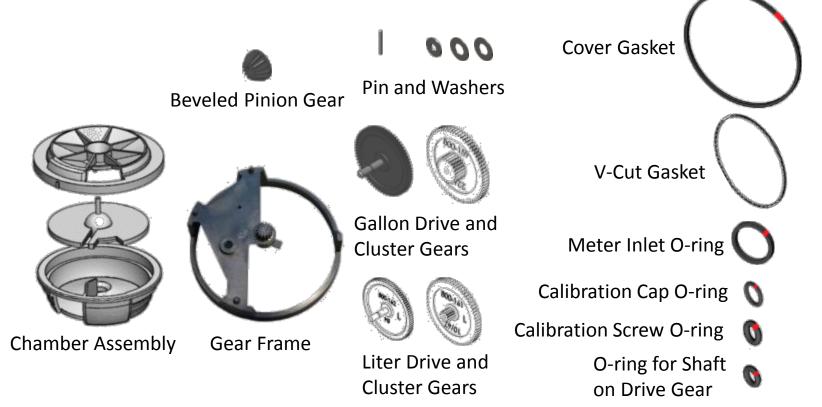
• For FR5200 Series Pumps.

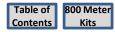




# 800KT – Rebuild Kit

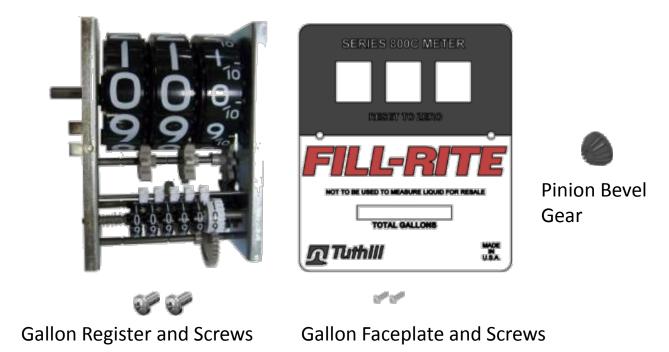
- For 800 Series mechanical meters.
- All gears are black.





# KIT800GR – Gallon Register / Faceplate Kit

• For 800 Series mechanical meters.





# KIT800LR – Liter Register / Faceplate Kit

• For 800 Series mechanical meters.





# KIT800MK – Mounting Kit for Small Pumps

• This kit is used to mount an 800 series meter to the 1200, 2400, and 600 series pumps.





## KIT800FPP – Bulk Gallon Faceplate Kit

• For 800 Series mechanical meters.

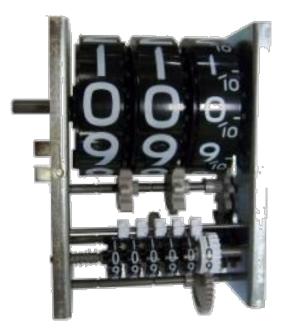
SERIES 800C METER		
RESEV TO ZERO		
<b>FILL-RITĖ</b>		
NOT TO BE USED TO MEASURE LIQUID FOR RESALE		
TOTAL GALLONS		

Gallon Faceplate (5)



# KIT800REP – Bulk Gallon Register Kit

• For 800 Series mechanical meters.

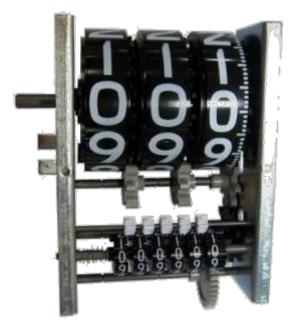


Gallon Register (5)



# KIT800LREP – Bulk Liter Register Kit

• For 800 Series mechanical meters.

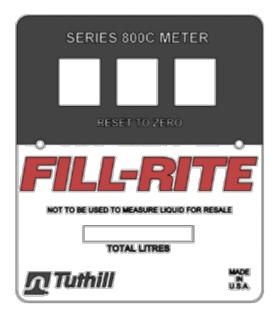


Liter Register (5)



# KIT800LFPP – Bulk Liter Faceplate Kit

• For 800 Series mechanical meters.



Liter Faceplate (5)



# KIT800CGP – Bulk Cover Gasket Kit

- For 800 Series mechanical meters.
- Material is Buna-N.

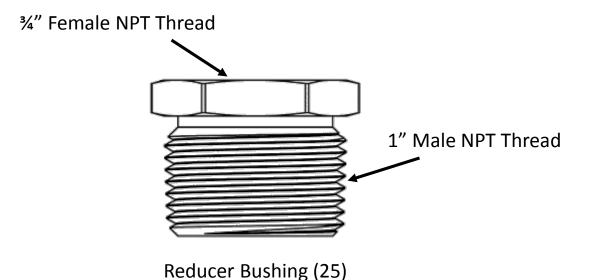


Cover Gasket (15)



## KIT800RBPK – Bulk Reducer Bushing Kit

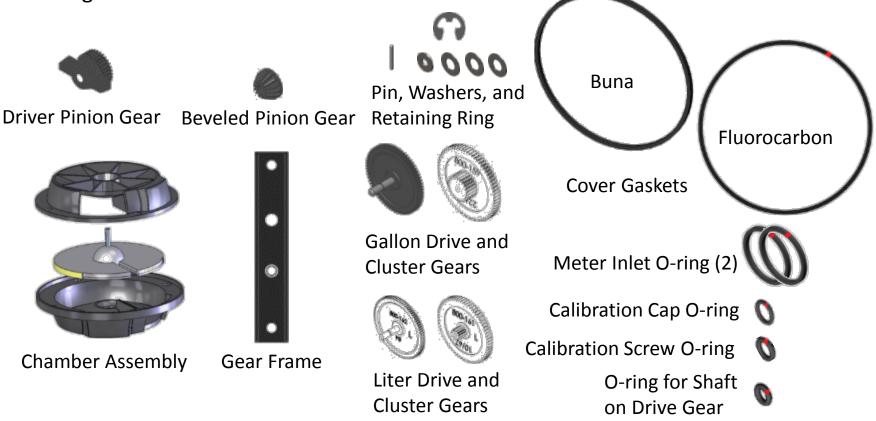
• 1" x ¾" Reducer Bushing





#### 900KT – Rebuild Kit

- For 900 Series mechanical meters.
- All gears are black.





# KIT900GR – Gallon Register / Faceplate Kit

• For 900 Series mechanical meters.



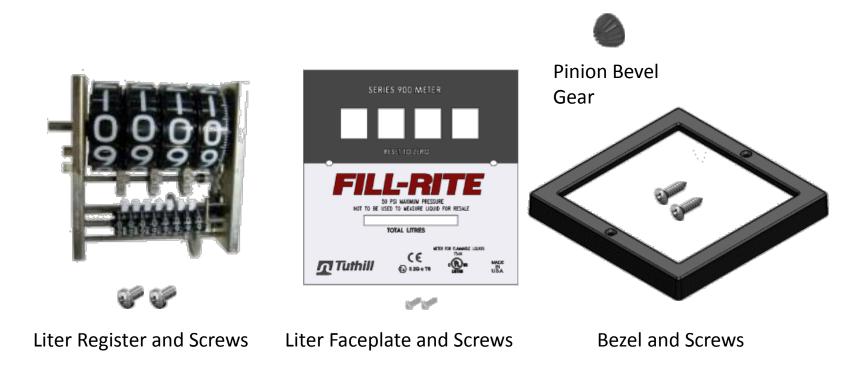
Gallon Register and Screws Gallon Faceplate and Screws

**Bezel and Screws** 



# KIT900LR – Liter Register / Faceplate Kit

- For 900 Series mechanical meters.
- The register is also used in all TN740, TN760 and TN860 meters.



# KIT900PF – Meter / Pump Flange Kit

Table of

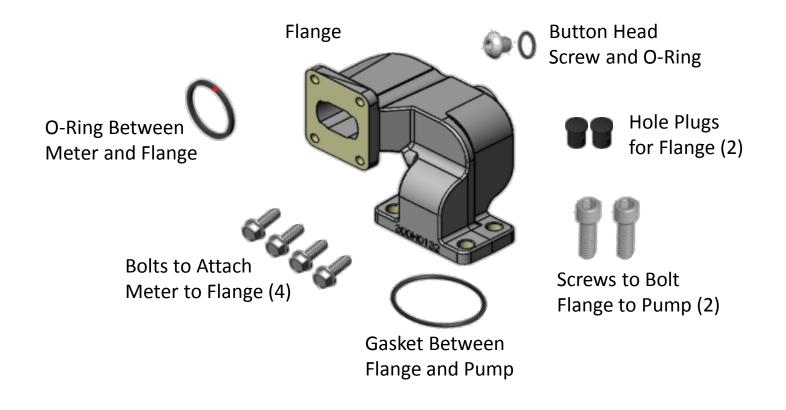
Contents

900 Meter

Kits 700

Kits

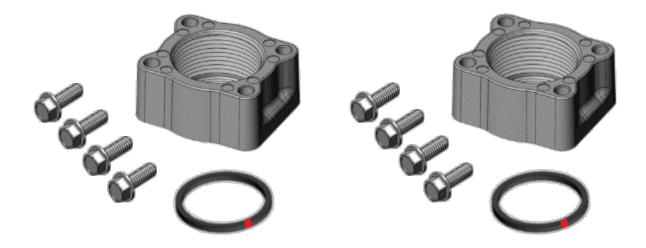
- For 900 Series mechanical and digital meters.
- Used to mount a 900 Series meter to a V series 700 or 300 large pump.



#### Table of<br/>Contents900 MeterKits

#### KIT900PF1.5N – Nickel 1½" NPT Meter Flange Kit

- For 900 Series mechanical and digital meters.
- The nickel plated flanges will have a yellowish color.



Nickel Plated 1<sup>1</sup>/<sub>2</sub>" NPT Meter Flanges (2), Gaskets (2), and Screws (8)

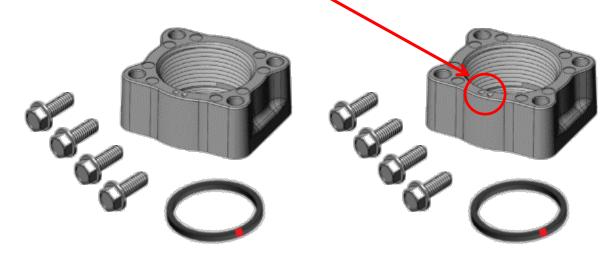
#### KIT900PF1.5B – Nickel 1½" BSP Meter Flange Kit

900 Meter

Kits

Table of Contents

- For 900 Series mechanical and digital meters.
- The nickel plated flanges will have a yellowish color.
- These two divots indicate the threads are BSP.

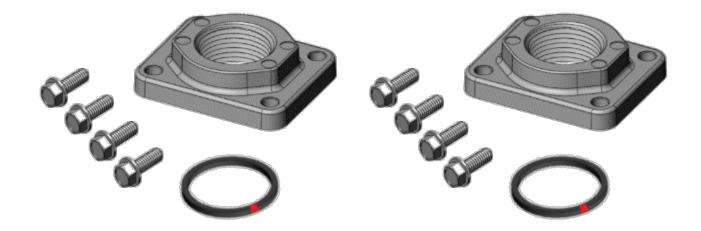


Nickel Plated 1<sup>1</sup>/<sub>2</sub>" BSP Meter Flanges (2), Gaskets (2), and Screws (8)

#### Table of<br/>Contents900 MeterKits

#### KIT900PF1N – Nickel 1" NPT Meter Flange Kit

- For 900 Series mechanical and digital meters.
- The nickel plated flanges will have a yellowish color.

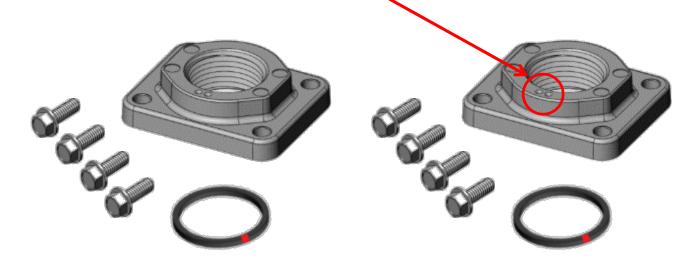


Nickel Plated 1" NPT Meter Flanges (2), Gaskets (2), and Screws (8)

#### Table of<br/>Contents900 MeterKits

#### KIT900PF1B – Nickel 1" BSP Meter Flange Kit

- For 900 Series mechanical and digital meters.
- The nickel plated flanges will have a yellowish color.
- These two divots indicate the threads are BSP.



Nickel Plated 1" BSPT Meter Flanges (2), Gaskets (2), and Screws (8)



## KIT900FPP – Bulk Gallon Faceplate Kit

• For 900 Series mechanical meters.

SERIES 900 METER	
RESET TO ZERO	
FILL-RITE	
NOT TO BE USED TO MEASURE LIQUID FOR RESALE	
TOTAL GALLONS	
N. Tuthill	MADE IN U.S.A.

Gallon Faceplate (5)



# KIT900REP – Bulk Gallon Register Kit

• For 900 Series mechanical meters.



Gallon Register (5)

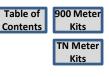


# KIT900LFPP – Bulk Liter Faceplate Kit

• For 900 Series mechanical meters.

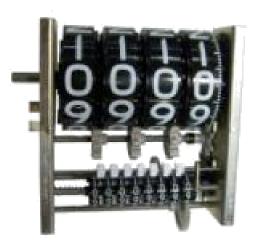
SERIES 900 METER	
RESET TO ZERO	
FILL-RITE	
NOT TO BE USED TO MEASURE LIQUID FOR RESALE	
TOTAL LITRES	
R Tuthill	MADE IN U.S.A.

Liter Faceplate (5)



# KIT900LREP – Bulk Liter Register Kit

- For 900 Series mechanical meters.
- The register is also used in all TN740, TN760 and TN860 meters.



Liter Register (5)



## MC8600 – Meter Chamber Assembly

- For TN740 meters.
- **Do not** use in the TN760 or TN860 meters as it will not fit.



Meter Chamber Assembly



## MC8800 – Meter Chamber Assembly

- For TN760 and TN860 meters.
- **Do not** use in the TN740 meters as it will not fit.

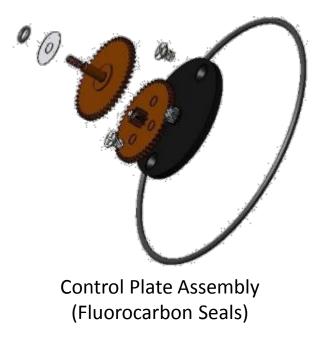


Meter Chamber Assembly



### RK8101 – Control Plate Assembly

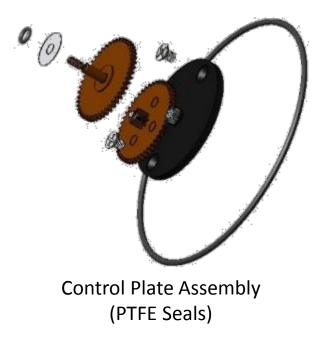
- For TN740, TN760 and TN860 meters.
- Seals in this kit are Fluorocarbon.





#### RK8201 – Control Plate Assembly

- For TN860 meters.
- Seals in this kit are PTFE.





#### RK3700 – Register Cover and Reset Knob

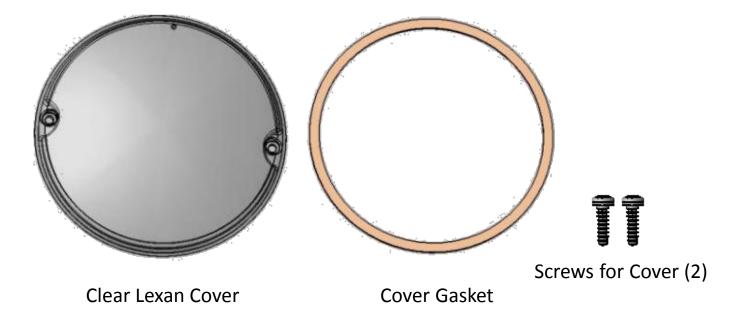
• For TN740, TN760, and TN860 meters.





#### PL5250 – Cover, Gasket and Screws

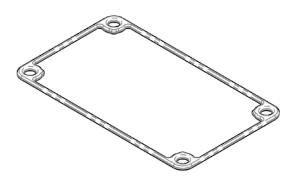
• For TN740, TN760, and TN860 meters.





#### KITMODTT10A – TT10A Replacement Module

• For TT10AN, TT10AB, TT10ANC, and TT10ABC meters.





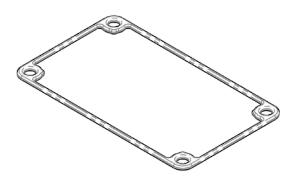


Meter Module



#### KITMODTT10P – TT10P Replacement Module

• For TT10PN and TT10PB meters.





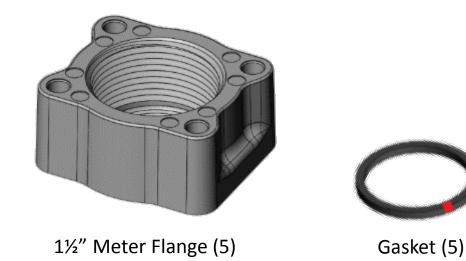
Track Gasket

Meter Module



#### KIT900FGP – Bulk 1½" NPT Meter Flange / Gasket Kit

• For 900 Series mechanical meters.





# KIT900CGP – Bulk Cover Gasket Kit

- For 900 Series mechanical meters.
- Material is Buna-N.

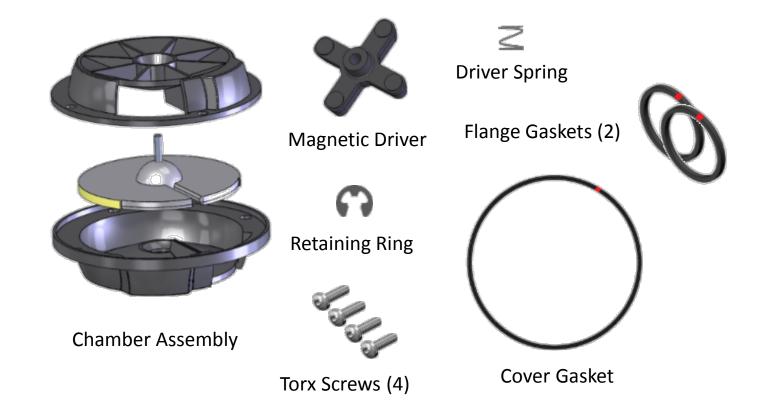


Cover Gasket (5)



## 900DKT – Rebuild Kit

• For 900 Digital meters.





## KIT900DPBA – Intrinsically Safe Barrier

• For 900CDP Digital meters.

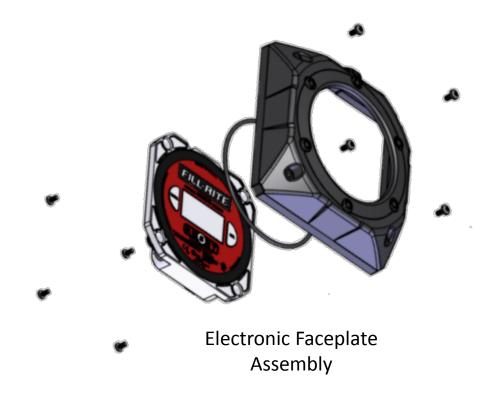


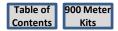
Intrinsically Safe Barrier



## KIT900CDFP – 900CD Electronic Faceplate

- For 900CD Digital meters.
- Comes assembled.

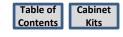




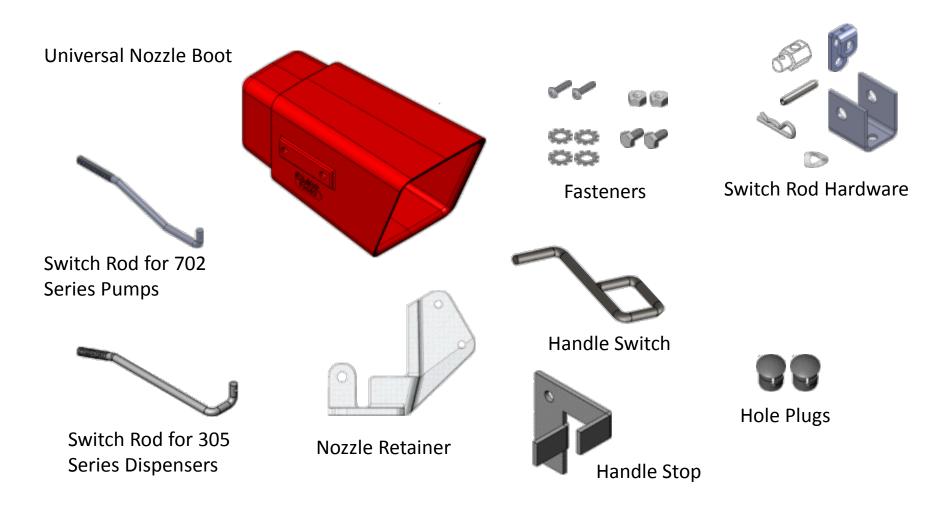
#### KIT900CDPFP – 900CDP Electronic Faceplate

- For 900CDP Digital meters.
- Comes assembled.



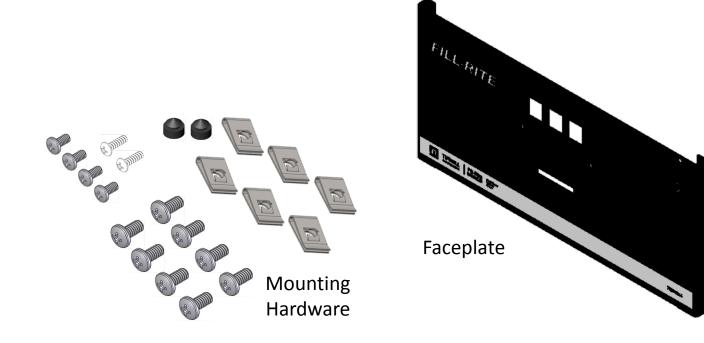


#### 702KTF3518 – Universal Nozzle Boot and Switch Rod Kit



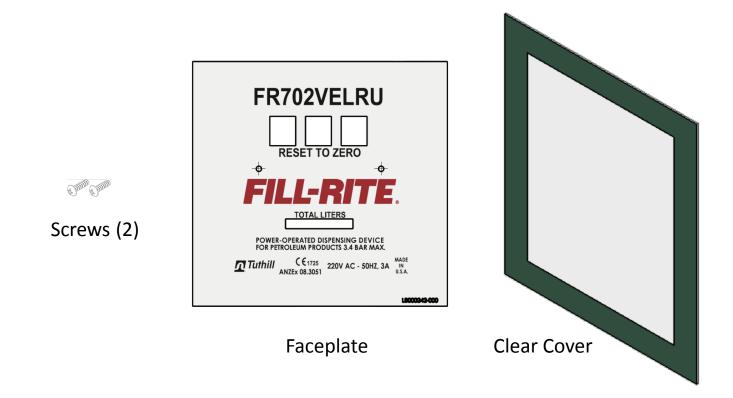


## KIT702FP – Old FR702 Faceplate



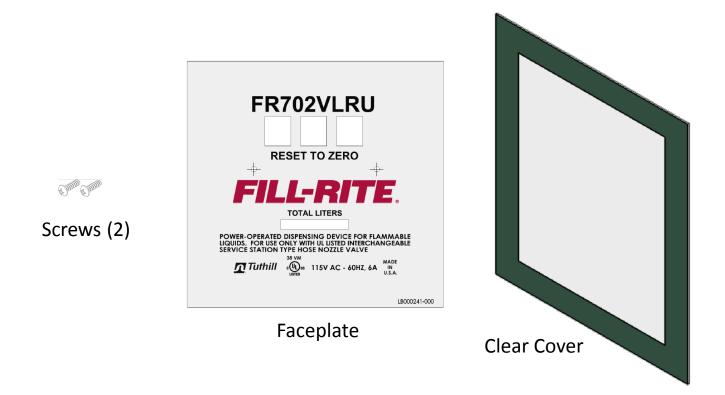


## KIT702VELRUFP – FR702VELRU Faceplate



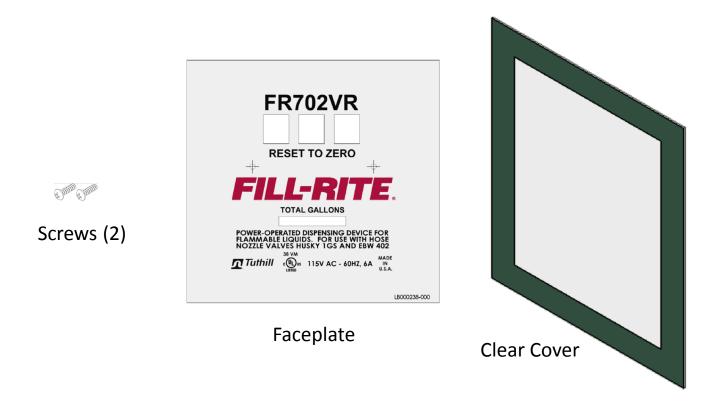


## KIT702VLRUFP – FR702VLRU Faceplate



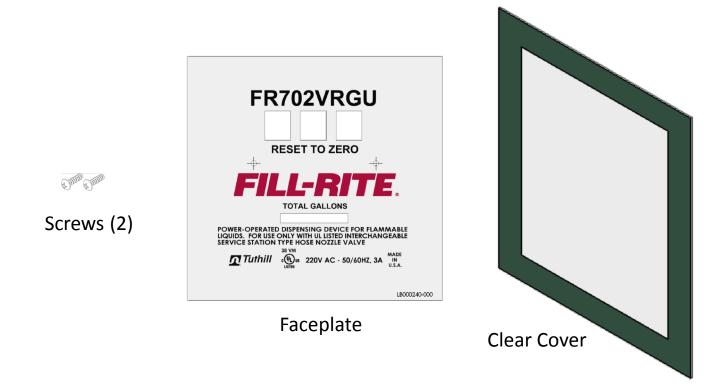


#### KIT702VRFP – FR702VR Faceplate



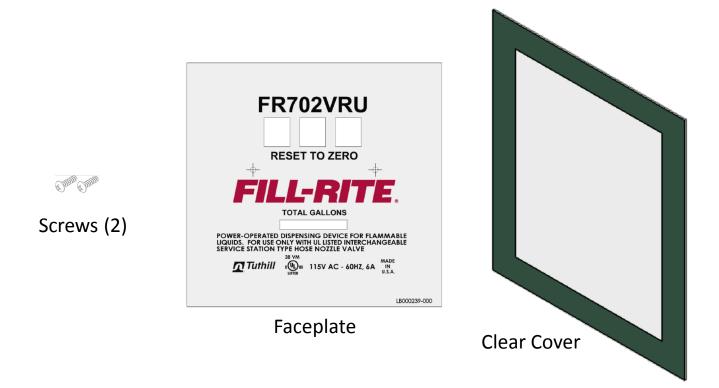


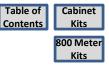
### KIT702VRGUFP – FR702VRGU Faceplate





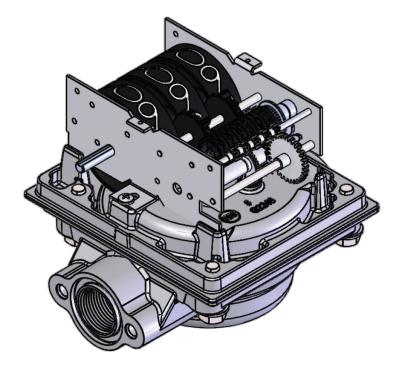
#### KIT702VRUFP – FR702VRU Faceplate

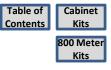




## KIT702MG – Gallon Meter

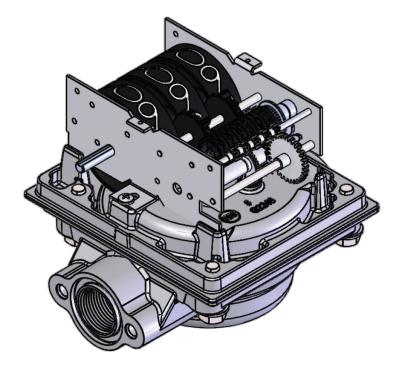
• Used with FR702 or FR702V Cabinet Pumps





## KIT702ML – Liter Meter

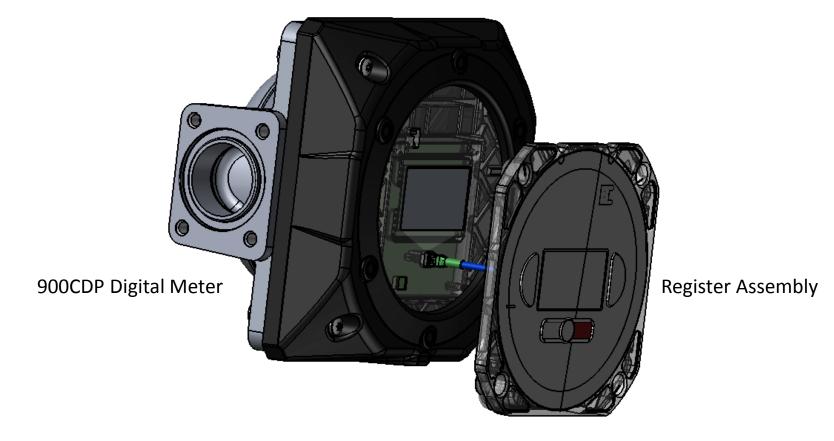
• Used with FR702 or FR702V Cabinet Pumps





## KIT900CABINT – Digital Meter Kit

• Used in the FR902DP and FR302DP Cabinets





# KIT302DPD – Digital Register Kit

- Used in the FR902DP and FR302DP Cabinets
- The register has the cable coming out the back to connect to the meter in the cabinets.



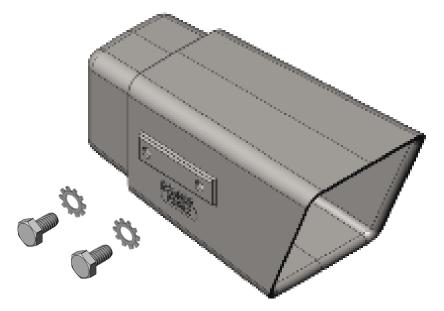
Screws (4) and Washers (4)





## KIT305NZ – Universal Nozzle Boot Kit

• Can be used on the older FR305 cabinet meters, the FR702 cabinet pumps, the FR902DPU and FR302DPU.

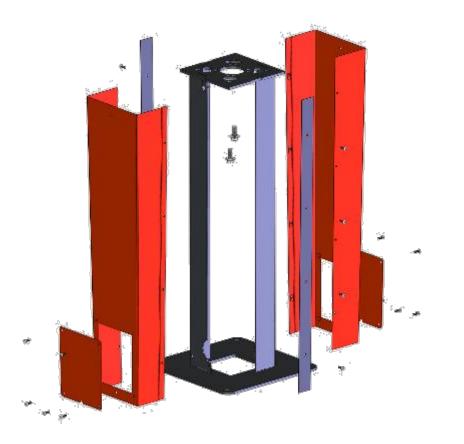


Universal Nozzle Boot and Mounting Hardware



#### KITPD – Pedestal

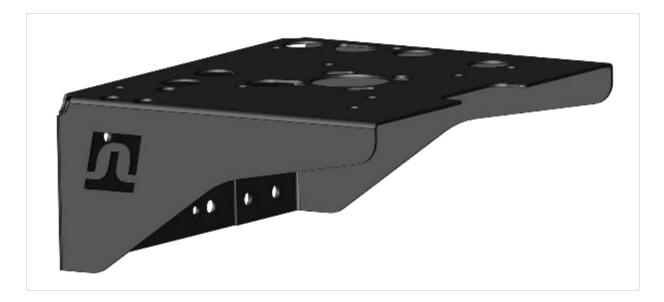
• Can be used with the FR902DPU and FR302DPU Only.





### KITWM – Wall Mount Bracket

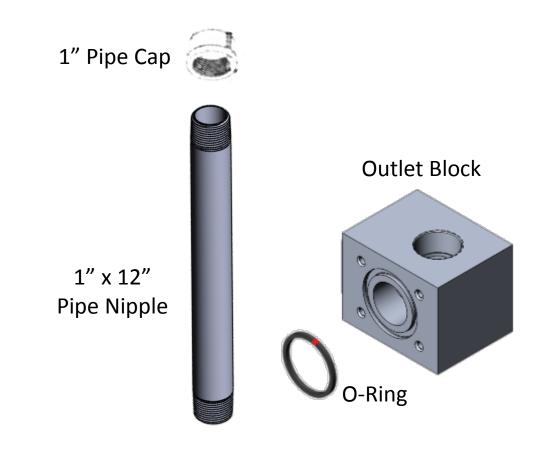
• Can be used with the FR902DPU and FR302DPU Only.





## **KITHA – Hammer Arrestor**

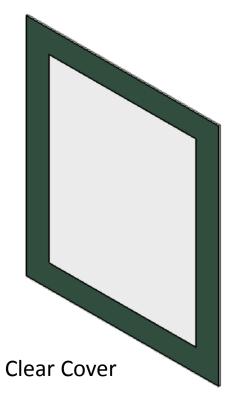
• Used with the FR902DPU and FR302DPU cabinets.





## KIT902CC – Clear Cover

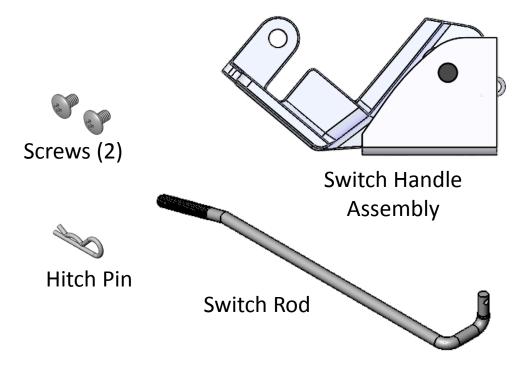
• Used on the FR902C mechanical meter cabinets and the FR702V pump cabinets.





## KIT902HA – Switch Handle Assembly

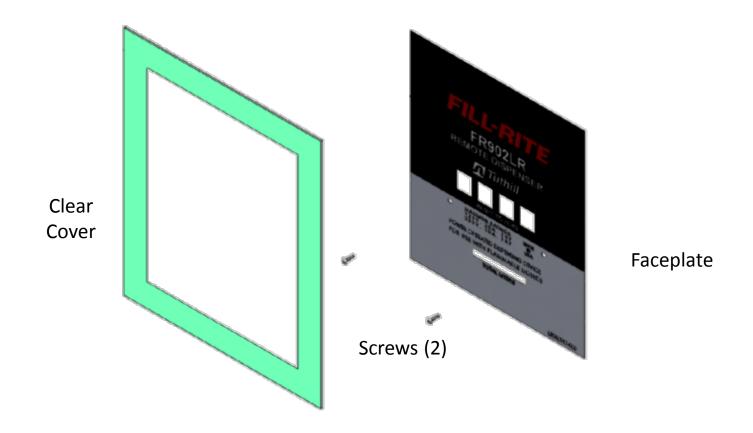
• Used on the FR902C mechanical meter cabinets.





## KIT902LRFP – FR902CLR Faceplate

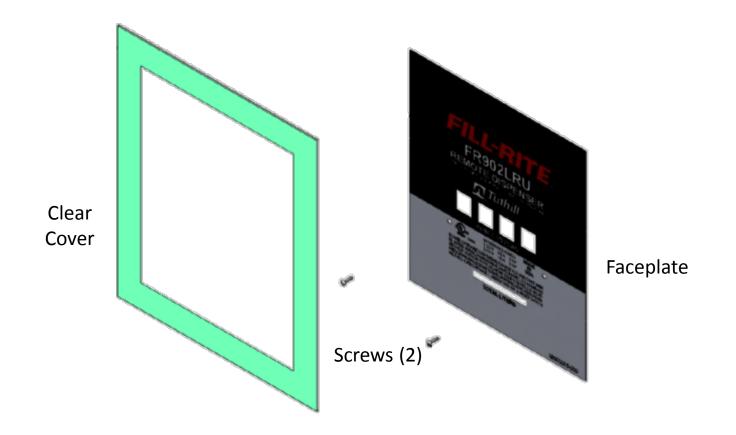
• Used on the FR902CLR mechanical meter cabinet.





## KIT902LRUFP – FR902CLRU Faceplate

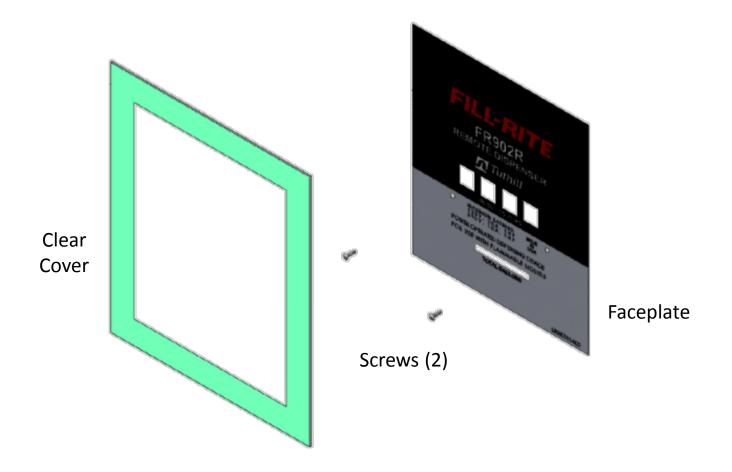
• Used on the FR902CLRU mechanical meter cabinet.





## KIT902RFP – FR902CR Faceplate

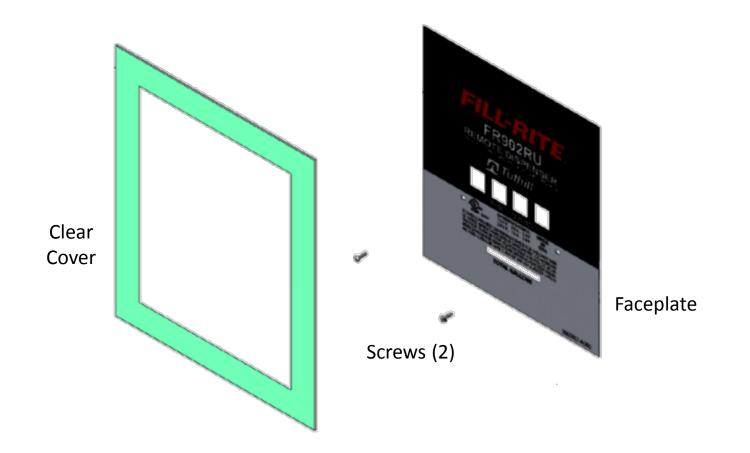
• Used on the FR902CR mechanical meter cabinet.





## KIT902RUFP – FR902CRU Faceplate

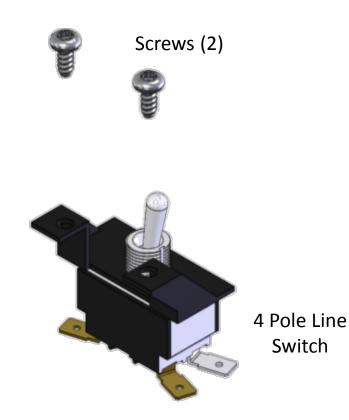
• Used on the FR902CRU mechanical meter cabinet.





## KIT902LS – Line Switch

• Used on the FR902C mechanical meter cabinets.



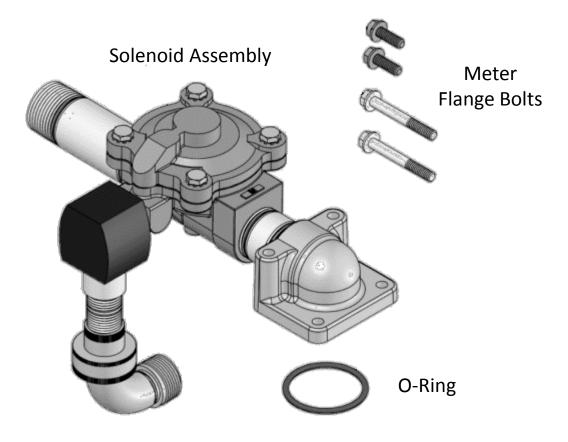
## KIT902SV – Replacement Solenoid Valve

Cabinet

Kits

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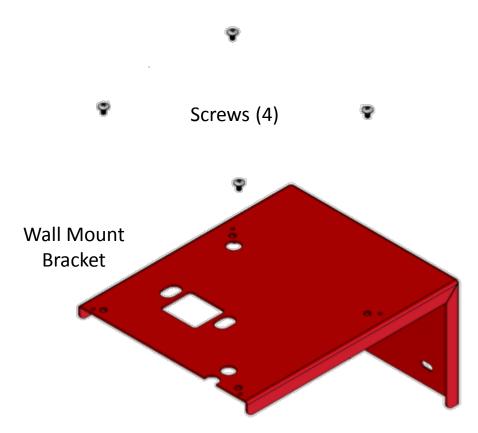
• Used on the FR902C UL listed mechanical meter cabinets.





## KIT902MB – Wall Mount Bracket

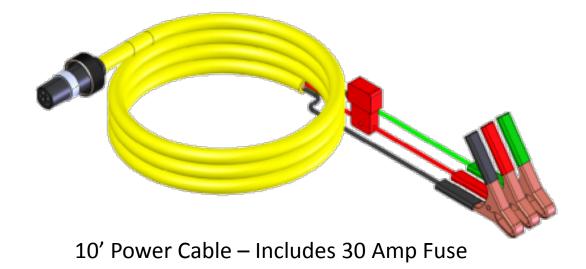
• Used on the FR902C mechanical meter cabinets.





#### KIT812PC – Power Cable Kit

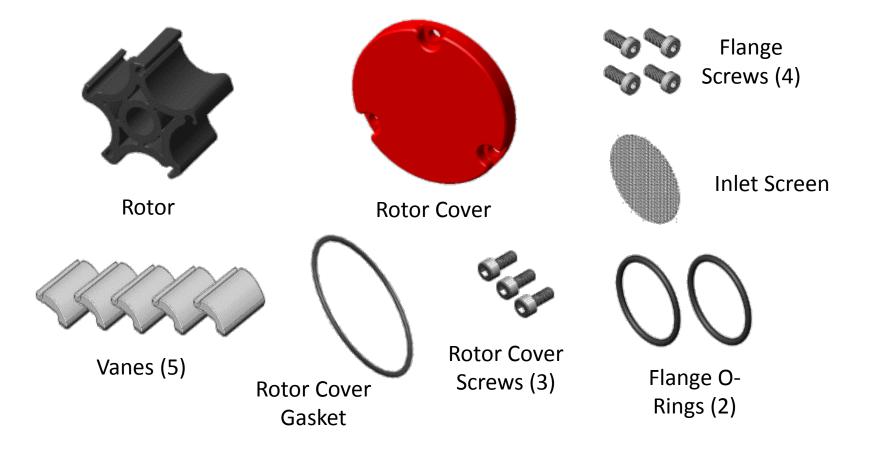
• Used with the RD8 and RD12 series pumps.





## KIT812RG – 8 GPM Rebuild Kit

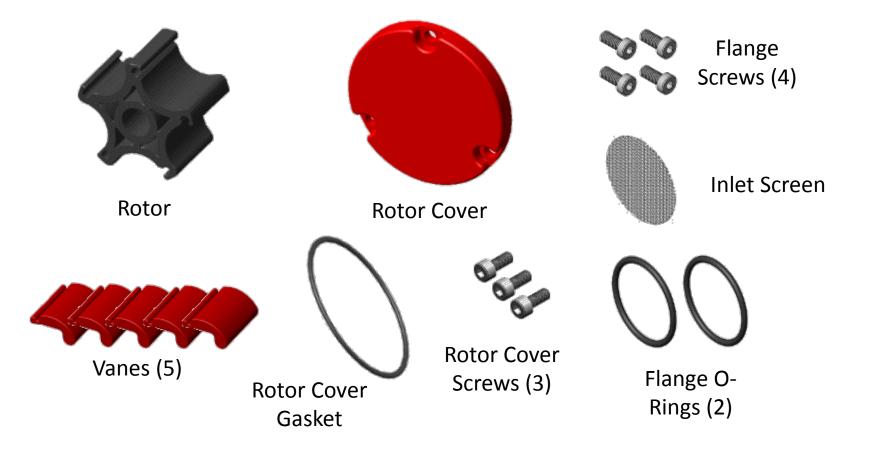
• Used with the RD8 series pumps.





## KIT1212RG – 12 GPM Rebuild Kit

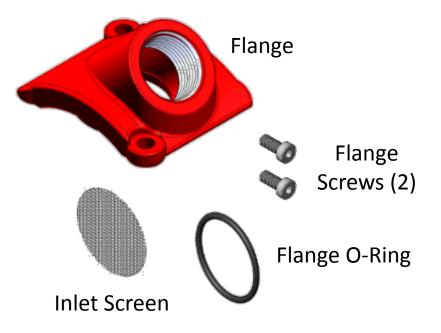
• Used with the RD12 series pumps.





# KIT812FL – Single NPT Flange Kit

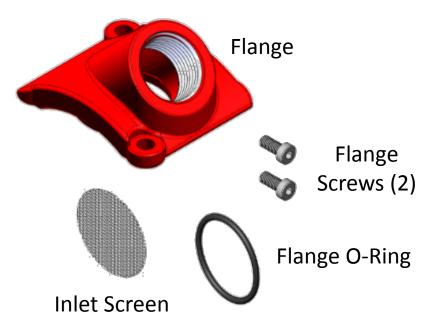
- Used with the RD8 and FR12 series pumps.
- NPT thread in flange.





# KIT812FLB – Single BSPP Flange Kit

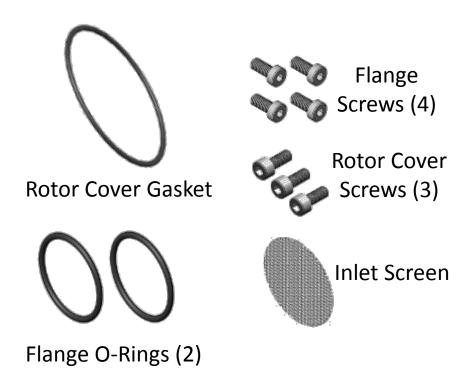
- Used with the RD8 and FR12 series pumps.
- BSPP thread in flange.





# KIT812SL – Seal Kit

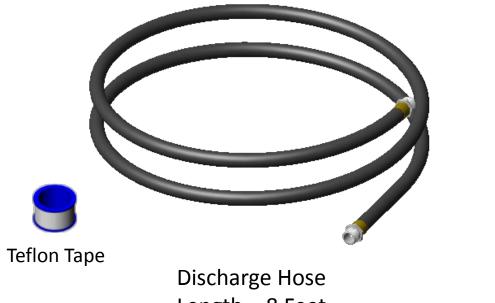
• Used with the RD8 and RD12 series pumps.





#### KIT812NH – 8 GPM Hose Kit

• Used with the RD8 series pumps.



Length – 8 Feet Diameter – 5/8" Fittings – ¾" NPT Suction Hose Length – 6 Feet Diameter – ¾" Fittings – ¾" NPT



### KIT1212NH – 12 GPM Hose Kit

• Used with the RD12 series pumps.



Discharge Hose Length – 8 Feet Diameter –¾" Fittings – ¾" NPT

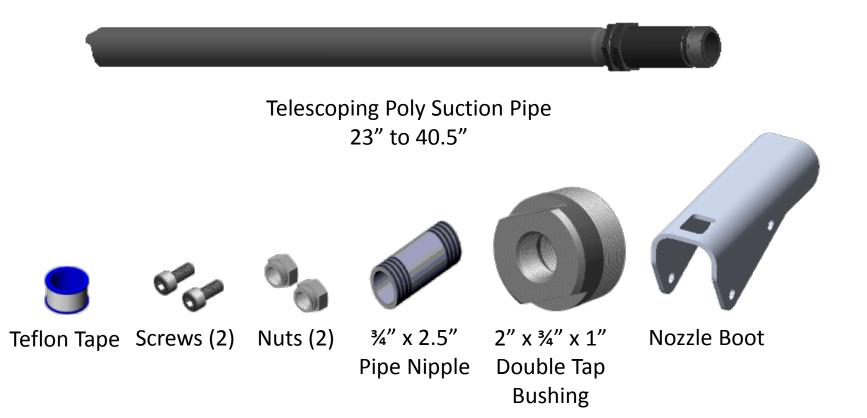


Suction Hose Length – 6 Feet Diameter – ¾" Fittings – ¾" NPT



# KIT812NP – Bung Mount Kit

• Used with the RD8 and RD12 series pumps.



# KIT180DTPS – Suction Tube Assembly Kit

 Can be used as a suction tube for the DEF pumps. Is intended to fit into a drum. Threads for the drum are 2" NPT threads.

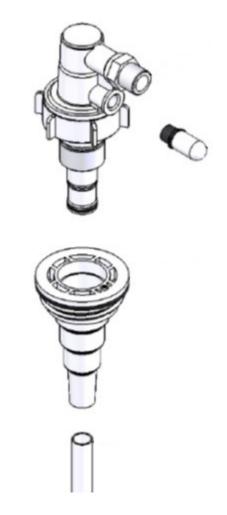


Table of

Content

DEF

Kits



## KIT180MAMPS – DEF KIT

- For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.
- All threads are <sup>3</sup>/<sub>4</sub>" BSPP threads.





## KIT180MAPS – DEF KIT

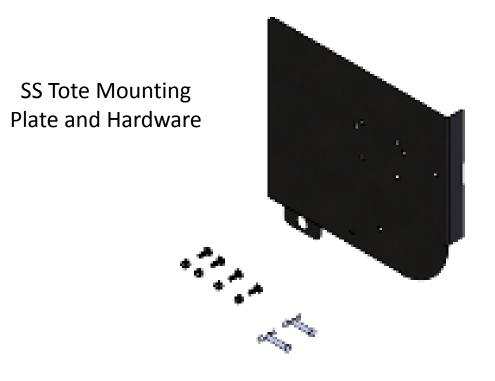
- For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.
- All threads are <sup>3</sup>/<sub>4</sub>" BSPP threads.





# KIT180MPPS – DEF KIT

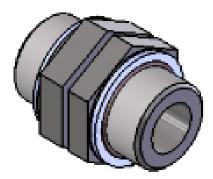
• For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.





#### KIT180SP – ¾" SS Union Kit

• For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.

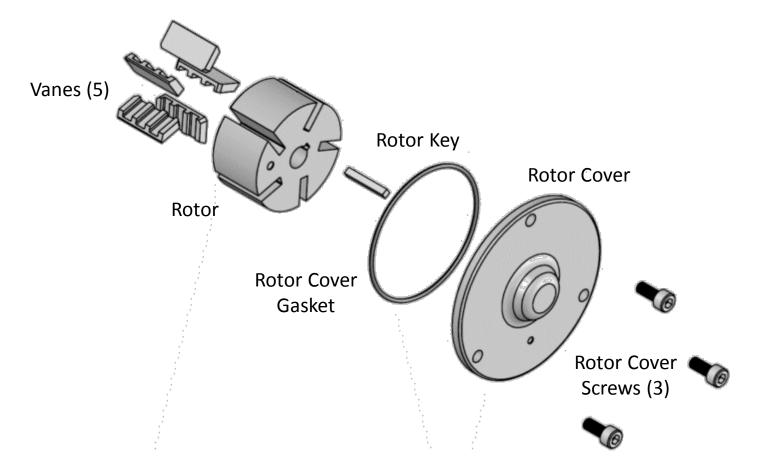


Stainless Steel Union

#### Table ofDEFContentsKits

# KITFR32V – SS DEF Pump Rebuild Kit

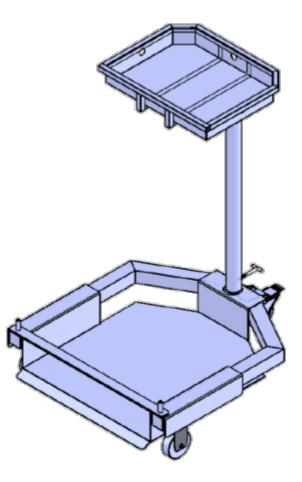
• For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.





### KITFR55DU – 55 Gallon Drum Stand

• For use with FRSA, FRSD, and SV Stainless Steel DEF Pumps.





## KITHA32V – Hose w/ Ball Valve Tap

• For use with the FRHP32V and FRAP32V.



# KITHA32VMN – Hose w/ Manual Nozzle

DEF

Kits

Table of

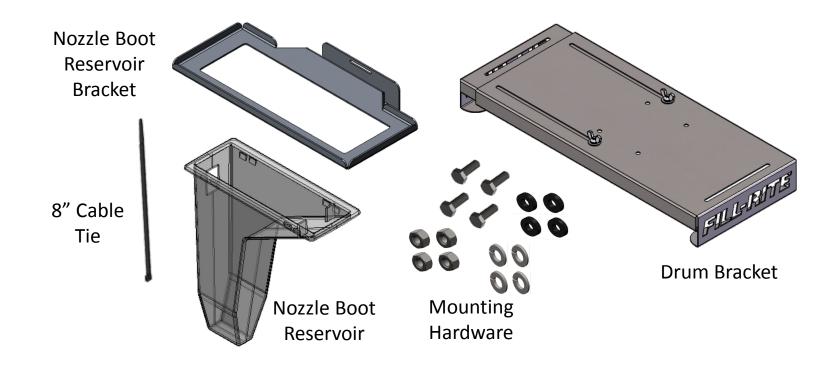
Contents

• For use with the FRHP32V and FRAP32V.



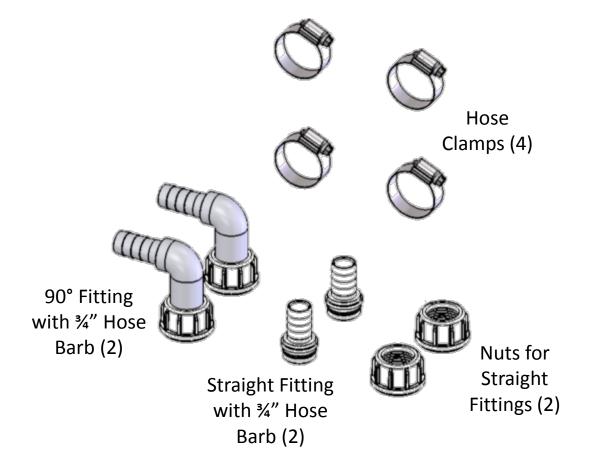


#### KITDFDB – Drum Bracket





# KITDFFK – Fittings





#### KITDFH05 – Suction Hose

• For use with all DF pumps.



5' x ¾" EPDM Suction Hose



#### KITDFH20 – Discharge Hose

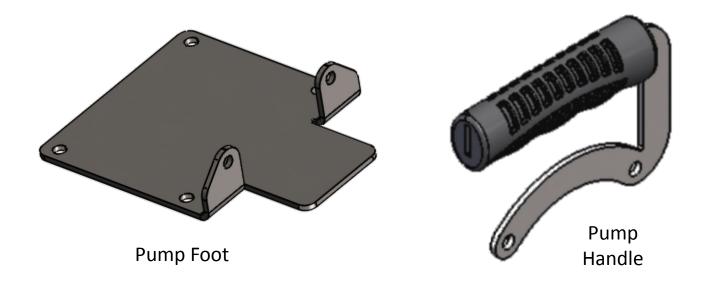
• For use with all DF pumps.



20' x ¾" EPDM Discharge Hose

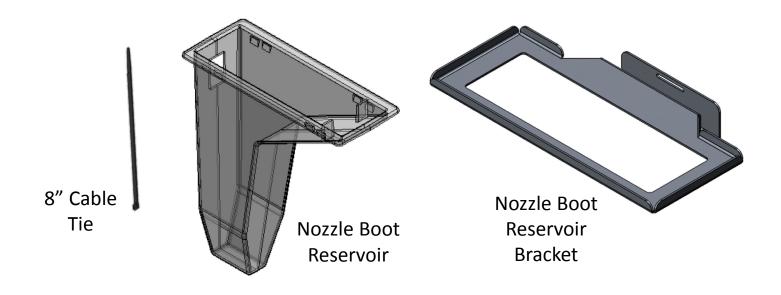
#### Table ofDEFContentsKits

## KITDFHF – Replacement Handle and Foot





#### KITDFNB – Nozzle Boot Reservoir





### KITDFPK – Spare Parts

