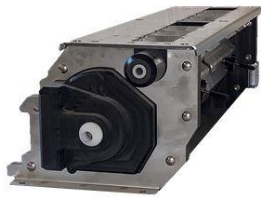


# BOSS 2.0 KIT

BOSS20

## CONTENTS

### METER HOUSING



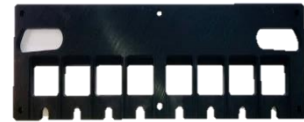
BOSS20

### MOUNTING PLATE



MPLATE

### SLIDE GATE PLASTIC



SGPLATE200

### DROP IN DIVIDERS



DIVIDER

### SLIDE GATE DOOR (8)



SGDOOR200

### SLIDE GATE HANDLE (8) w/Hardware



SGHNDL200

### METER ROLL DRIVE SHAFT



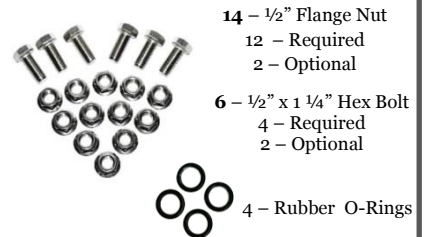
SHAFT250

### DRIVE COUPLER KIT



DRVCPK

### METER HARDWARE



14 - 1/2" Flange Nut  
12 - Required  
2 - Optional

6 - 1/2" x 1 1/4" Hex Bolt  
4 - Required  
2 - Optional

4 - Rubber O-Rings

METERHW

## Installed items

Agitator Shaft w/Agitators & Hardware  
Bushings  
Locking Handle & Hardware

For Instructions Go To Next Page →

## Supplies Needed

Punches (2)- 3/4" Flat Wrench 7/16" Flat Wrench Never-Seize Silicone (Clear RTV)

### Prior To Meter Installation

\*Remove drive sprocket, agitator drive arm & tank pressure air fitting from existing housing and set aside for attaching to BOSS 2.0

\*\*Assemble Drive Shaft (*SHAFT250*) by fastening Drive Coupler (*DRVCPL*) with roll pin – **included**

\*\*\*Install assembled drive shaft into meter housing and re-attach sprocket and agitator drive arm from existing housing to the drive shaft. Then re-install tank pressure air fitting.

\*\*\*\*Make sure transition and gasket have been installed

**\*REMEMBER TO NEVER-SEIZE ALL STAINLESS HARDWARE – STAINLESS BINDS\***

## Meter Installation

### 1.) Attach Mounting Plate

#### Need

MPLATE  
4 – 1/2" x 1 1/4" Hex Bolts  
6 – 1/2" Flange Nuts  
  
3/4" Flat wrench  
Punches

Place Mounting Plate (*MPLATE*) to cart frame and fasten to short transition studs using 2- 1/2" Flange Nuts and fully tighten

Align Mounting Plate to frame using punches as alignment tools

Attach 4 corners of Mounting Plate to cart frame by fastening 4- 1/2" Flange Nuts onto 4 – 1/2" x 1 1/4" Hex Bolts

Please see additional option below

**\*NOTE - 2** – Additional holes have been added to the center of Mounting Plate (*MPLATE*) so customer can drill 2 holes into cart frame if desired. *Reason* – Ease of installation plus additional support. Use additional 2- 1/2" x 1 1/4" Hex Bolts & 2 – 1/4" Flange Nuts included in Meter Hardware (*METERHW*)

**After Step 1 – you should have 6 studs showing with NO flange nuts attached**

### 2.) Attach Slide Gate Plastic & Doors

#### Need

SGPLATE200  
8-SGDOOR200  
8-SGHNDL200  
6 – 1/2" Flange Nuts  
  
Silicone  
3/4" Flat wrench

Apply 1/8" bead of silicone around top outside edge of Slide Gate Plastic (*SGPLATE200*) – see photo 1a

**\*\*Caution: Keep the slide gate track free from any silicone\*\***

Apply 1/8" bead of silicone to the top of meter housing

Place Slide Gate Plastic up to the studs showing – and suspend using rubber o-rings (*O-Rings used only for retaining SGPLATE200 in place prior to meter install – you slide onto stud and have SGPLATE200 rest them*) – this is an aid for installation only

With Slide Gate Plastic suspended approx. 1" from Mounting Plate, place 8-Slide Gate Doors (*SGDOOR200*) into tracks. Equally slide each o-ring up so Slide Gate Plastic meets snug to Mounting Plate – testing Slide Gate Doors once in place to make sure they stayed in tracks.


1a



### 3.) Attach Meter Housing

<p><b><u>Need</u></b></p> <p>BOSS20 6 – 1/2” Flange Nuts (2)-3/4” Flat wrenches</p>	<p>Make sure silicone has been applied to top of Meter Housing (<i>BOSS20</i>)</p> <p>Lift Meter Housing up onto 6 studs</p> <p>Loosely thread 6 – 1/2” Flange Nuts (do not fully tighten yet)</p> <p>Test Slide Gate Doors (<i>SGDOOR200</i>) for smooth operation and verify they are still in tracks</p> <p>Once completed then fully tighten all Flange Nuts</p>
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### 4.) Attaching Slide Gate Handles

<p><b><u>Need</u></b></p> <p>8-SGHNDL200 w/Hardware 7/16” Flat Wrench</p>	<p>Remove nut and spring from Slide Gate Handle (<i>SGHNDL200</i>)</p> <p>Coat end of threaded handle with never-seize</p> <p>Insert handle through Mounting Plate</p> <p>Place spring onto handle</p> <p>Push handle through Slide Gate Door (<i>SGDOOR200</i>) - see photo 2a</p> <p>Fasten nut onto handle</p>
<p>2a</p> 	<p>*Nut should be flush with end of the handle <b>DO NOT OVER-TIGHTEN*</b></p>

### Drop In Dividers

<p><b><u>Need</u></b></p> <p>Drop In Dividers</p>	<p>These are installed inside the Meter Housing (<i>BOSS20</i>) <b>after</b> the parts below housing are installed</p>
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Additional Photos Included



# PHOTO GALLERY

## Prior to Meter Assembly



### Step 1



### Step 2



### Step 3



### Step 4



### Finished Look

