









		SUPER GIANT ENTERPRISE CO., LTD. SD Pump Assembly Instructions			No.		
Ver.							
Assembly	Factory Unit	Assemble Date	/	/	Approved By		
Step	Tool	Job Contents				Precautions	
(1) Motor And SUS Shaft	1、Hammer 2、Chisel 3、Blade 4、Sand Paper 5、Vise 6、Rubber Hammer 7、T-Shape Hex Wrench	1. 1、Confirm The Motor Specifications, HP, Pole And Current/Voltage 2、Remove Motor Shaft Protective Film, Remove Motor Pin And Sand it With Sand Paper.  3、Apply Grease On The Motor Shaft Surface. 4、Align The Motor Shaft With Motor Shaft Socket And Tap It Lightly With Rubber Hammer Till The Motor Shaft Is Located At Its Specific Location.  5、Check For Any Damage On The Shaft, Smooth It And Fix It With Sand Paper Or Chisel. 6、Use SUS Screw To Fasten The Motor Shaft With Motor.					
(2) Frame And Rear Cover	1、12m/m Wrench	1、Nail Motor Spec Tag On The Frame.  2、Align The Frame Screw Socket With Motor Socket. ° 3、Fasten With 5/16×1-1/4” SUS Screw. ° 4、Scrape The Rear Cover Edge For Any Excess Material. ° 5、Apply Lubricant On Seal Cover (G-65) O-Ring, Fasten Seal Cover With Rear Cover By Using 5/16×1-1/4” Screw *4				LD & SD Use 2 Different Rear Cover But Same Rear Cover Installation	

			
<p>(3)</p> <p>Rear Cover And Seal Cover</p>	<p>1 、 12m/m Impact Wrench 2 、 12m/m Wrench 3 、 Centering Shaft Sleeve</p>	<p>1. Align Frame And Rear Cover Together.</p>  <p>2 、 Insert Centering Shaft Sleeve, Fasten The Rear Cover With 5/16x1-1/4” Screw. Then Remove The Centering Shaft Sleeve.</p>  <p>3 、 Recycle Joint Socket(Seal Cover) Should Be On The Left Side Of Base.</p> 	
<p>(4)</p> <p>Impeller Screw And Bellows-Seal Combination</p>	<p>1 、 23m/m Wrench 2 、 Chisel</p>	<p>1 、 Confirm Impeller Spec And Material 。 2 、 Distance Between Fix Seal Surface to Top Of The Motor Shaft Should Be 75m/m+2m/m 。</p>  <p>3 、 Apply Lubricate On Bellow-Seal And Impeller Joint Area, Squeeze Them Together.</p>	<p>Clean Fix-Seal And Rotational-Seal Before Installation.</p>



4 、 Use Chisel To Smooth Out The Impeller Pin Groove.
Apply Vaseline On The SUS Surface, Then Re-Install
The Impeller Pin.

5 、 °



6 、 Apply Lubricant On P-7 O-Ring, Insert The O-Ring.
Fasten The Impeller With Impeller Screw.



(5)
Check Cover
And Check
Valve






1 、 Blade

1 、 Scrape Any Excess Material Off The Edge Of Check
Cover.
2 、 Align The Check Cover With Rear Cover Latch Press
To Lock The Check Cover In Place.



3 、 Confirm Check Cover's Spec. And Check Valve
Material.
4 、 Insert Check Valve On Check Cover.



<p>(6) Front Cover And Self-Priming Cover</p>	<p>10m/m 12m/m Socket Wrench</p>	<p>1 、 Remove Any Excess Material Off The Edge Of Front Cover.</p>  <p>2 、 Insert Self-Priming Cover Packing Between Self Priming Cover And Front Cover Joint Area.</p>  <p>3 、 Fasten The Self-Priming Cover With 1/4x1"SUSScrew * 8 Pcs , And 1 PVDF Screw.</p> 	
<p>(7) Front And Rear Cover</p>	<p>12m/m Impact Wrench 12m/m Wrench</p>	<p>1 、 Confirm O-Ring Spec And Material:G-240 2 、 Apply lubricant In Rear Cover Groove And Insert O-Ring.</p>  <p>3 、 Fasten The front And Rear Cover Together With 5/16x 2-1/2"SUS Screw*10, Tighten The Screw Diagonally.</p> 	<p>Do Not Damage The O-Ring.</p>
<p>(8) Recycle Hose</p>	<p>1 、 Needle Nose Plier. 2 、 Vise</p>	<p>1 、 Install The Recycle Hose (Pre-Measure) 2 、 Insert Recycle Joint Packing.</p>	



3 、 Use HC Line(12Cm)On Both Side To Tighten and Secure The Hose. For LD We Use Plug Instead Of Recycle Hose.

