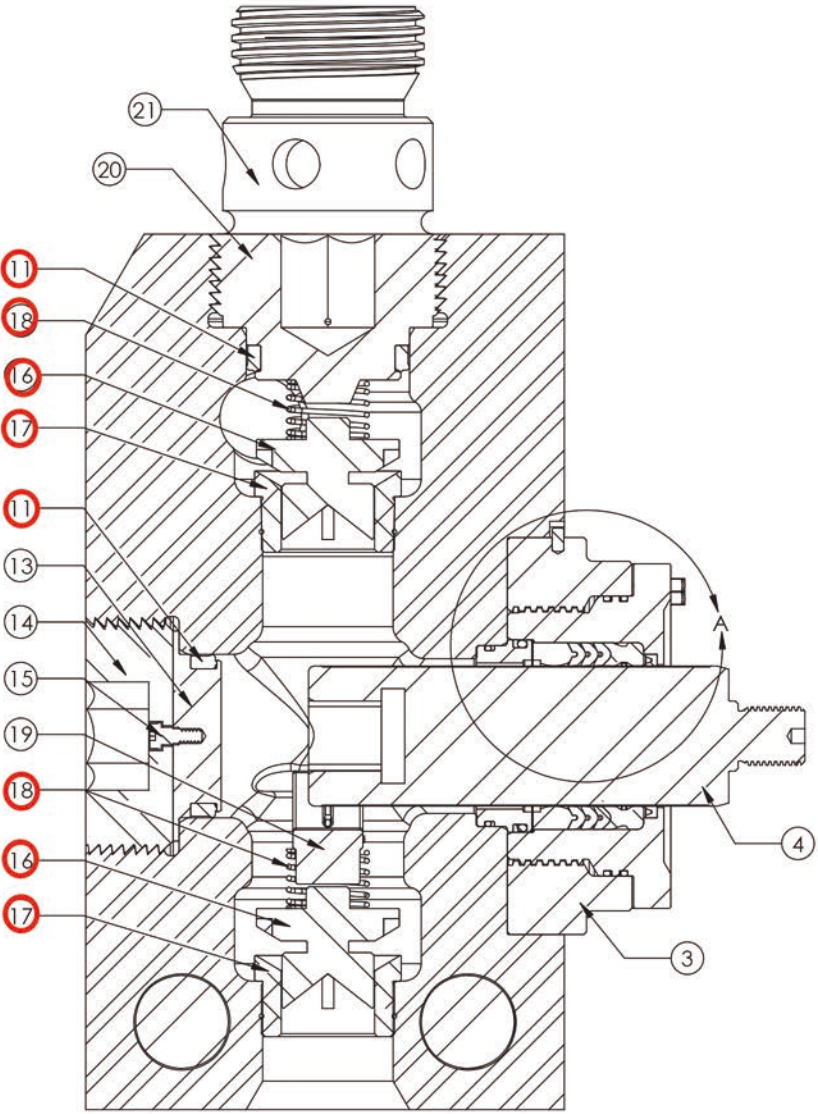
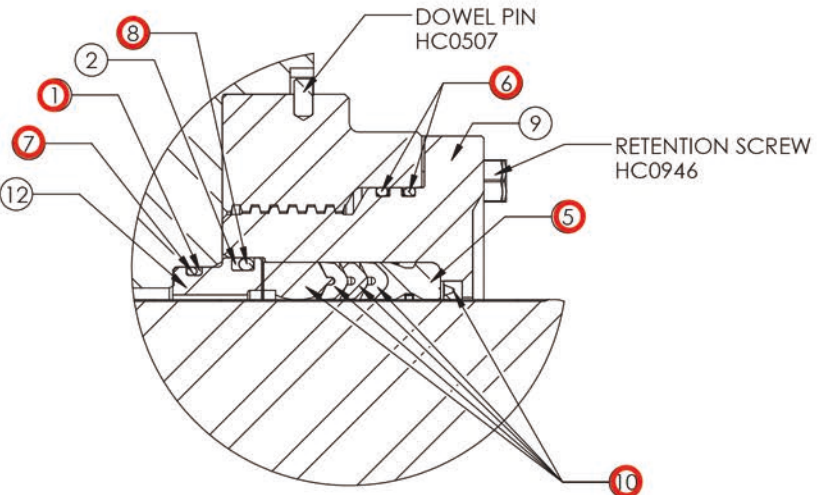


	1	2	3	4	5	6	7	8		
A	ITEM NO.	DESCRIPTION	PART NUMBER		ITEM NO.	DESCRIPTION	PART NUMBER			
			2.75"	3.00"					TRIPLEX	QUINTUPLEX
	1	BACK-UP RING, SB FE SIDE	OC0077				20	DISCHARGE COVER NUT	FEC0089	FEC0149
	2	BACK-UP RING, SB PE SIDE	OC0077	OC0064			21	GAUGE CONNECTION	FEC0096	FEC0151
	3	FLUID END ADAPTER	FEC0402 (600,1000) FEC0494 (1300)							
	4	FLUID END PLUNGER	FEC0313	FEC0314						
B	5	LANTERN RING	FEC0353	FEC0354						
	6	O-RING, PACKING NUT	OC0151							
	7	O-RING, SB FE SIDE	OC0076							
	8	O-RING, SB PE SIDE	OC0076	OC0085						
	9	PACKING NUT	FEC0346	FEC0347						
	10	PACKING SET	FEC0069	FEC0033						
C	11	SEAL, SUCTION/DISCHARGE COVER	FEC0095							
	12	STUFFING BOX ADAPTER	FEC0066	FEC0010						
	13	SUCTION COVER GLAND	FEC0338							
	14	SUCTION COVER NUT	FEC0339							
	15	SUCTION COVER NUT BOLT	HC0454							
	16	VALVE	FEC0504 (INSERT FEC0504-I)							
D	17	VALVE SEAT	FEC0453							
	18	VALVE SPRING	FEC0093							
	19	VALVE STOP ASSEMBLY	FEC0382							
E										
F										
G										

ITEM NO.	DESCRIPTION	TRIPLEX	QUINTUPLEX
20	DISCHARGE COVER NUT	FEC0089	FEC0149
21	GAUGE CONNECTION	FEC0096	FEC0151



FLUID END ASSEMBLY - SECTION, 2.75"-3.00"

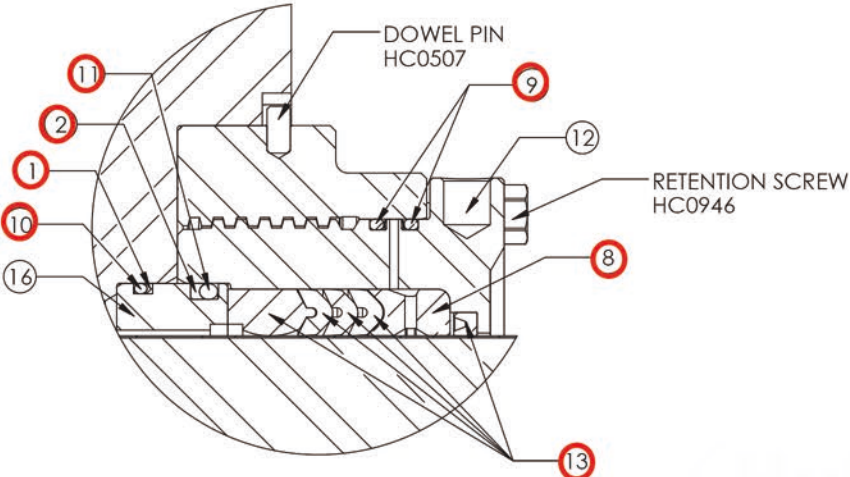
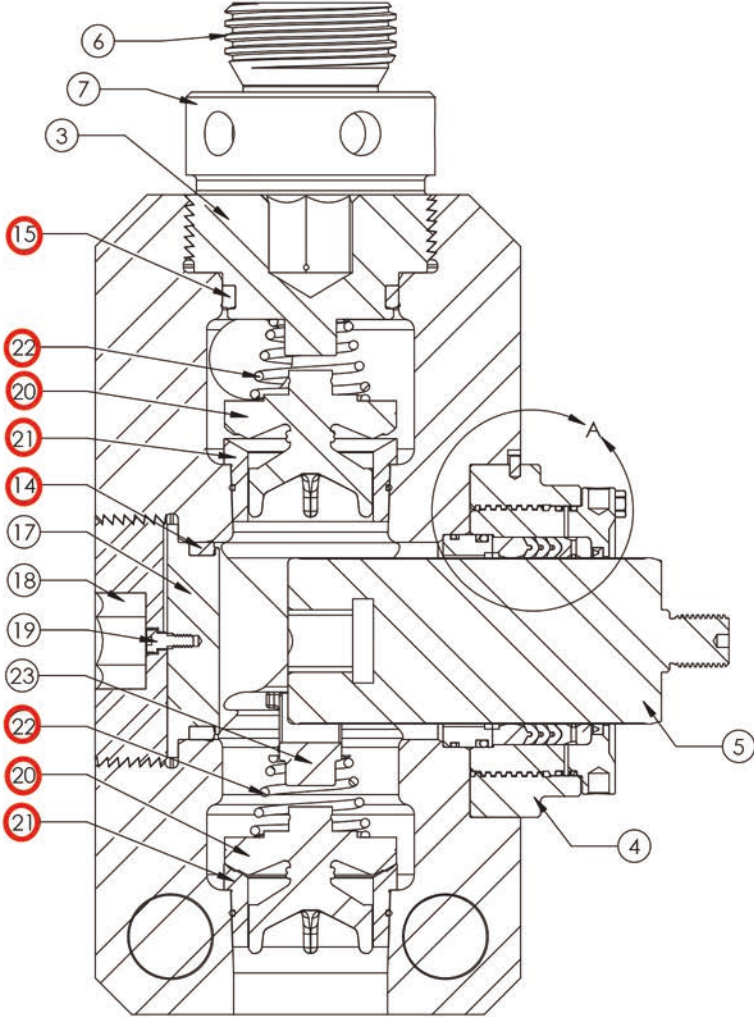


DETAIL A

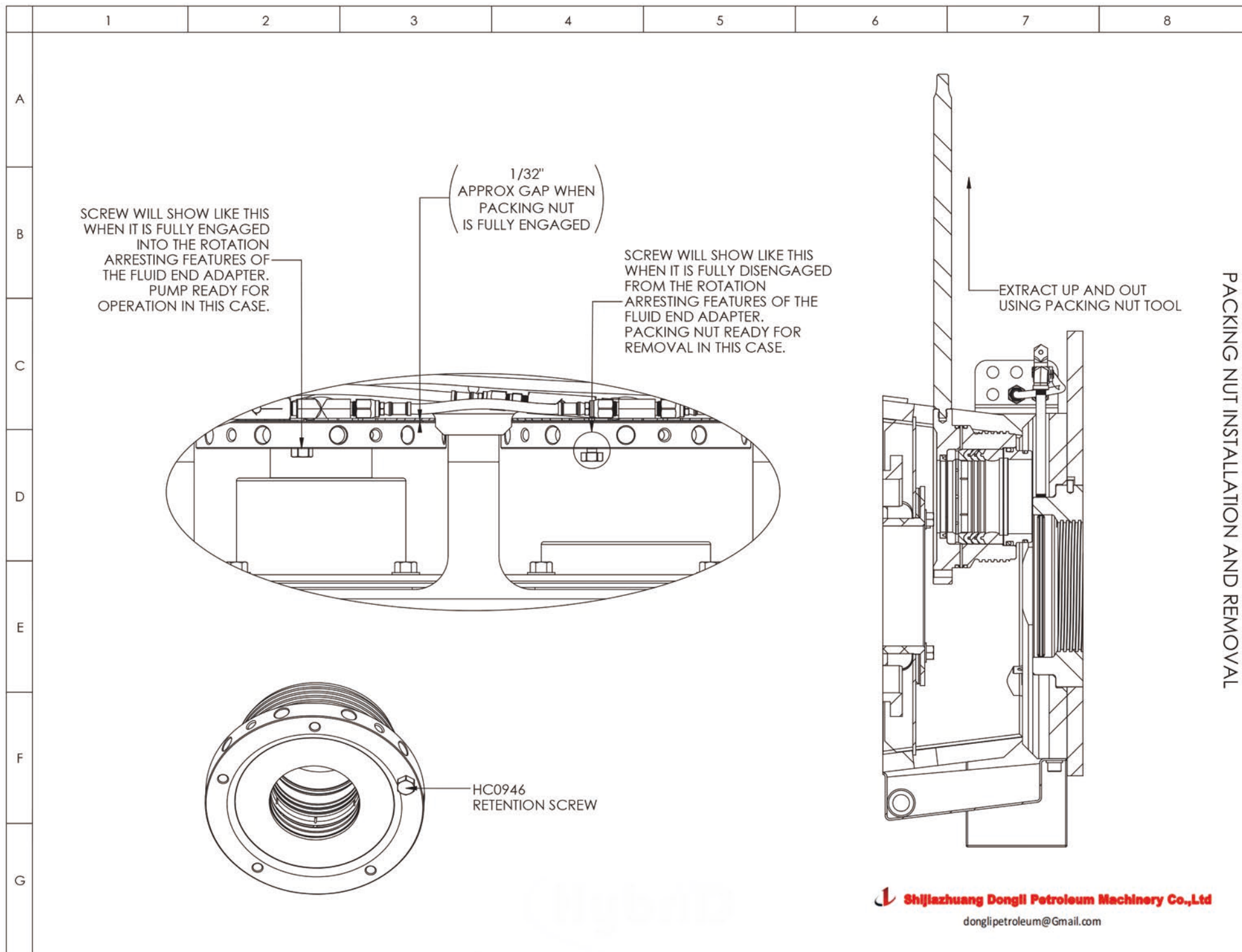
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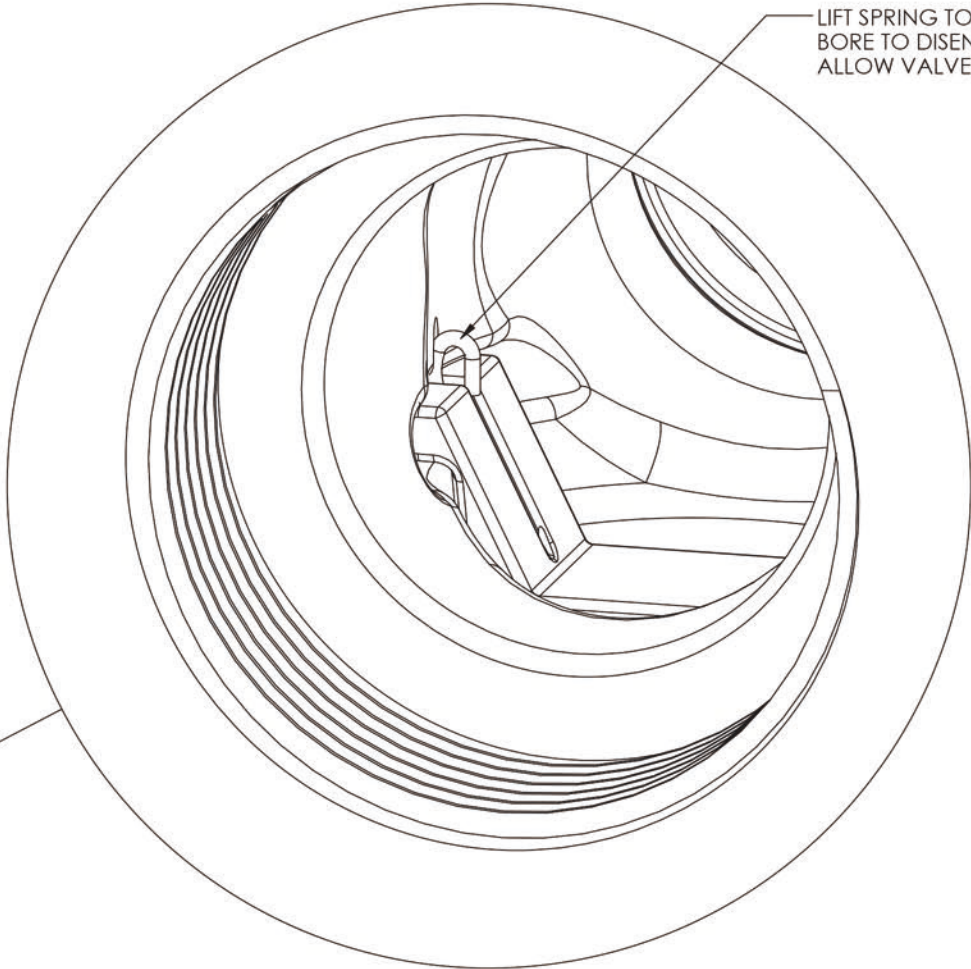
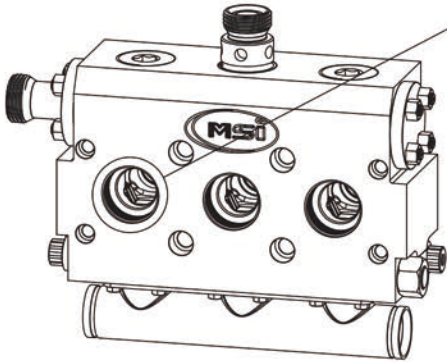
FLUID END ASSEMBLY - SECTION, 2.75"-3.00"

	1	2	3	4	5	6	7	8
	ITEM NO.	DESCRIPTION	PART NUMBER					
			3.25"	3.50"	4.00"	4.50"		
A	1	BACK-UP RING, SB FE SIDE	OC0066					
	2	BACK-UP RING, SB PE SIDE	OC0139	OC0068	OC0070	OC0072		
	3	DISCHARGE COVER NUT	FEC0005					
	4	FLUID END ADAPTER	FEC0403					
	5	FLUID END PLUNGER	FEC0315	FEC0316	FEC0317	FEC0318		
B	6	GAUGE CONNECTION	FEC0011					
	7	GAUGE CONNECTION RETAINER NUT	FEC0012					
	8	LANTERN RING	FEC0358	FEC0355	FEC0356	FEC0357		
	9	O-RING, PACKING NUT	OC0150					
	10	O-RING, SB FE SIDE	OC0065					
C	11	O-RING, SB PE SIDE	OC0138	OC0067	OC0069	OC0071		
	12	PACKING NUT	FEC0351	FEC0348	FEC0349	FEC0350		
	13	PACKING SET	FEC0258	FEC0054	FEC0055	FEC0040		
	14	SEAL, SUCTION COVER	FEC0013					
	15	SEAL, DISCHARGE COVER	FEC0015					
D	16	STUFFING BOX ADAPTER	FEC0260	FEC0058	FEC0059	FEC0036		
	17	SUCTION COVER GLAND	FEC0340					
	18	SUCTION COVER NUT	FEC0341					
	19	SUCTION COVER NUT BOLT	HC0454					
	20	VALVE	FEC0472 (INSERT FEC0472-I)					
E	21	VALVE SEAT	FEC0473					
	22	VALVE SPRING	FEC0003					
	23	VALVE STOP ASSEMBLY	FEC0383					
F								
G								

FLUID END ASSEMBLY - SECTION, 3.25"-4.50"



	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								
G								



LIFT SPRING TOWARDS CENTER OF BORE TO DISENGAGE LOCK AND ALLOW VALVE STOP REMOVAL

VALVE STOP REMOVAL

	1	2	3	4	5	6	7	8
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NOTE:
1) TO PREVENT DAMAGE TO DISCHARGE FLANGE SEAL, INSTALL IT INTO THE FLUID CYLINDER SEAL BORE BEFORE INSTALLING THE DISCHARGE FLANGE.
2) USE ONLY GRADE "B7" STUDS PER ASTM A193 OR GRADE "L7" STUDS PER ASTM A320.
3) USE ONLY GRADE "2H" NUTS PER ASTM A194.

ITEM NO.	DESCRIPTION	PART NUMBER	
		600 1300 BHP	1000 BHP
1	DISCHARGE FLANGE SEAL	FEC0014	FEC0148
2	DISCHARGE FLANGE STUD	HC0091	HC0174
3	DISCHARGE FLANGE NUT	HC0092	HC0085
4	UNION RESILIENT SEAL	UC0011	UC0013

B

C

D

E

F

G

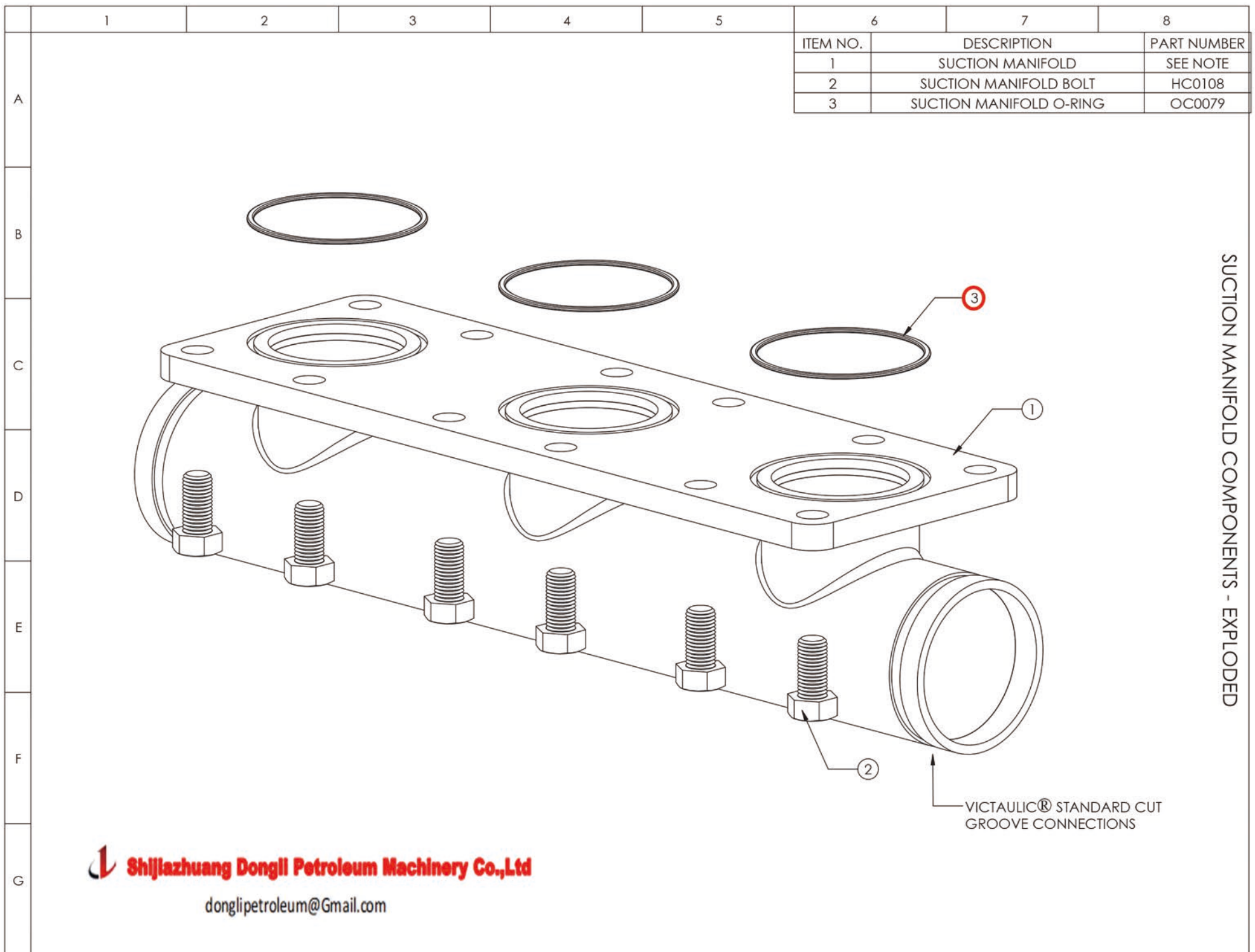
UNION FEMALE

600 BHP: FEC0029
1000 BHP: FEC0146
1300 BHP: FEC0478

DISCHARGE FLANGE COMPONENTS

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DISCHARGE FLANGES CAN BE PROVIDED WITH MALE OR FEMALE HAMMER UNIONS AND IN STRAIGHT OR ELBOW CONFIGURATIONS.



	1	2	3	4	5	6	7	8
A						ITEM NO.	DESCRIPTION	PART NUMBER
						1	POWER END PLUNGER	PEC0220
						2	POWER END PLUNGER SEAL HOUSING	PEC0221
						3	POWER END PLUNGER SEAL	PEC0222
						4	POWER END SEAL INSTALLATION TOOL	PEC0232
						5	POWER END PLUNGER SEAL HOUSING GASKET	PEC0237
						6	POWER END PLUNGER SEAL HOUSING SCREW	HC0945
						7	POWER END PLUNGER SCREW	HC0467
						8	POWER END PLUNGER LOCK WASHER	HC0023
B								
C								
D								
E								
F								
G								

POWER END PLUNGER SERVICE