

**Single Mechanical Seal**

Description	Material	Qty	Part No.
Rotor Bolt O-Ring	Viton	2	1180000085
	EPDM		1180000188
Rotor Cap O-Ring	Viton	2	1180000700
	EPDM		1180000706
Rotor O-Ring	Viton	2	1180000700
	EPDM		1180000706
Single Seal Spring	-	2	1820000041
Stationary Seal	Carbon	2	1815600115
	Silicon Carbide		1815600116
Stationary Seal O-Ring	Viton	2	1180000261
	EPDM		1180000262
Rotating Seal	Chrome Oxide/SS	2	1810600112
	Silicon Carbide		1810600113
Rotating Seal O-Ring	Viton	2	1180000700
	EPDM		1180000706

**Double Mechanical Seal**

Description	Material	Qty	Part No.
Rotor Bolt O-Ring	Viton	2	1180000085
	EPDM		1180000188
Rotor Cap O-Ring	Viton	2	1180000700
	EPDM		1180000706
Rotor O-Ring	Viton	2	1180000700
	EPDM		1180000706
Single Seal Spring	-	2	1820000041
Stationary Seal	Carbon	2	1815600115
	Silicon Carbide		1815600116
Stationary Seal O-Ring	Viton	2	1180000261
	EPDM		1180000262
Double Seal Spring	-	2	1820000063
Flush Seal	Carbon	2	1815600117
Flush Seal O-Ring	Viton	2	1180000701
	EPDM		1180000707
Rotating Seal	Chrome Oxide/SS	2	1810600112
	Silicon Carbide		1810600113
Rotating Seal O-Ring	Viton	2	1180000700
	EPDM		1180000706

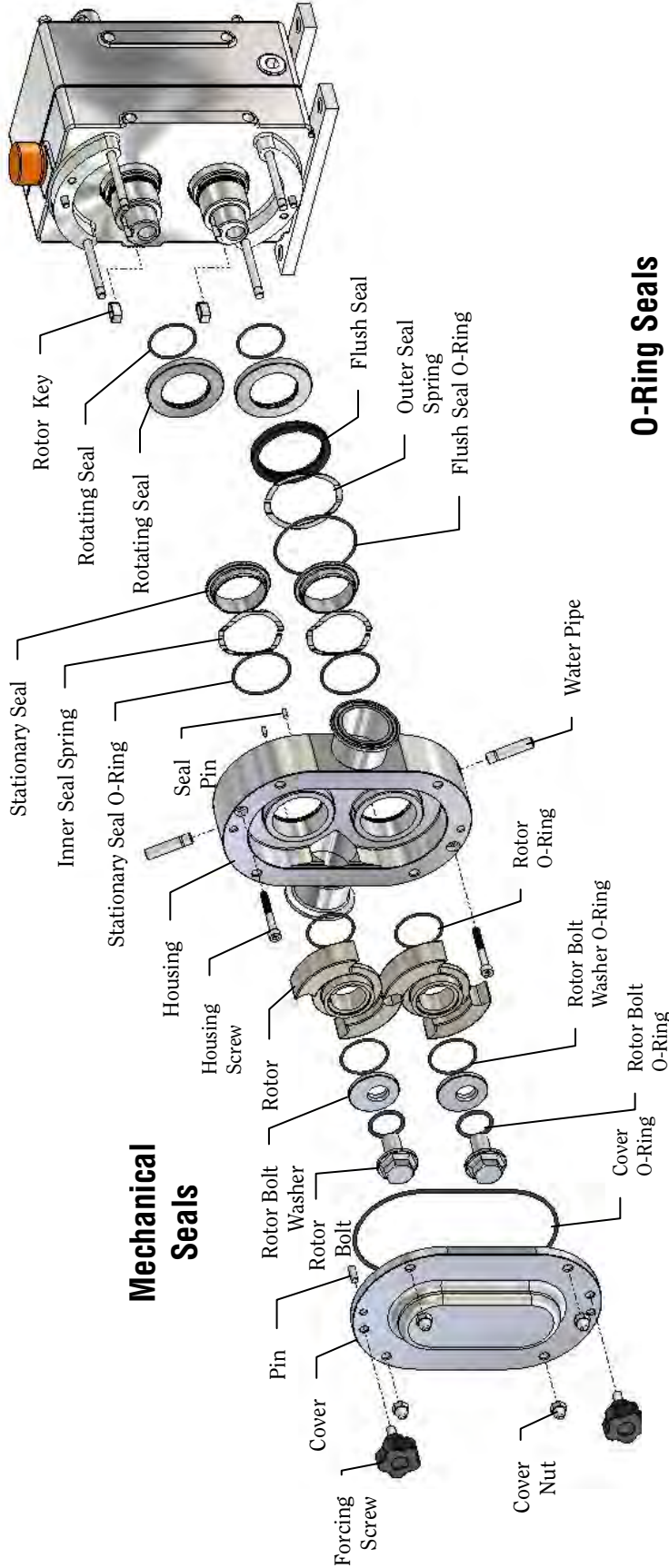
**Single O-Ring Seal**

Description	Material	Qty	Part No.
Rotor Bolt O-Ring	Viton	2	1180000085
	EPDM		1180000188
Rotor Cap O-Ring	Viton	2	1180000700
	EPDM		1180000706
Rotor O-Ring	Viton	2	1180000700
	EPDM		1180000706
O-Ring Seal O-Ring	Viton	2	1180000350
	EPDM		1180000076
Stationary Seal O-Ring	Viton	2	1180000261
	EPDM		1180000077
Single O-Ring Seal	SS	2	1224000104
Rotating Seal O-Ring	Viton	2	1180000700
	EPDM		1180000706

**Double O-Ring Seal**

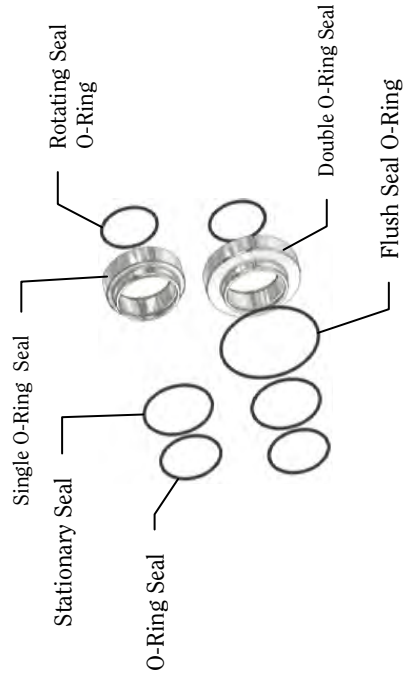
Description	Material	Qty	Part No.
Rotor Bolt O-Ring	Viton	2	1180000085
	EPDM		1180000188
Rotor Cap O-Ring	Viton	2	1180000700
	EPDM		1180000706
Rotor O-Ring	Viton	2	1180000700
	EPDM		1180000706
O-Ring Seal O-Ring	Viton	2	1180000350
	EPDM		1180000076
Stationary Seal O-Ring	Viton	2	1180000261
	EPDM		1180000262
Double O-Ring Seal	SS	2	1224000105
Flush Seal O-Ring	Viton	2	1180000701
	EPDM		1180000707
Rotating Seal O-Ring	Viton	2	1180000700
	EPDM		1180000706

# Exploded Pump Head Assembly

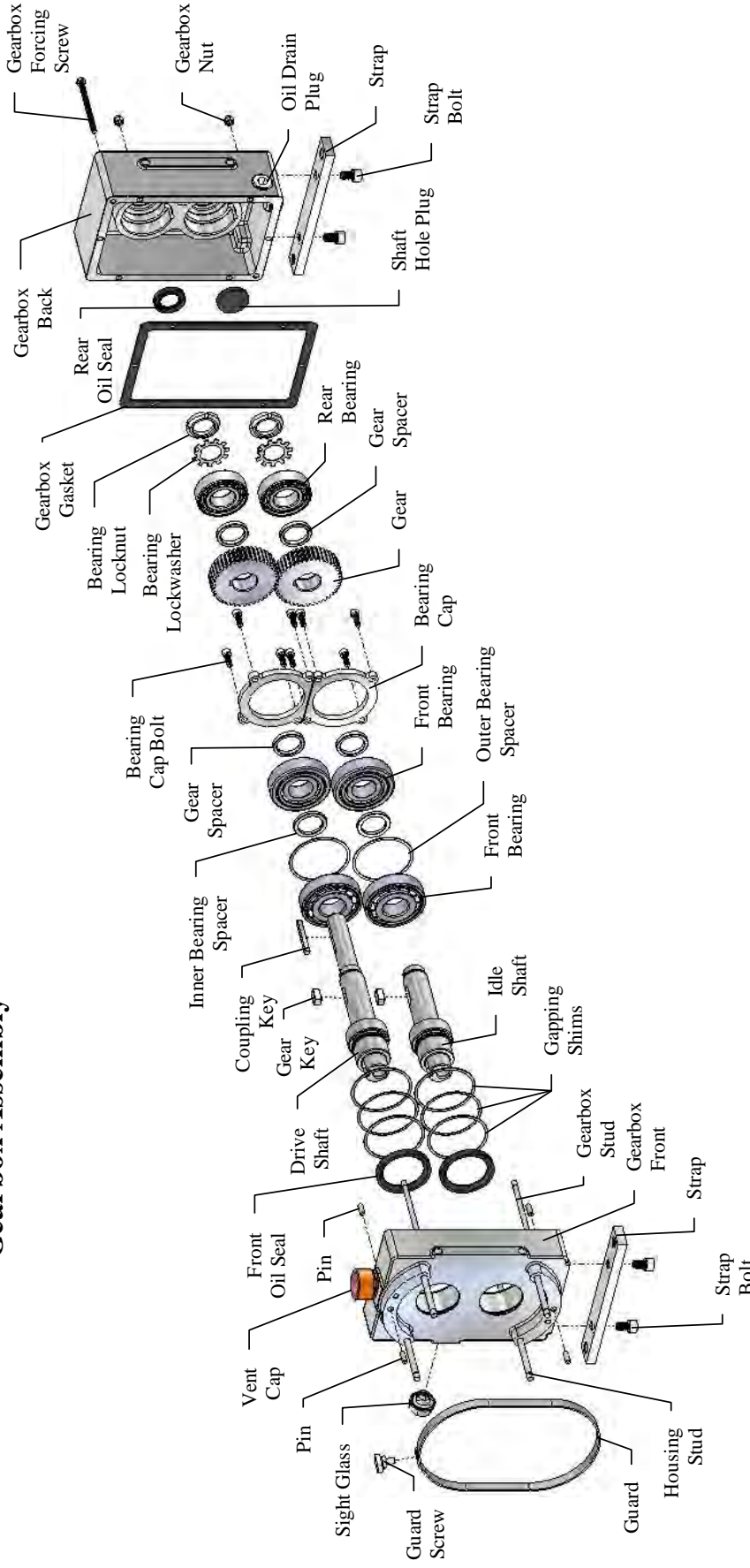


## Mechanical Seals

## O-Ring Seals



# Exploded Pump Gearbox Assembly



Cover Nut	-	4	1103004836	
Cover	-	1	1652620000	1654620000
	Buna		1180000000	1180000716
Cover O-Ring	Viton	1	1180000149	1180000215
	EPDM		1180000299	1180000300
Pin	-	6	1891000080	
Rotor Bolt	-	2	1102000001	
Rotor Bolt O-Ring	Viton	2	1180000085	
	EPDM		1180000188	
Rotor Cap	-	2	1104000068	
Rotor Cap O-Ring	Viton	2	1180000700	
	EPDM		1180000706	
Rotor (standard)	-	2	1653630000	1655630000
Rotor O-Ring	Viton	2	1180000700	
	EPDM		1180000706	
Housing Screw	-	2	1101000209	
Housing	-	1	1652610000	1654610000
Seal Pin	-	4*	1891000051	
Water Pipe	-	2	1910000002	
Rotor Key	-	2	1315000040	1315000038
Guard	-	1	1936000137	
Guard Screw	-	1	1102000000	
Housing Stud	-	4	1103000115	1103000079
Vent Cap	-	1	1248000023	
Strap	-	2	1925000009	
Strap Bolt	-	4	1101000210	

\*\* Quantities may vary

Gearbox Front	1	1310600149
Front Oil Seal	2	1812000040
Gapping Shim (1mm)	4**	1373000067
Gapping Shim (0.5mm)	2**	1373000068
Gapping Shim (0.25mm)	0**	1373000069
Gapping Shim (0.05mm)	0**	1373000070
Drive Shaft	1	1372600028
Idle Shaft	1	1372600029
Gear Key	2	1315000037
Coupling Key	1	1315000039
Front Bearing Assembly	2	1173000041
Gear Spacer	4	1224000103
Bearing Cover	2	1304000017
Bearing Cover Bolt	8	1101000208
Gear	2	1365000012
Rear Bearing	2	1173000039
Bearing Lockwasher	2	1104000069
Bearing Locknut	2	1306000083
Gearbox Gasket	1	1181000152
Rear Oil Seal	1	1812000041
Shaft Hole Plug	1	1812000042
Gearbox Back	1	1310600150
Gearbox Forcing Screw	2	1101000218
Gearbox Nut	4	1103000080
Oil Drain Plug	1	1248000012