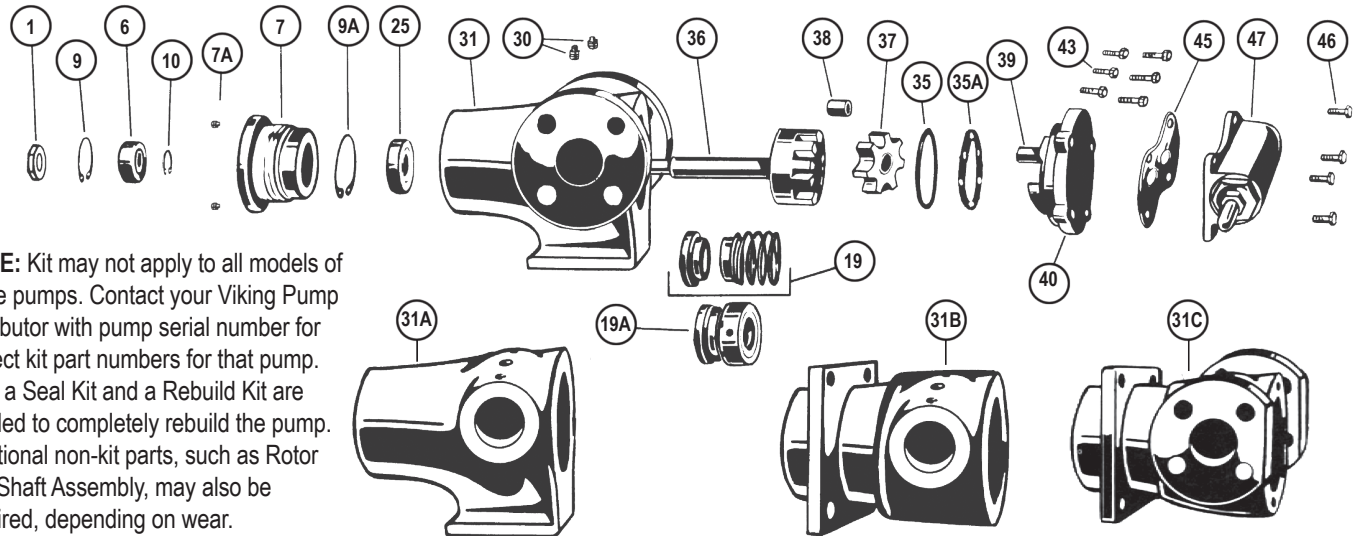


Exploded Diagram for Series 493/4193 (steel), 495/4195 (iron) and 4197 (SS), Sizes G, GG, H, HJ & HL


NOTE: Kit may not apply to all models of these pumps. Contact your Viking Pump distributor with pump serial number for correct kit part numbers for that pump. Both a Seal Kit and a Rebuild Kit are needed to completely rebuild the pump. Additional non-kit parts, such as Rotor and Shaft Assembly, may also be required, depending on wear.

ITEM	PART (may not exactly match parts list descriptions)	PART INCLUDED IN:	
		SEAL KIT	REBUILD KIT
1	Locknut	✓	
6	Ball Bearing (Outer)	✓	
7	Bearing Housing		
7A	Setscrews for Bearing Housing	✓	
9	Snap Ring (Outer)	✓	
9A	Snap Ring (Inner)	✓	
10	Snap Ring for Shaft ④	✓	
19	Mechanical Seal (Buna, Viton® or Neoprene) ①	✓	
19A	Mechanical Seal (PTFE) ① ②	✓	
25	Ball Bearing (Inner)	✓	
30	Pipe Plug		
31	Casing (4193 or 4197)		
31A	Casing (4195)		
31B	Casing (495)		

ITEM	PART (may not exactly match parts list descriptions)	PART INCLUDED IN:	
		SEAL KIT	REBUILD KIT
31C	Casing (493)		
35	Head O-Ring (493/4193, 495/4195) ①	✓	
35A	Head Gasket (4197)	✓	
36	Rotor and Shaft Assembly		
37	Idler and Bushing Assembly		✓
38	Idler bushing (part of 37)		
39	Idler Pin (part of 40)		
40	Head and Idler Pin Assembly		✓
43	Capscrews for Head		✓
45	Gasket for Relief Valve ③	✓	
46	Capscrews for Relief Valve		✓
47	Relief Valve		
N/A	Seal Lubricant	✓	
N/A	Seal Installation Sleeve	✓	

① Elastomers in this kit are specified in seal kit description.

② PTFE seal standard on 4197, optional on other series. Modifications to pump casing and rotor are required for PTFE mechanical seals in 495/4195 (iron) models. Consult factory.

③ Kits include parts for Relief Valve head. Plain Head pumps will not need Relief Valve gaskets. Discard extra parts.

④ H, HJ and HL sizes only, along with GG size 493/4193 and 4197 pumps.

Use Seal Lubricant for installing mechanical seal and O-rings.

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Important safety information and rebuild instructions are found in the Technical Service Manual.

Download current Technical Service Manuals from www.vikingpump.com:

TSM 000 - Installation, Startup, Troubleshooting,
Preventative Maintenance, Do's & Don'ts

TSM 154 - Series 493/4193 (steel)

TSM 144 - Series 495/4195 (iron)

TSM 164 - Series 4197 (SS)