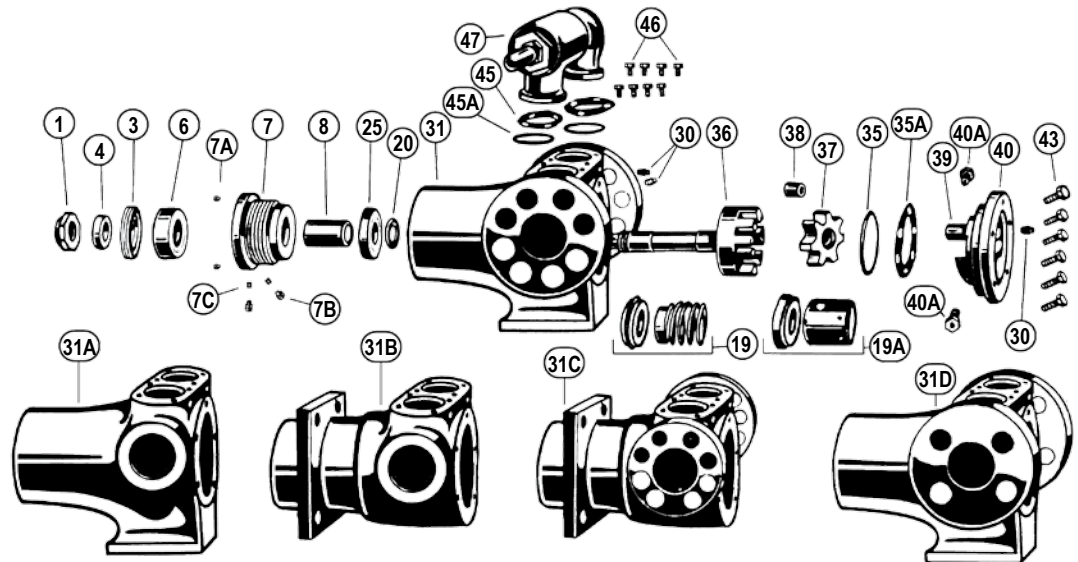


## Exploded Diagram for Series 493/4193 (steel), 495/4195 (iron) and 4197 (SS), Sizes AS, AK & AL

**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	✓	
4	Bearing Spacer Collar	✓	
3	End Cap for Bearing Housing	✓	
6	Ball Bearing (Outer)	✓	
7	Bearing Housing		
7A	Setscrew for Bearing Housing	✓	
7B	Setscrew for End Cap	✓	
7C	Nylon Slug	✓	
8	Bearing Spacer	✓	
25	Ball Bearing (Inner)	✓	
20	Bearing Retainer Washer	✓	
31	Casing (4193)		
31A	Casing (4195)		
31B	Casing (495)		
31C	Casing (493)		
31D	Casing (4197)		
45A	O-Rings for Relief Valve (493/4193, 495/4195)	✓	

ITEM	PART (may not exactly match parts list descriptions)	PART INCLUDED IN:	
		SEAL KIT	REBUILD KIT
45	Gaskets for Relief Valve (4197)	✓	
47	Relief Valve (or cover plate if less valve)		
30	Pipe Plug		
46	Capscrews for Valve		✓
36	Rotor and Shaft Assembly		
19	Mechanical Seal (Buna, Viton® or Neoprene) ①	✓	
19A	Mechanical Seal (PTFE) ① ②	✓	
38	Idler bushing (part of 37)		
37	Idler and Bushing Assembly		✓
35	Head O-Ring (493/4193, 495/4195) ①	✓	
35A	Head Gasket (4197)	✓	
39	Idler Pin (part of 40)		
40A	Check Valves (part of 40 - not used on 4197)		
40	Head and Idler Pin Assembly		✓
43	Capscrews for Head		✓
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.

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

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

Viton® is a Registered Trademark of E.I. du Pont de Nemours and Company.

Download current Technical Service Manuals from [www.vikingpump.com](http://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)