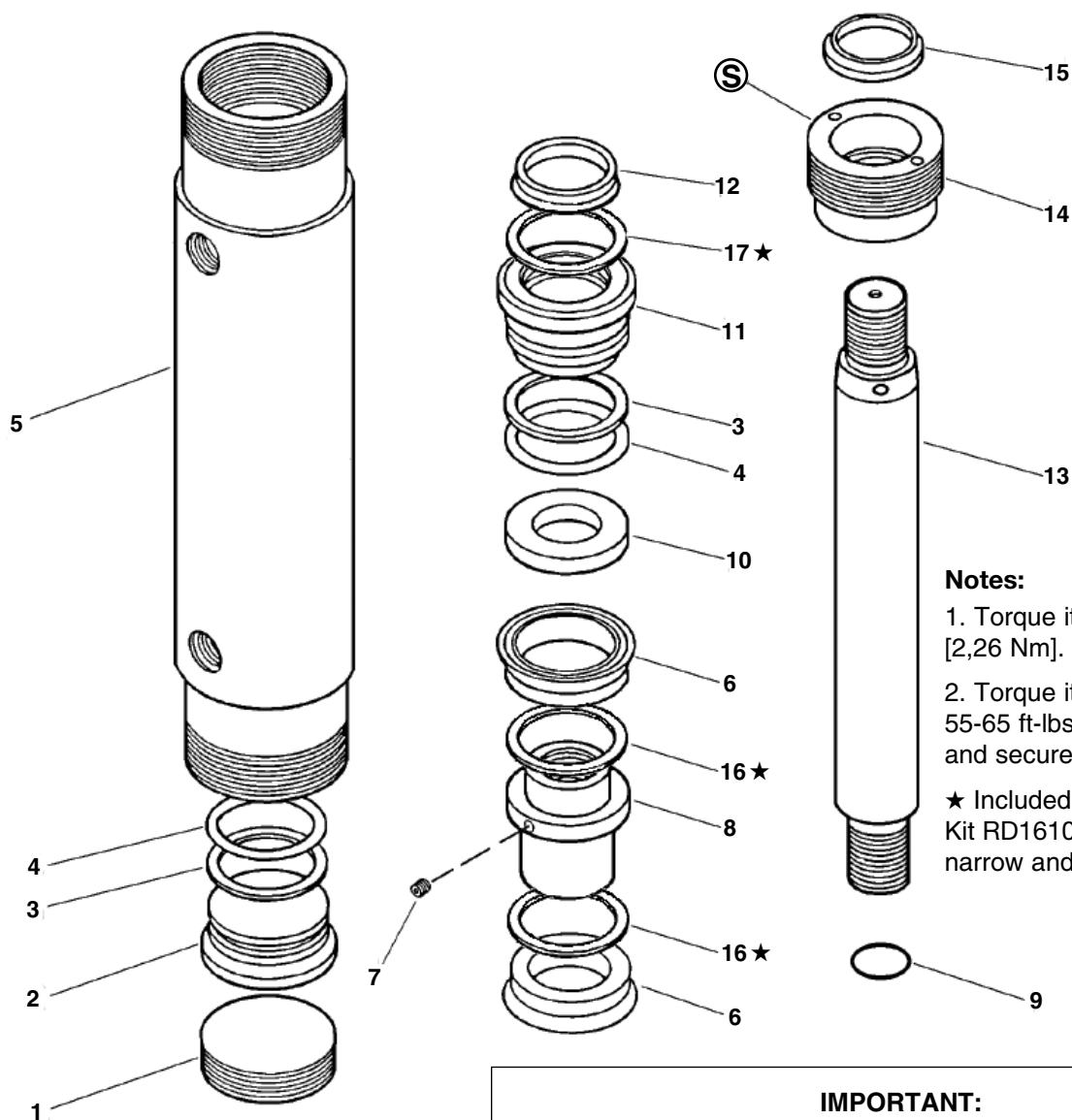


To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired product.



Notes:

1. Torque item 7 to 20 in-lbs [2,26 Nm].
2. Torque items 8 and 13 to 55-65 ft-lbs [74,6-88,1 Nm] and secure with Loctite #222.
- ★ Included only in Viton Seal Kit RD1610KV (Viton seals are narrow and require spacers).

Ⓢ Indicates staked threads. Stake mark must be removed prior to disassembly. Failure to do so may result in damage to parts. Restake after test of repaired cylinder.

IMPORTANT:

Hydraulic cylinder stop ring threads are lightly staked during manufacturing. The staking prevents the stop ring from turning during use.

Prior to removing a stop ring, the staked area must be removed to prevent damaging other threads. Use a drill bit which is slightly larger than the staked area. Drill out the entire deformed material until good threads are visible on all sides and the bottom of the staked area (usually 1 or 2 threads).

After reassembly and testing, restake the stop ring threads, choosing a new location on the cylinder.

Repair Parts List				
Item	Part Numbers		Qty.	Description
	RD-166	RD-1611		
1	F312048	F312048	1	Lockscrew
2	CJ280570	CJ280570	1	Cap
3	▲ B1224565	▲ B1224565	2	Back-up Washer
	★ B1224564	★ B1224564	2	
4	▲ B1224903	▲ B1224903	2	O-ring
	★ B1224203	★ B1224203	2	O-ring
5	L219030	L218030	1	Base
6	▲ CF297041	▲ CF297041	2	U-cup
	★ CA519041	★ CA519041	2	
7	▲★ CF623028	▲★ CF623028	1	Set Screw
8	CW188107	CW188107	1	Piston
9	▲ B1212903	▲ B1212903	1	O-ring
	★ B1212203	★ B1212203	1	
10	CL768107	CL768107	1	Bearing
11	CJ281044	CJ281044	1	Internal Stop Ring
12	▲ CH869041	▲ CH869041	1	U-cup
	★ CA516041	★ CA516041	1	
13	CL792040	CL794040	1	Plunger
14	L233044	L233044	1	External Stop Ring
15	▲ CF664044	▲ CF664044	1	Wiper Ring
	★ CA587044	★ CA587044	1	
16	★ CA571108	★ CA571108	2	Back-up Washer (spacer)
17	★ B1220564	★ B1220564	1	Back-up Washer (spacer)
▲ Items included in and available only as part of Seal Kit RD1610K2.				
★ Items included in and available only as part of Viton Seal Kit RD1610KV.				

NOTES:

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09/30/09

All Enerpac products are guaranteed against defects in workmanship and materials for as long as you own them. For your nearest authorized Enerpac Service Center, visit us at www.enerpac.com