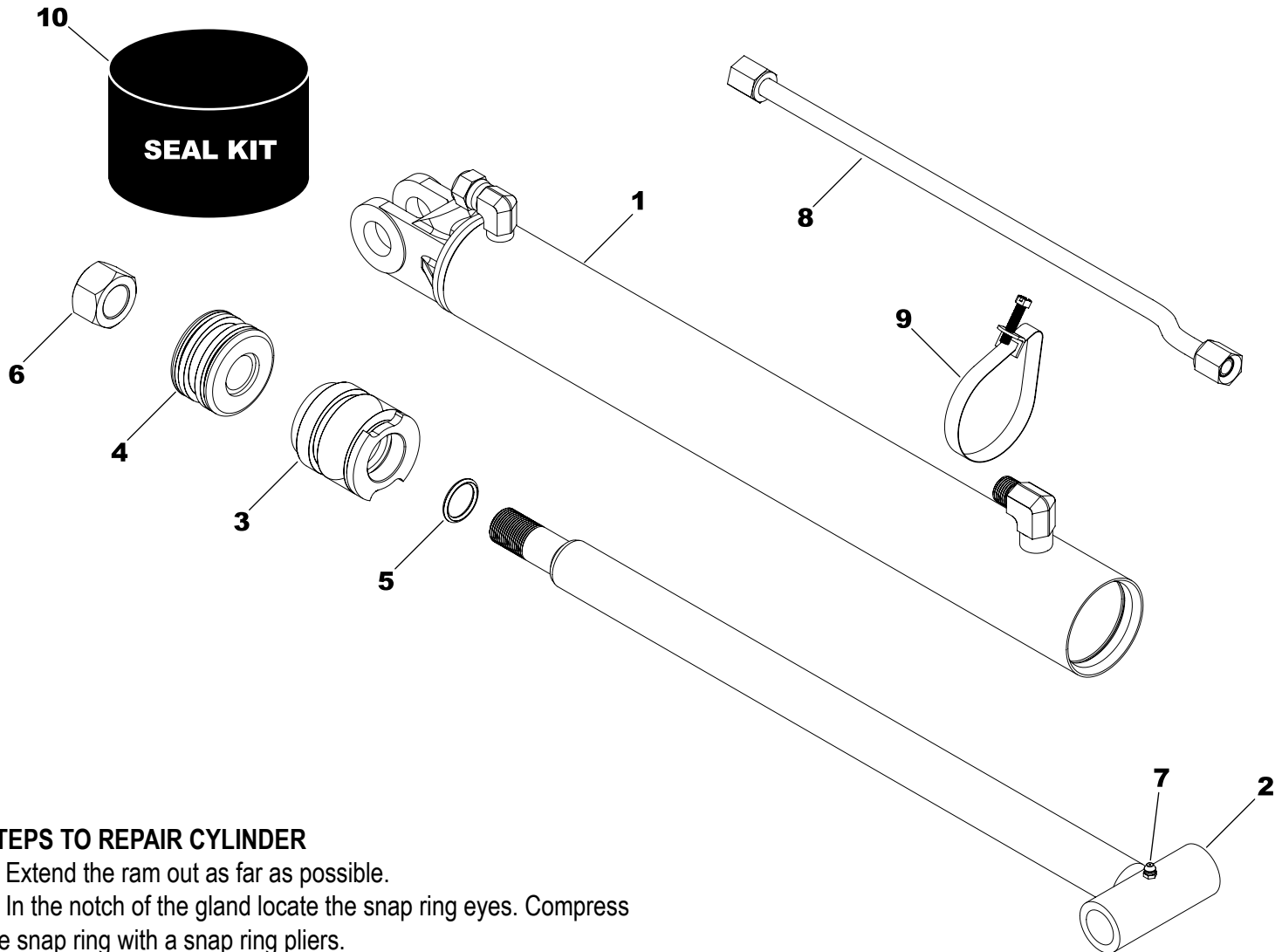


## GF-20 & GF-20A GRAB FORK REPLACEMENT PARTS

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
1	JG-24DAS	BUCKET ATTACHMENT	1	12	HTN0616	3/8" LOCK NUT	2
2	JG-12CAS	UPPER TOOTH FRAME	1	13	JB-22B	BUCKET GUIDE	2
3	B-1B	CYLINDER**	1	14	JG-38B	BOLT BRACKET	2
4	BAND-12	OIL LINE HOLDER	1	15	CBF1011080	CARRIAGE BOLT	2
5	OLT-143A	OIL LINE	1	16	BST-8A	HANDLE NUT	2
6	PF-FFC8	FLAIRLESS TO 1/2 NPT	2	17	HK-21	1-H060196-86 & 1-H060216-86	1
7	LF-49A	3" PIN	1	17	HK-27	2-H060108-86 HOSES*	1
8	S-61	6 1/2" PIN	1	18	LM-10	MALE COUPLER*	1
9	CTK0400032	COTTER KEY	4	19	LM-11	FEMALE COUPLER*	1
10	JG-16	SHAFT	1	20	ZER1805	GREASE ZERK	4
11	HHS0616048	3/8" X 3" BOLT	2				

**NOTE:** \*For GF-20A grab fork. \*\*See page 7.3 for B-1B individual parts breakdown.



## STEPS TO REPAIR CYLINDER

- 1) Extend the ram out as far as possible.
- 2) In the notch of the gland locate the snap ring eyes. Compress the snap ring with a snap ring pliers.
- 3) Remove the ram assembly (ram, gland, & piston) from barrel.
- 4) Remove the jam nut and/or hex nut from the end of the ram.
- 7) Remove the piston and gland from ram. Notice the direction they are pointing so they can be properly re-assembled.
- 8) Remove the old seals and rings and replace them with the new seals and rings. (*Seal kits are packaged for several different cylinders - you may have extra parts.*)
- 9) Clean the cylinder with cleaner and a clean **lint free** cloth.
- 10) Lubricate the seals and rings to aid assembly.
- 11) Assemble the cylinder by reversing the order.

## CYLINDER REPAIR TIPS

- When disassembling cylinders, keep the parts in correct orientation. Remove parts in sequence.
- Note the direction of the piston and gland. Lay out old seals and parts as they are removed.
- Assemble cylinder in the proper order; lubricate to aid assembly.

## GF-20 & GF-20A CYLINDER REPLACEMENT PARTS

Ref.	Part No.	Description	Qty.
1	B-101B	CYLINDER BARREL	1
2	B-110A	CYLINDER RAM	1
3	G-A	CYLINDER GLAND	1
4	P-A	CYLINDER PISTON	1
5	OR-214	O-RING	1
6	HFN1614	1" HEX NUT	1
7	ZER1805	GREASE ZERK	1
8	OLT-143	OIL LINE	1
9	BAND-12	METAL BAND	1
10	#1CK	SEAL REPAIR KIT*	-

**NOTE:** \*Seal kit contains parts to repair one cylinder.