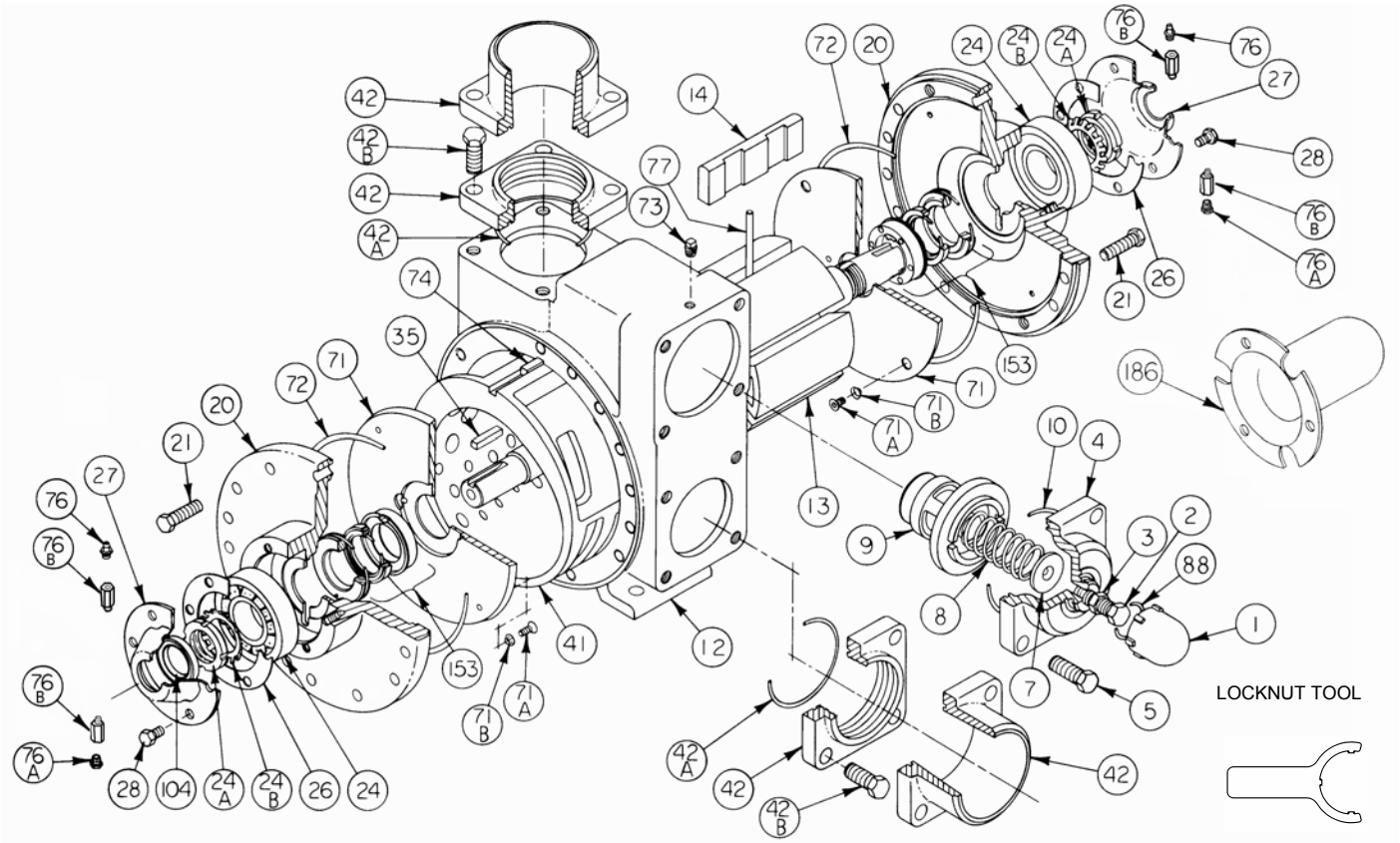
BLACKMER PARTS LIST
PUMP MODEL: CRL4B

(See Instructions 701-C00 for Installation, Operation and Maintenance)

Section	701
Effective	Apr 2008
Replaces	Mar 2008



Ref. No.	Description	Parts per Pump	Part No.	Ref. No.	Description	Parts per Pump	Part No.
1	Cap – R/V	1	413952	41	Liner – Casing	1	[2] 182000
2	Screw – R/V Adjusting	1	436310	42	Flange – 3″ NPT	1-2	652012
3	Locknut – Adjusting Screw	1	432039		Flange – 3″ Weld		652007
4	Cover – R/V	1	412001		Flange – 4″ Weld		652005
5	Capscrew – R/V Cover	4	920663	42A	O-Ring – Flange	2	[1] 701937
7	Guide – R/V Spring	1	426355	42B	Capscrew – NPT Flange	8	920663
8	Spring – Valve	1	472039		Capscrew – Weld Flange		920640
9	Valve – R/V	1	452001	71	Disc	2	[2] 062039
10	O-Ring – R/V Cover	1	[1] 701946	71A	Screw – Disc Machine	8	[2] 920015
12	Casing – Pump	1	012019	71B	Lockwasher – Disc	8	[2] 909622
13	Rotor & Shaft Asy. w/Locknut & Lockwasher (Ref. No. 24A & 24B)	1	[2] 262041	72	O-Ring – Head (Buna-N)	2	[1] 702039
				73	Plug – Gage	2	908198
14	Vane – Laminate	6	[1] 092026	74	Key – Liner	1	[2] 182040
20	Head	2	032041	76	Fitting – Grease	2	317815
21	Capscrews – Head	28	920532	76A	Fitting – Grease Relief	2	701992
24	Ball Bearing	2	[1] 903172	77	Push Rod – Composite	3	[1] 122009
24A	Locknut – Bearing	2	[2] 903541	88	O-Ring – R/V Cap	1	[1] 701926
24B	Lockwasher – Bearing	2	[1] 903542	104	Seal – Grease	2	[1] 331908
26	Gasket – Bearing Cover	2	[1] 385125	186	Protector – Shaft End	1	341801
27	Cover – Inboard Bearing	2	041815		Tool - Locknut		903092
28	Capscrews – Bearing Cover	12	920286		Kit - Maintenance		898907
35	Key – Shaft	1	[1] 909183		Kit - Rebuild		899007

[1] Included in Maintenance and Rebuild Kits [2] Included in Rebuild Kits

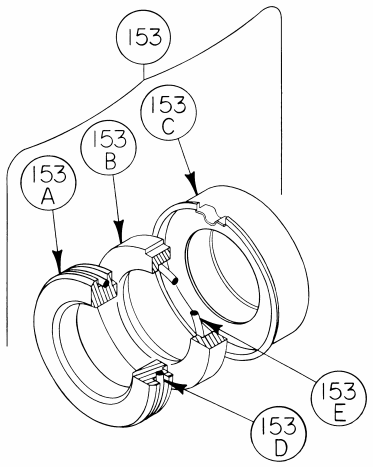
Keep this parts list with Installation, Operation and Maintenance Instructions.

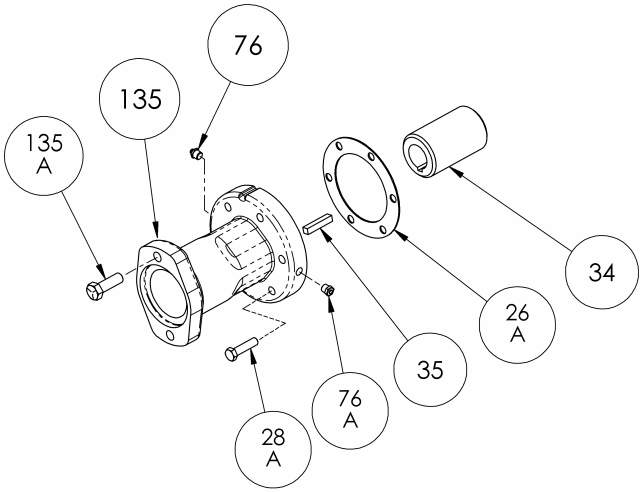
MECHANICAL SEAL

Ref. No.	Part Name	Parts Per Pump	Part No.
153	Mechanical Seal Assembly (CELE)	2	[1] 332059
153A	Seat – Stationary (Carbon)	2	*332058
153B	Face – Seal (Silicon Carbide)	2	*335130
153C	Jacket Assembly – Seal	2	*332018
153D	O-Ring – Stationary (Special-EPDM)	2	702356
153E	O-Ring – Rotating (Special-EPDM)	2	702353

[1] Included in Maintenance and Rebuild Kits

* NOTE: Mechanical Seal Ref. No. 153 is only sold as a complete assembly. Ref Nos. 153A, 153B & 153C are not available as separate replacement parts.



HYDRAULIC MOTOR ADAPTER PARTS

REF. NO.	PART NAME	PARTS PER PUMP	PART NO.
See Below	**Hydraulic Motor Adapter Kit** *	See Below	892037
26A	Gasket – Hydraulic Motor Adapter	1	381817
28A	Capscrew – Hydraulic Motor Adapter / Head	6	920369
34	Coupling w/ Setscrew – for 1.25" straight key hyd. motor shaft	1	906970
35	Key – Coupling	1	909184
76	Grease Fitting	1	317815
76A	Grease Relief Fitting	1	701992
135	Hydraulic Motor Adapter – SAE A Flange	1	041829
135A	Capscrew – Adapter / Motor	2	920510