

LOG GRAPPLE

4642-B-A3-F5-5

3G01 LOG GRAPPLE

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NOTE TIGHTENING THE NUTS AND BEARINGS

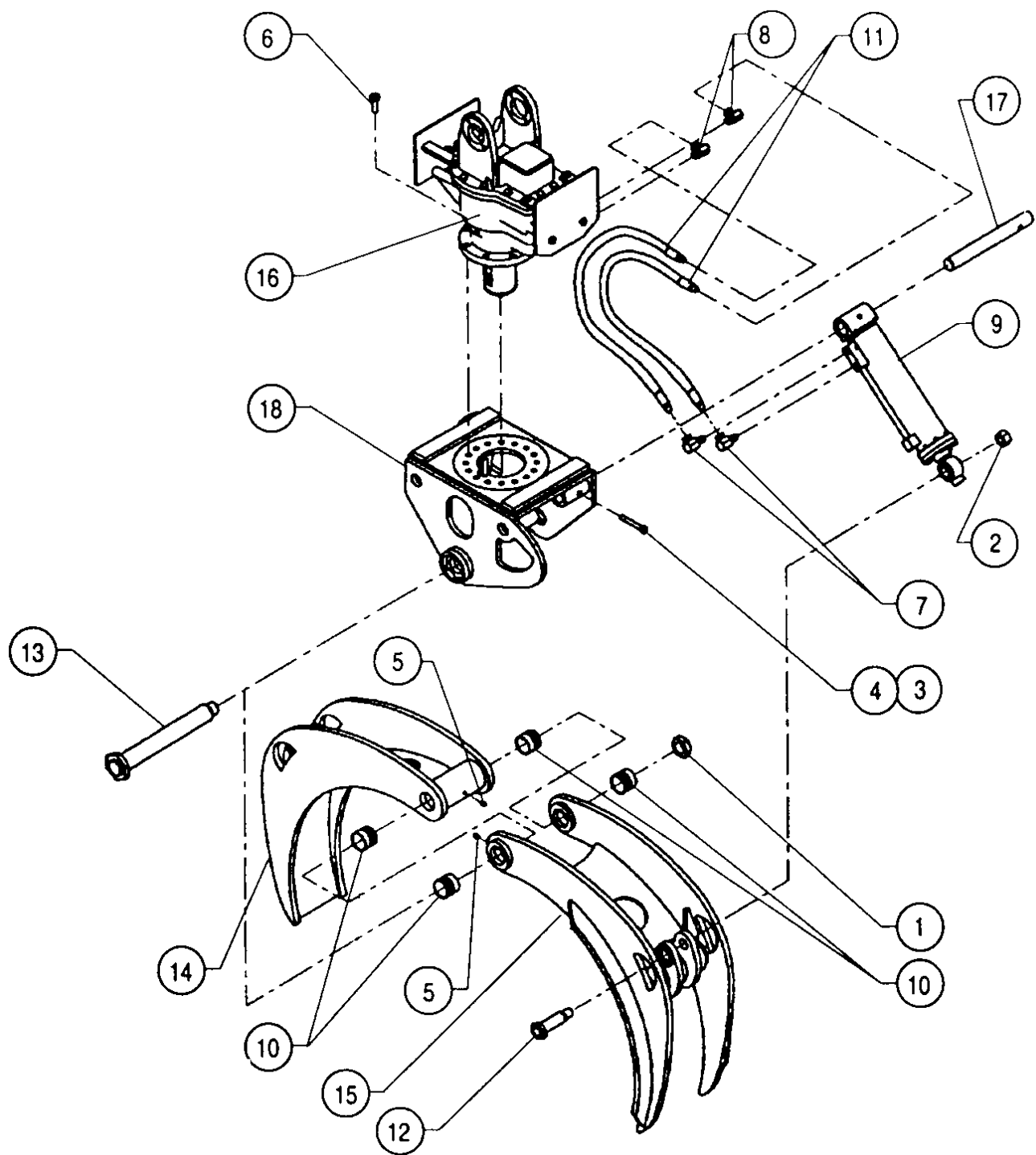
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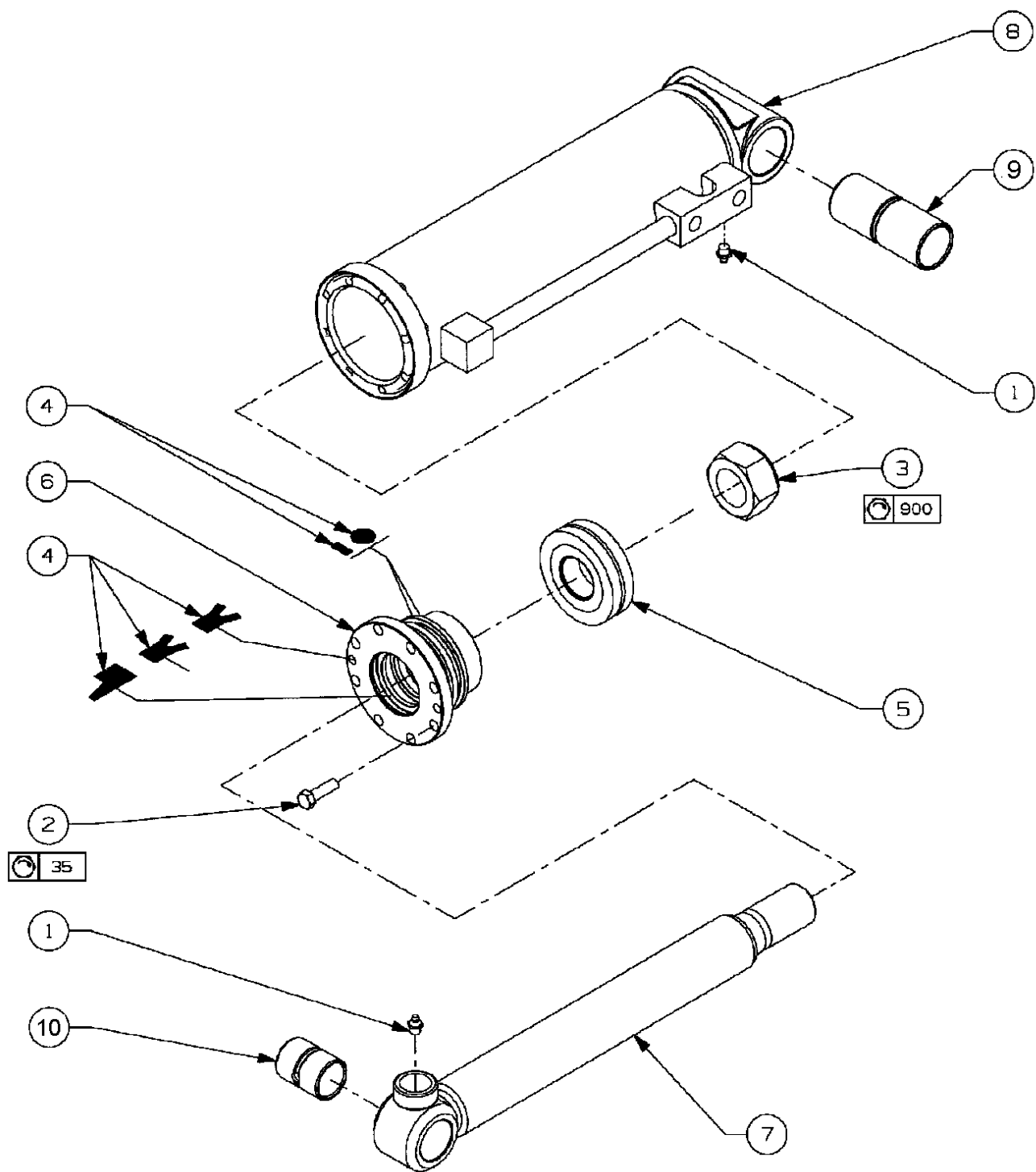
3G01 LOG GRAPPLE 3G01 LOG GRAPPLE



Item	Part No.	Name	Qty	Uom
1	010-0017	NYLON LOCK NUT	1	EA
2	010-0323	NYLON LOCK NUT 1"-14UNSx1 1/16" lg	2	EA
3	010-0319	NYLON LOCK NUT 1/2"-20UNFx5/8"lg	2	EA
4	008-0129	BOLT 1/2-20UNF X 3 1/2"lg	2	EA

Item	Part No.	Name	Qty	Uom
5	001-0001	GREASE FITTING 1/8"NPT	3	EA
6	008-0147	BOLT 5/8"-18UNFx1 3/4"lg	8	EA
7	027-1057	LIVE 90° F / M SWIVEL ADAPT 3/8 NPSM X 3/8 NPT	4	EA
8	029-1158	90° M / F SWIVEL ADAPTOR 8 ORB X 3/8 NPSM	4	EA
9	701-9884	CYLINDER 3 1/2"	2	EA
10	504-5368	BUSHING	4	EA
11	099-3098	HOSE#6 2 WIRES 5000 PSI ST 6MNPT X 6MNPT 19 1/2"lg PROT.	4	EA
12	706-5722	PIN 1 1/4"dia. x 4 3/4"lg	2	EA
13	706-5723	PIN 1.985"dia. x 15 5/8"lg	1	EA
14	706-5983	NARROW JAW	1	EA
15	706-5984	WIDE JAW	1	EA
16	702-0030	ROTATOR	1	EA
17	509-9883	PIN 1 1/2"dia. X 13 1/4"lg	2	EA
18	709-9882	HEAD	1	EA
19	808-0002	HEAD GUARDING OPTION	1	EA

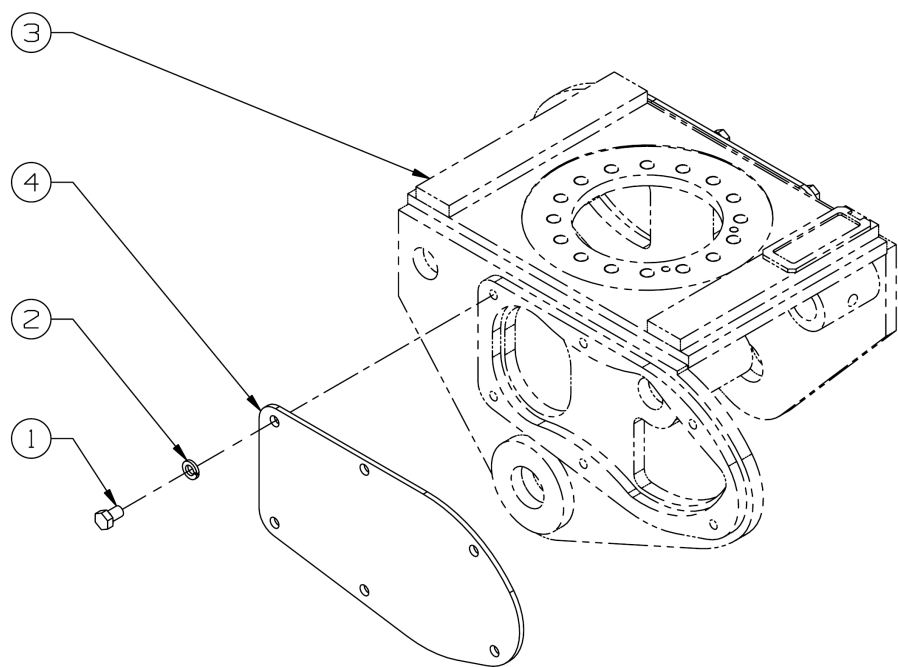
3G01 LOG GRAPPLE 701-9884 (05) CYLINDER



Item	Part No.	Name	Qty	Uom
1	001-0001	GREASE FITTING 1/8"NPT	2	EA
2	008-0218	BOLT 3 / 8 X 1 1 / 4"lg	8	EA
3	010-0325	NYLON LOCK NUT 1 1/2"-12UNFx1 5/8"lg	1	EA
4	096-2996	CYLINDER SEAL KIT	1	EA

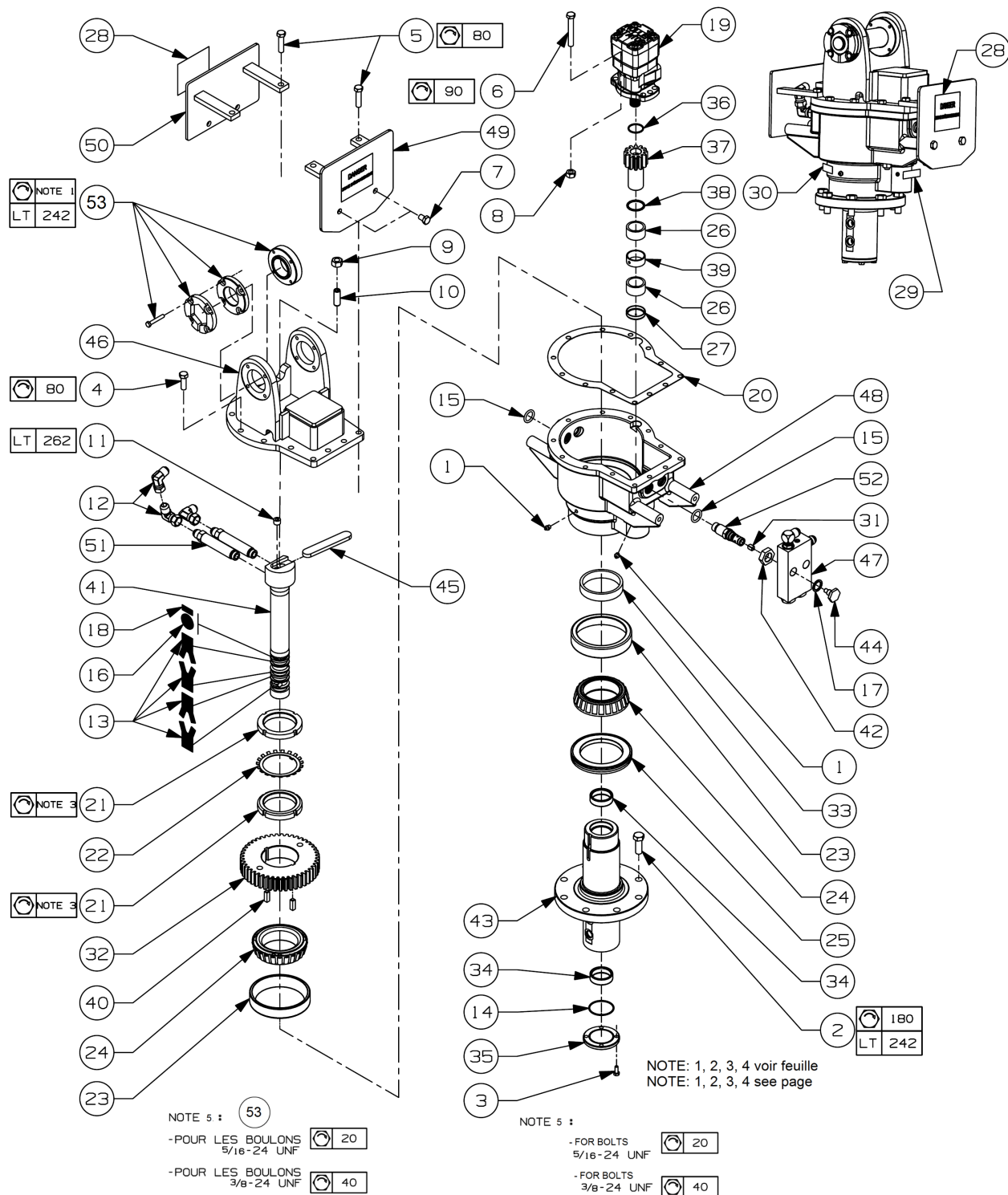
Item	Part No.	Name	Qty	Uom
5	101-0002	PISTON	1	EA
6	501-5069	HEAD	1	EA
7	701-5079	ROD	1	EA
8	701-9885	TUBING	1	EA
9	501-9886	BUSHING	1	EA
10	501-5046	BUSHING	1	EA

3G01 LOG GRAPPLE 808-0002 (01) CLOSE HEAD OPTION



Item	Part No.	Name	Qty	Uom
1	008-0010	BOLT 1/2"-20UNFx3/4"lg.	12	EA
2	013-0366	LOCK WASHER 1/2" dia	12	EA
3	07006-7390	SPACER ASSEMBLY	1	EA
4	608-0006	COVER	2	EA

702-0030 ROTATOR 702-0030 (04) ROTATOR

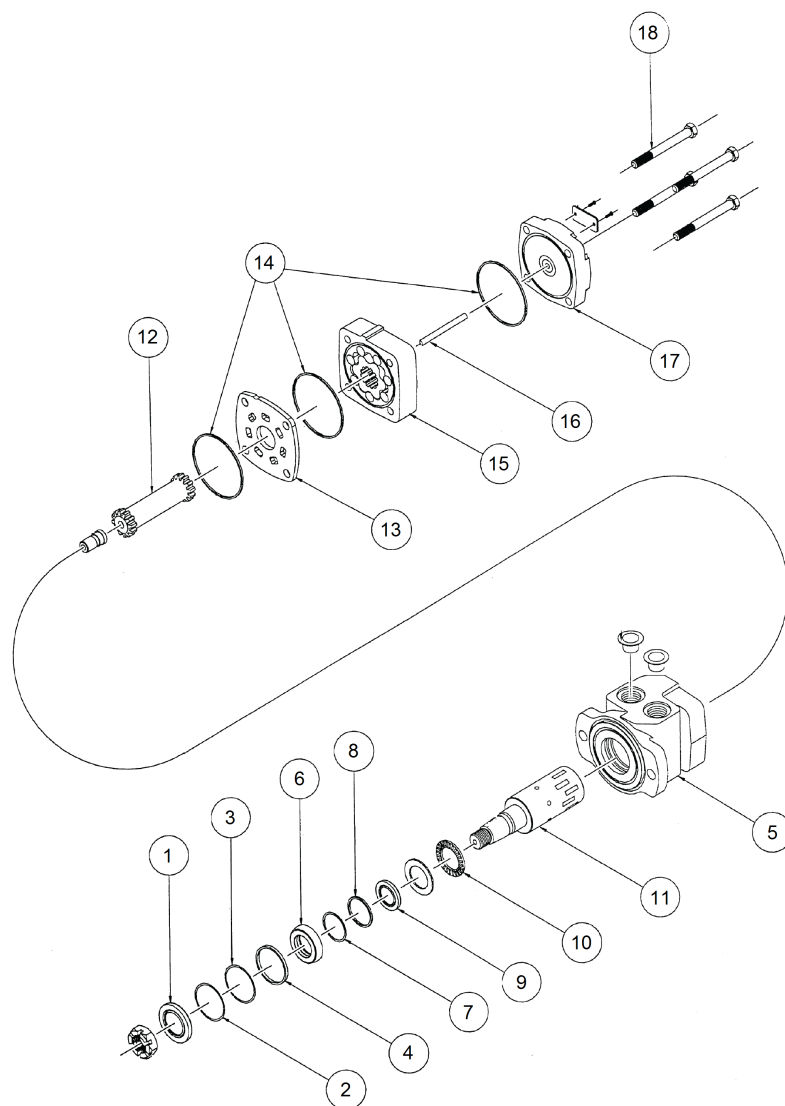


Item	Part No.	Name	Qty	Uom
1	001-0001	GREASE FITTING 1/8"NPT	2	EA
2	008-0147	BOLT 5/8"-18UNFx1 3/4"lg	8	EA

Item	Part No.	Name	Qty	Uom
3	008-0206	BOLT NC YELLOW 5 / 16-18NC X 3 / 4	4	EA
4	008-0241	BOLT 1/2"-13UNC x 1 1/2"lg	9	EA
5	008-0242	BOLT 1/2"-13UNCx2"lg	4	EA
6	008-0348	1/2-20 UNF X 3-1/2"lg BOLT	2	EA
7	008-6133	BOLT 1/2"-13 UNCx3/4"lg	4	EA
8	009-0307	NUT 1/2"-20UNF	2	EA
9	009-0334	NUT 5/8"-11UNC	1	EA
10	017-0636	HEX. SOCKET SET SCREW 5/8"-11UNCx1 3/4"lg	1	EA
11	026-4472	PLUG 3/8 NPT	2	EA
12	030-1403	SWIVEL 90° ADAPTOR FJIC 10 X MJIC 10	3	EA
13	034-1567	U-CUP	4	EA
14	041-1714	O-RING	1	EA
15	041-1780	O-RING	4	EA
16	041-1782	O-RING	1	EA
17	043-1830	SEAL	2	EA
18	044-1950	BACKUP RING	1	EA
19	064-2360	HYDRAULIC MOTOR (WHITE)	1	EA
20	078-0008	SEAL	1	EA
21	078-2705	NUT	2	EA
22	078-2706	LOCK	1	EA
23	078-2707	TAPERED ROLLER BEARING (CUP)	2	EA
24	078-2708	TAPERED ROLLER BEARING (CONE)	2	EA
25	078-2709	SEAL	1	EA
26	078-2712	NEEDLE BEARING	2	EA
27	078-2713	PLUG	1	EA
28	146-0704	LABEL	2	EA
29	146-0738	GREASE ON LEFT LABEL	1	EA
30	146-0739	RIGHT GREASE LABEL	1	EA
31	502-0039	RESTRICTOR	2	EA
32	502-5271	RING GEAR	1	EA
33	502-5273	SPACER	1	EA
34	502-5274	BUSHING	2	EA
35	502-5276	END PLATE	1	EA

Item	Part No.	Name	Qty	Uom
36	502-5278	SPACER	1	EA
37	502-5279	PINION	1	EA
38	502-5280	SPACER	1	EA
39	502-5281	SPACER	1	EA
40	502-5685	KEY	2	EA
41	502-7590	HYDRAULIC SWIVEL SHAFT	1	EA
42	502-7591	NUT 1"-14UNS	2	EA
43	502-7593	SHAFT	1	EA
44	502-7595	LOCK NUT	2	EA
45	502-8906	HYDRAULIC SWIVEL LOCK	1	EA
46	702-0005	COVER	1	EA
47	702-0045	CUSHION VALVE	1	EA
48	702-7585	HOUSING	1	EA
49	702-7586	PROTECTION PLATE	1	EA
50	702-7587	PROTECTION PLATE	1	EA
51	702-7588	HYDRAULIC FITTING	2	EA
52	702-7589	HYDRAULIC FITTING	2	EA
53	702-0026	SLEEVES KIT CHART	1	EA
54	097-0005	SEAL KIT	1	EA
55	NOTES	TIGHTENING THE NUTS AND BEARINGS	1	EA

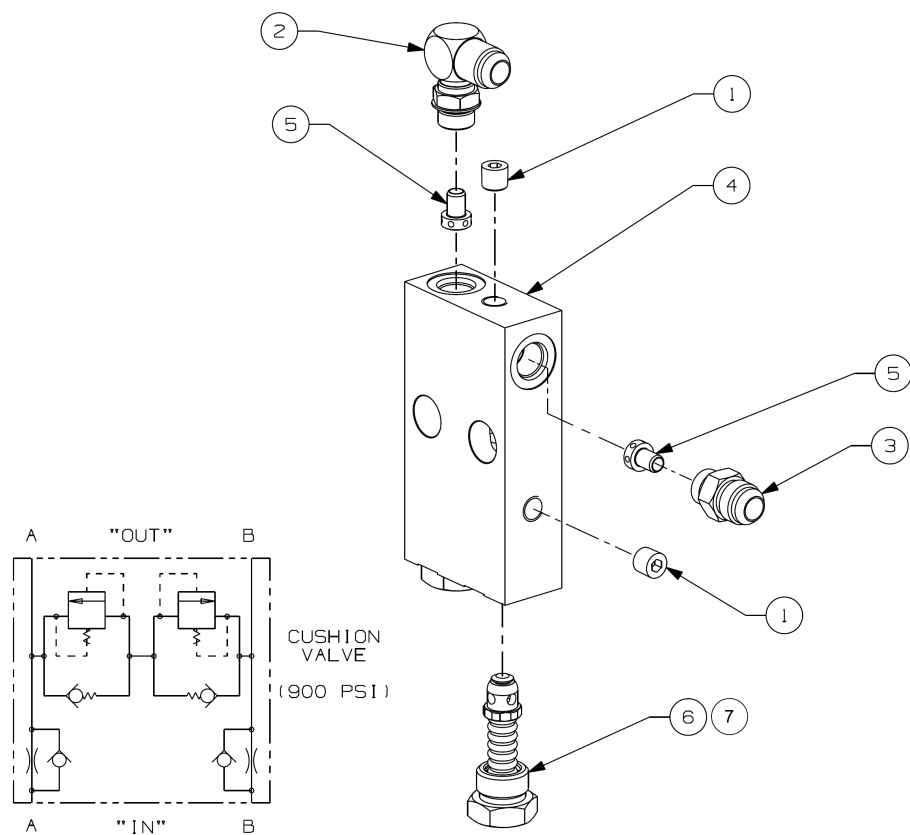
702-0030 ROTATOR 064-2360 HYDRAULIC MOTOR



Item	Part No.	Name	Qty	Uom
1	064-2362	DUST SEAL	1	EA
2	064-2363	RING	1	EA
3	064-2364	BACK UP SHIM	1	EA
4	064-2365	SEAL	1	EA
5	064-2366	HOUSING	1	EA
6	064-2367	SEAL CARRIER	1	EA
7	064-2368	BACK UP RING	1	EA
8	064-2369	BACK UP SHIM	1	EA
9	064-2370	SHAFT SEAL	1	EA
10	064-2371	THRUST BEARING	1	EA

Item	Part No.	Name	Qty	Uom
11	064-2372	SHAFT	1	EA
12	064-2373	CONNECTING SHAFT	1	EA
13	064-2374	WEAR PLATE	1	EA
14	064-2375	SEAL	3	EA
15	064-3088	MOTOR PUMP	1	EA
16	064-3089	PIN	1	EA
17	064-3090	COVER	1	EA
18	064-3091	BOLT	4	EA
19	064-2361	SEAL KIT	1	EA

702-0030 ROTATOR 702-0045 (01) CUSHION VALVE



Item	Part No.	Name	Qty	Uom
1	026-1017	PLUG 1/4 NPT	2	EA
2	030-4077	90° ADJUSTABLE ADAPTOR M / M MJIC 10 X 8 ORB	1	EA
3	030-4078	ORB MALE CONNECTOR MJIC 10 X 8 ORB	1	EA
4	502-0038	MANIFOLD	1	EA
5	503-0013	RESTRICTOR	2	EA
6	826-0015	RELIEF CARTRIDGE VALVE ASS'Y 915 PSI	2	EA
7	067-0097	SEAL KIT	1	EA

DESSIN NON DISPONIBLE

NO DRAWING AVAILABLE

Item	Part No.	Name	Qty	Uom
1	702-0050	SLEEVES 3 1/4 x 1 (B.T.)	1	EA
1	702-0049	SLEEVES 3 1/4 x 0 (B.T.)	1	EA
1	702-0040	SLEEVES 3 1/4 x 1 3/8	1	EA
1	702-0019	SLEEVES 4 x 1 1/2	1	EA
1	702-0033	SLEEVES 4 x 1 3/4	1	EA
1	702-0024	SLEEVES 4 x 2	1	EA
1	702-0022	SLEEVES 4 1/2 x 1 1/2	1	EA
1	702-0023	SLEEVES 4 1/2 x 1 3/4	1	EA
1	702-0021	SLEEVES 4 1/2 x 2	1	EA
1	702-0041	SLEEVES 5 1/4 x 2	1	EA
1	702-0020	SLEEVES 5 1/4 x 2 1/16	1	EA
1	702-0048	SLEEVES 6 x 1 1/2 (1000lbs max0	1	EA
1	702-0025	SLEEVES 6 x 2	1	EA
1	702-0039	SLEEVES 80mm x 35mm	1	EA
1	702-0042	SLEEVES 80mm x 45mm	1	EA
1	702-0031	SLEEVES 100mm x 45mm	1	EA
1	07000-9903	SLEEVES 4 1/2 x 2	1	EA
1	07000-9908	SLEEVES 5 1/4 x 2 1/16	1	EA
1	07000-9909	SLEEVES 4 1/2 x 1 1/2	1	EA
1	07002-1914	SLEEVES 5 3/8 x 2 1/16	1	EA
1	07003-6308	SLEEVES 4 1/2 x 2 1/8	1	EA
1	07004-9941	SLEEVES 3 x 35mm	1	EA

R-9150

SERRER LES ÉCROUS ET ROULEMENTS À L'INTÉRIEUR DE LA ROTATION

Lubrifier l'arbre et monter le premier roulement à l'aide d'une presse de 25 tonnes. (voir note 1)

Monter l'espaceur de roulement.

Monter le deuxième roulement à l'aide d'une presse de 25 tonnes. (voir note 2)

À l'aide d'un marteau de plastique de 56 oz frapper le pourtour du boîtier afin de placer les roulements.

Monter la couronne à l'aide d'une presse de 25 tonnes.

Serrer le premier écrou de roulement à un couple de 300 LB-PI. (voir note 3)

Faire tourner le boîtier à la main quelques tours et frapper le pourtour du boîtier pour placer les roulements.

Serrer le premier écrou de roulement à un couple de 330 LB-PI. (voir note 3)

Frapper de nouveau le pourtour le boîtier à l'aide d'un marteau de plastique et aligner l'écrou et la rondelle frein toujours en serrant.

Le couple pourra être augmenté à 350 LB-PI max.

Serrer le deuxième écrou de roulement à un couple de 300 LB-PI. (voir note 4)

Aligner l'écrou et la rondelle frein toujours en serrant. Le couple pourra être augmenté à 330 LB-PI max.

NOTE TIGHTENING THE NUTS AND BEARINGS NOTES (2) TIGHTENING THE NUTS AND BEARINGS (01)

NOTES TIGHTENING THE NUTS AND BEARINGS

R-9150

TIGHTENING THE NUTS AND BEARINGS INSIDE THE ROTATOR

Lubricate the rotator shaft and install the first bearing with a 25 ton press (see note 1)

Install the bearing spacer

Install the second bearing with a 25 ton press (see note 2)

Using a 56 oz plastic hammer, hit all around the rotator housing to make sure that the bearings are well in place

Install the crown gear with a 25 ton press

Tighten the first nut to 300 ft-lb (see note 3)

Turn the rotator housing manually and hit all around the rotator housing to make sure that the bearing are well in place.

Tighten the first nut to 330 ft-lb (see note 3)

Hit all around the rotator housing again and install the lock and turn the nut to line up one of the clips with a notch of the nut, torque to a maximum torque is 350 ft-lb if necessary.

Following the same procedure tighten the second Nut to 300 ft-lb (see note 4)

Then tighten to 330ft-lb.

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