

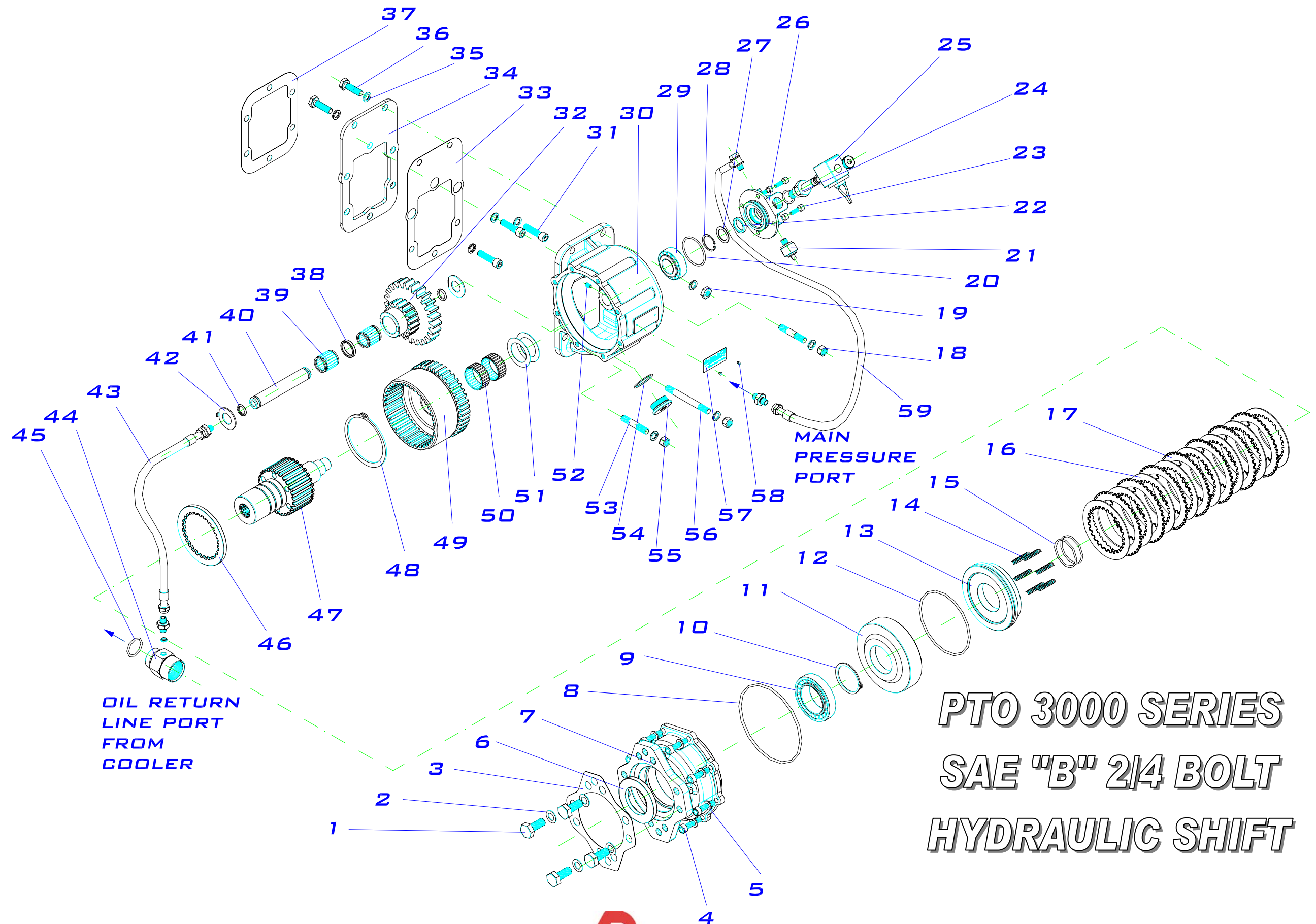
BZ

bezaresusa

PTO 3000 SERIES

PART LIST





PTO 3000 SERIES
SAE "B" 2 1/4 BOLT
HYDRAULIC SHIFT

PTO 3000 Series SAE "B" 2/4 Bolts, hydraulic shifting

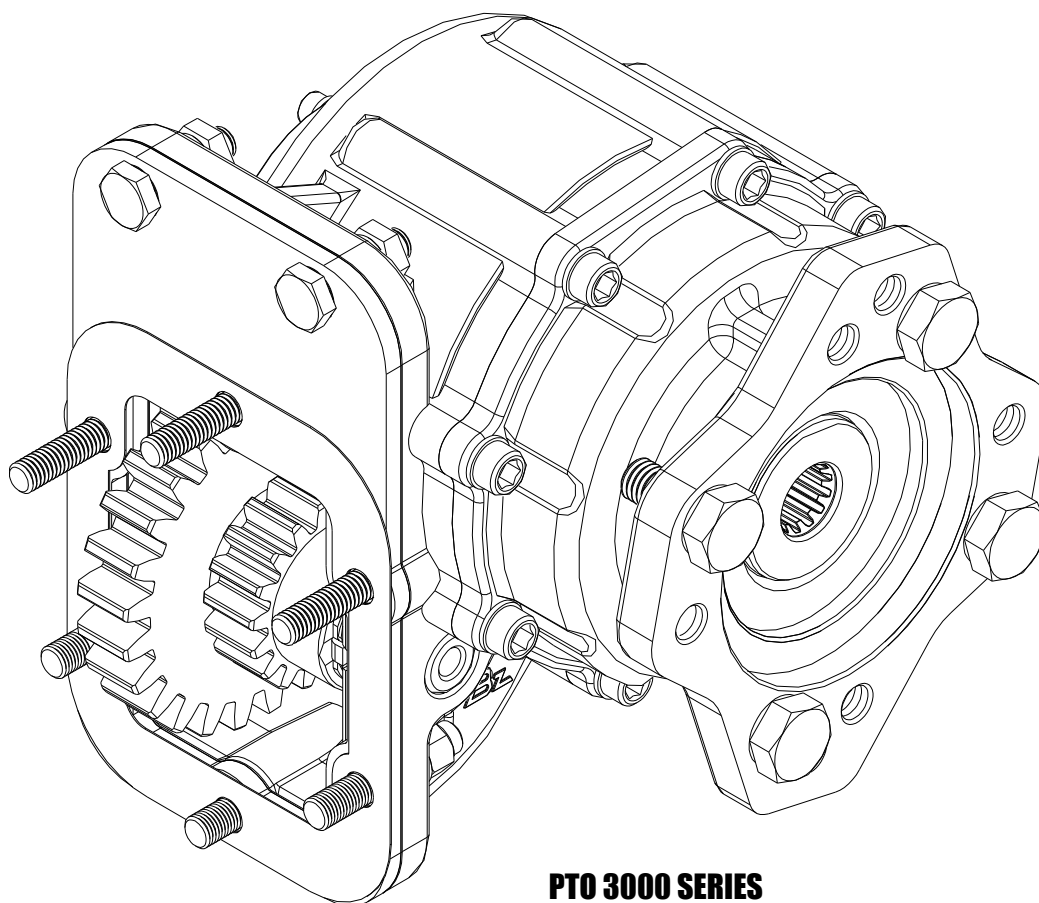
ITEM	QT.	DESCRIPTION	DIM.	P/N	BZ USA Part #
1	4	Hex. head Screw DIN 931	1/2" 13 UNC x 32	116020025	CS025
2	4	Washer DIN 125	Ø13	102010002	WA002
3	1	Gasket		108010091	GA091
4	8	Allen head screw DIN 912	M8 x 25	116010009	AS009
5	8	Washer DIN 125	Ø 8	102010001	WA001
6	1	Seal (VITON)	50 x 80 x 8	112110007	SE011
7	1	Flange Housing		202100311	FL311
8	1	O-ring	134.5 x 3	107010112	OR112
9	1	Taper roller bearing 32010X	50 x 80 x 20	113300021	RB021
10	1	Circlip DIN 471	Ø 50	101010009	SR009
11	1	Piston Liner		202029181	CC181
12	1	O-ring (VITON)	110 x 3	107100013	OR052
13	1	Piston		204010481	PI481
14	6	Spring		109010019	SP019
15	2	O-ring (VITON)	46 x 2	107100014	OR014
16	8	Friction Disk		100110001	FD001
17	7	Friction Plate		100110002	CP002
18	3	Special Nut, hex. 14	M10	119010001	NU001
19	2	Nut DIN 934 8.8	M10 – 1.5	119070004	NU004
20	1	O-ring NBR70	44x2.62	107010070	OR070
21	1	Hydraulic Pressure Switch	1/8" BSP	900999	SW999
22	1	Collar (VITON)	20x26x4.8	105090001	BU001
23	4	Allen Head Screw DIN 912 8.8	M6x20	116010122	AS112
24	1	Valve Cartridge		9049490	CO490
25	1	Valve Coil 12 V.DC		9076890/1	CO790HD
26	1	Hydraulic shifting Cover		208012081	HA081
27	1	Washer PS 20x28x1	20x28x1	103010021	WA021
28	1	Circlip DIN 472	Ø28	101020028	SR028
29	1	Taper roller bearing 32205	25 x 52 x 19.25	113300022	RB022
30	1	Housing 6 bolts		202110342	HS3000
31	3	Allen Head Screw DIN 912 12.9,	3/8" x 25 UNC	116010067	AS067
32	1	Input Gear		TABLE 1	TABLE 1
33	1	Gasket		108010109	GA109
34	1	Adapter Plate 6 bolts		209100411	AP411
35	10	Washer DIN 125	10.5 x 16.8 x 2	102090010	WA010
36	2	Screw DIN 933 8.8	M10 – 1.5 x 35	116030017	CS017
37	*	Gasket, 6 bolts	0.5 mm	108010004	GA6015
	*	Gasket, 6 bolts	0.3 mm	108010102	GA6010
	*	Gasket, 6 bolts	1 mm	108010103	GA6032
38	1	Spacer, idler shaft		209013491	SP491
39	2	Needle cage	20 x 30 x 30	113010003	RB003
40	1	Upper Pin		203044001	IP181
41	2	O-ring	15 x 2.5	107100030	OR022
42	2	Anti-friction Washer		211013431	WA431
43	1	Lubrication Hose - Allison Series		9018399	PLH399

PTO 3000 Series SAE "B" 2/4 Bolts, hydraulic shifting

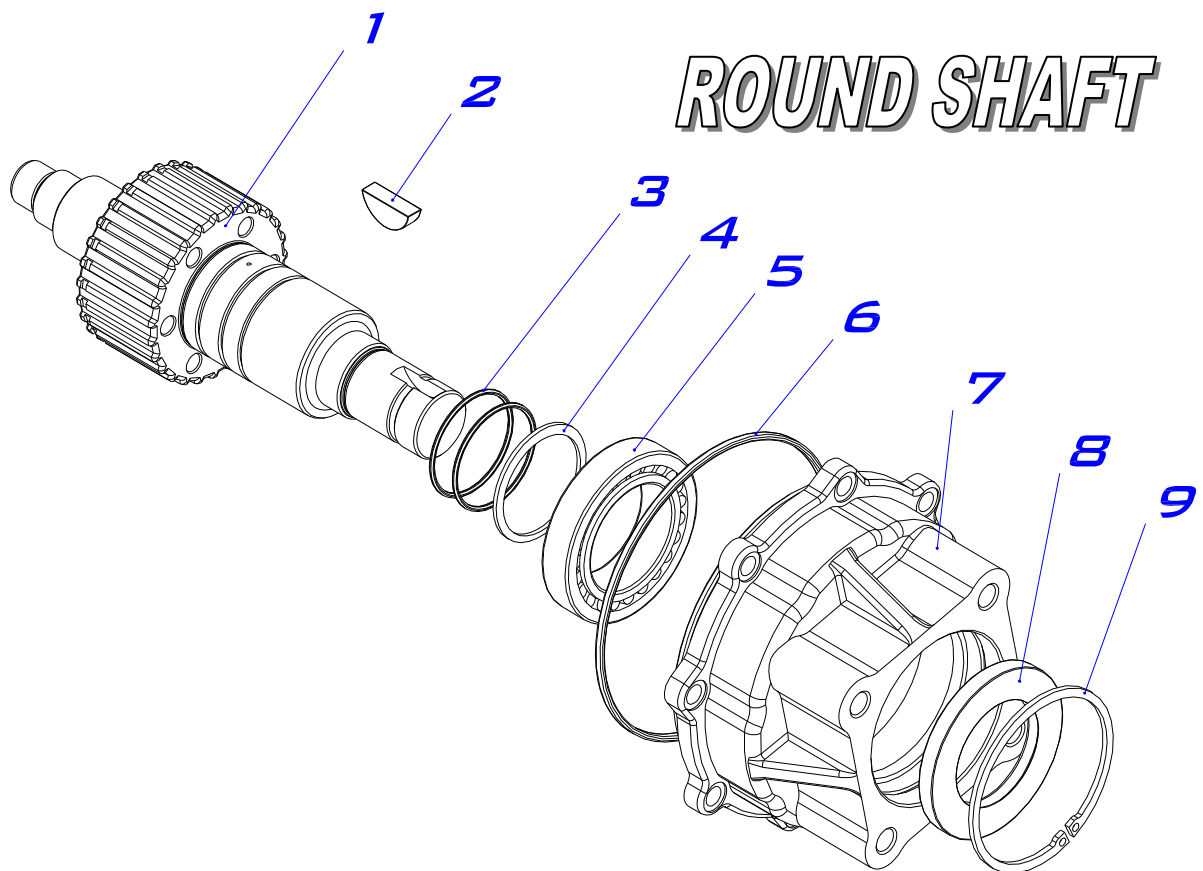
ITEM	QT.	DESCRIPTION	DIM.	P/N	BZ USA Part #
44	1	"T" Connector for AT 500 Series		202120511	FI511
	1	"T" Connector for MT 600 Series		202120401	FI401
	1	"T" Connector for HT 700 Series		202120521	FI521
45	1	O-ring para serie AT 500 Series	Ø15x2.5	107010022	OR022
	1	O-ring para serie MT 600 Series	Ø23x3	107010075	OR075
	1	O-ring para serie HT 700 Series	Ø29x3	107010045	OR045
46	1	Slotted Washer		209019201	WA201
47	1	Splined Shaft, 13 Teeth		203023881	OS881
	1	Splined Shaft, 15 Teeth		203023861	OS861X
48	1	Circlip DIN 471	Ø 85	101010029	SR029
49	1	Output Gear		TABLE1	TABLE 1
50	2	Needle cage	35 x 42 x 18	113010015	SR015
51	2	Friction Washer	35 x 52 x 1	114010002	WA002
52	1	Stud	M6 x 10	117010006	SS006
53	2	Stud L=55 mm	M10x25 / 3/8"x17	117020097	ST097
54	1	Copper Washer	30 x 37	102060010	WA010
55	1	Plug	M30 x 1.5	208020731	PL731
56	1	Stud L=95 mm	M10x23 / 3/8"x17	117020095	ST095
57	1	Identification Plate		126020001	PL001
58	2	Rivet	2.4x4	100050003	RI003
59	1	Lubrication Kit		9019499	PLH499

TABLE 1 INTERNAL GEAR SET

PTO	RATIO	INPUT GEAR	Z		OUTPUT GEAR	Z
			SM. CLUSTER	LG. CLUSTER		
ALLISON 6 BOLTS 3000 series	RATIO "B": 33 %	R/707	15	25	R/708	43
	RATIO "C": 43 %	R/671	18	25	R/672	41
	RATIO "E": 50 %	R/727	19	25	R/728	39



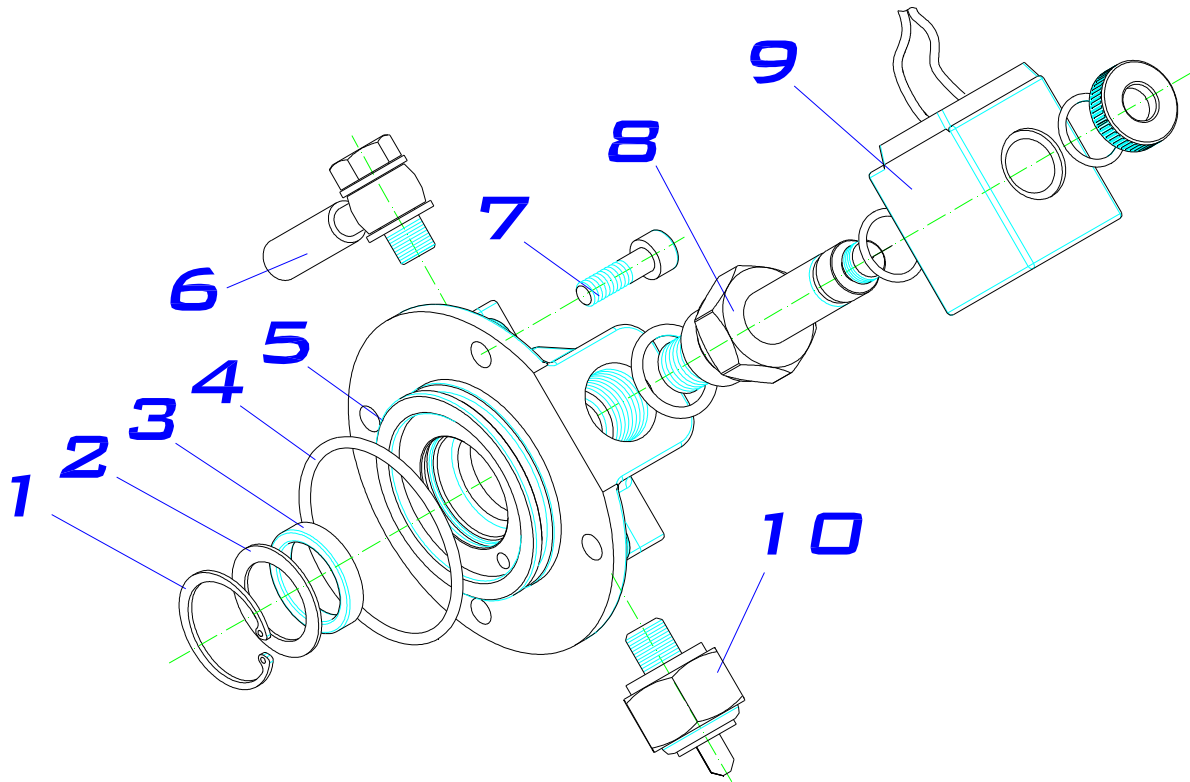
PTO 3000 SERIES



PTO 3000 SERIES

ITEM	QT.	DESCRIPTION	DIM.	P/N	BZ USA Part #
1	1	Output Shaft 1-1/4", with key		203014181	OS181
2	1	Key Woodruff	1 1/8" x 5/16"	106040002	WK002
3	2	O-ring (VITON)	46x2	107100014	OR057
4	1	Circlip DIN 471	Ø50	101010009	SR009
5	1	Taper roller bearing 32010 X		113300021	RB021
6	1	O-ring	134.5x3	107010112	OR112
7	1	Housing Flange		202029131	FL131
8	1	Seal (VITON)	50x80x8	112110007	SE011
9	1	Circlip DIN 472	Ø80	101020015	SR015

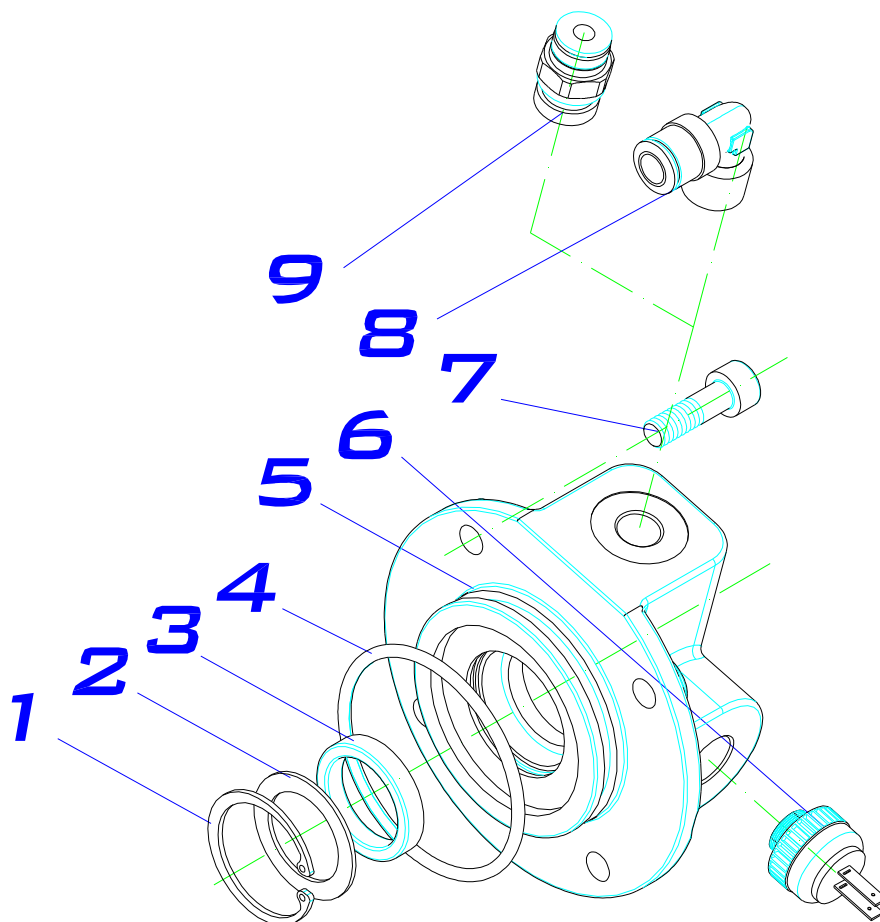
HYDRAULIC SHIFTING KIT (9035799)



PTO 3000 SERIES

ITEM	QT.	DESCRIPTION	DIM.	P/N	BZ USA Part #
1	1	Circlip DIN 472.	Ø28	101020028	SR028
2	1	Washer PS.	20x28x1	103010021	WA021
3	1	Pneumatic Collar (VITON).	20x26x4.8	105090001	BU001
4	1	O-ring (NBR 70).	44x2.62	107010070	OR070
5	1	Hydraulic shifting Cover		208012081	EC081
6	1	Lubrication Kit Allison .		9019499	PLH499
7	4	Screw DIN 912 8.8 .		116010122	AS122
8	1	Cartridge 20L.		9049490	CO490
9	1	Valve Coil 12v .DC		9076890/1	CO790HD
10	1	Hydraulic Pressure Switch	1/8" BSP	900999	SW999

PNEUMATIC SHIFTING KIT (909599)



PTO 3000 SERIES

ITEM	QT.	DESCRIPTION	DIM.	P/N	BZ USA Part #
1	1	Circlip DIN 472.	Ø28	101020028	SR028
2	1	Washer PS.	20x28x1	103010021	WA021
3	1	Pneumatic Collar (VITON).	20x26x4.8	105090001	BU001
4	1	O-ring . (NBR 70).	44x2.62	107010070	OR070
5	1	Pneumatic Piston Cover		208012261	HA081
6	1	Pressure Switch		9015399	SW999A
7	4	Screw DIN 912 8.8 .		116010122	AS112
8	1	Pneumatic Connector 90°	¼ BSP	9028216	FI216-E
9	1	Pneumatic Connector Straight.	¼ BSP	9028116	FI216-S

PTO 2300 / 3000 / 3600 USA CODING

SERIE:

2300.- Clutch PTO, 6 bolts
3000.- Allison 6 bolts
3600.- Clutch PTO, 8 bolts

VERSIONS:

X.- STANDARD.
P.- GREASABLE IDLER SHAFT.

RATIOS:

2300S/3000S/3600S	B (34%)	C (42%)	E (50%)
AT 540 - 543 - 545	1: 0.744	1: 0.970	1:1.076
CLT 740 D-FS, CLT 750-754-754 CR CLBT 750, HT 740-750-750 CRD, HT 750 DB-DR-DRB	1: 0.982	1: 1.280	1:1.420
MT 643-644-647, MT 653 DR, MT 654 CR, MTB 643	1: 1.056	1: 1.376	1:1.520

SHIFTER TYPE:

N = AIR WITHOUT 101 AIR KIT
S = AIR WITH 126 AIR KIT
T = AIR WITH 127 AIR KIT
U = AIR KIT WITH 128 AIR KIT
A = AIR WITH 101 AIR KIT
H = HYDRAULIC
E = ELECTRIC 12V. OVER HYDRAULIC
F = ELECTRIC 24V. OVER HYDRAULIC
M = CONSTANT MESH

INPUT GEAR:

01 = FULLER SERIES
60 = ALLISON 2300 / 3000 SERIES

OUTPUT TYPE:

IA = ISO 4 BOLT
FA = FLANGE SAE 1100
FB = FLANGE SAE 1300
FC = FLANGE SAE 1400
FD = FLANGE DIN 100
RA = SAE "B" 2/4 BOLT 13T. ROTATABLE
RJ = SAE C. 4 BOLT
SE = SAE TYPE 1 1/4" ROUND SHAFT.
SG = SAE TYPE 1 1/2" ROUND SHAFT.

MOUNTING POSITION:

- 1.- RIGHT, FORWARD
- 3.- LEFT, FORWARD

