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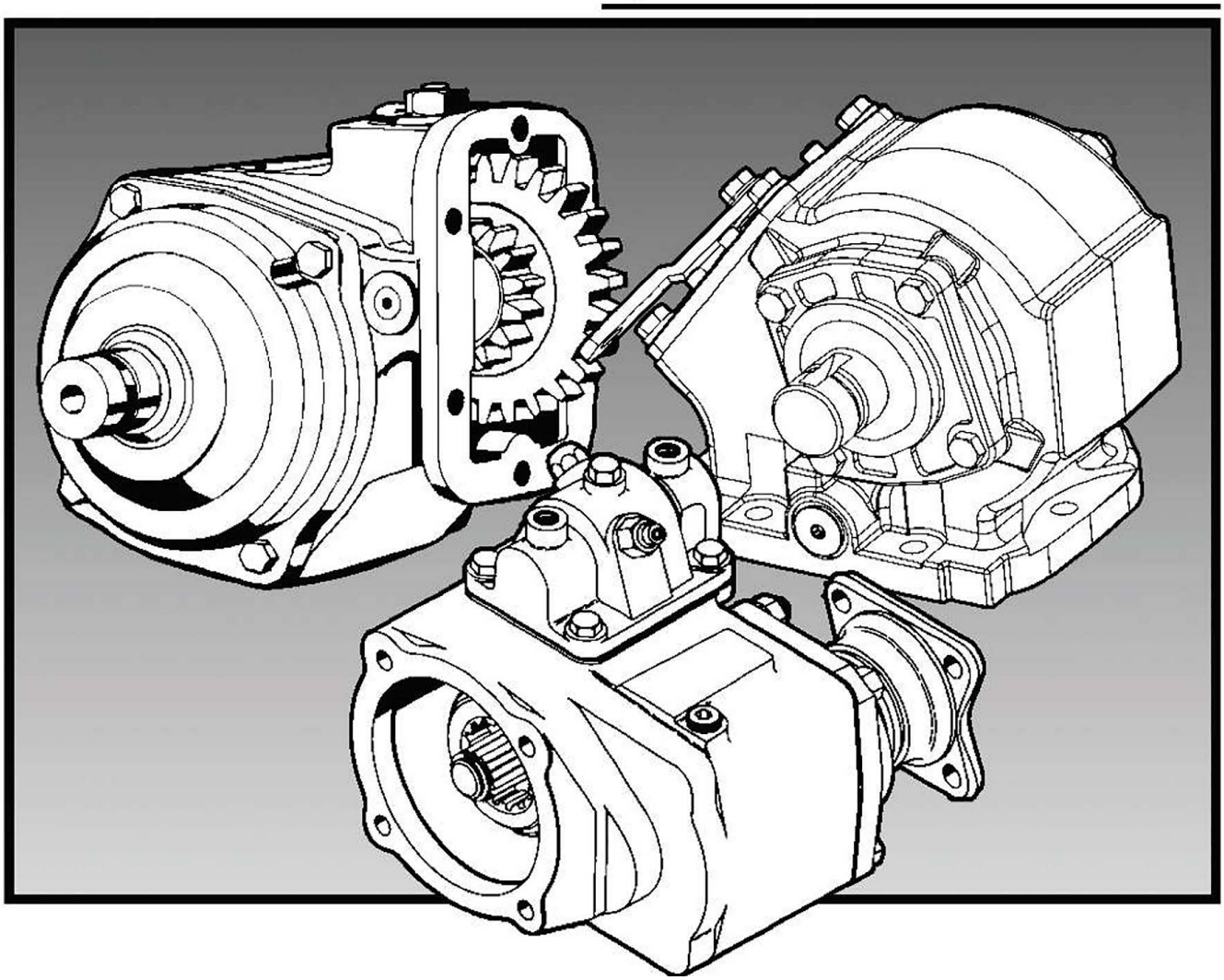
CHELSEA®
Replacement Parts List 441 Series Manual

Bulletin HY25-2441-M1/US

Effective: December 15, 2001
Supersedes: P410-441 Dated November 2000



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Chelsea Products Division
Olive Branch, MS 38654 USA

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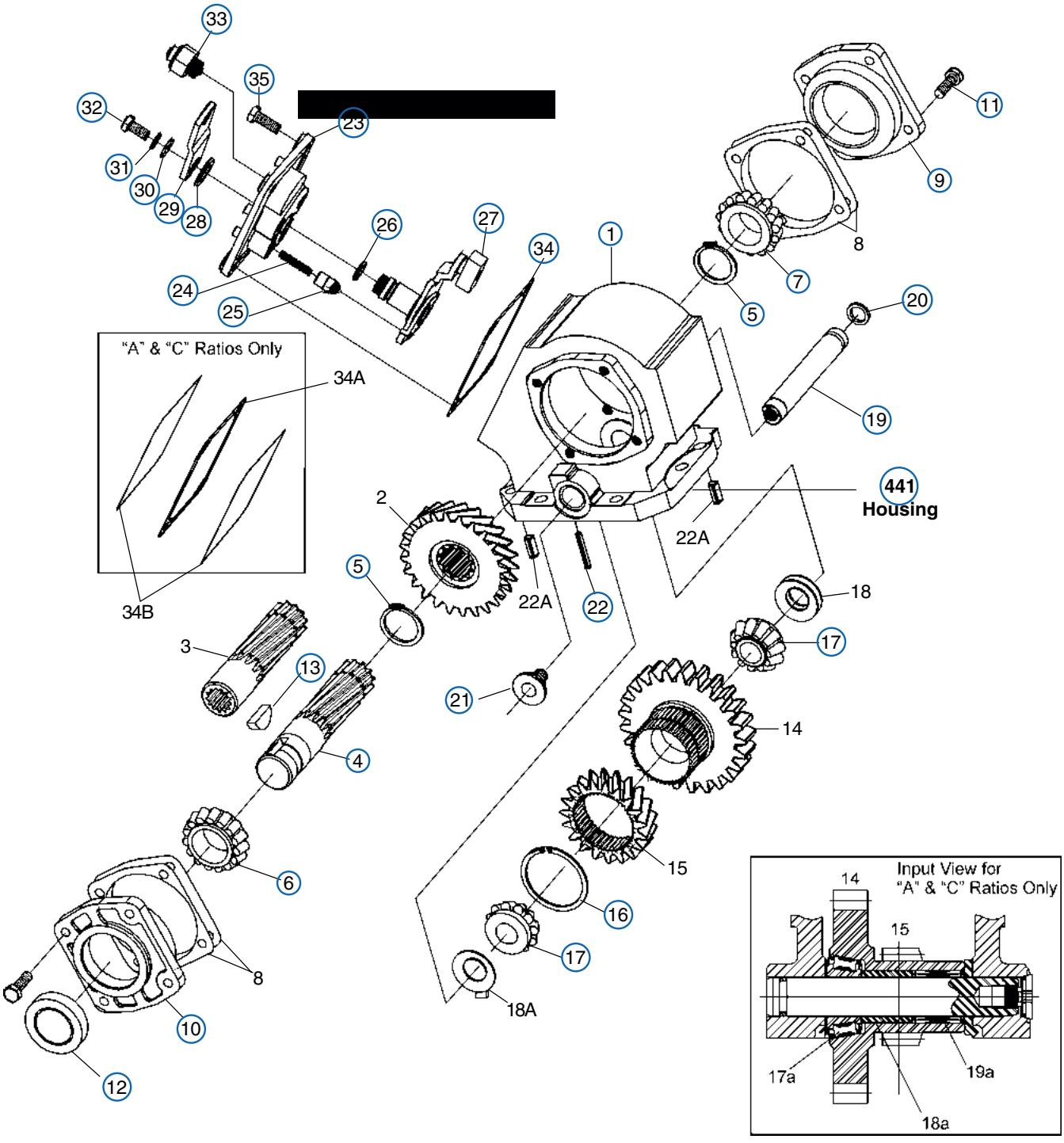

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Olive Branch, MS 38654 USA

Item	Part Number	Description	Quantity
1	**1-P-570X**	Housing, Standard Mount (includes Item 22)	1
2	**See Chart Pg. 9**	Output Gear	1
3	**See Chart Pg. 9**	Output Gear, Pump Mount	1
4 ▶	**3-P-202**	Output Shaft, Standard 1.125" Round .3125 K.W.	1
4 ▶	**3-P-766**	Output Shaft, Tapered	1
N.S.	**379111**	Square Key, "XX" Output	1
N.S.	**501181**	Locknut, Hex "XX" Output	1
5 ▶	**378391**	Lockring	2
6 ▶	**550397**	Bearing Cone, Open End	1
7 ▶	**550532**	Bearing Cone, Closed End	1
8	**22-P-24-1**	Bearing Cap Gasket (.010)	A.R.
	22-P-24-2	Bearing Cap Gasket (.020)	A.R.
	22-P-24-3	Bearing Cap Gasket (.015)	A.R.
9 ▶	**328274X**	Bearing Cap Ass'y, Closed End	1
N.S.	**550221**	Bearing Race	1
10 ▶	**328273X**	Bearing Cap Ass'y, Open End	1
N.S.	**550221**	Bearing Race	1
	See Chart Pg. 11	Bearing Cap Ass'y, Pump Mount	1
11 ▶	**378430-10**	Hex Capscrew .312"-18 x 1.000"	4
12 ▶	**28-P-216**	Oil Seal, Standard Output Shaft	1
	See Chart Pg. 11	Oil Seal, Pump Mount	1
13 ▶	**500007-29**	Woodruff Key	1
14	**See Chart Pg. 9**	Input Gear	1
15	**See Chart Pg. 9**	Input Ratio Gear	1
16 ▶	**379522**	Lockring	1
17 ▶	**550439**	Bearing Cone	2
17A	**561006**	Bearing, Cone **(A & C only)**	1
18A	**14-P-75**	Spacer, Input Bearing **(A & C only)**	1
19A	**550890**	Bearing, Needle Roller **(A & C only)**	1
18	**14-P-73-1**	Idler Gear Spacer (.149-.151)	A.R.
	14-P-73-2	Idler Gear Spacer (.152-.154)	A.R.
	14-P-73-3	Idler Gear Spacer (.155-.157)	A.R.
	14-P-73-4	Idler Gear Spacer (.158-.160)	A.R.
	14-P-73-5	Idler Gear Spacer (.161-.163)	A.R.
18A	**31-P-102**	Tab Thrust Washer	2
19 ▶	**9-P-74**	Idler Shaft, Standard	1
	9-P-76	Idler Shaft, Pressure Lube	1
20 ▶	**28-P-191**	O-Ring	1
21 ▶	**379672**	Retainer Plug, O-Ring, Hex Socket	1
22 ▶	**500597-16**	Roll Pin (1.125" long), Standard Mount	1
22A	**379860**	Slotted Spring Pins	2
		CABLE CONTROL COVER ASSEMBLIES FOR RATIOS Q, W & X	
▶	**329119-1X**	Assemblies 3 & 6	1
▶	**329119-2X**	Assemblies 4 & 5	1
		FOR RATIOS F, H, L, R, S & U	
▶	**329121-1X**	Assemblies 3 & 6	1
▶	**329121-2X**	Assemblies 4 & 5	1
		FOR RATIOS A & C	
▶	**329271-1X**	Shifter Cover Assy, Wire Control (Assy 3 & 6)	1
▶	**329271-2X**	Shifter Cover Assy, Wire Control (Assy 4 & 5)	1

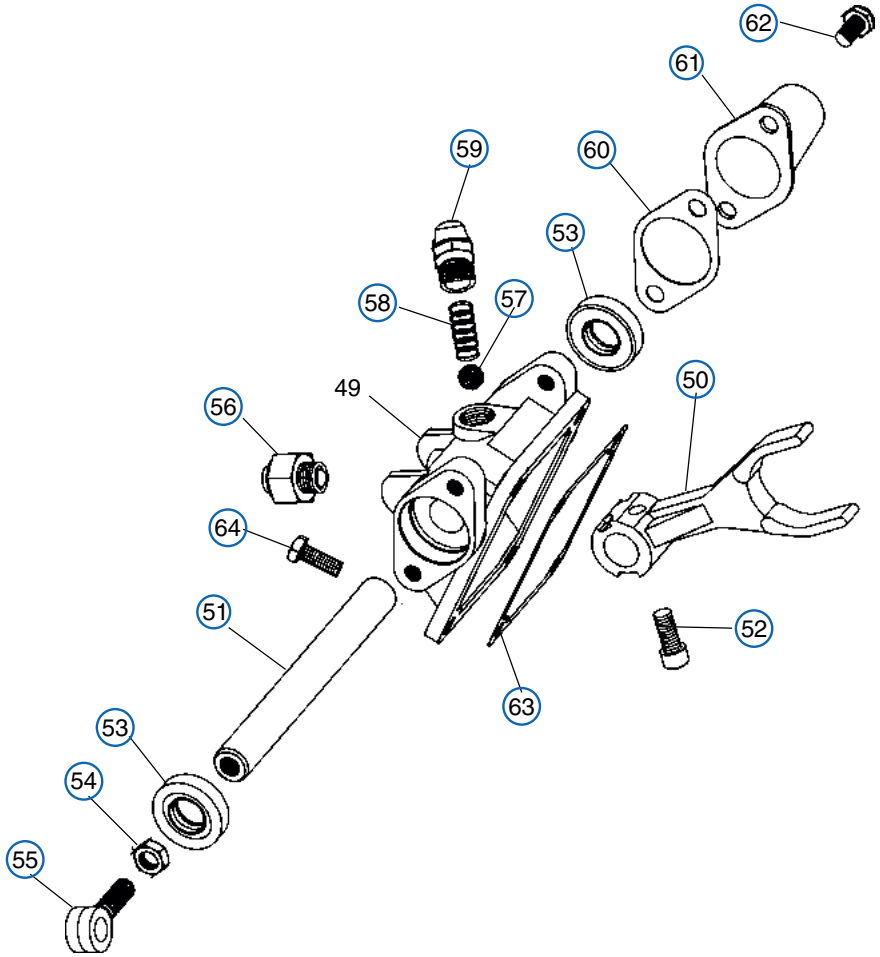
N.S. —Not Shown A.R.—As Required

Table continued on following page

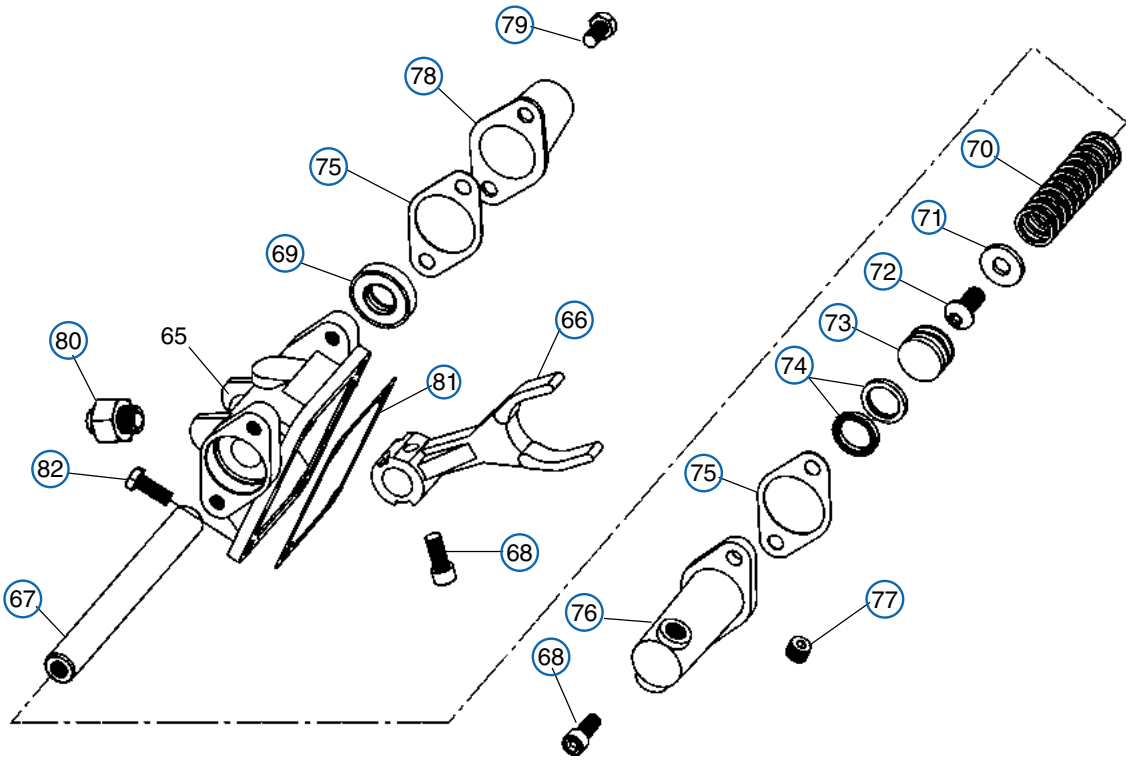
Item		Part Number	Description	Quantity
		All the shift cover assemblies shown on previous page include items 23 thru 33		
23	▶	**34-P-74**	Shifter Cover	1
	▶	**34-P-39**	Shifter Cover, Constant Mesh	1
24	▶	**37-P-19**	Spring	1
25	▶	**63-P-16**	Poppet	1
26	▶	**28-P-191**	O-Ring	1
			POST & PLATE ASS'Y FOR RATIOS Q ,W, X	
27	▶	**329118-1X**	For Assemblies 3 & 6	1
	▶	**329118-2X**	For Assemblies 4 & 5	1
			POST & PLATE ASS'Y FOR RATIOS F, L, R, S & U	
	▶	**329120-1X**	For Assemblies 3 & 6	1
	▶	**329120-2X**	For Assemblies 4 & 5	1
			POST & PLATE ASS'Y FOR RATIOS A & C	
	▶	**329265-1X**	For Assemblies 3 & 6	1
	▶	**329265-2X**	For Assemblies 4 & 5	1
28	▶	**378004**	Flat Washer	1
29	▶	**51-P-22**	Shifter Lever	1
30	▶	**500365-22**	Flat Washer	1
31	▶	**500356-10**	Lockwasher	1
32	▶	**500409-6**	Hex Capscrew	1
33		**379639**	Indicator Switch, Pin Style	1
34	▶	**35-P-8**	Gasket, Shift Cover	1
34A		**5-A-188**	Gasket, Shifter Cover **("A" & "C" Ratio Only)**	1
34B		**35-P-8**	Gasket, Shifter Cover **("A" & "C" Ratio Only)**	2
35	▶	**378430-9**	Hex Capscrew .312"-18 x .875" (Cable Shift)	4
	▶	**378430-8**	Hex Capscrew .312"-18 x .750" (Electric, Lever, Air Shift)	4
	▶	**378430-6**	Hex Capscrew .312"-18 x .625" (Constant Mesh)	4
	▶	**378430-10**	Hex Capscrew (.312"-18 X 1.000") (Wire Shifter A & C Ra	4
			PARTS SHIPPED LOOSE	
		7170-72X	Stud Kit, Metric Standard Mount	1
	▶	**328346-10X**	Wire Control Cable ("W" shifter) (Includes 378441-10 Cable and 378502 Knob)	1
	▶	**329245X**	Wire Control Bracket Kit ("C" shifter)	1
	▶	**328380X**	Wire Control Parts Bag ("W" shifter)	1
		328388-37X	Air Shift Installation Kit ("A" shifter)	1
	▶	**328388-47X**	Air Shift Installation Kit ("P" shifter)	1
	▶	**328388-48X**	Air Shift Installation Kit ("Q" shifter)	1
	▶	**328388-65X**	Air Shift Installation Kit ("S" shifter)	1
	▶	**328388-72X**	Air Shift Installation Kit ("T" shifter)	
	▶	**328751-1X**	INSTALLATION KIT (C, H, W, X & Y Shifter)	1
	▶	**68-P-18**	Name Plate	1
	▶	**378978**	12V Indicator Light	1
	▶	**378884**	9-Amp Fuse Holder	1
	▶	**379252**	Butt Connector	2
	▶	**379640**	Connector	1
		328948-24X	GASKETS & INSTALLATION INSTRUCTIONS	1
		329166-12X	ELECTRIC SHIFT INSTALLATION KIT	1

N.S. - Not Shown

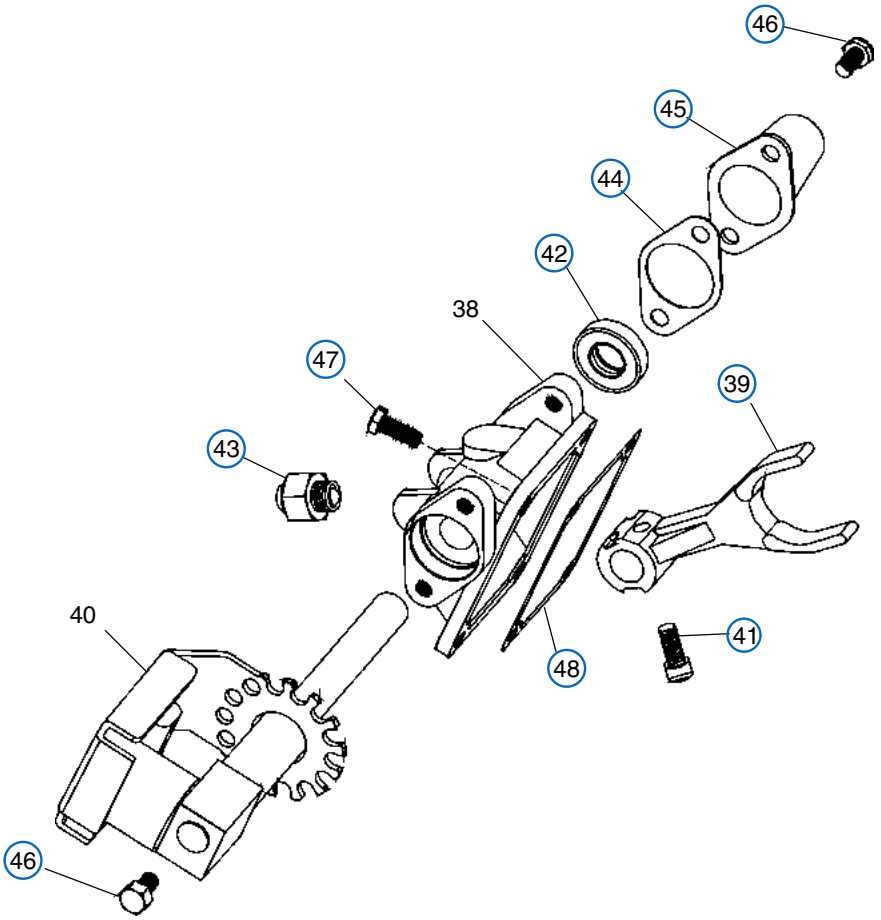
Item	Part Number	Description	Quantity
	▶ **328356-13X**	GASKET & SEAL KIT	1
	▶ **328356-15X**	SHIFT COVER SEAL KIT (Cable Control)	1
	▶ **328356-17X**	SHIFT COVER SEAL KIT (Air Shift)	1
	328356-26X	SHIFT COVER SEAL KIT (Lever Control)	1
	▶ **329143X**	SHIFT SHAFT COVER KIT (Includes Items 60, 61, 62 on pg. 7)	1
	▶ **329218X**	INDICATOR SWITCH SERVICE KIT	1
	▶ **328594-13X**	BEARING & SPACER KIT, Standard Idler Shaft	
	14-P-73-1	Spacer Idler Gear (.149 - .151)	1
	14-P-73-2	Spacer Idler Gear (.152 - .154)	1
	14-P-73-3	Spacer Idler Gear (.155 - .157)	1
	14-P-73-4	Spacer Idler Gear (.158 - .160)	1
	14-P-73-5	Spacer Idler Gear (.161 - .163)	1
	▶ **28-P-191**	O-Ring	1
	▶ **31-P-102**	Thrust Washer	1
	▶ **379672**	NWD Plug	1
	▶ **550439**	Bearing	2
	▶ **9-P-88**	Idler Shaft	1
	▶ **328594-14X**	BEARING & SPACER KIT, Pressure Lube Idler Shaft	
	14-P-73-1	Spacer, Input Gear (.055)	1
	14-P-73-2	Spacer, Input Gear (.060)	1
	14-P-73-3	Spacer, Input Gear (.065)	1
	14-P-73-4	Spacer, Input Gear (.070)	1
	14-P-73-5	Spacer, Input Gear (.075)	1
	▶ **379672**	NWD Plug	1
	▶ **379484**	Hex Socket, Straight Thread	1
	38-P-102	Washer, Thrust	1
	▶ **28-P-191**	O-Ring	1
	▶ **550439**	Bearing Cone	2
	▶ **500841-1**	90° Elbow	1
	▶ **9-P-89**	Idler Shaft	1



Item		Part Number	Description	Quantity
		329035-1X	LEVER CONTROL ASSEMBLY (Ass'y 3 & 6)	1
		329035-2X	LEVER CONTROL ASSEMBLY (Ass'y 4 & 5)	1
		(All the assemblies shown above include items 49 thru 64)		
49		**34-P-87**	Shift Cover	1
50	▶	**32-P-166**	Shifter Fork	1
51	▶	**11-P-112**	Shifter Shaft	1
52	▶	**378447-4**	Socket Head Capscrew	1
53	▶	**28-P-207**	Oil Seal	2
54	▶	**500381-3**	Hex Lock Nut (.375"-24)	1
55	▶	**36-P-1**	Eye Bolt	1
56		**379639**	Indicator Switch	1
57	▶	**378002**	Poppet Ball	1
58	▶	**37-P-41**	Poppet Spring	1
59	▶	**378554**	Poppet Cap	1
60	▶	**35-P-14**	Gasket, Shifter Shaft Cover	1
61	▶	**65-P-23**	Shifter Shaft Cover	1
62	▶	**378430-4**	Hex Capscrew (.312"-18 x .500")	2
63	▶	**35-P-8**	Gasket, Shifter Cover	1
64	▶	**378430-8**	Hex Capscrew (.312"-18 x .750")	4



Item		Part Number	Description	Quantity
		329036-1X	SHIFT COVER ASSEMBLY 12V (Ass'y 3 & 6)	1
		329036-2X	SHIFT COVER ASSEMBLY 12V (Ass'y 4 & 5)	1
			(All the assemblies shown above include items 65 thru 82)	
65		**34-P-76**	Shift Cover	1
66	▶	**32-P-166**	Shifter Fork	1
67	▶	**11-P-112**	Shifter Shaft	1
68	▶	**378447-4**	Socket Head Capscrew (.312"-18 x .750")	3
69	▶	**28-P-207**	Oil Seal	1
70	▶	**37-P-25**	Return Spring	1
71	▶	**378462**	Washer	1
72		**378908**	Button Head Capscrew	1
73	▶	**66-P-22**	Piston	1
74	▶	**28-P-41**	O-Ring	1
75	▶	**35-P-14**	Gasket, Shifter Shaft Cover	2
76	▶	**65-P-14**	Cylinder	1
77	▶	**379231**	Pipe Plug	1
78	▶	**65-P-23**	Shifter Shaft Cover	1
79	▶	**378430-4**	Hex Capscrew (.312"-18 x .500")	2
80		**379639**	Indicator Switch	1
81	▶	**35-P-8**	Gasket, Shift Cover	1
82	▶	**378430-8**	Hex Capscrew (.312"-18 x .750")	4
			AIR SHIFT FIELD CONVERSION KITS	
		328390-85X	Lever To Air Shift	1
	▶	**328390-117X**	Cable To Air (Ass'y 3 & 6)	1
	▶	**328390-118X**	Cable To Air (Ass'y 4 & 5)	1
	▶	**328390-119X**	Cable To Electric/Air 12V (Ass'y 3 & 6)	1
	▶	**328390-120X**	Cable To Electric/Air 24V (Ass'y 3 & 6)	1
		328390-121X	Cable To Electric/Air 12V (Ass'y 4 & 5)	1
		328390-122X	Cable To Electric/Air 24V (Ass'y 4 & 5)	1



Item	Part Number	Description	Quantity
	329165-1X	SHIFT COVER ASSEMBLY 12V (Ass'y 3 & 6)	1
	329165-2X	SHIFT COVER ASSEMBLY 12V (Ass'y 4 & 5)	1
		(All the assemblies shown above include items 38 thru 46)	
38	**34-P-76**	Shift Cover	1
39 ▶	**32-P-166**	Shifter Fork	1
40	**329225-12X**	Electric Shift Ass'y	1
41 ▶	**378447-4**	Socket Head Capscrew (.312"-18 x .500")	1
42 ▶	**28-P-207**	Oil Seal	1
43	**379639**	Indicator Switch, 12 Volt	1
44 ▶	**35-P-14**	Gasket, Shifter Shaft Cover	1
45 ▶	**65-P-23**	Shifter Shaft Cover	1
46 ▶	**378430-4**	Hex Capscrew (.312"-18 x .500")	4
47 ▶	**378430-8**	Hex Capscrew (.312"-18 x .750")	4
48 ▶	**35-P-8**	Gasket, Shifter Cover	1
		ELECTRIC SHIFT FIELD CONVERSION KITS	
	328390-105X	Lever To Electric/Air 12V	1
	328390-106X	Lever To Electric/Air 24V	1
	328390-138X	Cable To Electric 12V (Ass'y 3 & 6)	1
	328390-139X	Cable To Electric 12V (Ass'y 4 & 5)	1
	328390-140X	Lever To Electric/Air 12V	1

For P.T.O.'s ordered without the shifter (Shifter Type "H"), the kits shown below will provide all the components required to complete the assembly.

Part Number	Description
▶ **329106-39X**	Air Shift (Ass'y 3 & 6)
▶ **329106-40X**	Air Shift (Ass'y 4 & 5)
▶ **329106-43X**	Electric/Air 12V (Ass'y 3 & 6)
329106-44X	Electric/Air 12V (Ass'y 4 & 5)
329106-45X	Electric/Air 24V (Ass'y 3 & 6)
329106-46X	Electric/Air 24V (Ass'y 4 & 5)
329106-47X	Lever Shift 12V (Ass'y 3 & 6)
329106-48X	Lever Shift 12V (Ass'y 4 & 5)
▶ **329106-105X**	Cable Shift (Q, W, X Ratios, Ass'y 3 & 6)
▶ **329106-106X**	Cable Shift (Q, W, X Ratios, Ass'y 4 & 5)
▶ **329106-107X**	Cable Shift, Less Cable (Q, W, X Ratios, Ass'y 3 & 6)
▶ **329106-108X**	Cable Shift, Less Cable (Q, W, X Ratios, Ass'y 4 & 5)
▶ **329106-109X**	Cable Shift (F,R,L,S,U Ratios, Ass'y 3 & 6)
▶ **329106-110X**	Cable Shift (F,R,L,S,U Ratios, Ass'y 4 & 5)
▶ **329106-111X**	Cable Shift, Less Cable (F,R,L,S,U Ratios, Ass'y 3 & 6)
▶ **329106-112X**	Cable Shift, Less Cable (F,R,L,S,U Ratios, Ass'y 4 & 5)
329106-125X	Easy Shift 12V (Ass'y 3 & 6)
329106-126X	Easy Shift 12V (Ass'y 4 & 5)
▶ **329143X**	Field Conversion Kit (Shifter Shaft)

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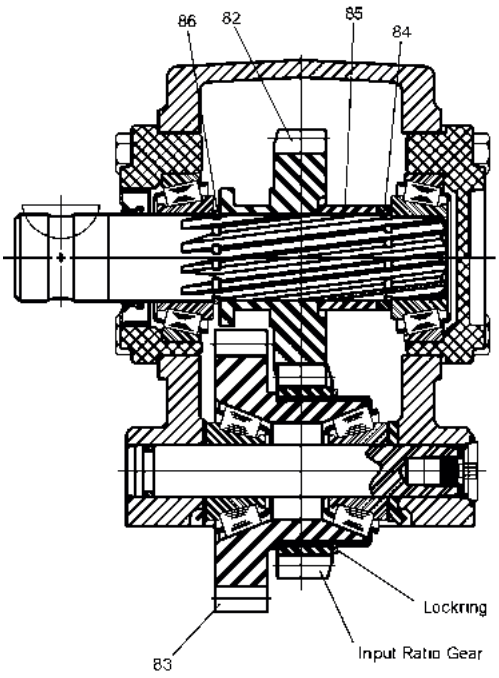
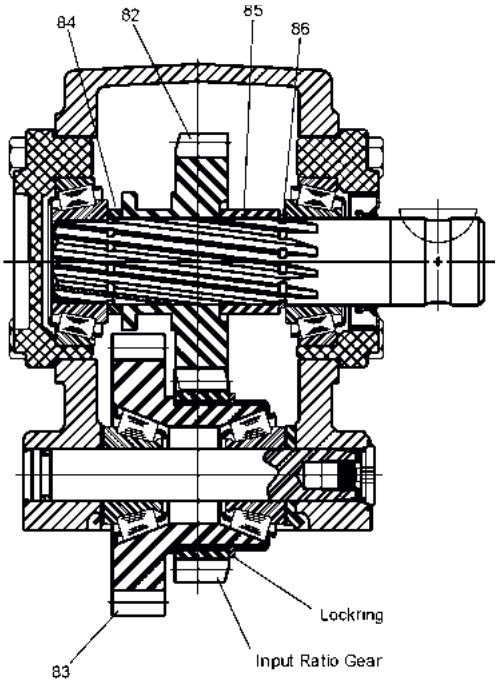


ASS'Y 4 & 6



ASS'Y 3 & 5

Item	Part Number	Description	Quantity
82	**See Chart Below**	Output Gear	1
83	▶ **5-P-1243**	Input Gear	1
84	**54-P-166**	Spacer, Drive Shaft	1
85	**4-P-167**	Spacer, Drive Shaft	1
86	▶ **378391**	Lockring	1
NS	**34-P-39**	Cover Plate, Shifter	1
NS	**35-P-8**	Gasket, Shifter Cover	1
NS	**378430-6**	Capscrews, Hex Head (.312-18 x .625)	4

Input Gear Chart

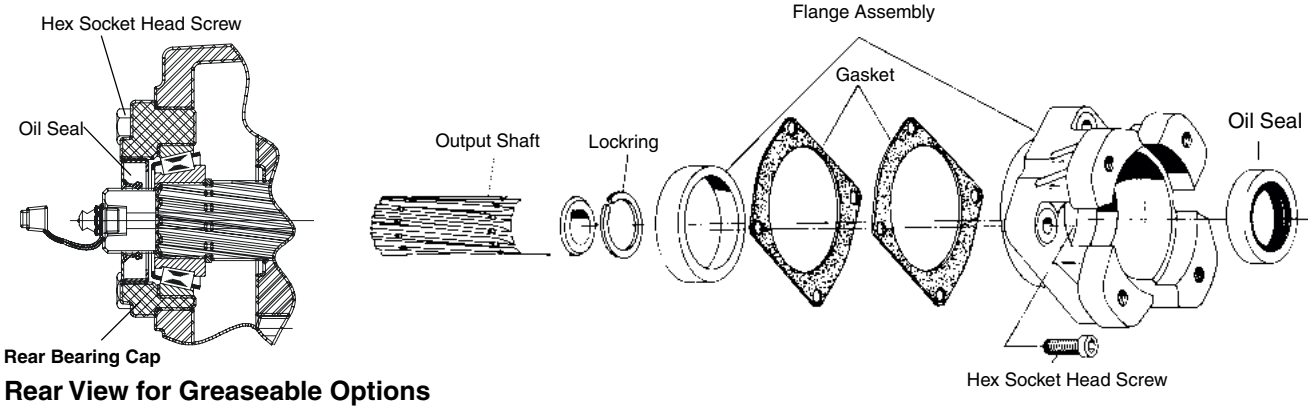
Model Number	Part Number	Gear Type	No. Teeth
441**JA	5-P-1243	Left Hand Helix	27
441*AJA	5-P-1366	Left Hand Helix	27—14
441*CJA	5-P-1368	Left Hand Helix	27—16
441*FJA	5-P-1340	Left Hand Helix	27—21
441*HJA	5-P-1342	Left Hand Helix	27—23

Ratio Gear Charts

INPUT			OUTPUT		
Ratio	**Part Number**	**No. Teeth**	**Ratio**	**Part Number**	**No. Teeth**
A	See Input Gear Chart	-	A	2-P-791	39
C	See Input Gear Chart	-	C	2-P-792	37
F	See Input Gear Chart	-	F	2-P-726	37
H	See Input Gear Chart	-	H	2-P-802	35
L	5-P-964	25	L	2-P-727	34
Q	5-P-965	19	Q	2-P-559	24
R	5-P-1214	22	R	2-P-559	24
S	5-P-966	24	S	2-P-637	22
U	5-P-967	26	U	2-P-560	20
W	5-P-968	26	W	2-P-561	17
X	5-P-969	38	X	2-P-728	21

Flange Suffix	Flange Type	Shaft Type	Conversion Kit
AA	Special For England	.982"-6 Spline	
AF	S.A.E. “BB” 2 or 4 Bolt	1.0"-15 Spline	328591-30X
AK	S.A.E. “B” 2 Bolt	7/8"-13 Spline	328591-28X
AZ	Non-Standard 4 Bolt	1-1/4"-14 Spline	328591-70X
FF	S.A.E. “B” 2 or 4 Bolt	7/8" Round	328591-29X
GA	Rotatable S.A.E. “B” 2 Bolt	7/8"-13 Spline	< 328591-72X
GB	Rotatable S.A.E. “B” 4 Bolt	7/8"-13 Spline	< 328591-74X
GF	S.A.E. “BB” 2 or 4 Bolt	1.0"-15 Spline	< 328591-71X
GK	S.A.E. “B” 2 or 4 Bolt	7/8"-13 Spline	< 328591-89X
GP	S.A.E. “A” Pilot 2 or 4 Bolt	7/8"-13 Spline	< 328591-90X
GQ=	S.A.E. “B” 2 or 4 Bolt	7/8"-13 Spline	< 328591-91X
GR	CHELSEA Special 4 Bolt	7/8"-13 Spline	< 328591-76X
GY	DIN 5462 Pump Mounting	DIN 5462	< 328591-92X
GZ	Non-Standard 4 Bolt	1-1/4"-14 Spline	328591-93X
LA4	S.A.E. “B” 2 Bolt	7/8"-13 Spline	328591-44X
LB4	S.A.E. “A” Pilot 2 Bolt	7/8"-13 Spline	328591-45X
LC4	S.A.E. “B” 2 or 4 Bolt	7/8"-13 Spline	328591-46X
LD4	Similar to “XD”	1-1/4" Round	
LF4	S.A.E. “B” 2 or 4 Bolt	7/8"-13 Spline	328591-48X
RA	Rotatable S.A.E. “B” 2 Bolt	7/8"-13 Spline	328591-55X
RB	Rotatable S.A.E. “B” 4 Bolt	7/8"-13 Spline	328591-56X
RF	Rotatable S.A.E. “BB” 2 Bolt	1.0"-15 Spline	328591-78X
XE	S.A.E. “A” 2 or 4 Bolt	5/8"-9 Spline	328591-27X
XG	Non-Standard 4 Bolt	3/4" Round	328591-10X
XJ	Non-Standard 4 Bolt	3/4" Round	328591-11X
XK	S.A.E. “B” 2 or 4 Bolt	7/8"-13 Spline	328591-16X
XL	Non-Standard 4 Bolt	7/8"-13 Spline	328591-18X
XO	S.A.E. “A” Pilot 2 Bolt	3/4" Round	328591-26X
XP	S.A.E. “A” Pilot 2 or 4 Bolt	7/8"-13 Spline	328591-23X
XQ=	S.A.E. “B” 2 or 4 Bolt	7/8"-13 Spline	328591-17X
XR	CHELSEA Special 4 Bolt	7/8"-13 Spline	328591-52X
XY	DIN 5462 Pump Mounting	7/8"-13 Spline	

XR to “XK” Conversion Flange 21-P-525
< Shaft with Grease Fitting
4 Lube Pump Option
= Similar to Ass’y “XK” Flange Rotated 90°



Rear View for Greaseable Options

Flange Suffix	Conversion Kit*	Front				Rear Cap for Greaseable Option		
		Flange Assembly	Output Shaft	Socket Head	Oil Seal	Bearing Cap Assy	Socket Head	Oil Seal
AA					329102X	3-P-862	378447-8	28-P-216
AF	328591-30X	329088X	3-P-854	378447-10	28-P-219			
AK	328591-28X	328989X	3-P-282	378447-8	28-P-216			
AZ	328591-70X	329052X	3-P-844	378447-11	28-P-230			
FF	328591-29X	329088X	3-P-851	378447-10	28-P-219			
GA	328591-72X	329195X	3-P-923X	378447-6=	28-P-216	328273X	378430-10	28-P-268
GB	328591-74X	329195X	3-P-923X	378447-6=	28-P-216	328273X	378430-10	28-P-268
GF	328591-71X	329088X	3-P-921X	378447-10	28-P-219	328273X	378430-10	28-P-268
GK	328591-89X	328333X	3-P-933X	378447-8	28-P-216	328273X	378430-10	28-P-268
GP	328591-90X	328328X	3-P-933X	378447-8	28-P-216	328273X	378430-10	28-P-268
GQ<	328591-91X	328589X	3-P-933X	378442-8	28-P-216	328273X	378430-10	28-P-268
GR	328591-76X	329194X	3-P-923X	3796738	28-P-216	328273X	378430-10	28-P-268
GY	328591-92X	329234X	3-P-938X	378430-10	28-P-216	328273X	378430-10	28-P-268
GZ	328591-93X	329052X	3-P-939X	378447-11	28-P-230	328273X	378430-10	28-P-268
LA8	328591-44X	328989X	3-P-858	378447-8	28-P-216			
LB8	328591-45X	328328X	3-P-858	378447-8	28-P-216			
LC8	328591-46X	328589X	3-P-858	378447-8	28-P-216			
LD8		328273X	3-P-857	378430-10	28-P-216			
LF8	328591-48X	328333X	3-P-858	378447-8	28-P-216			
RA	328591-55X	329195X	3-P-283	378447-6=	28-P-216			
RB	328591-56X	329195X	3-P-283	348447-6=	28-P-216			
RF	328591-78X	329264X	3-P-924	378447-6=	28-P-219			
XE	328591-27X	329328X	3-P-800	348447-8	28-P-216			
XG	328591-10X	329580X	3-P-281	348447-8	28-P-216			
XJ	328591-11X	329580X	3-P-284	348447-8	28-P-216			
XK	328591-16X	329333X	3-P-282	348447-8	28-P-216			
XL	328591-18X	329580X	3-P-283	348447-8	28-P-216			
XO	328591-26X	329328X	3-P-284	348447-8	28-P-216			
XP	328591-23X	329328X	3-P-282	348447-8	28-P-216			
XQ<	328591-17X	329589X	3-P-282	348447-8	28-P-216			
XR	328591-52X	329194X	3-P-283	3796738	28-P-216			
XY		329234X	3-P-768	378430-10	28-P-230			

* Consists of all the items shown in the illustration, plus Lockring (Item 5) and Bearing Cap Gasket (Item 8)
= Seven required; four to fasten the Flange Assembly 328195X to the housing and three to fasten the rotatable flange to the flange assembly.
< Similar to "XK" Assembly, only rotated 90°
4 Special shoulder stud
8 Lube pump option

NOTE: To convert P.T.O.'s with AK, XP, XQ, XN, or XK output to the lube pump option, use 329097-1X.
To convert P.T.O.'s with XD output to the lube pump option, use 329096-1X

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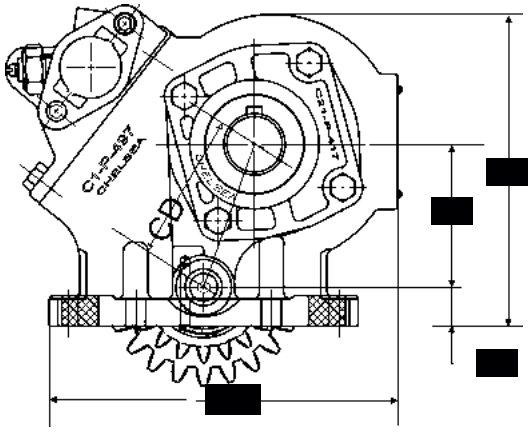
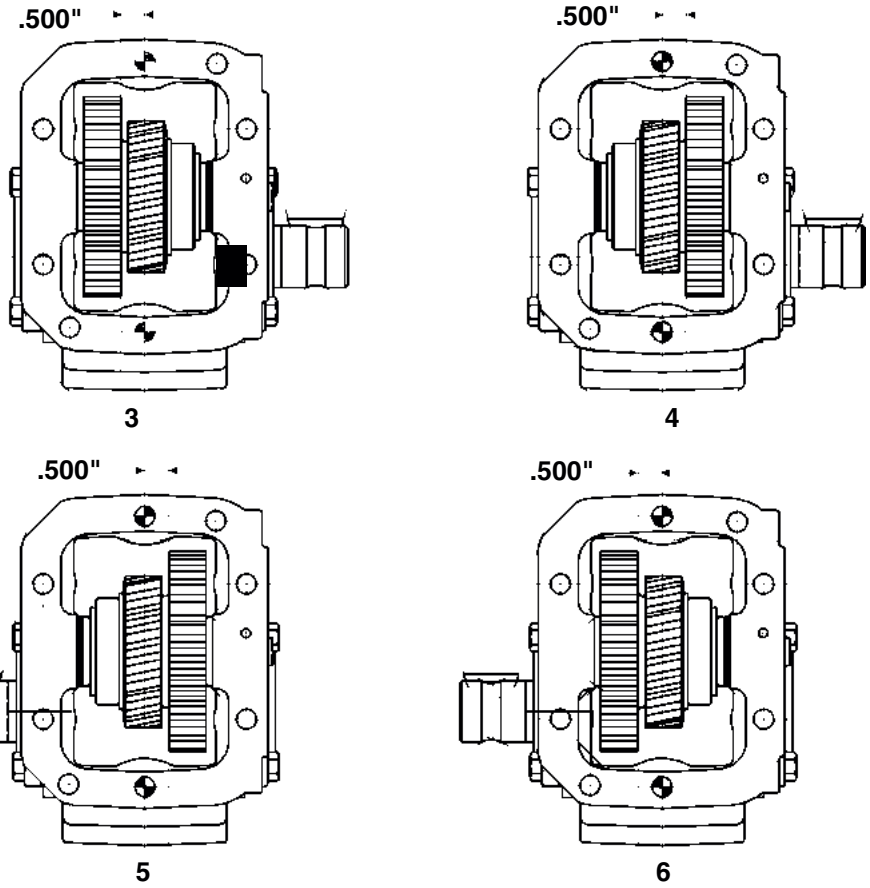
P.T.O. Housing Dimensions



P.T.O. Series	Part Number	CA	CB	CD	CH	CV
441 Standard	1-P-570X	0.793	3.007 (F,H,L,R,S,U) 2.908 (Q,W,X) 2.775 (A,C)	3.317 (F,H,L,R,S,U) 3.087 (Q,W,X) 3.050 (A,C)	6.428	7.000

Assembly Arrangements



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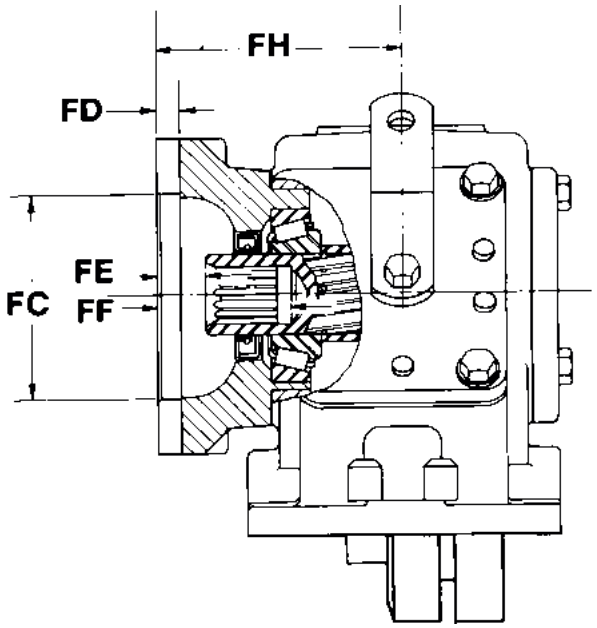

Pump Flange Suffix	Bolt Circle Dia.	BOLT HOLES		FC	F D	F E	F F	F H	OUTPUT SHAFT	Keyway Width
		Tapped Hole	No. Equally Spaced	Female Pilot Diameter	Pilot Depth	Face to end of Shaft	Face thru Hole	Face to Center of P.T.O.	Hole Dia.	
AA	2.834	M10-1.5	6	2.050	N/A	N/A	N/A	3.447	.982/.816 - 6 Spline	
AF, GF	5.750	.500"-13	2	4.003	0.406	0.516	1.984	4.322	1"-15 Spline	
	5.000	.500"-13	4	4.003	0.406	0.516	1.984	4.322		
AK	5.750	.500"-13	2	4.003	0.406	0.562	2.062	3.688	7/8" - 13 Spline	
AZ, GZ	5.000	.500"-13	4	4.003	0.406	0.695	2.392	4.985	1-1/4" - 14 Spline	
FF	5.750	.500"-13	2	4.003	0.406	0.516	1.984	4.322	7/8" Round	1/4"
	5.000	.500"-13	4	4.003	0.406	0.516	1.984	4.322		
RA= , GA	5.750	.500"-13	2<	4.003	0.406	0.558	2.058	4.588	7/8"-13 Spline	
RB= , GB	5.000	.500"-13	4	4.003	0.406	0.558	2.058	4.588	7/8"-13 Spline	
RC=	4.188	.375"-16	2<	3.253	0.270	0.525	1.462	3.694	5/8"-9 Spline	
RD=	4.188	.375"-16	2<	3.253	0.270	0.525	1.462	3.694	7/8"-13 Spline	
RF= , GH	5.750	.500"-13	2<	4.003	0.406	0.501	1.969	4.569	1"-15 Spline	
RY=	3.150	M12-1.75	4	3.152	0.394	0.360	2.274	4.79	DIN 5462	
XE	5.000	.500"-13	4	3.253	0.344	0.562	1.500	3.688	5/8"-9 Spline	
XG	4.188	.375"-16	4	3.253	0.562	0.593	2.218	4.562	3/4" Round	3/16"
XJ	4.188	.375"-16	4	3.253	0.562	1.406	2.906	4.562	3/4" Round	3/16"
XK, GK	5.750	.500"-134	2	4.003	0.406	0.562	2.062	3.688	7/8"-13 Spline	
	5.000	.500"-134	4	4.003	0.406	0.562	2.062	3.688		
XL	4.188	.375"-16	4	3.253	0.562	0.562	2.062	4.562	7/8"-13 Spline	
XO	5.000	.500"-13	4	3.253	0.344	0.562	2.062	3.688	3/4" Round	3/16"
	4.188	.375-16	2	3.253	0.344	0.562	2.062	3.688		
XP, GP	5.000	.500"-13	4	3.253	0.344	0.562	2.062	3.688	7/8"-13 Spline	
	4.188	.375"-16	2	3.253	0.344	0.562	2.062	3.688		
XY, GY	4.454	M12-1.75	4	3.152	0.393	0.594	2.508	4.697	DIN 5462	
XQ, GQ	5.750	.500"-13	2	4.003	0.406	0.562	2.062	3.688	7/8"-13 Spline	
	5.000	.500"-13	4	4.003	0.406	0.562	2.062	3.688		
XR, GR	3.710	.312"-24	4	2.752	0.281	N/A	N/A	2.809	7/8"-13 Spline	

= Rotatable Flange Rotates in 30° Increments
< Two Set of Holes Spaced 14° Apart
4 Not Tapped

NOTE: To convert an “XR” to an “XK”, use conversion flange number 21-P-525.

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Model Number Designation
441 Series

441 G Q JA X – Y 4 XD

BASIC MODEL
441

MOUNTING TYPE
G = Standard/Metric

GEAR RATIO

A = 0.391:1	**C** = 0.489:1
F = 0.520:1	**H** = 0.713:1
L = 0.691:1	**Q** = 0.865:1
R = 0.941:1	**S** = 1.205:1
U = 1.410:1	**W** = 1.713:1
X = 2.000:1	

INPUT GEAR DESIGNATOR

LUBRICATION
X = No Lubrication
P = Pressure Lube

OUTPUT TYPE

XD = 1.250" Rd.	**XE** = S.A.E. "A" 2 or 4 Bolt
XG = S.A.E. "A" 2 Bolt	**XJ** = S.A.E. "A" 2 Bolt
XK = S.A.E. "B" 2 or 4 Bolt	**XL** = S.A.E. "A" 2 Bolt
XO = S.A.E. "A" 2 Bolt	**XP** = S.A.E. "A" 2 or 4 Bolt
XQ = S.A.E. "B" 2 or 4 Bolt	**XR** = CHELSEA Special
XX = 1-1/4" Rd S.A.E. Taper*	**XY** = DIN 5462 Flange w/ 1.245" 12T
AA = Special For England	**AF** = S.A.E. "BB" 2 or 4 Bolt
AK = S.A.E. "B" 2 Bolt	**AZ** = S.A.E. "B" 4 Bolt 1.250" 14T
FF = S.A.E. "B" 2 or 4 Bolt	**RA** = Rotatable S.A.E. "B" 2 Bolt
RB = Rotatable S.A.E. "B" 4 Bolt	**RC** = Rotatable S.A.E. "A" 2 Bolt
RD = Rotatable S.A.E. "A" 2 Bolt	**RF** = Rotatable S.A.E. "BB" 2 Bolt
RY = Rotatable DIN 5462	**GA** = Greaseable Rotatable "B" 2 Bolt
GB = Greaseable Rotatable "B" 4 Bolt	**GF** = Greaseable S.A.E. "BB" 2 or 4 Bolt
GR = Greaseable CHELSEA Special	**GK** = Greaseable S.A.E. "B" 2 or 4 Bolt
GP = Greaseable S.A.E. "A" 2 or 4 Bolt	**GQ** = Greaseable S.A.E. "B" 2 or 4 Bolt
GY = Greaseable DIN 5462 Flange w/ 1	**GZ** = Greaseable S.A.E. "B" 4 Bolt 1.250" 14T
LA = S.A.E. "B" 2 Bolt w/ Self Lube Pump	**LB** = S.A.E. "A" Pilot 2 Bolt w/ Self Lube Pump
LC = S.A.E. "B" 2 or 4 Bolt w/ Self Lube Pump	**LD** = 1-1/4" Rd w/ Self Lube Pump
LF = S.A.E. "B" 2 or 4 Bolt w/Self Lube Pump	

ASSEMBLY ARRANGEMENT
3, 4, 5, 6

SHIFTER TYPE
A = Air Shift
H = No Shifter
P = 12V Electric/Air
S = Combo Valve
U = Combo Valve w/Kickout Less Neutral Spring Return
W = Cable Shift
Z = E-Z Shift
C = Special Shift Control and Bracket
M = Constant Mesh
Q = 24V Electric/Air
T = Air Shift with Modified Control Valve
V = Standard Air Shift Less Installation Kit
Y = Lever Shift

*Customer supplies companion flange (Spicer® part# 3-1-604)

Parker Hannifin Corporation
Chelsea Products Division
Olive Branch, MS 38654 USA

Notes

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2. Payment: Payment shall be made by Buyer net 30 days from the date of delivery of the items purchased hereunder. Amounts not timely paid shall bear interest at the maximum rate permitted by law for each month or portion thereof that the Buyer is late in making payment. Any claims by Buyer for omissions or shortages in a shipment shall be waived unless Seller receives notice thereof within 30 days after Buyer's receipt of the shipment.

3. Delivery: Unless otherwise provided on the face hereof, delivery shall be made F.O.B. Seller's plant. Regardless of the method of delivery, however, risk of loss shall pass to Buyer upon Seller's delivery to a carrier. Any delivery dates shown are approximate only and Seller shall have no liability for any delays in delivery.

4. Warranty: Seller warrants that the items sold hereunder shall be free from defects in material or workmanship for a period of:

(A) All Power Take-Off units one (1) year from date of installation.

(B) Except 267, 277, 278, 242, 244, 245, 250, 251 and 859 series two (2) years from date of installation. **THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HEREUNDER. SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY AND FITNESS FOR PURPOSE, WHETHER EXPRESS, IMPLIED, OR ARISING BY OPERATION OF LAW, TRADE USAGE, OR COURSE OF DEALING ARE HEREBY DISCLAIMED. NOTWITHSTANDING THE FOREGOING, THERE ARE NO WARRANTIES WHATSOEVER ON ITEMS BUILT OR ACQUIRED WHOLLY OR PARTIALLY, TO BUYER'S DESIGNS OR SPECIFICATIONS.**

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6. Changes, Reschedules and Cancellations: Buyer may request to modify the designs or specifications for the items sold hereunder as well as the quantities and delivery dates thereof, or may request to cancel all or part of this order, however, no such requested modification or cancellation shall become part of the contract between Buyer and Seller unless accepted by Seller in a written amendment to this Agreement. Acceptance of any such requested modification or cancellation shall be at Seller's discretion, and shall be upon such terms and conditions as Seller may require.

7. Special Tooling: A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture items sold pursuant to this contract. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the items sold hereunder, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

8. Buyer's Property: Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, may be considered obsolete and may be destroyed by Seller after two (2) consecutive years have elapsed without Buyer placing an order for the items which are manufactured using such property, Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.

9. Taxes: Unless otherwise indicated on the face hereof, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of the items sold hereunder. If any such taxes must be paid by Seller or if Seller is liable for the collection of such tax, the amount thereof shall be in addition to the amounts for the items sold. Buyer agrees to pay all such taxes or to reimburse Seller therefore upon receipt of its invoice. If Buyer claims exemption from any sales, use or other tax imposed by any taxing authority, Buyer shall save Seller harmless from and against any such tax, together with any interest or penalties thereon which may be assessed if the items are held to be taxable.

10. Indemnity For Infringement of Intellectual Property Rights: Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Part 10. Seller will defend and indemnify Buyer against allegations of infringement of U.S. Patents, U.S. Trademarks, copyrights, trade dress and trade secrets (hereinafter 'Intellectual Property Rights'). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that an item sold pursuant to this contract infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If an item sold hereunder is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using said item, replace or modify said item so as to make it noninfringing, or offer to accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to items delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any item sold hereunder. The foregoing provisions of this Part 10 shall constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.

If a claim is based on information provided by Buyer or if the design for an item delivered hereunder is specified in whole or in part by Buyer, Buyer shall defend and indemnify Seller for all costs, expenses or judgments resulting from any claim that such item infringes any patent, trademark, copyright, trade dress, trade secret or any similar right.

11. Force Majeure: Seller does not assume the risk of and shall not be liable for delay or failure to perform any of Seller's obligations by reason of circumstances beyond the reasonable control of Seller (hereinafter 'Events of Force Majeure'). Events of Force Majeure shall include without limitation, accidents, acts of God, strikes or labor disputes, acts, laws, rules or regulations of any government or government agency, fires, floods, delays or failures in delivery of carriers or suppliers, shortages of materials and any other cause beyond Seller's control.

12. Entire Agreement/Governing Law: The terms and conditions set forth herein, together with any amendments, modifications and any different terms or conditions expressly accepted by Seller in writing, shall constitute the entire Agreement concerning the items sold, and there are no oral or other representations or agreements which pertain there/to. This Agreement shall be governed in all respects by the law of the State of Ohio. No actions arising out of the sale of the items sold hereunder or this Agreement may be brought by either party more than two (2) years after the cause of action accrues.

9/01-P

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