

Drive Shaft S/A - Item #1

Item #	Part Number	Description	Item #	Part Number	Description
1a	74624-200	15 Tooth 16/32 Spline with Snap Ring Groove with Snap Ring, .375-16 UNC-2B Thread, 18.3 [.72] Min Full Thread, Shaft Ext 39.6 [1.56]	1k	74644-214	Front - 15 Tooth 16/32 Spline, Shaft Ext 46 [1.81] Rear - Straight Shaft Dia 22.22 [.875], Keyway 6.35 X 26.9 [.250 X 1.06], Shaft Length from Mounting Flange 271.5 [10.69] (Short Key Included)
1b	74624-201	15 Tooth 16/32 Spline with Snap Ring Groove, Shaft Ext 46 [1.81]			
1c	74624-202	Taper 1:8, Dia 25.4 [1.00], Woodruff Keyway Dia 25.4 [1.00] X 6.35 [.250], .625-18 UNC-2A Thread, Shaft Ext 69 [2.72]	1l	74644-215	Front - Taper .125:1 Dia 22.22 [.875], Woodruff Keyway Dia 15.75 [.620] X 3.96 [.156], .500-20 UNF-2A Thread, Shaft Ext 57.9 [2.28] Rear - Straight Shaft Dia 25.4 [1.00], Keyway 6.35 X 38.4 [.250 X 1.51], Shaft Length from Mounting Flange 292.1 [11.50]
1d	74624-203	13 Tooth 16/32 Spline, Shaft Ext 41.1[1.62]			
1e	74624-204	Straight Shaft , Dia. 25,4 [1.00], Keyway 6,35 x 38,1 [.250 x 1.50], Shaft Ext. 63,5 [2.50]			
1f	74624-206	15 Tooth 16/32 Spline Tapered 1:8 with .375-16 UNC-2B Thread, 18.3 [.72] Min Full Thread, Shaft Ext 46 [1.81]	1m	74644-216	Front - Taper .125:1 Dia 22.22 [.875], Woodruff Keyway Dia 15.75 [.620] X 3.96 [.156], .500-20 UNF-2A Thread, Shaft Ext 57.9 [2.28] Rear - Straight Shaft Dia 25.4 [1.00], Shaft Length from Mounting Flange 254 [10.00], Shaft End Hole Internal 6.40 [.252] X 14 [.55] Deep

Through Shaft (74644)

Item #	Part Number	Description
1g	74644-206	Front - 15 Tooth 16/32 Spline with Snap Ring Groove with Snap Ring, .375-16 UNC-2B Thread, 18.3 [.72] Min Full Thread, Shaft Ext 39.6 [1.56] Rear - 15 Tooth 16/32 Spline, Shaft Length From Mounting Flange 258.6 [10.18]
1h	74644-209	Front - 15 Tooth 16/32 Spline Tapered 1:8 with .375-16 UNC-2B Thread, 18.3 [.72] Min Full Thread, Shaft Ext 46 [1.81] Rear - Straight Shaft Dia 25.4 [1.00], Keyway 6.3 X 25.4 [.250 X 1.00], Shaft Length from Mounting Flange 274.3 [10.80]
1i	74644-210	Front - Straight Shaft , Dia. 25,4 [1.00], Keyway 6,35 x 38,1 [.250 x 1.50], Shaft Ext. 63,5 [2.50] (Key Included) Rear - Straight Shaft Dia 25.4 [1.00], Keyway 6.3 X 25.4 [.250 X 1.00], Shaft Length from Mounting Flange 274.3 [10.80]
1j	74644-212	Front - 15 Tooth 16/32 Spline Tapered 1:8 with .375-16 UNC-2B Thread, 18.3 [.72] Min Full Thread, Shaft Ext 46 [1.81] Rear - 15 Tooth 16/32 Spline, with .375-16 UNC-2B Thread, 18.3 [.72] Min Full Thread, Shaft Length from Mounting Flange 274.3 [10.80]

Backplate S/A - Item #2

Item #	Part Number	Description
2a	74624-301	Rear porting, through drain into mounting flange
2b	74624-305	Rear porting, drain port Horizontal top rear of unit
2c	74624-315	Same side porting, drain port vertical top rear of unit, two mounting holes bottom rear
2d	74624-317	Same side porting, drain port vertical top rear of unit

Housing for Through Shaft (74644)

Item #	Part Number	Description
2e	74644-308	Same side porting, drain port vertical top rear of unit

Housing S/A - Item #3

Item #	Part Number	Description
3a	74624-303	Through drain into mounting flange
3b	74624-307	No drain in housing
3c	74624-309	Special housing used with item 18 #17141-10 and item 19 #74600-620. Also has slotted 2 bolt B flange.

Parts List

Item	Part No.	Qty.	Description
1	Refer to List	1	Drive Shaft
2	Refer to List	1	Backplate Assembly
3	Refer to List	1	Housing Assembly
4	74614-50	1	Rotating Kit Assembly - Refer to specific parts list
4a	74614-52	1	Rotating Kit Assembly - Heat Treated - Refer to specific parts list
+~ 5	16009-118	1	Retaining Ring
+~ 6	160015-57	1	O-ring, 2,37 mm Dia. x 114,3 mm ID. [.0937 in. Dia. x 4.5 in. ID.]
7	74600-102	1	Thrust Bearing
8	74600-600	2	Pivot
9	74600-601	1	Spider
10	74600-603	1	Key
11	74604-5	9	Piston
12	74604-10	9	Piston Assembly
13	74604-59	1	Connector Plate
14	74600-605	1	Spacer
+~ 15	16232-16	1	Shaft Seal
16	74600-100	1	Bearing Race
17	74600-110	1	Piston Race S/A
18	17140-1	1	Spring - Refer to specific parts list
18a	17141-10	1	Spring - Refer to specific parts list
18b	17142-1	1	Spring - Refer to specific parts list
19	74600-614	1	Pilot - Refer to specific parts list
19a	74600-620	1	Pilot - Refer to specific parts list
20	74600-104	1	Thrust Bearing
21	16241-D916	1	Bearing Race
22	16032-510	6	Cap Screws, 5/16-18, 25,4 mm [1 in.] Long - Refer to specific parts list
22a	16032-514	4	Cap Screws, 5/16-18, 38,1 mm [1.5 in.] Long - Refer to specific parts list
+~ 23	16077-26	1	Retaining Ring
24	74600-103	A/R	Trust Race
25	24500-628	1	Key - 74624-204, 74644-210 & 74644-215
~ 26	16078-16	2	Retaining Ring
27	16241-1625	1	Thrust Bearing
28	16241-C1625	2	Bearing Race
~ 29	16232-16	1	Shaft Seal
~ 30	16048-336	1	Washer
~ 31	16077-26	1	Retaining Ring
32	16032-520	2	Cap Screws, 5/16-18, 50,8 mm [2 in.] Long
+~ 33	16078-16	1	Retaining Ring
34	24500-619	1	Key - Used with Shaft 74644-214 - Refer to specific parts list
34a	16246-430	1	Key - Used with Shaft 74644-209 & 74644-210 - Refer to specific parts list
35	16103-106	1	Plug S/A
35-1	16133-6	1	O-ring, 1,98 mm Dia. x 11,89 mm ID. [.078 in. Dia. x .468 in. ID.]
36	16048-616	A/R	Washer
37	74600-115	A/R	Washer
38	74640-600	1	Spring Collar

Seal Repair Kit

+ 74640-904	Seal Repair Kit for 74624 rear or same side ported motor.
~ 74640-910	Seal Repair Kit for 74644 Through shaft motor.

Parts Drawing

