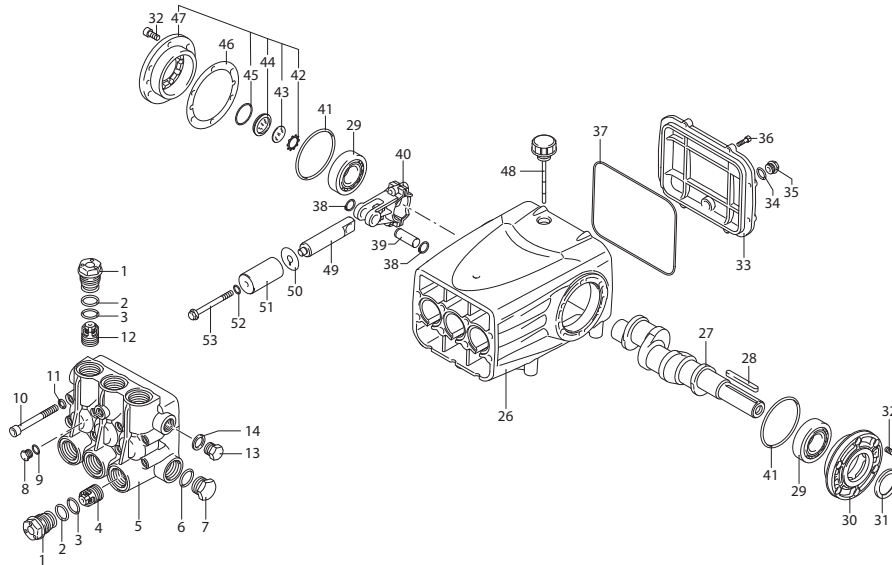


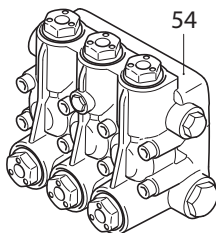
A.R. NORTH AMERICA

HYD-RTX 1450 RPM



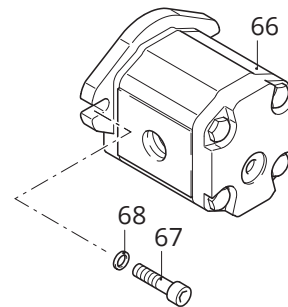
112 - 1

Complete Pump Head



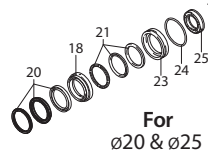
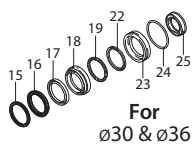
112 - 2

Motor



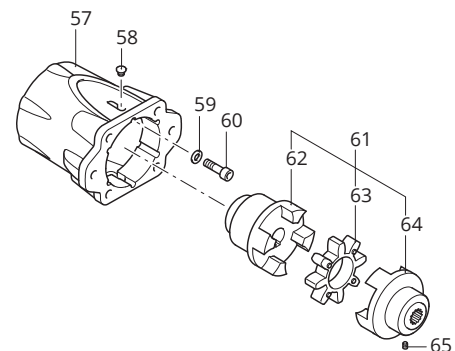
112 - 3

Water Seal & Piston Guides



112 - 4

Coupling



112 - 5

HYD-RTX 1450 RPM PARTS/KITS

Pos	Code	Description	Qty	Note
1	3660190	Valve Cap	6	● □ ■ (3540 in/lbs)
	3660890	Valve Cap	6	▽ ○ (3540 in/lbs)
2	2821390	Fiber Ring	6	
3	1540630	O-Ring	6	Ø 23.47x2.62
4	3669050	Complete Valve	3	Sliver Spring
5	3660020	Blank Head	1	● □ ■
	3660880	Blank Head	1	▽ ○
6	390291	O-Ring	1	Ø 28.25x2.62
7	2820620	Plug	1	1" GH (2655 in/lbs)
8	1380690	Plug	1	1/4" GH (133 in/lbs)
9	820510	O-Ring	1	Ø 10.82x1.78
10	850260	Head Bolt	8	M10x90 (443 in/lbs)
11	650530	Lock Washer	8	
12	3669051	Complete Valve	3	Black Spring
13	2820490	Plug	1	1/2" GH (221 in/lbs)
14	1540120	Washer	1	
15	3660460	Support Ring	3	Ø 30
	3660510	Support Ring	3	Ø 36
16	3660480	High Pressure Seal	3	Ø 30
	3660530	High Pressure Seal	3	Ø 36
17	3660470	Backup Ring	3	Ø 30
	3660520	Backup Ring	3	Ø 36
18	3660250	Piston Guide	3	Ø 20
	3660230	Piston Guide	3	Ø 25
	3660210	Piston Guide	3	Ø 30
	3660570	Piston Guide	3	Ø 36
19	3660490	Low Pressure Seal	3	Ø 30
	3660540	Low Pressure Seal	3	Ø 36
20	3660390	High Pressure Seal	3	Assembly Ø 20
	2821210	High Pressure Seal	3	Assembly Ø 25
21	3660430	Low pressure Seal	3	Assembly Ø 20
	2821250	Low pressure Seal	3	Assembly Ø 25
22	3660500	Scraper Ring	3	Ø 30
	3660550	Scraper Ring	3	Ø 36
23	3660240	Rear Piston Guide	3	Ø 20
	3660220	Rear Piston Guide	3	Ø 25
	3660200	Rear Piston Guide	3	Ø 30
	3660560	Rear Piston Guide	3	Ø 36
24	1320360	O-Ring	3	Ø 47.35x1.78
25	3660310	Oil Seal	3	
26	3660010	Pump Body	1	
27	3660060	Solid Shaft	1	3 ID Stamp ▽ ○ ● ■
	3660100	Solid Shaft	1	1 ID Stamp □
28	3660320	Key	1	
29	3660290	Bearing	2	
30	3660040	Side Cover	1	Drive Side
31	3660300	Shaft Oil Seal	1	
32	180030	Bolt	12	M8x20 (221 in/lbs)
33	3660030	Rear Cover	1	
34	740290	O-Ring	1	Ø 14x1.78
35	2282280	Plug	1	w/Magnet (221 in/lbs)
36	780330	Bolt	8	TCEI M6x20 (88 in/lbs)

Valve Kit 42835	
Pos.	Qty
4	3
12	3

Piston Kit 42836 (Ø20) Kit 42837 (Ø25) Kit 42838 (Ø30) Kit 42839 (Ø36)	
Pos.	Qty
51	3

Water Seal Kit 42841 (Ø20) Kit 42842 (Ø25)	
Pos.	Qty
20	3
21	3
24	3

Water Seal Kit 42843 (Ø30) Kit 42844 (Ø36)	
Pos.	Qty
15	3
16	3
17	3
19	3
22	3
24	3

Oil Seal Kit 42840	
Pos.	Qty
25	3
31	1
37	1
42	2

Piston Guide Kit 42851 (Ø20) Kit 42852 (Ø25) Kit 42853 (Ø30) Kit 42854 (Ø36)	
Pos.	Qty
18	3
23	3

Pos	Code	Description	Qty	Note
37	3660360	O-Ring	1	Ø 183.82x2.62
38	3660330	Ring	6	
39	3660090	Connecting Rod Pin	3	
40	3660070	Connecting Rod	3	(195 in/lbs)
41	3660740	O-Ring	2	Ø 83x3
42	1941290	Retainer Ring	1	
43	1941260	Sight Glass Diffuser	1	
44	1941270	Oil Sight Glass	1	
45	100410	O-Ring	1	Ø 34.6x2.62
46	3660260	Shim	1	0.05 mm
	3660270	Shim	1	0.10 mm
47	3660280	Shim	1	0.19 mm
	3660050	Side Cover	1	w/Sight Glass
48	3660350	Oil Cap (Vented Dipstick)	1	
49	3660081	Piston Rod	3	
50	3660180	Washer	2	(Slinger)
51	3660160	Piston	3	Ø 20
	3660150	Piston	3	Ø 25
	3660140	Piston	3	Ø 30
	3660130	Piston	3	Ø 36
52	3660340	O-Ring	3	Ø 12x2
53	3660170	Piston Bolt	3	(177 in/lbs)
54	3669205	Complete Head	1	Ø 20 ▽
	3669202	Complete Head	1	Ø 25 ○
	3669201	Complete Head	1	Ø 30 ● □
	3669200	Complete Head	1	Ø 36 ■
55	770130	O-Ring	6	Ø 20.35x1.78
56	2821330	Backup Ring	6	Ø 24.1x22x1.2
57	3660770	Flange	1	
58	4181210	Plug	1	
59	1381850	Washer	6	
60	680350	Bolt	6	TCEI M8x35 (221.27 in/lbs)
61	3669007	Coupling	1	
62	3660780	Coupling	1	
63	3660810	Ring	1	
64	3661550	Coupling	1	
65	1380180	Set Screw	1	M6x10
66	45222	Motor	1	
67	2380060	Screw	2	TCEI M14x35
68	3660850	Washer	2	
Pump Oil Part Number: AR645107 (SAE30) (1.07 gal) Pump Oil Capacity 76 oz, QTY 1 Pumps are Prefilled with Oil from the Factory. Change oil every 3-5 months or every 500 hours of operation. H = Nickel Plated Tightening torque (Tolerance + 0 ÷ -10%)				

OPTIONAL PARTS/KITS				
Pos	Code	Description	Qty	Note
	43555	Hot Water Kit	1	Ø 30
	43556	Hot Water Kit	1	Ø 36
	U-Bracket/RTX/Kit	Rail Kit 3"	1	2 Rails & 4 Bolts
	43443	Oil Seal Kit for Hyd Motor	1	

LEGEND			
Symbol	Material	Description	
▽	-	RTX30	Ø 20
○	-	RTX50	Ø 25
●	-	RTX70	Ø 30
□	-	RTX85	Ø 30
■	-	RTX100	Ø 36

COUNTRY OF ORIGIN: ITALY
LAST UPDATED: JANUARY 2024