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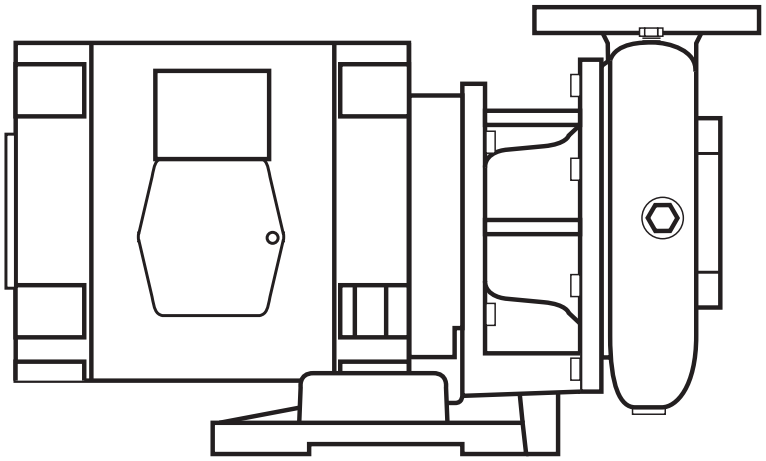

340A SERIES

REPAIR PARTS INDEX

NOTE! Read and understand the pump and motor instructions before attempting to install, disassemble or repair the pump.

Part # A-03-216 | © 2014 Pentair Ltd. | 03/18/14

AURORA® 340A SERIES REPAIR PARTS INDEX

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PUMP SIZE	PAGE
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Refer to Notes 1 and 2 for Models 341A and 342A Close Coupled Pumps.

NOTES:

1) Part numbers 9, 10, 11, 12, 25 and 27 are listed with a letter **(S)** or **(L)** indicating the small or large shaft used to build the 340A series pumps.

2) To determine when to use **(S)** or **(L)** parts, in addition to the pump size, it is also necessary to have the close coupled motor frame number for 341A and 342A pumps. Motor frame 215JM and smaller use **(S)** parts. Motor frame 254JM and larger use **(L)** parts.

3) For 344A power frame assignment, refer to chart at left.

4) Liquid end maintenance kits may be found on pages 8, 11, 14 and 17 of this manual or in the current repair part kits manual.

5) Casings and brackets for pumps manufactured prior to 4/76 are no longer available for models 341, 342 and 344. Both the current bracket and casing are required for these older pumps if a replacement is required.

6) Part numbers are shown for bronze fitted and all iron pumps. Standard fitted pumps are the same as bronze fitted except that the impeller only is cast iron rather than bronze.

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REPAIR PARTS INDEX

THIS CHART FOR USE WITH **MODEL 344A PUMPS ONLY** TO DETERMINE POWER FRAME SIZE BASED ON THE PUMP SIZE AND OPERATING SPEED.

PUMP SIZE	3500	1750	1150
1-1/4 x 1-1/2 x 7	1	1	-
1-1/4 x 1-1/2 x 9B	-	1	-
1-1/2 x 2 x 7	1	1	-
1-1/2 x 2 x 9A	-	1	-
1-1/2 x 2 x 9B	-	1	-
1-1/2 x 2 x 9C	2	1	-
1-1/2 x 2 x 11	3	2	2
1-1/2 x 2 x 12	-	2	2
2 x 2-1/2 x 7A	2	1	-
2 x 2-1/2 x 7B	1	1	-
2 x 2-1/2 x 9	3	1	-
2 x 2-1/2 x 12	-	2	2
2 x 3 x 11	-	2	2
2-1/2 x 3x 7A	1	1	-
2-1/2 x 3 x 7B	2	1	-
2-1/2 x 3 x 9	3	1	-
2-1/2 x 3 x 12	-	2	2
3 x 4 x 9A	3	1	-
3 x 4 x 9B	3	1	-
3 x 4 x 11	-	2	2
3 x 4 x 12	-	3	2
4 x 4 x 7A	2	1	-
4 x 4 x 7B	2	1	-
4 x 5 x 9A	3	2	-
4 x 5 x 9B	-	2	-
4 x 5 x 11	-	2	2
4 x 5 x 12	-	3	2
5 x 6 x 11	-	3	2
5 x 6 x 12	-	3	2
6 x6 x9	-	2	2
6 x 6 x 11	-	3	2
6 x 6 x 11A	-	3	2
6 x 6 x 12	-	3	3
6 x 6 x 12A	-	3	-

Power Frame #1 – use **(S)** parts.
Power Frame #2 – use **(L)** parts.
Power Frame #3 – use **(L)** parts.

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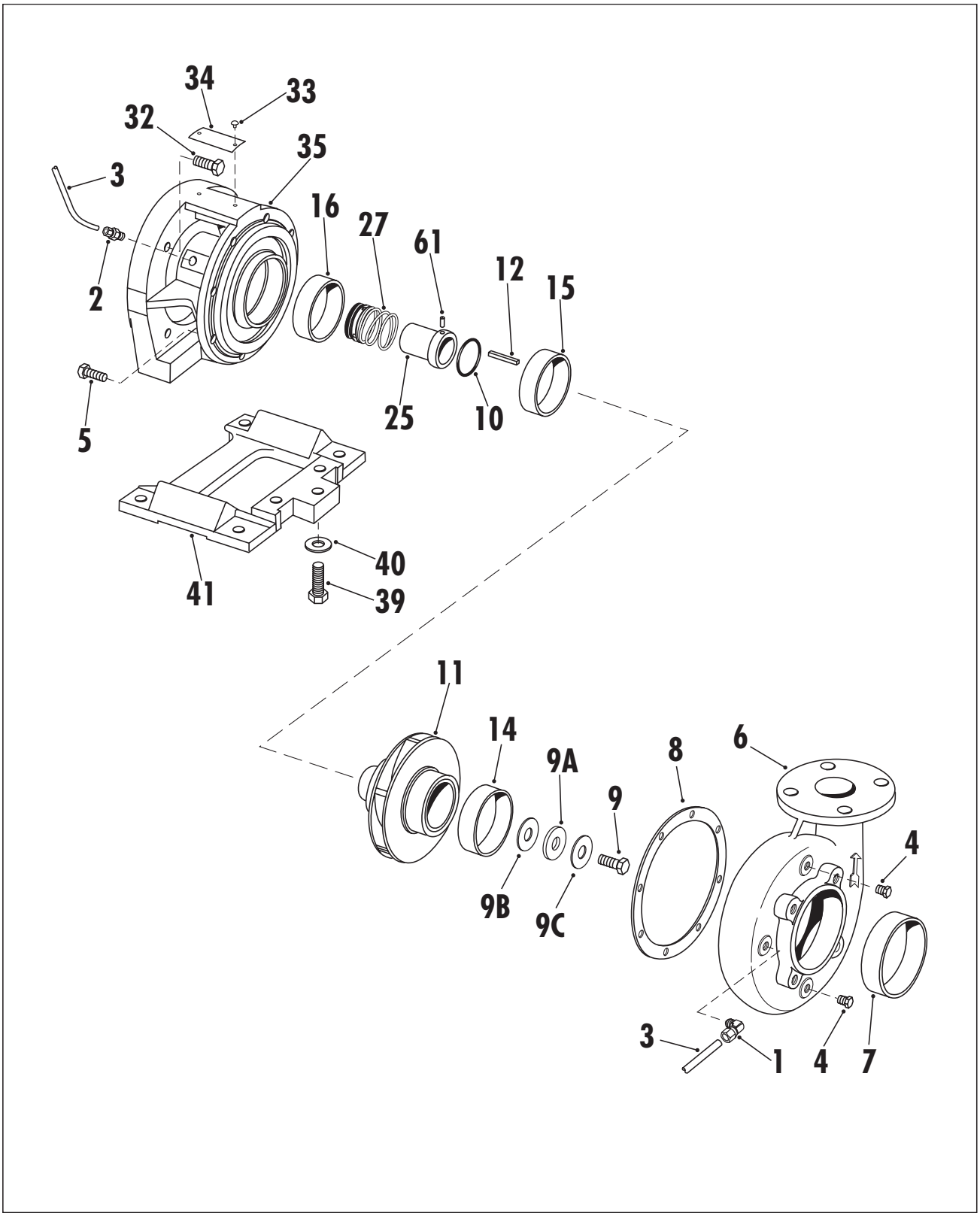
AURORA® 340A SERIES

MODEL 341A
PIECE NUMBERS



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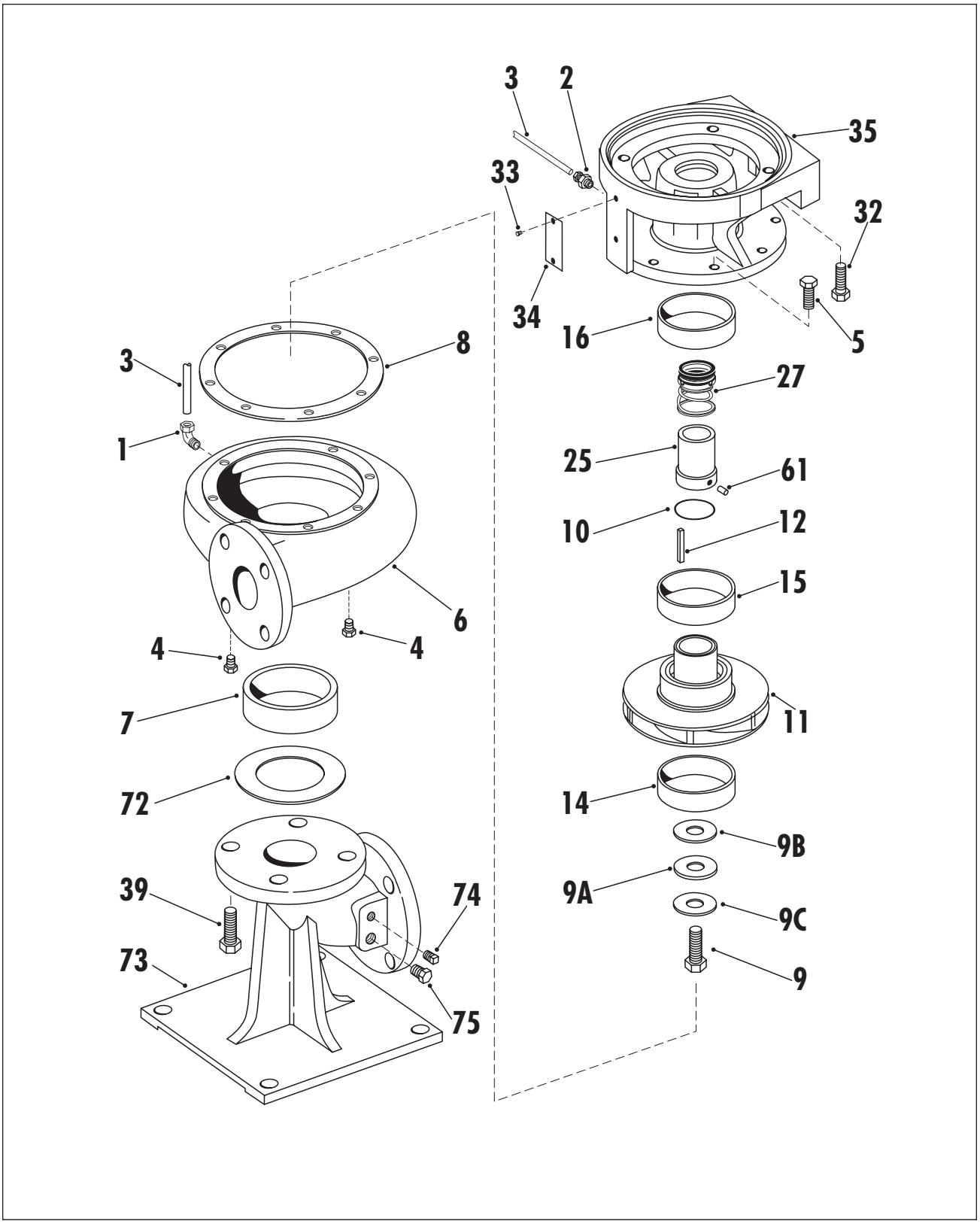
MODEL 342A
PIECE NUMBERS



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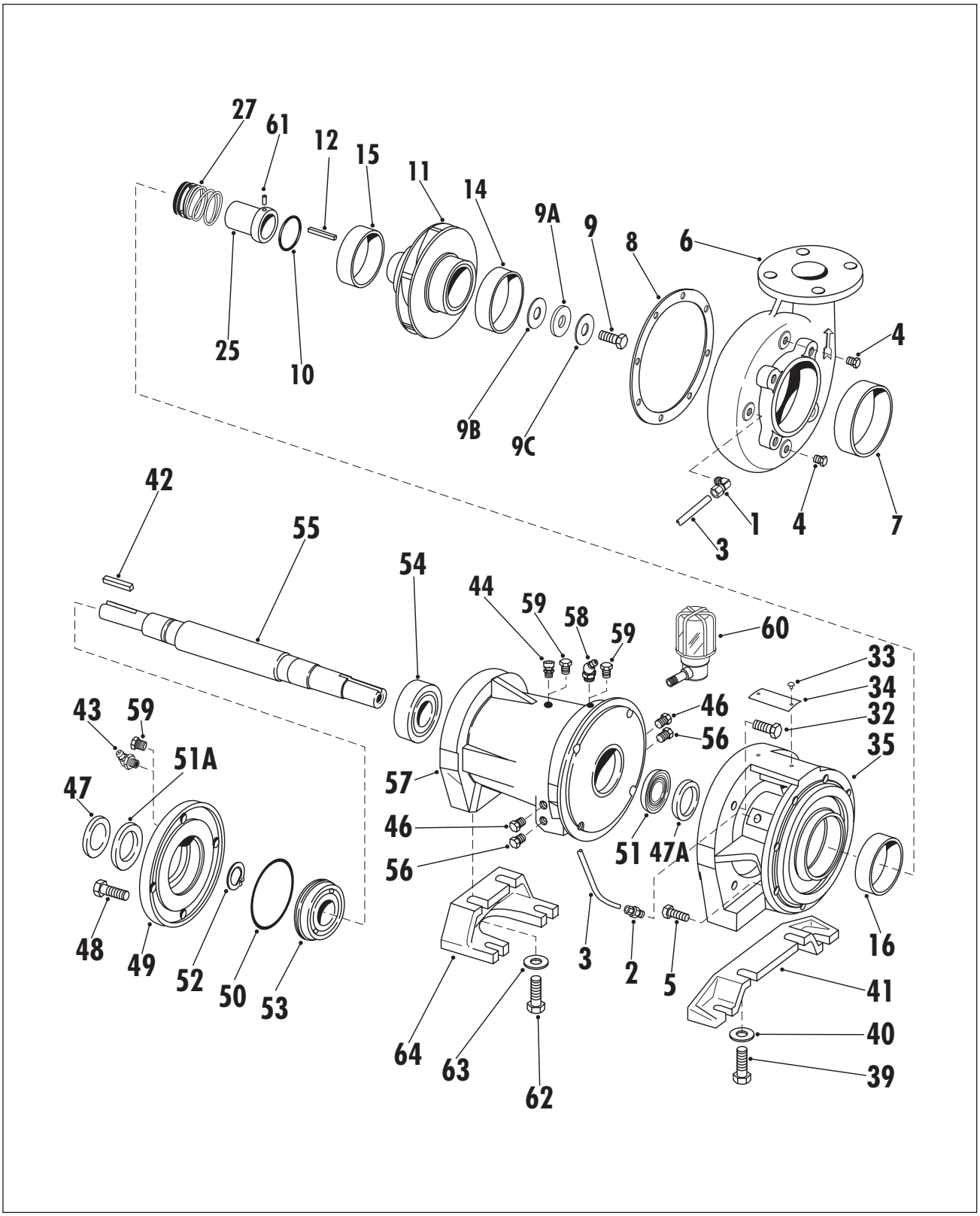
MODEL 344A
PIECE NUMBERS



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AURORA® 340A SERIES
MODELS 341A - 342A- 344A
1-1/4 x 1-1/2 x 7 – 4 x 4 x 7B

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
1	COMPRESSION ELBOW	1	868-3660	190		087	
2	COMPRESSION CONNECTOR	1	868-3359	190		087	
3	TUBING	1	872-0124	175		087	
4	PIPE PLUG	3	600-0002	087		087	
5	CAPSCREW	8	168-0381	082		082	
6	CASING						
	1-1/4 x 1-1/2 x 7	1	180-2138	010		010	
	1-1/2 x 2 x 7	1	180-2140	010		010	
	2 x 2-1/2 x 7A & B	1	180-2142	010		010	
	2-1/2 x 3 x 7A & B	1	180-2144	010		010	
	4 x 4 x 7A & B	1	180-2146	010		010	
	VERTICAL						
	1-1/4 x 1-1/2 x 7	1	180-2196	010		010	
	1-1/2 x 2 x 7	1	180-2197	010		010	
7	CASE RING						
	1-1/4 x 1-1/2 x 7	1	676-1150	208		010	
	1-1/2 x 2 x 7	1	676-1151	208		010	
	2 x 2-1/2 x 7A & B	1	676-1152	208		010	
	2-1/2 x 3 x 7A & B	1	676-1152	208		010	
	4 x 4 x 7A & B	1	676-1154	208		010	
8	GASKET	1	364-1014	603		603	
9	CAPSCREW **(S)**	1	168-0382	113		113	
	(L)	1	168-0490	113		113	
9A	WASHER **(S)**	1	908-0603	087		087	
	(L)	1	908-0604	087		087	
9B	GASKET **(S)**	1	364-2034	603		603	
	(L)	1	364-2035	603		603	
9C	CAPSCREW **(S)**	1	908-1290	999		999	
	SEAL **(L)**	1	908-1292	999		999	
10	O-RING **(S)**	1	364-0409	457		457	
	(L)	1	364-0414	457		457	
11	IMPELLER **(S)**						
	1-1/4 x 1-1/2 x 7	1	443-0407	225		010	
	1-1/2 x 2 x 7	1	443-0409	225		010	
	2 x 2-1/2 x 7A	1	443-0411	225		010	
	2 x 2-1/2 x 7B	1	443-0415	225		010	
	2-1/2 x 3 x 7A	1	443-2034	225		010	
	2-1/2 x 3 x 7B	1	443-0417	225		010	
	4 x 4 x 7A	1	443-0425	225		010	
	4 x 4 x 7B	1	443-0423	225		010	
	IMPELLER **(L)**						
	2 x 2-1/2 x 7A	1	443-0413	225		010	
	2-1/2 x 3 x 7A	1	443-2035	225		010	
	2-1/2 x 3 x 7B	1	443-0419	225		010	
	4 x 4 x 7A	1	443-0427	225		010	
	4 x 4 x 7B	1	443-0472	225		010	
11A	IMPELLER **(S)***						
	1-1/4 x 1-1/2 x 7	1	443-0408	225		010	
	1-1/2 x 2 x 7	1	443-0410	225		010	
	2 x 2-1/2 x 7A	1	443-0412	225		010	
	2 x 2-1/2 x 7B	1	443-0416	225		010	
	2-1/2 x 3 x 7A	1	443-1775	225		010	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
11A	IMPELLER **(S)***						
	2-1/2 x 3 x 7B	1	443-0418	225		010	
	4 x 4 x 7A	1	443-0426	225		010	
	4 x 4 x 7B	1	443-0424	225		010	
11A	IMPELLER **(L)***						
	2 x 2-1/2 x 7A	1	443-0414	225		010	
	2-1/2 x 3 x 7A	1	443-1776	225		010	
	2-1/2 x 3 x 7B	1	443-0420	225		010	
	4 x 4 x 7A	1	443-0428	225		010	
	4 x 4 x 7B	1	443-0471	225		010	
12	IMPELLER KEY **(S)**	1	472-0201	087		087	
	(L)	1	472-0247	087		087	
14	IMPELLER RING (OPTIONAL)						
	1-1/4 x 1-1/2 x 7	1	676-1145	208		010	
	1-1/2 x 2 x 7	1	676-1146	208		010	
	2 x 2-1/2 x 7A	1	676-1133	208		010	
	2 x 2-1/2 x 7B	1	676-1133	208		010	
	2-1/2 x 3 x 7A	1	676-1133	208		010	
	2-1/2 x 3 x 7B	1	676-1133	208		010	
	4 x 4 x 7A	1	676-1140	208		010	
	4 x 4 x 7B	1	676-1140	208		010	
15	IMPELLER RING (OPTIONAL)						
	2 x 2-1/2 x 7A	1	676-1133	208		010	
	2 x 2-1/2 x 7B	1	676-1133	208		010	
	2-1/2 x 3 x 7A	1	676-1133	208		010	
	2-1/2 x 3 x 7B	1	676-1133	208		010	
	4 x 4 x 7A	1	676-1133	208		010	
	4 x 4 x 7B	1	676-1133	208		010	
16	RING (NOT REQUIRED)						
25	SLEEVE **(S)**	1	756-0077	208		104	
	(L)	1	756-0078	208		104	
27	SEAL **(S)**	1	712-0907	753		753	
	(L)	1	712-0910	753		753	
32	CAPSCREW MTR. FR.						
	143JM – 184JM	4	168-0386	082		082	
	213JM – 256JM	4	168-0490	082		082	
33	U DRIVE SCREW	2	708-0013	365		365	
34	NAMEPLATE	1	532-0045	114		114	
35	BRACKET (341A)						
	143JM – 184JM	1	116-0192	010		010	
	213JM – 215JM	1	116-0194	010		010	
	254JM – 256JM	1	116-0197	010		010	
	284JM – 326JM	1	116-0476	010		010	
	BRACKET (342A)						
	143JM – 184JM	1	116-0192	010		010	
	213JM – 215JM	1	116-0194	010		010	
	254JM – 256JM	1	116-0197	010		010	

*MACHINED FOR OPTIONAL RING NUMBERS 14 & 15

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AURORA® 340A SERIES
MODELS 341A - 342A- 344A
1-1/4 x 1-1/2 x 7 – 4 x 4 x 7B

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
35	BRACKET (342A)						
	284JM - 326JM	1	116-0476	010		010	
	BRACKET (344A)						
	POWER FRAME #1	1	116-0192	010		010	
	POWER FRAME #2	1	116-0197	010		010	
39	CAPSCREW (341A)						
	143JM – 184JM	3	168-0488	082		082	
	213JM – 256JM	NOT REQUIRED					
	CAPSCREW (342A)						
	1-1/4 x 1-1/2 x 7	4	168-0490	082		082	
	1-1/2 x 2 x 7	4	168-0560	082		082	
	2 x 2-1/2 x 7A & B	4	168-0562	082		082	
	2-1/2 x 3 X 7A & B	4	168-0562	082		082	
	4 x 4 x 7A & B	4	168-0564	082		082	
	CAPSCREW (344A)						
	POWER FRAME #1	3	168-0488	082		082	
	POWER FRAME #2	2	168-0490	082		082	
40	WASHER (341A)						
	143JM – 184JM	3	908-0114	080		080	
	213JM – 256JM	NOT REQUIRED					
	WASHER (342A)	NOT REQUIRED					
	WASHER (344A)						
	POWER FRAME #1	3	908-0114	080		080	
	POWER FRAME #2	2	908-0114	080		080	
41	SUPPORT (341A)						
	143JM – 184JM	1	820-0184	010		010	
	213JM – 256JM	NOT REQUIRED					
	SUPPORT (344A)						
	POWER FRAME #1	1	820-1441	087		087	
	POWER FRAME #2	1	820-0186	010		010	
42	DRIVE KEY (344A)						
	POWER FRAME #1	1	472-0206	087		087	
	POWER FRAME #2	1	472-0247	087		087	
43	GREASE FITTING						
	POWER FRAME #1 & #2	1	508-0005	651		651	
44	VENT TUBE						
	POWER FRAME #1 & #2	1	864-0051	656		656	
46	PROTECTOR						
	POWER FRAME #1 & #2	1	624-0010	503		503	
47	SLINGER						
	POWER FRAME #1	1	764-1015	478		478	
	POWER FRAME #2	1	764-1021	478		478	
47A	SLINGER						
	POWER FRAME #1	1	764-1015	478		478	
	POWER FRAME #2	1	764-1021	478		478	
48	CAPSCREW						
	POWER FRAME #1	4	168-0388	082		082	
	POWER FRAME #2	4	168-0492	082		082	
49	BEARING CAP						
	POWER FRAME #1	1	164-0470	010		010	
	POWER FRAME #2	1	164-0471	010		010	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
50	O-RING						
	POWER FRAME #1	1	364-0423	457		457	
	POWER FRAME #2	1	364-0432	457		457	
51	SEAL, GREASE LUBE						
	POWER FRAME #1	1	712-0231	653		653	
	POWER FRAME #2	1	712-0233	653		653	
	SEAL, OIL LUBE						
	POWER FRAME #1	1	712-0016	653		653	
	POWER FRAME #2	1	712-0054	653		653	
51A	SEAL, GREASE LUBE						
	POWER FRAME #1	1	712-0231	653		653	
	POWER FRAME #2	1	712-0233	653		653	
	SEAL, OIL LUBE						
	POWER FRAME #1	1	712-0016	653		653	
	POWER FRAME #2	1	712-0054	653		653	
52	RET. RING						
	POWER FRAME #1	1	676-0929	088		088	
	POWER FRAME #1	1	676-0938	088		088	
53	O.B. BEARING						
	POWER FRAME #1						
	STANDARD OPEN	1	068-2206	647		647	
	SEALED PERM LUBE	1	068-2219	647		647	
	POWER FRAME #2						
	STANDARD OPEN	1	068-2308	647		647	
	SEALED PERM LUBE	1	068-2220	647		647	
54	I.B. BEARING						
	POWER FRAME #1						
	STANDARD OPEN	1	068-1907	647		647	
	SEALED PERM LUBE	1	068-0114	647		647	
	POWER FRAME #2						
	STANDARD OPEN	1	068-0159	647		647	
	SEALED PERM LUBE	1	068-2018	647		647	
55	SHAFT						
	POWER FRAME #1	1	728-0121	063		063	
	POWER FRAME #2	1	728-0122	063		063	
56	PROTECTOR						
	POWER FRAME #1 & #2	2	624-0010	503		503	
57	FRAME						
	GREASE						
	POWER FRAME #1	1	356-0201	010		010	
	OIL LUBE						
	POWER FRAME #1	1	356-0231	010		010	
	OIL LUBE						
	POWER FRAME #2	1	356-0232	010		010	
	GREASE						
	POWER FRAME #2	1	356-0202	010		010	
58	GREASE FITTING						
	POWER FRAME #1 & #2	1	508-0001	651		651	

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AURORA® 340A SERIES
MODELS 341A - 342A- 344A
1-1/4 x 1-1/2 x 7 – 4 x 4 x 7B

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
59	PIPE PLUG						
	POWER FRAME #1 & #2	2	600-0001	087		087	
60	OILER						
	POWER FRAME #1 & #2	1	552-0029	652		652	
61	PIN	INCLUDED WITH NO. 25					
62	CAPSCREW						
	POWER FRAME #1	1	168-0490	080		080	
	POWER FRAME #2	2	168-0490	080		080	
63	WASHER						
	POWER FRAME #1	1	908-0114	080		080	
	POWER FRAME #2	1	908-0114	080		080	
64	SUPPORT						
	POWER FRAME #1	1	820-0187	010		010	
	POWER FRAME #2	1	820-0188	010		010	
72	GASKET						
	1-1/4 x 1-1/2 x 7	1	364-0602	603		603	
	1-1/2 x 2 x 7	1	364-0603	603		603	
	2 x 2-1/2 x 7A & 7B	1	364-0604	603		603	
	2-1/2 x 3 x 7A & 7B	1	364-0605	603		603	
	4 x 4 x 7A & 7B	1	364-0607	603		603	
73	BASE						
	1-1/4 x 1-1/2 x 7	1	816-1102	010		010	
	1-1/2 x 2 x 7	1	816-1103	010		010	
	2 x 2-1/2 x 7A & B	1	816-1104	010		010	
	2-1/2 x 3 x 7A & B	1	816-1105	010		010	
	4 x 4 x 7A & B	1	816-1106	010		010	
74	PIPE PLUG	1	600-0002	087		087	
75	PIPE PLUG						
	1-1/4 x 1-1/2 x 7	1	600-0002	087		087	
	1-1/2 x 2 x 7	1	600-0003	087		087	
	2 x 2-1/2 x 7A & 7B	1	600-0003	087		087	
	2-1/2 x 3 x 7A & 7B	1	600-0004	028		028	
	4 x 4 x 7A & 7B	1	600-0004	028		028	
	(NOT SHOWN)						
	SEAL KIT **(S)**	1	476-0250	644			
	(INCLUDES PIECE NO'S 8, 9, 9A, 9B, 9C, 10, 12, 25, 27)						
	SEAL KIT **(L)**	1	476-0253	644			

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AURORA® 340A SERIES
MODELS 341A - 342A - 344A
1-1/4 x 1-1/2 x 9B – 6 x 6 x 9

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
1	COMPRESSION ELBOW	1	868-3660	190		087	
2	COMPRESSION CONNECTOR	1	868-3359	190		087	
3	TUBING	1	872-0124	175		087	
4	PIPE PLUG	3	600-0002	087		087	
5	CAPSCREW	8	168-0487	082		082	
6	CASING						
	1-1/4 x 1-1/2 x 9B	1	180-2148	010		010	
	1-1/2 x 2 x 9A	1	180-2149	010		010	
	1-1/2 x 2 x 9B	1	180-2149	010		010	
	1-1/2 x 2 x 9C	1	180-2151	010		010	
	2 x 2-1/2 x 9	1	180-2152	010		010	
	2-1/2 x 3 x 9	1	180-2153	010		010	
	3 x 4 x 9A	1	180-2351	010		010	
	3 x 4 x 9B	1	180-2351	010		010	
	4 x 5 x 9A	1	180-2156	010		010	
	4 x 5 x 9B	1	180-2157	010		010	
	6 x 6 x 9	1	180-2159	010		010	
	VERTICAL						
	1-1/4 x 1-1/2 x 9B	1	180-2198	010		010	
	1-1/2 x 2 x 9A	1	180-2199	010		010	
	1-1/2 x 2 x 9B	1	180-2199	010		010	
	1-1/2 x 2 x 9C	1	180-2200	010		010	
7	CASE RING						
	1-1/4 x 1-1/2 x 9B	1	676-1150	208		010	
	1-1/2 x 2 x 9A	1	676-1151	208		010	
	1-1/2 x 2 x 9B	1	676-1151	208		010	
	1-1/2 x 2 x 9C	1	676-1151	208		010	
	2 x 2-1/2 x 9	1	676-1152	208		010	
	2-1/2 x 3 x 9	1	676-1152	208		010	
	3 x 4 x 9A	1	676-1154	208		010	
	3 x 4 x 9B	1	676-1154	208		010	
	4 x 5 x 9A	1	676-1154	208		010	
	4 x 5 x 9B	1	676-1155	208		010	
	6 x 6 x 9	1	676-1155	208		010	
8	GASKET	1	364-1015	603		603	
9	CAPSCREW **(S)**	1	168-0382	113		113	
	(L)	1	168-0490	113		113	
9A	WASHER **(S)**	1	908-0603	087		087	
	(L)	1	908-0604	087		087	
9B	GASKET **(S)**	1	364-2034	603		603	
	(L)	1	364-2035	603		603	
9C	CAPSCREW **(S)**	1	908-1290	999		999	
	SEAL **(L)**	1	908-1292	999		999	
10	O-RING **(S)**	**1**	364-0409	457		457	
	(L)	1	364-0414	457		457	
11	IMPELLER **(S)**						
	1-1/4 x 1-1/2 x 9B	1	443-0431	225		010	
	1-1/2 x 2 x 9A	1	443-0437	225		010	
	1-1/2 x 2 x 9B	1	443-0435	225		010	
	1-1/2 x 2 x 9C	1	443-0437	225		010	
	2 x 2-1/2 x 9	1	443-0441	225		010	
	2-1/2 x 3 x 9	1	443-0445	225		010	
11	IMPELLER **(S)**						
	3 x 4 x 9A	1	443-1766	225		010	
	3 x 4 x 9B	1	443-1762	225		010	
	4 x 5 x 9A	1	443-1777	225		010	
	4 x 5 x 9B	1	443-0457	225		010	
	6 x 6 x 9	1	443-0465	225		010	
11	IMPELLER **(L)**						
	1-1/2 x 2 x 9C	1	443-0439	225		010	
	2 x 2-1/2 x 9	1	443-0443	225		010	
	2-1/2 x 3 x 9	1	443-0447	225		010	
	3 x 4 x 9A	1	443-1768	225		010	
	3 x 4 x 9B	1	443-1764	225		010	
	4 x 5 x 9A	1	443-1752	225		010	
	4 x 5 x 9B	1	443-0459	225		010	
	6 x 6 x 9	1	443-0467	225		010	
11A	IMPELLER **(S)***						
	1-1/4 x 1-1/2 x 9B	1	443-0432	225		010	
	1-1/2 x 2 x 9A	1	443-0438	225		010	
	1-1/2 x 2 x 9B	1	443-0436	225		010	
	1-1/2 x 2 x 9C	1	443-0438	225		010	
	2 x 2-1/2 x 9	1	443-0442	225		010	
	2-1/2 x 3 x 9	1	443-0446	225		010	
	3 x 4 x 9A	1	443-1767	225		010	
	3 x 4 x 9B	1	443-1763	225		010	
	4 x 5 x 9A	1	443-1778	225		010	
	4 x 5 x 9B	1	443-0458	225		010	
	6 x 6 x 9	1	443-0466	225		010	
11A	IMPELLER **(L)***						
	1-1/2 x 2 x 9C	1	443-0440	225		010	
	2 x 2-1/2 x 9	1	443-0444	225		010	
	2-1/2 x 3 x 9	1	443-0448	225		010	
	3 x 4 x 9A	1	443-1769	225		010	
	3 x 4 x 9B	1	443-1765	225		010	
	4 x 5 x 9A	1	443-1753	225		010	
	4 x 5 x 9B	1	443-0460	225		010	
	6 x 6 x 9	1	443-0468	225		010	
12	IMPELLER KEY **(S)**	1	472-0201	087		087	
	(L)	1	472-0247	087		087	
14	IMPELLER RING (OPTIONAL)						
	1-1/4 x 1-1/2 x 9B	1	676-1145	208		010	
	1-1/2 x 2 x 9	1	676-1146	208		010	
	2 x 2-1/2 x 9	1	676-1133	208		010	
	2-1/2 x 3 x 9	1	676-1133	208		010	
	3 x 4 x 9A & B	1	676-1140	208		010	
	4 x 5 x 9A	1	676-1140	208		010	
	4 x 5 x 9B	1	676-1141	208		010	
	6 x 6 x 9	1	676-1141	208		010	

*MACHINED FOR OPTIONAL RING NUMBERS 14 & 15

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PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
15	IMPELLER RING (OPTIONAL)						
	2 x 2-1/2 x 9	1	676-1133	208		010	
	2-1/2 x 3 x 9	1	676-1133	208		010	
	3 x 4 x 9A	1	676-1156	208		010	
	3 x 4 x 9B	1	676-1156	208		010	
	4 x 5 x 9A	1	676-1156	208		010	
	4 x 5 x 9B	1	676-1156	208		010	
	6 x 6 x 9	1	676-1156	208		010	
16	RING						
	2 x 2-1/2 x 9	1	676-0003	010		010	
	2-1/2 x 3 x 9	1	676-0003	010		010	
25	SLEEVE **(S)**	1	756-0077	208		104	
	(L)	1	756-0078	208		104	
27	SEAL **(S)**	1	712-0907	753		753	
	(L)	1	712-0910	753		753	
32	CAPSCREW MTR. FR.						
	143JM – 184JM	4	168-0386	082		082	
	213JM – 256JM	4	168-0490	082		082	
33	U DRIVE SCREW	2	708-0013	365		365	
34	NAMEPLATE	1	532-0045	114		114	
35	BRACKET (341A)						
	143JM – 184JM	1	116-0193	010		010	
	213JM – 215JM	1	116-0195	010		010	
	254JM – 256JM	1	116-0198	010		010	
	284JM – 326JM	1	116-0477	010		010	
	BRACKET (342A)						
	143JM – 184JM	1	116-0193	010		010	
	213JM – 215JM	1	116-0195	010		010	
	254JM – 256JM	1	116-0198	010		010	
	284JM – 326JM	1	116-0477	010		010	
	BRACKET (344A)						
	POWER FRAME #1	1	116-0193	010		010	
	POWER FRAME #2 & #3	1	116-0198	010		010	
39	CAPSCREW (341A)						
	143JM – 184JM	3	168-0488	082		082	
	213JM – 256JM	NOT REQUIRED					
	CAPSCREW (342A)						
	1-1/4 x 1-1/2 x 9B	4	168-0490	082		082	
	1-1/2 x 2 x 9	4	168-0560	082		082	
	2 x 2-1/2 x 9	4	168-0562	082		082	
	2-1/2 x 3 x 9	4	168-0562	082		082	
	3 x 4 x 9	4	168-0564	082		082	
	4 x 5 x 9A & B	4	168-0564	082		082	
	6 x 6 x 9	4	168-0634	082		082	
	CAPSCREW (344A)						
	POWER FRAME #1	3	168-0488	082		082	
	POWER FRAME #2 & #3	2	168-0490	082		082	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
40	WASHER (341A)						
	143JM – 184JM	3	908-0114	080		080	
	213JM – 256JM	NOT REQUIRED					
	WASHER (342A)	NOT REQUIRED					
	WASHER (344A)						
	POWER FRAME #1	3	908-0114	080		080	
	POWER FRAME #2 & #3	2	908-0114	080		080	
41	SUPPORT (341A)						
	143JM – 184JM	1	820-0184	010		010	
	213JM – 256JM	NOT REQUIRED					
	SUPPORT (344A)						
	POWER FRAME #1	1	820-1441	087		087	
	POWER FRAME #2 & #3	1	820-0186	010		010	
42	DRIVE KEY (344A)						
	POWER FRAME #1	1	472-0206	087		087	
	POWER FRAME #2	1	472-0247	087		087	
43	GREASE FITTING						
	POWER FRAME #1, #2 & #3	1	508-0005	651		651	
44	VENT TUBE	1	864-0051	656		656	
46	PROTECTOR	2	624-0010	503		503	
47	SLINGER						
	POWER FRAME #1	1	764-1015	478		478	
	POWER FRAME #2 & #3	1	764-1021	478		478	
47A	SLINGER						
	POWER FRAME #1	1	764-1015	478		478	
	POWER FRAME #2	1	764-1021	478		478	
	POWER FRAME #3	1	764-1026	478		478	
48	CAPSCREW						
	POWER FRAME #1	4	168-0388	082		082	
	POWER FRAME #2 & #3	4	168-0492	082		082	
49	BEARING CAP						
	POWER FRAME #1	1	164-0470	010		010	
	POWER FRAME #2	1	164-0471	010		010	
	POWER FRAME #3	1	164-0472	010		010	
50	O-RING						
	POWER FRAME #1	1	364-0423	457		457	
	POWER FRAME #2	1	364-0432	457		457	
	POWER FRAME #3	1	364-0438	457		457	
51	SEAL						
	POWER FRAME #1	1	712-0231	653		653	
	POWER FRAME #2 & #3	1	712-0233	653		653	
	OIL LUBE						
	POWER FRAME #1	1	712-0016	653		653	
	POWER FRAME #2 & #3	1	712-0054	653		653	

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PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
51A	SEAL						
	POWER FRAME #1	1	712-0231	653		653	
	POWER FRAME #2	1	712-0233	653		653	
	POWER FRAME #3	1	712-0234	653		653	
	OIL LUBE						
	POWER FRAME #1	1	712-0016	653		653	
	POWER FRAME #2	1	712-0054	653		653	
	POWER FRAME #3	1	712-0056	653		653	
52	RET. RING						
	POWER FRAME #1	1	676-0929	088		088	
	POWER FRAME #2	1	676-0938	088		088	
	POWER FRAME #3	1	676-0944	088		088	
53	O.B. BEARING						
	POWER FRAME #1						
	STANDARD OPEN	1	068-2206	647		647	
	SEALED PERM LUBE	1	068-2219	647		647	
	POWER FRAME #2						
	STANDARD OPEN	1	068-2308	647		647	
	SEALED PERM LUBE	1	068-2220	647		647	
	POWER FRAME #3						
	STANDARD OPEN	1	068-2310	647		647	
	SEALED PERM LUBE	1	068-2221	647		647	
54	I.B. BEARING						
	POWER FRAME #1						
	STANDARD OPEN	1	068-1907	647		647	
	SEALED PERM LUBE	1	068-0114	647		647	
	POWER FRAME #2						
	STANDARD OPEN	1	068-0159	647		647	
	SEALED PERM LUBE	1	068-2018	647		647	
	POWER FRAME #3						
	STANDARD OPEN	1	068-0161	647		647	
	SEALED PERM LUBE	1	068-2022	647		647	
55	SHAFT						
	POWER FRAME #1	1	728-0121	063		063	
	POWER FRAME #2	1	728-0122	063		063	
	POWER FRAME #3	1	728-0123	063		063	
56	PROTECTOR						
	POWER FRAME #1, #2 & #3	2	624-0010	503		503	
57	FRAME						
	OIL LUBE						
	POWER FRAME #1	1	356-0231	010		010	
	POWER FRAME #2	1	356-0232	010		010	
	POWER FRAME #3	1	356-0233	010		010	
	GREASE						
	POWER FRAME #1	1	356-0201	010		010	
	POWER FRAME #2	1	356-0202	010		010	
	POWER FRAME #3	1	356-0203	010		010	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
58	GREASE FITTING						
	POWER FRAME #1, #2 & #3	1	508-0001	651		651	
59	PIPE PLUG						
	POWER FRAME #1, #2 & #3	2	600-0001	087		087	
60	OILER						
	POWER FRAME #1, #2 & #3	1	552-0029	652		652	
61	PIN	INCLUDED WITH NO. 25					
62	CAPSCREW						
	POWER FRAME #1	1	168-0490	082		082	
	POWER FRAME #2 & #3	2	168-0490	082		082	
63	WASHER						
	POWER FRAME #1	1	908-0114	080		080	
	POWER FRAME #2 & #3	1	908-0114	080		080	
64	SUPPORT						
	POWER FRAME #1	1	820-0121	010		010	
	POWER FRAME #2 & #3	1	820-0189	010		010	
72	GASKET						
	1-1/4 x 1-1/2 x 9B	1	364-0602	603		603	
	1-1/2 x 2 x 9A, B & C	1	364-0603	603		603	
	2 x 2-1/2 x 9	1	364-0604	603		603	
	2-1/2 x 3 x 9	1	364-0605	603		603	
	3 x 4 x 9A & B	1	364-0607	603		603	
	4 x 5 x 9A & B	1	364-0608	603		603	
	6 x 6 x 9	1	364-0609	603		603	
73	BASE						
	1-1/4 x 1-1/2 x 9B	1	816-1102	010		010	
	1-1/2 x 2 x 9A, B & C	1	816-1103	010		010	
	2 x 2-1/2 x 9	1	816-1104	010		010	
	2-1/2 x 3 x 9	1	816-1105	010		010	
	3 x 4 x 9A & B	1	816-1106	010		010	
	4 x 5 x 9A & B	1	816-1107	010		010	
	6 x 6 x 9	1	816-1108	010		010	
74	PIPE PLUG	1	600-0002	087		087	
75	PIPE PLUG						
	1-1/4 x 1-1/2 x 9B	1	600-0002	087		087	
	1-1/2 x 2 x 9A, B & C	1	600-0003	087		087	
	2 x 2-1/2 x 9	1	600-0003	087		087	
	2-1/2 x 3 x 9	1	600-0004	028		028	
	3 x 4 x 9A & B	1	600-0004	028		028	
	4 x 5 x 9A & B	1	600-0022	028		028	
	6 x 6 x 9	1	600-0022	028		028	
	(NOT SHOWN)						
	SEAL KIT **(S)**	1	476-0250	644			
	(INCLUDES PIECE NO'S 8, 9, 9A, 9B, 9C, 10, 12, 25, 27)						
	SEAL KIT **(L)**	1	476-0253	644			

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PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
1	COMPRESSION ELBOW	1	868-3660	190		087	
2	COMPRESSION CONNECTOR	1	868-3359	190		087	
3	TUBING	1	872-0124	175		087	
4	PIPE PLUG	3	600-0002	087		087	
5	CAPSCREW	8	168-0490	082		082	
6	CASING						
	1-1/2 x 2 x 11	1	180-2353	010		010	
	2 x 3 x 11	1	180-2354	010		010	
	3 x 4 x 11	1	180-2371	010		010	
	4 x 5 x 11	1	180-2356	010		010	
	5 x 6 x 11	1	180-2357	010		010	
	6 x 6 x 11	1	180-2172	010		010	
	6 x 6 x 11A	1	180-2363	010		010	
	VERTICAL						
	1-1/2 x 2 x 11	1	180-2457	010		010	
7	CASE RING						
	1-1/2 x 2 x 11	1	676-1151	208		010	
	2 x 3 x 11	1	676-1152	208		010	
	3 x 4 x 11	1	676-1154	208		010	
	4 x 5 x 11	1	676-1155	208		010	
	5 x 6 x 11	1	676-1684	208		010	
	6 x 6 x 11	1	676-1684	208		010	
	6 x 6 x 11A	1	676-1684	208		010	
8	GASKET	1	364-2109	603		603	
	6 x 6 x 11 & 11A ONLY	1	364-1016	603		603	
9	CAPSCREW **(S)**	1	168-0382	113		113	
	(L)	1	168-0490	113		113	
9A	WASHER **(S)**	1	908-0603	087		087	
	(L)	1	908-0604	087		087	
9B	GASKET **(S)**	1	364-2034	603		603	
	(L)	1	364-2035	603		603	
9C	CAPSCREW **(S)**	1	908-1290	999		999	
	SEAL **(L)**	1	908-1292	999		999	
10	O-RING **(S)**	1	364-0409	457		457	
	(L)	1	364-0414	457		457	
11	IMPELLER **(S)**						
	1-1/2 x 2 x 11	1	443-2511	225		010	
	2 x 3 x 11	1	443-2387	225		010	
	3 x 4 x 11	1	443-2388	225		010	
	4 x 5 x 11	1	443-2389	225		010	
	5 x 6 x 11	1	443-2390	225		010	
	6 x 6 x 11	1	443-2390	225		010	
	6 x 6 x 11A	1	443-2390	225		010	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
11	IMPELLER **(L)**						
	1-1/2 x 2 x 11	1	443-2513	225		010	
	2 x 3 x 11	1	443-2399	225		010	
	3 x 4 x 11	1	443-2400	225		010	
	4 x 5 x 11	1	443-2401	225		010	
	5 x 6 x 11	1	443-2402	225		010	
	6 x 6 x 11	1	443-2402	225		010	
	6 x 6 x 11A	1	443-2402	225		010	
11A	IMPELLER **(S)***						
	1-1/2 x 2 x 11	1	443-2512	225		010	
	2 x 3 x11	1	443-2423	225		010	
	3 x 4 x 11	1	443-2424	225		010	
	4 x 5 x 11	1	443-2425	225		010	
	5 x 11	1	443-2426	225		010	
	6 x 11	1	443-2426	225		010	
	6 x 11A	1	443-2426	225		010	
11A	IMPELLER **(L)***						
	1-1/2 x 2 x 11	1	443-2514	225		010	
	2 x 3 x11	1	443-2427	225		010	
	3 x 4 x 11	1	443-2428	225		010	
	4 x 5 x 11	1	443-2429	225		010	
	5 x 11	1	443-2430	225		010	
	6 x 11	1	443-2430	225		010	
	6 x 11A	1	443-2430	225		010	
12	IMPELLER KEY **(S)**	1	472-0201	087		087	
	IMPELLER KEY **(L)**	1	472-0247	087		087	
14	IMPELLER RING (OPTIONAL)						
	1-1/2 x 2 x 11	1	676-1146	208		010	
	2 x 3 x 11	1	676-1133	208		010	
	3 x 4 x 11	1	676-1140	208		010	
	4 x 5 x 11	1	676-1141	208		010	
	5 x 6 x 11	1	676-1143	208		010	
	6 x 6 x 11	1	676-1143	208		010	
	6 x 6 x 11A	1	676-1143	208		010	
15	IMPELLER RING (OPTIONAL)						
	2 x 3 x 11	1	676-1133	208		010	
	3 x 4 x 11	1	676-1156	208		010	
	4 x 5 x 11	1	676-1156	208		010	
	5 x 6 x 11	1	676-1156	208		010	
	6 x 6 x 11	1	676-1156	208		010	
	6 x 6 x 11A	1	676-1156	208		010	
16	RING 2 x 3 x 11	1	676-0003	010		010	

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PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
25	SLEEVE (S)	1	756-0077	208		104	
	(L)	1	756-0078	208		104	
27	SEAL (S)	1	712-0907	753		753	
	(L)	1	712-0910	753		753	
32	CAPSCREW MTR. FR.						
	213JM – 215JM	4	168-0490	082		082	
	254JM – 256JM	4	168-0490	082		082	
	284JM – 326JM	4	168-0562	082		082	
33	U DRIVE SCREW	2	708-0013	365		365	
34	NAMEPLATE	1	532-0045	114		114	
35	BRACKET (341A) EXCEPT 6 x 6 x11 AND 6 x 6 x 11A						
	213JM – 215JM	1	116-0465	010		010	
	254JM – 256JM	1	116-0466	010		010	
	284JM – 326JM	1	116-0467	010		010	
	BRACKET (342A) EXCEPT 6 x 6 x 11 AND 6 x 6 x 11A						
	213JM – 215JM	1	116-0465	010		010	
	254JM – 256JM	1	116-0466	010		010	
	284JM – 326JM	1	116-0467	010		010	
	BRACKET (344A) EXCEPT 6 x 6 x 11 AND 6 x 6 x 11A						
	POWER FRAME #2 & #3	1	116-0466	010		010	
35	BRACKET (341A) 6 x 6 x 11 AND 6 x 6 x 11A ONLY						
	213JM – 215JM	1	116-0196	010		010	
	254JM – 256JM	1	116-0199	010		010	
	BRACKET (342A) 6 x 6 x 11 AND 6 x 6 x 11A ONLY						
	213JM – 215JM	1	116-0196	010		010	
	254JM – 256JM	1	116-0199	010		010	
	284JM – 326JM	1	116-0088	010		010	
	BRACKET (344A) 6 x 6 x 11 AND 6 x 6 x 11A ONLY						
	POWER FRAME #2 & #3	1	116-0199	010		010	
39	CAPSCREW (341A)						
	CAPSCREW (342A)						
	1-1/2 x 2 x 11	4	168-0560	082		082	
	2 x 3 x 11	4	168-0562	082		082	
	3 x 4 x 11	8	168-0564	082		082	
	4 x 5 x 11	8	168-0634	082		082	
	5 x 6 x 11	8	168-0634	082		082	
	6 x 6 x 11	8	168-0634	082		082	
	6 x 6 x 11A	8	168-0634	082		082	
	CAPSCREW (344A)						
	POWER FRAME #2 & #3	2	168-0490	082		082	
40	WASHER (341A)	NOT REQUIRED					
	WASHER (342A)	NOT REQUIRED					
	WASHER (344A)						
	POWER FRAME #2 & #3	2	908-0114	080		080	
41	SUPPORT (341)	NOT REQUIRED					
	SUPPORT (342)	NOT REQUIRED					
	SUPPORT (344)						
	POWER FRAME #2 & #3	1	820-0186	010		010	
42	DRIVE KEY (344)						
	POWER FRAME #2 & #3	1	472-0247	087		087	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
43	GREASE FITTING						
	POWER FRAME #2 & #3	1	508-0005	651		651	
47	SLINGER						
	POWER FRAME #2 & #3	1	764-1021	478		478	
47A	SLINGER						
	POWER FRAME #2	1	764-1021	478		478	
	POWER FRAME #3	1	764-1026	478		478	
48	CAPSCREW						
	POWER FRAME #2 & #3	4	168-0492	082		082	
49	BEARING CAP						
	POWER FRAME #2	1	164-0471	010		010	
	POWER FRAME #3	1	164-0472	010		010	
50	O-RING						
	POWER FRAME #2	1	364-0432	457		457	
	POWER FRAME #3	1	364-0438	457		457	
51	SEAL						
	POWER FRAME #2 & #3	1	712-0233	653		653	
	OIL LUBE						
	POWER FRAME #2 & #3	1	712-0054	653		653	
51A	SEAL						
	POWER FRAME #2	1	712-0233	653		653	
	POWER FRAME #3	1	712-0234	653		653	
	OIL LUBE						
	POWER FRAME #2	1	712-0054	653		653	
	POWER FRAME #3	1	712-0056	653		653	
52	RETAINING RING						
	POWER FRAME #2	1	676-0938	088		088	
	POWER FRAME #3	1	676-0944	088		088	
53	O.B. BEARING						
	POWER FRAME #2						
	STANDARD OPEN	1	068-2308	647		647	
	SEALED PERM LUBE	1	068-2220	647		647	
	POWER FRAME #3						
	STANDARD OPEN	1	068-2310	647		647	
	SEALED PERM LUBE	1	068-2221	647		647	
54	I.B. BEARING						
	POWER FRAME #2						
	STANDARD OPEN	1	068-0159	647		647	
	SEALED PERM LUBE	1	068-2018	647		647	
	POWER FRAME #3						
	STANDARD OPEN	1	068-0161	647		647	
	SEALED PERM LUBE	1	068-2022	647		647	
55	SHAFT						
	POWER FRAME #2	1	728-0122	063		063	
	POWER FRAME #3	1	728-0123	063		063	

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AURORA® 340A SERIES
MODELS 341A - 342A - 344A
1-1/2 x 2 x 11 – 6 x 6 x 11A

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
57	FRAME						
	OIL LUBE						
	POWER FRAME #2	1	356-0232	010		010	
	GREASE						
	POWER FRAME #2	1	356-0202	010		010	
	OIL LUBE						
	POWER FRAME #3	1	356-0233	010		010	
	GREASE						
	POWER FRAME #3	1	356-0203	010		010	
58	GREASE FITTING						
	POWER FRAME #2 & #3	1	508-0001	651		651	
60	OILER						
	POWER FRAME #2 & #3	1	552-0029	652		652	
61	PIN	INCLUDED WITH NO. 25					
62	CAPSCREW						
	POWER FRAME #2 & #3	2	168-0490	082		082	
63	WASHER						
	POWER FRAME #2 & #3	1	908-0114	080		080	
64	SUPPORT						
	POWER FRAME #2 & #3	1	820-0189	010		010	
72	GASKET (342A)						
	1-1/2 x 3 x 11	1	364-0603	603		603	
	2 x 3 x 11	1	364-0605	603		603	
	3 x 4 x 11	1	364-0607	603		603	
	4 x 5 x 11	1	364-0608	603		603	
	5 x 6 x 11	1	364-0609	603		603	
	6 x 6 x 11	1	364-0609	603		603	
	6 x 6 x 11A	1	364-0609	603		603	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
73	BASE (342A)						
	1-1/2 x 3 x 11	1	816-1103	010		010	
	2 x 3 x 11	1	816-1105	010		010	
	3 x 4 x 11	1	816-1106	010		010	
	4 x 5 x 11	1	816-1107	010		010	
	5 x 6 x 11	1	816-1108	010		010	
	6 x 6 x 11	1	816-1108	010		010	
	6 x 6 x 11A	1	816-1108	010		010	
74	PIPE PLUG (342A)	1	600-0002	087		087	
75	PIPE PLUG (342A)						
	1-1/2 x 3 x 11	1	600-0003	087		087	
	2 x 3 x 11	1	600-0004	087		087	
	3 x 4 x 11	1	600-0004	087		087	
	4 x 5 x 11	1	600-0005	087		087	
	5 x 6 x 11	1	600-0005	028		028	
	6 x 6 x 11	1	600-0005	028		028	
	6 x 6 x 11A	1	600-0005	028		028	
	(NOT SHOWN)						
	SEAL KIT **(S)**	1	476-0250	644			
	(INCLUDES PIECE NO'S 8, 9, 9A, 9B, 9C, 10, 12, 25, 27)						
	SEAL KIT **(L)**	1	476-0253	644			

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AURORA® 340A SERIES
MODELS 341A- 342A- 344A
1-1/2 x 2 x 12 – 6 x 6 x 12A

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
1	COMPRESSION ELBOW	1	868-3660	190		087	
2	COMPRESSION CONNECTOR	1	868-3359	190		087	
3	TUBING	1	872-0124	175		087	
4	PIPE PLUG	3	600-0002	087		087	
5	CAPSCREW	8	168-0489	082		082	
6	CASING						
	1-1/2 x 2 x 12	1	180-2161	010		010	
	2 x 2-1/2 x 12	1	180-2163	010		010	
	2-1/2 x 3 x 12	1	180-2164	010		010	
	3 x 4 x 12	1	180-2166	010		010	
	4 x 5 x 12	1	180-2168	010		010	
	5 x 6 x 12	1	180-2170	010		010	
	6 x 6 x 12	1	180-2172	010		010	
	6 x 6 x 12A	1	180-2363	010		010	
	VERTICAL						
	1-1/2 x 2 x 12	1	180-2201	010		010	
7	CASE RING						
	1-1/2 x 2 x 12	1	676-1151	208		010	
	2 x 2-1/2 x 12	1	676-1152	208		010	
	2-1/2 x 3 x 12	1	676-1152	208		010	
	3 x 4 x 12	1	676-1154	208		010	
	4 x 5 x 12	1	676-1155	208		010	
	5 x 6 x 12	1	676-1684	208		010	
	6 x 6 x 12	1	676-1684	208		010	
	6 x 6 x 12A	1	676-1684	208		010	
8	GASKET	1	364-1016	603		603	
9	CAPSCREW **(S)**	1	168-0382	113		113	
	(L)	1	168-0490	113		113	
9A	WASHER **(S)**	1	908-0603	087		087	
	(L)	1	908-0604	087		087	
9B	GASKET **(S)**	1	364-2034	603		603	
	(L)	1	364-2035	603		603	
9C	CAPSCREW **(S)**	1	908-1290	999		999	
	SEAL **(L)**	1	908-1292	999		999	
10	O-RING **(S)**	1	364-0409	457		457	
	(L)	1	364-0414	457		457	
11	IMPELLER **(S)**	341& 342A ONLY					
	1-1/2 x 2 x 12	1	443-1734	225		010	
	2 x 2-1/2 x 12	1	443-1735	225		010	
	2-1/2 x 3 x 12	1	443-1736	225		010	
	3 x 4 x 12	1	443-1737	225		010	
11	IMPELLER **(L)**						
	1-1/2 x 2 x 12	1	443-1725	225		010	
	2 x 2-1/2 x 12	1	443-1726	225		010	
	2-1/2 x 3 x 12	1	443-1727	225		010	
	3 x 4 x 12	1	443-1728	225		010	
	4 x 5 x 12	1	443-1729	225		010	
	5 x 6 x 12	1	443-1730	225		010	
	6 x 6 x 12	1	443-1732	225		010	
	6 x 6 x 12A	1	443-1732	225		010	
11A	IMPELLER **(S)***	341& 342A ONLY					
	1-1/2 x 2 x 12	1	443-1748	225		010	
	2 x 2-1/2 x 12	1	443-1753	225		010	
	2-1/2 x 3 x 12	1	443-1750	225		010	
	3 x 4 x 12	1	443-1751	225		010	
11A	IMPELLER **(L)***						
	1-1/2 x 2 x 12	1	443-1739	225		010	
	2 x 2-1/2 x 12	1	443-1740	225		010	
	2-1/2 x 3 x 12	1	443-1741	225		010	
	3 x 4 x 12	1	443-1742	225		010	
	4 x 5 x 12	1	443-1743	225		010	
	5 x 6 x 12	1	443-1744	225		010	
	6 x 6 x 12	1	443-1746	225		010	
	6 x 6 x 12A	1	443-1746	225		010	
12	IMPELLER KEY **(S)**	1	472-0201	087		087	
	(L)	1	472-0247	087		087	
14	IMPELLER RING (OPTIONAL)						
	1-1/2 x 2 x 12	1	676-1146	208		010	
	2 x 2-1/2 x 12	1	676-1133	208		010	
	2-1/2 x 3 x 12	1	676-1133	208		010	
	3 x 4 x 12	1	676-1140	208		010	
	4 x 5 x 12	1	676-1141	208		010	
	5 x 6 x 12	1	676-1143	208		010	
	6 x 6 x 12	1	676-1143	208		010	
	6 x 6 x 12A	1	676-1143	208		010	
15	IMPELLER RING (OPTIONAL)						
	2 x 2-1/2 x 12	1	676-1133	208		010	
	2-1/2 x 3 x 12	1	676-1133	208		010	
	3 x 4 x 12	1	676-1156	208		010	
	4 x 5 x 12	1	676-1156	208		010	
	5 x 6 x 12	1	676-1156	208		010	
	6 x 6 x 12	1	676-1156	208		010	
	6 x 6 x 12A	1	676-1156	208		010	
16	RING						
	2 x 2-1/2 x 12	1	676-0003	010		010	
	2-1/2 x 3 x 12	1	676-0003	010		010	
25	SLEEVE **(S)**	1	756-0077	208		104	
	(L)	1	756-0078	208		104	
27	SEAL **(S)**	1	712-0907	753		753	
	(L)	1	712-0910	753		753	

*MACHINED FOR OPTIONAL RING NUMBERS 14 & 15

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AURORA® 340A SERIES
MODELS 341A- 342A- 344A
1-1/2 x 2 x 12 – 6 x 6 x 12A

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
32	CAPSCREW (341 & 342)						
	213JM – 215JM	4	168-0490	082		082	
	254JM – 256JM	4	168-0492	082		082	
	284JM – 326JM	4	168-0562	082		082	
	CAPSCREW (344)						
	POWER FRAME #2 & #3	4	168-0492	082		082	
33	U DRIVE SCREW	2	708-0013	365		365	
34	NAMEPLATE	1	532-0045	114		114	
35	BRACKET (341A)						
	213JM – 215JM	1	116-0196	010		010	
	254JM – 256JM	1	116-0199	010		010	
	BRACKET (342A)						
	213JM – 215JM	1	116-0196	010		010	
	254JM – 256JM	1	116-0199	010		010	
	284JM – 326JM	1	116-0088	010		010	
	BRACKET (344A)						
	POWER FRAME #2 & #3	1	116-0199	010		010	
39	CAPSCREW (341A)	NOT REQUIRED					
	CAPSCREW (342A)						
	1-1/2 x 2 x 12	4	168-0560	082		082	
	2 x 2-1/2 x 12	4	168-0562	082		082	
	2-1/2 x 3 x 12	4	168-0562	082		082	
	3 x 4 x 12	4	168-0564	082		082	
	4 x 5 x 12	4	168-0634	082		082	
	5 x 6 x 12	4	168-0634	082		082	
	6 x 6 x 12 & 12A	4	168-0634	082		082	
	CAPSCREW (344A)						
	POWER FRAME #2 & #3	2	168-0490	082		082	
40	WASHER (341A)	NOT REQUIRED					
	WASHER (342A)	NOT REQUIRED					
	WASHER (344A)						
	POWER FRAME #2 & #3	2	908-0114	080		080	
41	SUPPORT (341A)						
	213JM – 215JM	NOT REQUIRED					
	254JM – 256JM	NOT REQUIRED					
	SUPPORT (344)						
	POWER FRAME #2 & #3	1	820-0186	010		010	
42	DRIVE KEY	1	472-0247	087		087	
43	GREASE FITTING	1	508-0005	657		651	
44	VENT TUBE	1	864-0051	656		656	
46	PROTECTOR	2	624-0010	503		503	
47	SLINGER						
	POWER FRAME #2 & #3	1	764-1021	478		478	
47A	SLINGER						
	POWER FRAME #2	1	764-1021	478		478	
	POWER FRAME #3	1	764-1026	478		478	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
48	CAPSCREW						
	POWER FRAME #2 & #3	4	168-0492	082		082	
49	BEARING CAP						
	POWER FRAME #2	1	164-0471	010		010	
	POWER FRAME #3	1	164-0472	010		010	
50	O-RING						
	POWER FRAME #2	1	364-0432	457		457	
	POWER FRAME #3	1	364-0438	457		457	
51	SEAL						
	POWER FRAME #2 & #3	1	712-0233	653		653	
	OIL LUBE						
	POWER FRAME #2 & #3	1	712-0054	653		653	
51A	SEAL						
	POWER FRAME #2	1	712-0233	653		653	
	POWER FRAME #3	1	712-0234	653		653	
	OIL LUBE						
	POWER FRAME #2	1	712-0054	653		653	
	POWER FRAME #3	1	712-0056	653		653	
52	RETAINING RING						
	POWER FRAME #2	1	676-0938	088		088	
	POWER FRAME #3	1	676-0944	088		088	
53	O.B. BEARING						
	POWER FRAME #2						
	STANDARD OPEN	1	068-2308	647		647	
	SEALED PERM LUBE	1	068-2220	647		647	
	POWER FRAME #3						
	STANDARD OPEN	1	068-2310	647		647	
	SEALED PERM LUBE	1	068-2221	647		647	
54	I.B. BEARING						
	POWER FRAME #2						
	STANDARD OPEN	1	068-0159	647		647	
	SEALED PERM LUBE	1	068-2018	647		647	
	POWER FRAME #3						
	STANDARD OPEN	1	068-0161	647		647	
	SEALED PERM LUBE	1	068-2022	647		647	
55	SHAFT						
	POWER FRAME #2	1	728-0122	063		063	
	POWER FRAME #3	1	728-0123	063		063	
56	PROTECTOR	2	624-0010	503		503	

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AURORA® 340A SERIES
MODELS 341A- 342A- 344A
1-1/2 x 2 x 12 – 6 x 6 x 12A

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
57	FRAME						
	OIL LUBE						
	POWER FRAME #2	1	356-0232	010		010	
	POWER FRAME #3	1	356-0233	010		010	
	GREASE						
	POWER FRAME #2	1	356-0202	010		010	
	POWER FRAME #3	1	356-0203	010		010	
58	GREASE FITTING	1	508-0001	651		651	
59	PIPE PLUG						
	POWER FRAME #2 & #3	2	600-0001	087		087	
60	OILER	1	522-0029	652		652	
61	PIN	INCLUDED WITH NO. 25					
62	CAPSCREW						
	POWER FRAME #2 & #3	2	168-0490	082		082	
63	WASHER	2	908-0114	080		080	
64	SUPPORT						
	POWER FRAME #2 & #3	1	820-0189	010		010	
72	GASKET						
	1-1/2 x 2 x 12	1	364-0603	603		603	
	2 x 2-1/2 x 12	1	364-0604	603		603	
	2-1/2 x 3 x 12	1	364-0605	603		603	
	3 x 4 x 12	1	364-0607	603		603	
	4 x 5 x 12	1	364-0609	603		603	
	5 x 6 x 12	1	364-0609	603		603	
	6 x 6 x 12 & 12A	1	364-0609	603		603	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL B.F.		MATERIAL A.I.	
73	BASE						
	1-1/2 x 2 x 12	1	816-1103	010		010	
	2 x 2-1/2 x 12	1	816-1104	010		010	
	2-1/2 x 3 x 12	1	816-1105	010		010	
	3 x 4 x 12	1	816-1106	010		010	
	4 x 5 x 12	1	816-1108	010		010	
	5 x 6 x 12	1	816-1108	010		010	
	6 x 6 x 12 & 12A	1	816-1108	010		010	
74	PIPE PLUG	1	600-0002	087		087	
75	PIPE PLUG						
	1-1/2 x 2 x 12	1	600-0003	087		087	
	2 x 2-1/2 x 12	1	600-0003	087		087	
	2-1/2 x 3 x 12	1	600-0004	087		087	
	3 x 4 x 12	1	600-0004	028		028	
	4 x 5 x 12	1	600-0005	028		028	
	5 x 6 x 12	1	600-0005	028		028	
	6 x 6 x 12 & 12A	1	600-0005	028		028	
	(NOT SHOWN)						
	SEAL KIT **(S)**	1	476-0250	644			
	(INCLUDES PIECE NO'S 8, 9, 9A, 9B, 9C, 10, 12, 25, 27)						
	SEAL KIT **(L)**	1	476-0253	644			

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AURORA® 340A SERIES
MODELS 341A- 342A- 344A
6 x 6 x 12B – 6 x 8 x 15 – 8 x 10 x 15

PARTS LIST

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL			
				B.F.		A.I.	
1	COMP. ELBOW	1	868-3660	190		087	
2	COMP. CONN.	1	868-3359	190		087	
3	TUBING	1	872-0124	175		087	
4	PIPE PLUG	3	600-0002	087		087	
5	CAPSCREW						
	6 x 6 x 12B	8	168-0489	082		082	
	6 x 8 x 15	12	168-0636	082		082	
	8 x 10 x 15	12	168-0636	082		082	
6	CASING						
	6 x 6 x 12B	1	180-2516	010		010	
	6 x 8 x 15	1	180-2366	010		010	
	8 x 10 x 15	1	180-2367	010		010	
7	CASE RING						
	6 x 6 x 12B	1	676-2100	208		010	
	6 x 8 x 15	2	676-2036	222		010	
	8 x 10 x 15	2	676-2037	222		010	
8	GASKET						
	12"	1	364-1016	603		603	
	15"	1	364-0557	457		457	
9A	WASHER	1	908-1326	104		104	
9B	GASKET	1	364-2046	603		603	
10	O-RING	1	364-0419	457		457	
11	IMPELLER						
	6 x 6 x 12B (L)	1	443-2664	225		010	
	6 x 6 x 12B (XL)	1	443-3087	208		–	
	6 x 8 x 15	1	443-3088	208		010	
	8 x 10 x 15	1	443-3090	208		010	
11A*	IMPELLER						
	6 x 6 x 12B (L)	1	443-2977	225		010	
	6 x 6 x 12B (XL)	1	443-3087	208		–	
	6 x 8 x 15	1	443-3089	208		010	
	8 x 10 x 15	1	443-3091	208		010	
12	IMPELLER KEY	1	472-0318	087		087	
14	IMPELLER RING, OPTIONAL						
	6 x 6 x 12B	1	676-2101	208		010	
	6 x 8 x 15	1	676-1053	208		010	
	8 x 10 x 15	1	676-1971	208		010	
15	IMPELLER RING, OPTIONAL						
	6 x 6 x 12B	1	676-2101	208		010	
	6 x 8 x 15	1	676-1053	208		010	
	8 x 10 x 15	1	676-1053	208		010	
25	SHAFT SLEEVE	1	756-0692	208		104	
27	MECHANICAL SEAL	1	712-1014	753		753	
32	CAPSCREW						
	326 – 405 TCZ	4	168-0564	082		082	
	444TCZ +	8	168-0566	082		082	
33	WASHER	2	708-0013	365		365	

PC. NO.	DESCRIPTION	QTY	PART NO.	MATERIAL			
				B.F.		A.I.	
34	NAME PLATE	1	532-0045	114		114	
35	BRACKET						
	12", 326 – 405 TCZ	1	116-0538	010		010	
	15", 326 – 405 TCZ	1	116-0537	010		010	
	15", 444 TCZ +	1	116-0539	010		010	

*MACHINED FOR OPTIONAL IMPELLER WEAR RINGS, ITEMS 14 & 15
(XL = EXTRA LARGE BORE)

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WARRANTY

Seller warrants equipment (and its component parts) of its own manufacture against defects in materials and workmanship under normal use and service for one (1) year from the date of installation or start-up, or for eighteen (18) months after the date of shipment , whichever occurs first. Seller does not warrant accessories or components that are not manufactured by Seller; however, to the extent possible, Seller agrees to assign to Buyer its rights under the original manufacturer's warranty, without recourse to Seller. Buyer must give Seller notice in writing of any alleged defect covered by this warranty (together with all identifying details, including the serial number, the type of equipment, and the date of purchase) within thirty (30) days of the discovery of such defect during the warranty period. No claim made more than 30 days after the expiration of the warranty period shall be valid. Guarantees of performance and warranties are based on the use of original equipment manufactured (OEM) replacement parts. Seller assumes no responsibility or liability if alterations, non-authorized design modifications and/or non-OEM replacement parts are incorporated If requested by Seller, any equipment (or its component parts) must be promptly returned to Seller prior to any attempted repair, or sent to an authorized service station designated by Seller, and Buyer shall prepay all shipping expenses. Seller shall not be liable for any loss or damage to goods in transit, nor will any warranty claim be valid unless the returned goods are received intact and undamaged as a result of shipment. Repaired or replaced material returned to customer will be shipped F.O.B., Seller's factory. Seller will not give Buyer credit for parts or equipment returned to Seller, and will not accept delivery of any such parts or equipment, unless Buyer has obtained Seller's approval in writing. The warranty extends to repaired or replaced parts of Seller's manufacture for ninety (90) days or for the remainder of the original warranty period applicable to the equipment or parts being repaired or replaced, whichever is greater. This warranty applies to the repaired or replaced part and is not extended to the product or any other component of the product being repaired. Repair parts of its own manufacture sold after the original warranty period are warranted for a period of one (1) year from shipment against defects in materials and workmanship under normal use and service. This warranty applies to the replacement part only and is not extended to the product or any other component of the product being repaired. Seller may substitute new equipment or improve part(s) of any equipment judged defective without further liability. All repairs or services performed by Seller, which are not covered by this warranty, will be charged in accordance with Seller's standard prices then in effect.

THIS WARRANTY IS THE SOLE WARRANTY OF SELLER AND SELLER HEREBY EXPRESSLY DISCLAIMS AND BUYER WAIVES ALL OTHER WARRANTIES EXPRESSED, IMPLIED IN LAW OR IMPLIED IN FACT, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Seller's sole obligation under this warranty shall be, at its option, to repair or replace any equipment (or its component parts) which has a defect covered by this warranty, or to refund the purchase price of such equipment or part. Under the terms of this warranty, Seller shall not be liable for (a) consequential, collateral, special or liquidated losses or damages; (b) equipment conditions caused by normal wear and tear, abnormal conditions of use, accident, neglect, or misuse of said equipment; (c) the expense of, and loss or damage caused by, repairs or alterations made by anyone other than the Seller; (d) damage caused by abrasive materials, chemicals, scale deposits, corrosion, lightning, improper voltage, mishandling, or other similar conditions; (e) any loss, damage, or expense relating to or resulting from installation, removal or reinstallation of equipment; (f) any labor costs or charges incurred in repairing or replacing defective equipment or parts, including the cost of reinstalling parts that are repaired or replaced by Seller; (g) any expense of shipment of equipment or repaired or replacement parts; or (h) any other loss, damage or expense of any nature.

The above warranty shall not apply to any equipment which may be separately covered by any alternate or special warranties.

PERFORMANCE: In the absence of Certified Pump Performance Tests, equipment performance is not warranted or guaranteed. Performance curves and other information submitted to Buyer are approximate and no warranty or guarantee shall be deemed to arise as a result of such submittal. All testing shall be done in accordance with Seller's standard policy under Hydraulic Institute procedures.

LIABILITY LIMITATIONS: Under no circumstances shall the Seller have any liability under the Order or otherwise for liquidated damages or for collateral, consequential or special damages or for loss of profits, or for actual losses or for loss of production or progress of construction, regardless of the cause of such damages or losses. In any event, Seller's aggregate total liability under the Order or otherwise shall not exceed the contract price.

ACTS OF GOD: Seller shall in no event be liable for delays in delivery of the equipment or other failures to perform caused by fires, acts of God, strikes, labor difficulties, acts of governmental or military authorities, delays in transportation or procuring materials, or causes of any kind beyond Seller's control.

COMPLIANCE WITH LAW: Seller agrees to comply with all United States laws and regulations applicable to the manufacturing of the subject equipment. Such compliance shall include: The Fair Labor Standards Acts of 1938, as amended; Equal Employment Opportunity clauses of Executive Order 11246, as amended; Occupational Safety and Health Act of 1970 and the standards promulgated thereunder, if applicable. Since compliance with the various Federal, State, and Local laws and regulations concerning occupational health and safety, pollution or local codes are affected by the use, installation and operation of the equipment and other matters over which Seller has no control, Seller assumes no responsibility for compliance with those laws and regulations, whether by way of indemnity, warranty, or otherwise. It is incumbent upon the Buyer to specify equipment which complies with local codes and ordinances.

PENTAIR

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