

NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A45350	1.937	2.561	2.565	.500	01 GF 236 160 08	F	A46072S	2.265	4.156	.250	.250	99 BE 410 217 04 *	S
A45351	1.322	2.227	2.231	.500	01 R 215A 120X 08	L	A46073	4.000	5.751	5.756	.875	99 G 548 400 14 *	L
A45352S	1.491	2.191	2.195	.250	06 BRS 212A 131X 04	S	A46076	1.875	2.998	3.002	.375	01 F 300B 156 06	F
A45353S	1.515	2.502	2.506	.500	05 RS 232 133 08	S	A46078	1.750	2.725	2.729	.438	99 GW 247B 148 07 *	L
A45354P	1.906	2.752	2.756	.406	06 BRSW 248D 158 06.5C	P	A46079S	.875	1.246	1.250	.188	01 BR 116A 056 03	S
A45355P	1.937	2.883	2.887	.500	99 BRSW 256C 160 08C *	P	A46082	2.062	3.189	3.194	.469	99 F 312 204 07.5 *	F
A45356P	1.413	2.360	2.364	.313	06 BRS 223A 126X 05C	P	A46202	1.375	2.625	2.629	.313	03 R 240A 124 05	L
A45360S	2.000	2.880	2.884	.500	01 TKW 256A 200 08	S	A46204	1.625	2.437	3.133	.750	99 FLG 228 140 12 *	LF
A45361S	.953	2.060	2.064	.281	99 BRS 204B 061 04.5 *	S	A46205	1.500	2.379	2.383	.750	99 DF 224B 132 12 *	LF
A45362S	2.047	4.361	4.366	.438	99 BRS 423A 203 07 *	S	A46212	1.875	3.496	3.501	.844	01 DF 332B 156 13.5	LF
A45363S	1.869	2.518	2.522	.375	04 RMS 233 156X 06	S	A46214	3.500	4.751	4.756	.625	01 F 448 332 10	F
A45364S	1.687	2.437	2.441	.469	06 RMS 228 144 07.5	S	A46222	3.500	4.376	4.381	.750	06 DW 424 332 12	LL
A45365P	1.739	2.812	2.816	.594	99 BRSW 252 148X 09.5C *	P	A46234	1.875	2.965	2.969	.250	01 F 262A 156 04	F
A45366S	2.125	3.000	3.005	.313	99 DWS 300 208 05C *	SL	A46236	2.000	2.965	2.969	.313	01 F 262A 200 05	F
A45409S	1.375	2.125	2.133	.250	06 ROS 208 124 04	S	A46238	1.937	3.622	3.627	.375	01 F 340A 160 06	F
A45410	1.750	2.441	2.445	.375	01 R 228A 148 06	L	A46241	1.875	3.189	3.194	.703	06 DW 312 156 11.25	LL
A45434	1.891	2.836	2.840	.437	01 GF 254B 157 07	F	A46243	2.250	3.061	3.066	.438	01 F 304 216 07	F
A45439S	.500	.999	1.003	.250	03 BRS 100 032 04	S	A46250	1.718	2.826	2.830	.844	99 F 259 146 13.5 *	F
A45443S	1.875	2.875	2.879	.250	05 BR 256 156 04	S	A46254	1.875	2.718	2.722	.469	01 F 246A 156 07.5	F
A45445S	1.375	2.374	2.378	.250	02 BR 224 124 04	S	A46260	.750	1.246	1.250	.375	01 F 116A 048 06	F
A45447S	.750	1.124	1.128	.188	06 BRS 108 048 03	S	A46261	1.875	4.010	4.014	1.000	99 DF 401 156 16 *	LF
A45449S	1.562	2.375	2.379	.406	06 BRS 224B 136 06.5	S	A46281	2.187	3.189	3.194	.469	02 DF 312 212 07.5	LF
A45450S	1.812	2.502	2.506	.250	02 BR 232 152 04	S	A46303	1.437	2.437	2.441	.313	99 GW 228 128 05 *	LL
A45459	1.578	2.441	2.445	.469	01 R 228A 137 07.5	L	A46304	2.375	3.481	3.486	.688	05 DW 331 224 11	LL
A45467	1.500	2.502	2.506	.313	02 R 232 132 05	L	A46317	1.375	2.437	2.441	.296	99 GW 228 124 04.75 *	L
A45468	1.250	2.125	2.129	.313	02 R 208 116 05	L	A46318	1.734	3.061	3.066	.500	99 R 304 147 08 *	L
A45471S	.312	.562	.566	.125	01 B 036 020 02	S	A46325	3.937	5.374	5.379	.531	99 G 524 360 08.5 *	L
A45601	1.750	2.875	2.879	.375	01 F 256 148 06	F	A46326S	1.625	2.468	.297	.297	99 BE 230 140 04.75 *	S
A45612	1.812	2.965	2.969	.250	01 F 262A 152 04	F	A46328S	1.750	2.437	2.441	.281	03 BRS 228 148 04.5	S
A45621	2.312	3.744	3.749	.375	01 F 348A 220 06	F	A46336	2.281	3.154	3.159	.359	01 GW 310E 218 05.75	L
A45901	1.687	2.750	2.754	.438	01 GF 248 144 07	F	A46337	2.437	3.623	3.628	.359	01 GW 340 228 05.75	L
A45918	1.578	2.408	2.412	.500	01 R 226 137X 08	L	A46338P	4.687	5.751	5.756	.750	03 DOS 548 444 12C	PP
A45927	1.750	2.875	2.879	.500	01 F 256 148 08	F	A46341S	1.562	2.686	2.690	.563	01 FA 244 136 09	S
A45948	3.125	4.562	4.567	1.203	99 G 436 308 19.25 *	L	A46350	3.187	4.626	4.631	.438	02 R 440 312 07	L
A45950	2.062	3.151	3.156	.250	01 F 310D 204 04	F	A46353	1.687	2.623	2.627	.375	99 GW 240 144 06 *	L
A45961	1.562	3.160	3.165	.250	99 R 310H 136 04 *	L	A46356P	1.312	1.828	1.832	.375	06 BRS 153 120 06C	P
A45961P	1.552	3.160	3.165	.250	99 RMSW 310H 135 04C *	P	A46357	1.625	3.000	3.005	.313	99 R 300 140 05 *	S
A45972	1.562	2.565	2.569	.375	01 F 236A 136 06	F	A46359S	.500	1.124	1.128	.313	04 RS 108 032 05	L
A45974	1.812	2.874	2.878	.375	01 GW 256D 152 06	L	A46362	1.750	2.441	2.445	.500	01 GW 228A 148 08	L
A45975	1.906	3.157	3.162	.375	01 GW 310F 158 06	L	A46363	2.125	3.126	3.131	.484	01 F 308B 208 07.75	F
A45976	1.562	2.686	2.690	.375	99 GW 244 136 06 *	L	A46405S	.500	.999	1.003	.250	04 BRSW 100 032 04	S
A45981	1.875	2.785	2.789	.594	05 DW 250A 156 09.5	LL	A46415	1.500	2.502	2.506	.250	99 GW 232 132 04 *	L
A45986	1.375	2.751	2.755	.250	99 GW 248E 124 04 *	L	A46418	1.812	2.842	2.846	.375	99 GW 254 152 06 *	L
A45993	2.625	3.876	3.881	.469	01 F 356 240 07.5	F	A46421S	3.000	3.751	3.756	.375	06 BRS 348 300 06	S
A45998	1.750	2.750	2.754	.484	99 GW 248 148 07.75 *	L	A46423	1.718	2.826	2.830	.844	99 F 259 146 13.5X *	F
A46004	1.734	2.726	2.730	.516	99 GW 247A 147 08.25 *	L	A46426	1.781	2.875	2.879	.375	01 F 256 150 06	F
A46012	3.187	4.626	4.631	.750	99 G 440 312 12 *	L	A46427	1.625	2.441	2.445	.438	01 GF 228A 140 07	F
A46013	1.875	3.105	3.110	.594	02 DF 307 156 09.5	LF	A46428	1.734	2.449	2.453	.250	01 W 229A 147 04	L
A46021	2.875	3.876	3.881	.188	01 W 356 256 03	L	A46431S	1.875	2.758	2.762	.656	04 DFS 248A 156 10.5	SF
A46026S	1.375	2.000	2.004	.344	04 RS 200 124 05.5	S	A46432	1.312	2.690	2.694	.313	99 GW 244A 120 05 *	L
A46031	2.062	2.842	2.846	.453	01 R 254 204 07.25	L	A46444	1.750	2.441	2.445	.438	01 GF 228A 148 07	F
A46034	3.000	4.441	4.446	.719	99 R 428A 300 11.5 *	L	A46450	1.625	2.442	2.446	.875	01 DFW 228B 140 14	LF
A46048	1.531	2.894	2.898	.469	99 G 257A 134 07.5 *	L	A46453	1.625	2.502	2.506	.281	99 F 232 140 04.5 *	F
A46051	2.312	3.600	3.605	.250	99 R 339A 220 04 *	L	A46457	2.328	3.189	3.194	.469	99 F 312 221 07.5 *	F
A46052	1.750	2.717	2.721	.375	01 GF 246C 148 06	F	A46462S	1.062	1.713	1.719	.375	99 ROS 146 104 06 *	S
A46052S	1.750	2.718	2.722	.375	02 BT 246A 148 06	S	A46463S	.250	.749	.753	.250	02 BR 048 016 04	S
A46057	2.312	3.313	3.318	.375	99 GW 320 220 06 *	L	A46465	1.187	2.250	2.254	.375	01 F 216 112 06	F
A46061	1.500	2.159	2.523	2.078	99 FLG 210A 132 33.25 *	L	A46466S	2.687	3.371	3.376	.563	01 FA 324 244 09	S
A46064	1.937	3.000	3.005	.469	01 GW 300 160 07.5	L	A46468	1.500	2.062	2.066	.250	01 F 204 132 04	F
A46071S	2.484	3.063	3.183	.563	99 FLG 304B 231 09 *	S	A46469	1.875	2.998	3.002	.375	01 GW 300B 156 06	L

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A46477S	4.500	5.501	5.506	.500	06 BRSW 532 432 08	S	A46650S	1.250	1.968	1.972	.469	01 GWS 162 116X 07.5C	S
A46483S	2.093	2.718	2.722	.375	01 BT 246A 206 06	S	A46651	5.250	6.251	6.256	.563	01 R 616 516 09	L
A46484S	1.656	2.437	2.441	.594	99 B 228 142 09.5 *	S	A46654	1.750	2.502	2.506	.438	01 F 232 148 07	F
A46500	3.125	4.562	4.567	.688	01 GF 436 308 11	F	A46657	1.812	4.123	4.128	.281	99 R 408A 152 04.5 *	L
A46503S	1.375	1.828	1.832	.250	04 BRS 153 124 04	S	A46658	1.375	2.375	2.379	.375	03 R 224B 124 06	L
A46505S	2.125	2.875	2.879	.313	99 DWS 256 208 05 *	SL	A46659S	1.750	2.876	2.880	.500	99 G3WS 256E 148 08 *	S
A46509S	4.375	6.065	6.071	.625	99 RS 604A 424 10 *	S	A46661S	1.250	2.250	2.254	.313	99 GWS 216 116 05 *	S
A46510S	2.187	3.189	3.194	.688	99 BRS 312 212 11 *	S	A46662S	1.375	2.498	2.502	.313	99 GWS 232B 124 05 *	S
A46511S	2.187	3.189	3.194	.812	99 BRS 312 212 13 *	S	A46663	2.250	3.310	3.315	.375	01 GW 320C 216 06	L
A46513	1.500	2.501	2.505	.343	99 GW 232D 132 05.5 *	L	A46664	2.062	3.000	3.005	.313	01 GW 300 204 05	L
A46517S	1.500	2.377	2.381	.750	04 DFS 224A 132X 12	SF	A46665	1.812	2.623	2.627	.250	01 W 240 152 04	L
A46518S	.750	1.250	1.254	.250	06 BRS 116 048 04	S	A46666	1.828	2.570	2.574	.250	01 W 237A 153 04	L
A46520P	1.937	3.251	3.256	.500	99 BRS 316 160 08C *	P	A46667S	1.734	2.450	2.454	.875	99 BRS 229B 147X 14 *	S
A46521S	1.687	2.502	2.506	.750	04 DFS 232 144 12	SF	A46670	1.437	2.437	2.441	.250	01 W 228 128 04	L
A46530S	2.500	3.371	3.376	.313	04 BRSW 324 232 05	S	A46671	1.687	2.328	2.332	.438	01 GF 221 144 07	F
A46531	3.625	4.876	4.881	.531	02 R 456 340 08.5	L	A46672	1.875	2.628	2.632	.219	99 F 240B 156 03.5 *	F
A46531S	3.625	4.878	4.883	.625	06 RMS 456A 340 10	S	A46673R	1.937	2.692	2.696	.500	02 BTMS 244B 160 08C	R
A46533S	1.750	2.250	2.256	.250	04 ROS 216 148 04	S	A46675S	1.250	1.687	1.691	.250	06 RMSW 144A 116 04C	S
A46535S	1.500	2.377	2.381	1.032	04 GDFS 224A 132X 16.5C	SF	A46800S	5.500	7.000	7.006	1.250	99 TKW 700 532X 20 *	S
A46536	1.937	2.623	2.627	.281	99 GW 240 160 04.5 *	L	A46801S	.750	1.312	1.316	.313	04 RMSW 120A 048 05	S
A46538S	1.875	2.758	2.762	.500	05 RS 248A 156 08	S	A46802S	.875	1.250	1.254	.188	03 BRS 116 056 03	S
A46540	2.218	3.123	3.128	.500	01 GF 308A 214 08	F	A46803R	2.500	3.253	3.258	.375	06 RMS 316A 232 06C	R
A46547S	3.375	4.380	4.385	.625	05 RS 424C 324 10	S	A46806S	1.687	2.328	2.332	.313	99 BW 221 144 05 *	S
A46548S	3.125	4.049	4.054	.438	04 RS 403 308 07	S	A46810S	1.687	2.502	2.506	.563	04 RMSW 232 144 09	S
A46549	4.500	5.749	5.754	1.219	99 G 548A 432 19.5 *	L	A46811S	1.500	2.374	2.378	.563	04 RMSW 224 132 09	S
A46551S	1.375	2.072	2.076	.438	04 RS 205A 124 07	S	A46815S	1.500	2.377	2.381	.750	04 BRSW 224A 132X 12	S
A46553S	.375	.687	.691	.156	06 RMSW 044 024 02.5	S	A46816S	1.687	2.502	2.506	.563	99 BRSW 232 144 09 *	S
A46556S	3.984	5.381	5.386	.500	05 RS 524A 363 08	S	A46818	1.812	3.000	3.005	.375	01 R 300 152 06	L
A46557	2.875	4.125	4.130	.813	99 R 408 256 13 *	L	A46821S	1.375	1.875	1.879	.438	99 BRS 156B 124 07 *	S
A46557S	2.875	4.125	4.130	.813	99 GRS 408 256 13 *	S	A46823	1.875	2.721	2.725	.234	01 F 246D 156 03.75	F
A46558	1.796	2.726	2.730	.516	01 GW 247A 151 08.25	L	A46826S	2.062	3.149	3.154	.406	99 G3WS 310C 204 06.5 *	S
A46560	2.484	3.307	3.312	.500	99 F 320A 231 08 *	F	A46827P	1.906	3.189	3.194	.406	06 BRSW 312 158 06.5C	P
A46562S	3.500	4.842	4.847	.875	99 GRS 454 332 14 *	S	A46833S	.625	.999	1.005	.250	04 ROS 100 040 04	S
A46602S	.781	1.375	1.379	.406	05 RS 124 050 06.5NA	S	A46834	1.875	2.812	2.816	.500	99 R 252 156 08 *	L
A46603	1.875	3.160	3.165	.250	03 R 310G 156 04	L	A46835	1.875	3.105	3.110	.500	99 R 307 156 08 *	L
A46606	1.937	2.502	2.506	.281	01 GW 232 160 04.5	L	A46836S	2.000	2.963	2.967	.500	99 B 262 200 08 *	S
A46606S	1.937	2.502	2.506	.281	99 BW 232 160 04.5 *	S	A46837S	1.500	2.441	2.445	.969	99 DFS 228A 132 15.5 *	SF
A46607	1.734	3.002	3.006	.500	99 R 300C 147 08 *	L	A46840	1.375	2.502	2.506	.250	01 W 232 124 04	L
A46609S	1.562	2.502	2.506	.500	05 RS 232 136 08	S	A46843	1.687	2.623	2.627	.500	99 R 240 144 08 *	L
A46611S	4.062	5.501	5.506	.563	05 RS 532 404X 09	S	A46845P	1.875	3.251	3.256	.500	01 TW 316 156 08C	P
A46612S	.750	1.250	1.260	.250	06 ROS 116 048 04	S	A46847	5.062	6.310	6.317	1.250	99 R 620A 504 20 *	L
A46613	1.734	2.336	2.340	.250	01 W 222A 147 04	L	A46848	5.062	7.000	7.006	1.250	99 R 700 504 20 *	L
A46615	1.828	2.750	2.754	.484	01 GW 248 153 07.75	L	A46849S	2.562	3.500	3.505	.563	99 BRS 332 236 09 *	S
A46616	2.250	3.565	3.570	.500	99 DF 336A 216 08 *	LF	A46851S	.671	1.062	1.066	.281	06 RMS 104 043 04.5	S
A46617P	1.750	2.812	2.816	.563	99 RMS 252 148 09C *	P	A46853S	1.781	2.251	2.256	.375	04 BRSW 216A 150 06C	S
A46618	2.125	3.350	3.355	.531	02 DF 323 208 08.5	LF	A46854S	8.750	9.500	9.508	.250	01 BR 932 848 04	S
A46624	1.875	3.744	3.749	.688	99 DF 348A 156 11 *	LF	A46855S	1.055	1.499	1.503	.219	99 BRS 132 104X 03.5 *	S
A46626P	1.000	2.813	2.817	1.156	99 DFS 252B 100 18.5C *	PF	A46856S	1.183	1.686	1.690	.438	99 BRSW 144 112X 07 *	S
A46628S	.875	1.375	1.379	.250	04 BRS 124 056 04	S	A46857S	.625	.937	.941	.188	01 B 060 040 03	S
A46630S	.437	.999	1.003	.250	06 BRS 100 028 04	S	A46858S	1.250	1.752	1.756	.250	03 BRS 148 116 04	S
A46631	4.046	5.501	5.506	.625	99 R 532 403 10 *	L	A46862R	1.178	2.075	2.079	.406	06 RMS 204A 111X 06.5C	R
A46634S	5.500	6.312	6.318	1.250	99 GRSW 620 532X 20 *	S	A46867	1.656	2.623	2.627	.500	01 R 240 142 08	L
A46635S	5.500	6.500	6.506	1.125	99 GRSW 632 532X 18 *	S	A46868S	1.750	2.374	2.378	.438	99 BRS 224 148 07 *	S
A46636S	1.687	2.502	2.506	.625	04 DFS 232 144X 10	SF	A46869	1.562	2.062	2.066	.250	01 W 204 136 04	L
A46637S	1.562	2.441	2.445	.500	99 BRS 228A 136 08X *	S	A46870S	1.375	2.250	2.254	.500	04 RMSW 216 124 08	S
A46638S	1.625	2.437	2.441	.438	99 BRS 228 140 07 *	S	A46871S	1.312	2.196	2.200	.578	99 BRSW 213A 120 09.25 *	S
A46639R	2.125	2.875	2.879	.375	06 RMS 256 208 06C	R	A46872S	.500	.687	.692	.094	99 RO 044 032 01.5 *	S
A46640S	1.687	2.623	2.627	.500	99 RS 240 144 08 *	S	A46873P	1.562	2.875	2.879	.469	99 TW 256 136 07.5C *	P
A46641S	1.375	2.250	2.254	.500	99 RS 216 124 08 *	S	A46874S	1.500	2.062	2.066	.188	06 BRS 204 132 03	S
A46649R	2.375	3.126	3.131	.375	04 RMS 308B 224 06C	R	A46876R	2.500	3.500	3.505	.500	99 T 332 232 08C *	R

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A46877	1.750	2.623	2.627	.313	99 F 240 148 05 *	F	A49001	2.625	3.623	3.628	.750	01 DF 340 240 12	LF
A46880P	1.156	3.309	3.562	.625	99 FLG 320B 110 10C *	P	A49002	2.750	3.751	3.756	.750	01 DF 348 248 12	LF
A46882	2.000	2.745	3.062	.312	99 FLG 248B 200 05 *	F	A49004	2.750	3.876	3.881	.750	01 DF 356 248 12	LF
A46884R	2.000	2.686	2.690	.375	06 RMS 244 200 06C	S	A49018	2.500	3.500	3.505	.750	01 DF 332 232 12	LF
A46885S	1.312	2.281	2.285	.719	99 EBR5 218A 120 11.5 *	S	A49034	3.500	4.501	4.506	.813	01 DF 432 332 13	LF
A46886S	1.500	2.377	2.381	.500	04 RMSW 224A 132 08	S	A51002	1.375	2.374	2.378	.703	03 DW 224 124 11.25	LL
A46889S	1.750	3.090	3.095	1.406	99 T 306 148 22.5 *	S	A51004	1.500	2.502	2.506	.688	03 DW 232 132 11	LL
A46890S	1.375	2.437	2.441	.250	06 BRS 228 124 04	S	A51010	2.000	2.996	3.001	.750	03 DW 300A 200 12	LL
A46891	2.671	3.751	3.756	.500	01 GW 348 243 08	L	A51011	1.000	1.499	1.503	.531	05 DW 132 100 08.5	LL
A46892S	1.250	1.983	1.987	.250	05 RM 163 116 04	S	A51012	1.375	2.125	2.129	.625	03 DW 208 124 10	LL
A46893S	1.875	2.561	2.565	.469	99 BRS 236 156 07.5 *	S	A51023	.875	1.375	1.379	.500	03 DW 124 056 08	LL
A46894P	1.312	2.000	2.004	.313	04 BRSW 200 120 05C	P	A51027	2.875	4.003	4.008	.625	03 DW 400 256 10	LL
A46895S	1.500	2.502	2.506	.563	99 BRSW 232 132 09 *	S	A51033	6.500	8.000	8.007	1.000	03 DW 800 632 16	LL
A46896	1.750	2.502	2.506	.250	99 W 232 148 04 *	L	A51039	3.500	4.501	4.506	.813	03 DW 432 332 13	LL
A46900S	1.500	2.437	2.441	.250	03 BRS 228 132 04	S	A51977	1.875	2.875	2.879	.500	01 R 256 156 08	L
A46901S	1.562	2.437	2.441	.469	99 BRS 228 136 07.5 *	S	A52004	1.375	2.437	2.441	.563	05 DW 228 124 09	LL
A46902S	.724	1.062	1.066	.188	06 BRS 104 046X 03	S	A52006	1.500	2.502	2.506	.656	05 DW 232 132 10.5	LL
A46903	1.875	2.400	2.404	.234	99 F 226A 156 03.75 *	F	A52007	1.625	2.623	2.627	.625	05 DW 240 140 10	LL
A46904S	2.250	3.061	3.066	.500	04 RMSW 304 216 08	S	A52011	1.875	2.996	3.001	.656	05 DW 300A 156 10.5	LL
A46905S	1.250	1.686	1.690	.250	06 BRS 144 116 04	S	A52012	2.000	2.996	3.001	.656	05 DW 300A 200 10.5	LL
A47004	1.531	2.656	2.660	.500	01 R 242 134X 08	L	A52015	2.375	3.350	3.355	.594	05 DW 323 224 09.5	LL
A47005	1.730	2.336	2.340	.469	99 W 222A 147X 07.5 *	L	A52019S	1.250	2.000	2.004	.500	23 DWS 200 116 08	SL
A47006S	1.362	2.191	2.195	.250	06 BRS 212A 124X 04	S	A52022S	1.750	2.750	2.754	.625	25 DWS 248 148 10	SL
A47007	2.000	2.965	3.313	.313	99 FLG 262A 200 05 *	F	A52023	1.875	2.758	2.762	.656	05 DW 248A 156 10.5	LL
A47009	1.375	2.561	2.565	.375	02 R 236 124 06	L	A52024	1.937	3.000	3.005	.625	05 DW 300 160 10	LL
A47010	1.812	2.623	2.627	.375	01 R 240 152 06	L	A52027	2.125	3.061	3.066	.688	05 DW 304 208 11	LL
A47011	2.125	3.148	3.153	.500	99 F 310B 208 08 *	F	A52028	2.125	3.251	3.256	.625	05 DW 316 208 10	LL
A47013S	1.234	2.250	2.254	.500	99 RMS 216 115 08 *	S	A52030	1.750	2.502	2.506	.625	05 DW 232 148 10	LL
A48002S	1.375	2.374	2.378	.750	04 DFS 224 124 12	SF	A52032	2.125	2.875	2.879	.625	05 DW 256 208 10	LL
A48006	1.500	2.374	2.378	.750	01 DF 224 132 12	LF	A52040	1.578	2.408	2.412	.516	05 DW 226 137 08.25	LL
A48006S	1.500	2.374	2.378	.750	04 DFS 224 132 12	SF	A52042	2.500	3.543	3.548	.625	05 DW 335 232 10	LL
A48011	1.500	2.502	2.506	.750	01 DF 232 132 12	LF	A52043	2.625	3.623	3.628	.703	05 DW 340 240 11.25	LL
A48011S	1.500	2.502	2.506	.750	03 DFS 232 132 12	SF	A52044	2.750	3.751	3.756	.641	05 DW 348 248 10.25	LL
A48012	1.750	2.625	2.629	.750	01 DF 240A 148 12	LF	A52044S	2.750	3.751	3.756	.641	25 DWS 348 248 10.25	SF
A48013S	1.875	2.623	2.627	.781	04 DFS 240 156 12.5	SF	A52045	2.875	3.751	3.756	.641	05 DW 348 256 10.25	LL
A48016	2.000	2.996	3.001	.750	01 DF 300A 200 12	LF	A52046	2.750	3.876	3.881	.625	05 DW 356 248 10	LL
A48018	1.875	2.623	2.627	.750	01 DF 240 156 12	LF	A52047	2.875	4.003	4.008	.625	05 DW 400 256 10	LL
A48020	2.375	3.350	3.355	.750	01 DF 323 224 12	LF	A52048S	2.937	4.003	4.008	.578	25 DWS 400 260 09.25	SL
A48022	2.125	2.996	3.001	.750	01 DF 300A 208 12	LF	A52049S	3.000	4.003	4.008	.578	25 DWS 400 300 09.25	SL
A48023	1.000	1.499	1.503	.500	01 DF 132 100 08	LF	A52057	5.000	6.251	6.256	.875	05 DW 616 500 14	LL
A48024S	2.125	3.189	3.194	.375	01 TW 312 208 06	S	A52059	7.000	8.502	8.509	.875	05 DW 832 700 14	LL
A48026	2.250	3.371	3.376	.688	01 DF 324 216 11	LF	A52062	2.750	4.249	4.254	.750	05 DW 416 248 12	LL
A48028	1.500	2.250	2.254	.750	01 DF 216 132 12	LF	A52062S	2.750	4.249	4.254	.750	25 DWS 416 248 12	SL
A48028S	1.500	2.250	2.254	.750	04 DFS 216 132 12	SF	A52064	8.000	10.000	10.008	.906	05 DW 1000 800 14.5	LL
A48031	1.375	2.106	2.110	.750	01 DF 207 124 12	LF	A52066	3.250	4.499	4.504	.594	05 DW 432A 316 09.5	LL
A48034	1.000	2.000	2.004	.625	01 DF 200 100 10	LF	A52068	2.500	3.500	3.505	.625	05 DW 332 232 10	LL
A48038	1.250	2.250	2.254	.688	01 DF 216 116 11	LF	A52070	3.125	4.125	4.130	.688	05 DW 408 308 11	LL
A48042	1.750	2.750	2.754	.750	01 DF 248 148 12	LF	A52075S	2.250	3.623	3.628	.594	25 DWS 340 216 09.5	SL
A48051	1.687	2.623	2.627	.781	01 DF 240 144 12.5	LF	A52079	2.750	3.543	3.548	.625	05 DW 335 248 10	LL
A48052	1.812	2.623	2.627	.750	01 DF 240 152 12	LF	A52086	2.375	3.623	3.628	.703	05 DW 340 224 11.25	LL
A48055	2.125	3.061	3.066	.750	01 DF 304 208 12	LF	A52087	3.500	4.751	4.756	.625	06 DW 448 332 10	LL
A48055S	2.125	3.061	3.066	.750	04 DFS 304 208 12	SF	A52094	9.250	12.750	12.758	1.250	05 DW 1248 916 20	LL
A48061	1.750	2.502	2.506	.750	01 DF 232 148 12	LF	A53000	.500	1.124	1.128	.250	01 W 108 032 04	L
A48065	2.125	2.875	2.879	.688	01 DF 256 208 11	LF	A53003	.625	1.250	1.254	.250	01 W 116 040 04	L
A48069	1.000	1.752	1.756	.563	01 DF 148 100 09	LF	A53004	.625	1.375	1.379	.250	01 W 124 040 04	L
A48074S	1.562	2.441	2.445	.781	04 DFS 228A 136X 12.5	SF	A53005	.656	1.375	1.379	.250	01 W 124 042 04	L
A48078	1.625	2.441	2.445	.781	01 DF 228A 140 12.5	LF	A53008	.750	1.375	1.379	.250	01 W 124 048 04	L
A48081S	1.500	2.441	2.445	.563	03 DFS 228A 132 09	SF	A53009	.875	1.499	1.503	.250	01 W 132 056 04	L
A48082S	1.875	2.623	2.627	.563	04 DFS 240 156 09	SF	A53012	1.375	2.374	2.378	.250	01 W 224 124 04	L
A48083	2.000	3.105	3.110	.531	02 DF 307 200 08.5	LF	A53013	1.500	2.374	2.378	.250	01 W 224 132 04	L

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A53015	1.500	2.437	2.441	.250	01 W 228 132 04	L	A53134	1.500	1.989	1.993	.250	01 W 163C 132 04	L
A53016	1.562	2.437	2.441	.250	01 W 228 136 04	L	A53140	3.000	4.003	4.008	.250	01 W 400 300 04	L
A53024	2.125	3.350	3.355	.250	01 W 323 208 04	L	A53140S	3.000	4.003	4.008	.250	02 BR 400 300 04	S
A53026	1.875	2.783	2.787	.250	01 W 250 156 04	L	A53147	3.750	4.999	5.004	.469	01 GW 500 348 07.5	L
A53028	1.875	2.750	2.754	.250	01 W 248 156 04	L	A53154S	1.500	1.874	1.878	.188	01 BR 156 132 03	S
A53029	.500	.999	1.003	.250	01 W 100 032 04	L	A53155S	1.750	2.502	2.506	.250	04 BRS 232 148 04	S
A53029S	.500	.999	1.003	.250	01 BR 100 032 04	S	A53156S	1.687	2.437	2.441	.313	04 BRSW 228 144 05	S
A53030	1.000	1.499	1.503	.250	01 W 132 100 04	L	A53157	3.250	5.126	5.131	.500	01 R 508 316 08	L
A53032	1.250	1.752	1.756	.250	01 W 148 116 04	L	A53158S	2.218	3.061	3.066	.313	99 DWS 304 214 05C *	SL
A53032S	1.250	1.752	1.756	.250	01 BR 148 116 04	S	A54003	.468	1.124	1.128	.375	02 R 108 030 06	L
A53033	.750	1.250	1.254	.250	01 W 116 048 04	L	A54004	.500	1.124	1.128	.375	02 R 108 032 06	L
A53037	1.687	2.500	2.504	.281	01 W 232A 144 04.5	L	A54006	.562	1.124	1.128	.375	02 R 108 036 06	L
A53039	1.750	2.758	2.762	.250	01 W 248A 148 04	L	A54007	.593	1.124	1.128	.375	02 R 108 038 06	L
A53040	1.000	2.000	2.004	.250	01 W 200 100 04	L	A54007S	.593	1.124	1.128	.375	04 RS 108 038 06	S
A53043	1.187	2.000	2.004	.250	01 W 200 112 04	L	A54008	.625	1.124	1.128	.375	02 R 108 040 06	L
A53044	1.000	2.250	2.254	.250	01 W 216 100 04	L	A54008S	.625	1.124	1.128	.313	04 RS 108 040 05	S
A53048	1.562	2.502	2.506	.250	01 W 232 136 04	L	A54016S	.593	1.250	1.254	.313	04 RS 116 038 05	S
A53051	.437	.999	1.003	.250	01 W 100 028 04	L	A54017	.625	1.250	1.254	.375	02 R 116 040 06	L
A53052	.562	.999	1.003	.250	01 W 100 036 04	L	A54017S	.625	1.250	1.254	.375	04 RS 116 040 06	S
A53053	.781	1.375	1.379	.250	01 W 124 050 04	L	A54020	.562	1.375	1.379	.313	01 R 124 036 05	L
A53058	.937	1.624	1.628	.250	01 W 140 060 04	L	A54021	.593	1.375	1.379	.406	02 R 124 038 06.5	S
A53059	1.000	1.624	1.628	.250	01 W 140 100 04	L	A54022	.625	1.375	1.379	.406	02 R 124 040 06.5	L
A53061	1.000	1.752	1.756	.250	01 W 148 100 04	L	A54023	.625	1.375	1.379	.375	01 R 124 040 06	L
A53063	1.250	2.062	2.066	.250	01 W 204 116 04	L	A54024	.687	1.375	1.379	.406	01 R 124 044 06.5	L
A53064	1.625	2.750	2.754	.250	01 W 248 140 04	L	A54026	.750	1.375	1.379	.406	01 R 124 048 06.5	L
A53065	1.937	2.875	2.879	.250	01 W 256 160 04	L	A54026S	.750	1.375	1.379	.313	04 RS 124 048 05	S
A53066S	2.000	3.000	3.005	.250	05 BR 300 200 04	S	A54027	.750	1.499	1.503	.391	01 R 132 048 06.25	L
A53067	2.250	3.251	3.256	.250	01 W 316 216 04	L	A54027S	.750	1.499	1.503	.391	04 RS 132 048 06.25	S
A53068	1.500	2.000	2.004	.203	01 W 200 132 03.25	L	A54029S	.781	1.499	1.503	.313	04 RS 132 050 05	S
A53072	2.468	3.150	3.155	.281	01 W 310 230 04.5	L	A54030	.812	1.499	1.503	.391	02 R 132 052 06.25	L
A53073	1.750	2.437	2.441	.250	01 W 228 148 04	L	A54032	.875	1.499	1.503	.391	02 R 132 056 06.25	L
A53075	1.250	1.686	1.690	.250	01 W 144 116 04	L	A54032S	.875	1.499	1.503	.391	05 RS 132 056 06.25	S
A53077	1.531	2.623	2.627	.250	01 W 240 134 04	L	A54038	.875	1.828	1.832	.438	01 R 153 056 07	L
A53080S	1.125	1.624	1.628	.250	01 BR 140 108 04	S	A54043	1.000	1.828	1.832	.438	02 R 153 100 07	L
A53081	1.500	1.983	1.987	.250	01 W 163 132 04	L	A54043S	1.000	1.828	1.832	.438	05 RS 153 100 07	S
A53084	2.000	2.750	2.754	.250	01 W 248 200 04	L	A54045	1.062	1.828	1.832	.438	02 R 153 104 07	L
A53087	1.750	2.250	2.254	.250	01 W 216 148 04	L	A54046	1.093	1.828	1.832	.438	01 R 153 106 07	L
A53088S	2.000	2.502	2.506	.250	01 BR 232 200 04	S	A54047	1.125	1.828	1.832	.438	01 R 153 108 07	L
A53089	1.375	2.282	2.286	.250	01 W 218 124 04	L	A54050	1.187	1.983	1.987	.438	01 R 163 112 07	L
A53091	2.000	2.623	2.627	.250	01 W 240 200 04	L	A54052	1.250	1.983	1.987	.438	01 R 163 116 07	L
A53092	.625	.999	1.003	.250	01 W 100 040 04	L	A54055	1.187	2.062	2.066	.438	01 R 204 112 07	L
A53095	1.562	2.374	2.378	.250	01 W 224 136 04	L	A54058	1.375	2.374	2.378	.500	01 R 224 124 08	L
A53097	1.484	2.255	2.259	.250	01 W 216C 131 04	L	A54058S	1.375	2.374	2.378	.500	05 RS 224 124 08	S
A53098	1.750	2.502	2.506	.250	01 W 232 148 04	L	A54060	1.437	2.374	2.378	.500	01 R 224 128 08	L
A53098S	1.750	2.502	2.506	.250	02 BR 232 148 04	S	A54062	1.500	2.374	2.378	.500	01 R 224 132 08	L
A53100	2.500	3.251	3.256	.250	01 W 316 232 04	L	A54062S	1.500	2.374	2.378	.500	05 RS 224 132 08	S
A53104S	2.500	3.000	3.005	.250	05 BR 300 232 04	S	A54066	1.375	2.437	2.441	.469	01 R 228 124 07.5	L
A53106	2.125	2.875	2.879	.250	01 W 256 208 04	L	A54067	1.437	2.437	2.441	.469	01 R 228 128 07.5	L
A53107	1.625	2.623	2.627	.250	01 W 240 140 04	L	A54068	1.500	2.437	2.441	.469	01 R 228 132 07.5	L
A53108	1.187	1.996	2.000	.250	01 W 200A 112 04	L	A54069	1.562	2.437	2.441	.469	01 R 228 136 07.5	L
A53113	.656	1.250	1.254	.250	01 W 116 042 04	L	A54070	1.593	2.437	2.441	.469	01 R 228 138 07.5	L
A53115	1.250	2.254	2.258	.250	01 W 216B 116 04	L	A54071	1.625	2.437	2.441	.469	01 R 228 140 07.5	L
A53116S	1.250	1.874	1.878	.250	05 BR 156 116 04	S	A54071S	1.625	2.437	2.441	.469	04 RS 228 140 07.5	S
A53118	1.250	2.282	2.286	.250	01 W 218 116 04	L	A54072	1.500	2.502	2.506	.500	01 R 232 132 08	L
A53119	1.312	2.282	2.286	.250	01 W 218 120 04	L	A54072S	1.500	2.502	2.506	.500	05 RS 232 132 08	S
A53120	.875	1.575	1.579	.250	01 W 137 056 04	L	A54074	1.625	2.623	2.627	.500	01 R 240 140 08	L
A53124	1.468	1.847	1.851	.250	01 W 155A 130 04	L	A54075	1.750	2.623	2.627	.500	01 R 240 148 08	L
A53126	2.093	3.151	3.156	.250	01 W 310D 206 04	L	A54077	1.875	2.623	2.627	.500	01 R 240 156 08	L
A53131	2.250	3.442	3.447	.250	01 W 328B 216 04	L	A54080	1.687	2.686	2.690	.500	01 R 244 144 08	L
A53132	1.953	2.964	2.968	.250	01 W 262B 161 04	L	A54081	1.718	2.686	2.690	.500	01 R 244 146 08	L

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A54082	1.750	2.686	2.690	.500	01 R 244 148 08	L	A54178	1.312	2.250	2.254	.500	01 R 216 120 08	L
A54083	1.500	2.758	2.762	.500	01 R 248A 132 08	L	A54180	1.375	2.250	2.254	.500	01 R 216 124 08	L
A54084	1.625	2.875	2.879	.469	01 R 256 140 07.5	L	A54182	1.437	2.250	2.254	.500	01 R 216 128 08	L
A54086	1.687	2.875	2.879	.469	01 R 256 144 07.5	L	A54188	1.250	2.106	2.110	.469	01 R 207 116 07.5	L
A54088	1.875	2.875	2.879	.469	01 R 256 156 07.5	L	A54190	1.312	2.106	2.110	.469	01 R 207 120 07.5	L
A54089	2.000	2.875	2.879	.469	01 R 256 200 07.5	L	A54193	1.750	2.750	2.754	.500	01 R 248 148 08	L
A54091	1.875	2.996	3.001	.500	01 R 300A 156 08	L	A54195	.937	1.499	1.503	.391	02 R 132 060 06.25	L
A54093	2.000	2.996	3.001	.500	01 R 300A 200 08	L	A54196	1.562	2.502	2.506	.500	01 R 232 136 08	L
A54096S	1.750	3.189	3.194	.469	04 RS 312 148 07.5	S	A54197	1.687	2.750	2.754	.500	01 R 248 144 08	L
A54100	1.875	3.189	3.194	.469	01 R 312 156 07.5	L	A54198	1.000	2.062	2.066	.438	01 R 204 100 07	L
A54102	1.937	3.189	3.194	.438	01 R 312 160 07	L	A54200	1.062	1.561	1.565	.375	02 R 136 104 06	L
A54103	2.000	3.189	3.194	.438	01 R 312 200 07	L	A54201	1.125	1.752	1.756	.438	01 R 148 108 07	L
A54104	2.062	3.189	3.194	.438	01 R 312 204 07	L	A54201S	1.125	1.752	1.756	.375	04 RS 148 108 06	S
A54105	2.125	3.350	3.355	.469	01 R 323 208 07.5	L	A54202	1.500	2.561	2.565	.500	01 R 236 132 08	L
A54106	2.187	3.350	3.355	.469	01 R 323 212 07.5	L	A54204	2.250	3.061	3.066	.438	01 R 304 216 07	L
A54107	2.250	3.350	3.355	.469	01 R 323 216 07.5	L	A54206	1.625	2.502	2.506	.500	01 R 232 140 08	L
A54108	2.312	3.350	3.355	.469	01 R 323 220 07.5	L	A54206S	1.625	2.502	2.506	.500	05 RS 232 140 08	S
A54109	2.375	3.350	3.355	.469	01 R 323 224 07.5	L	A54207S	.312	.999	1.003	.375	04 RS 100 020 06	S
A54111	2.000	3.371	3.376	.469	01 R 324 200 07.5	L	A54209	.375	.999	1.003	.375	02 R 100 024 06	L
A54112	2.375	3.481	3.486	.500	01 R 331 224 08	L	A54209S	.375	.999	1.003	.375	04 RS 100 024 06	S
A54113	2.437	3.481	3.486	.500	01 R 331 228 08	L	A54211	.406	.999	1.003	.375	02 R 100 026 06	L
A54123	2.125	2.996	3.001	.500	01 R 300A 208 08	L	A54212	.437	.999	1.003	.375	02 R 100 028 06	L
A54125	1.812	2.875	2.879	.500	01 R 256 152 08	L	A54212S	.437	.999	1.003	.375	04 RS 100 028 06	S
A54126	1.875	2.750	2.754	.500	01 R 248 156 08	L	A54216	.562	.999	1.003	.375	02 R 100 036 06	L
A54126S	1.875	2.750	2.754	.500	05 RS 248 156 08	S	A54216S	.562	.999	1.003	.375	04 RS 100 036 06	S
A54127	1.812	2.750	2.754	.500	01 R 248 152 08	L	A54217	.781	1.375	1.379	.406	02 R 124 050 06.5	L
A54128	.500	.999	1.003	.375	02 R 100 032 06	L	A54217S	.781	1.375	1.379	.406	05 RS 124 050 06.5	S
A54128S	.500	.999	1.003	.375	04 RS 100 032 06	S	A54218	.812	1.375	1.379	.406	02 R 124 052 06.5	L
A54130	1.000	1.499	1.503	.391	02 R 132 100 06.25	L	A54218S	.812	1.375	1.379	.313	05 RS 124 052 05	S
A54132	2.125	3.189	3.194	.438	01 R 312 208 07	L	A54219	.687	1.499	1.503	.313	01 R 132 044 05	L
A54132S	2.125	3.189	3.194	.469	04 RS 312 208 07.5	S	A54222	.968	1.499	1.503	.391	02 R 132 062 06.25	L
A54133	1.437	2.623	2.627	.500	01 R 240 128 08	L	A54222S	.968	1.499	1.503	.313	04 RS 132 062 05	S
A54139	2.250	3.371	3.376	.469	01 R 324 216 07.5	L	A54224	1.062	1.499	1.503	.391	02 R 132 104 06.25	L
A54141	2.312	3.371	3.376	.469	01 R 324 220 07.5	L	A54225	.750	1.624	1.628	.438	01 R 140 048 07	L
A54142	1.375	2.125	2.129	.438	02 R 208 124 07	L	A54226	.781	1.624	1.628	.438	01 R 140 050 07	L
A54142S	1.375	2.125	2.129	.438	05 RS 208 124 07	S	A54229	.875	1.624	1.628	.438	01 R 140 056 07	L
A54143	1.500	2.250	2.254	.500	01 R 216 132 08	L	A54231S	.937	1.624	1.628	.313	04 RS 140 060 05	S
A54144	.687	1.124	1.128	.375	02 R 108 044 06	L	A54233	1.000	1.624	1.628	.438	01 R 140 100 07	L
A54145	1.937	2.686	2.690	.500	01 R 244 160 08	L	A54233S	1.000	1.624	1.628	.250	04 BRS 140 100 04	S
A54145S	1.937	2.686	2.690	.500	05 RS 244 160 08	S	A54244	1.000	1.752	1.756	.438	02 R 148 100 07	L
A54146	2.187	2.996	3.001	.500	01 R 300A 212 08	L	A54244S	1.000	1.752	1.756	.438	04 RS 148 100 07	S
A54148	.750	1.250	1.254	.375	02 R 116 048 06	L	A54249	1.000	1.874	1.878	.438	01 R 156 100 07	L
A54148S	.750	1.250	1.254	.375	05 RS 116 048 06	S	A54253	1.125	1.874	1.878	.438	01 R 156 108 07	L
A54150	1.562	2.561	2.565	.500	01 R 236 136 08	L	A54253S	1.125	1.874	1.878	.438	04 RS 156 108 07	S
A54151	1.437	2.502	2.506	.500	01 R 232 128 08	L	A54257	1.125	2.062	2.066	.438	01 R 204 108 07	L
A54152	1.937	2.996	3.001	.500	01 R 300A 160 08	L	A54257S	1.125	2.062	2.066	.438	04 RS 204 108 07	S
A54155	2.000	3.061	3.066	.438	01 R 304 200 07	L	A54260	1.250	2.062	2.066	.438	01 R 204 116 07	L
A54157	1.250	1.983	1.987	.500	02 R 163 116 08	L	A54261	1.250	2.125	2.129	.438	01 R 208 116 07	L
A54159	1.125	1.561	1.565	.375	02 R 136 108 06	L	A54264	1.312	2.125	2.129	.438	01 R 208 120 07	L
A54160	1.187	2.125	2.129	.438	01 R 208 112 07	L	A54271	1.531	2.502	2.506	.500	01 R 232 134 08	L
A54162	1.375	2.106	2.110	.469	02 R 207 124 07.5	L	A54272	1.593	2.502	2.506	.500	01 R 232 138 08	L
A54163	1.687	2.502	2.506	.500	01 R 232 144 08	L	A54278	1.687	2.623	2.627	.500	01 R 240 144 08	L
A54164	1.750	2.758	2.762	.500	01 R 248A 148 08	L	A54282	1.781	2.686	2.690	.500	01 R 244 150 08	L
A54165	.375	.875	.879	.313	02 R 056 024 05	L	A54283	1.812	2.686	2.690	.500	01 R 244 152 08	L
A54166	1.000	2.000	2.004	.438	01 R 200 100 07	L	A54287	1.593	2.758	2.762	.500	01 R 248A 138 08	L
A54169	1.125	2.000	2.004	.438	01 R 200 108 07	L	A54295	1.875	2.758	2.762	.500	01 R 248A 156 08	L
A54171	1.187	2.000	2.004	.438	01 R 200 112 07	L	A54297	1.781	2.750	2.754	.500	01 R 248 150 08	L
A54173	1.250	2.000	2.004	.438	01 R 200 116 07	L	A54298	1.625	2.750	2.754	.500	01 R 248 140 08	L
A54173S	1.250	2.000	2.004	.250	04 BRS 200 116 04	S	A54302	1.750	2.875	2.879	.469	01 R 256 148 07.5	L
A54176	1.250	2.250	2.254	.500	01 R 216 116 08	L	A54302S	1.750	2.875	2.879	.500	04 RS 256 148 08	S

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A54306	1.937	2.875	2.879	.469	01 R 256 160 07.5	L	A54429	1.375	2.716	2.720	.469	01 R 246B 124 07.5	L
A54309	1.875	3.000	3.005	.500	01 R 300 156 08	L	A54432	1.500	2.750	2.754	.500	01 R 248 132 08	L
A54311	1.937	3.000	3.005	.500	01 R 300 160 08	L	A54441S	.437	.875	.879	.250	04 BRS 056 028 04	S
A54312	2.000	3.000	3.005	.500	01 R 300 200 08	L	A54442	1.968	2.686	2.690	.500	01 R 244 162 08	L
A54314	2.125	3.000	3.005	.500	01 R 300 208 08	L	A54443	1.968	2.875	2.879	.469	01 R 256 162 07.5	L
A54314S	2.125	3.000	3.005	.500	05 RS 300 208 08	S	A54444	1.500	2.441	2.445	.469	01 R 228A 132 07.5	L
A54318	2.062	3.061	3.066	.500	01 R 304 204 08	L	A54444S	1.500	2.441	2.445	.469	04 RS 228A 132 07.5	S
A54319	2.125	3.061	3.066	.500	01 R 304 208 08	L	A54447	1.687	2.437	2.441	.469	02 R 228 144 07.5	L
A54319S	2.125	3.061	3.066	.500	05 RS 304 208 08	S	A54448	1.375	1.828	1.832	.375	02 R 153 124 06	L
A54320	1.937	3.125	3.130	.500	01 R 308 160 08	L	A54450	1.156	1.828	1.832	.438	02 R 153 110 07	L
A54321	2.000	3.125	3.130	.500	01 R 308 200 08	L	A54452	2.593	3.481	3.486	.500	01 R 331 238 08	L
A54323	2.125	3.125	3.130	.500	01 R 308 208 08	L	A54455	1.500	2.686	2.690	.500	01 R 244 132X 08	L
A54326	2.187	3.251	3.256	.500	01 R 316 212 08	L	A54460	1.375	3.350	3.355	.469	01 R 323 124 07.5	L
A54327	2.250	3.251	3.256	.500	01 R 316 216 08	L	A54462	1.750	2.502	2.506	.375	01 R 232 148 06	L
A54328	2.312	3.251	3.256	.500	01 R 316 220 08	L	A54463	2.500	3.350	3.355	.469	01 R 323 232 07.5	L
A54338	1.187	1.686	1.690	.375	02 R 144 112 06	L	A54471S	1.375	2.623	2.627	.500	04 RS 240 124 08	S
A54339	2.625	3.350	3.355	.469	02 R 323 240 07.5	L	A54473	.718	1.250	1.254	.375	02 R 116 046 06	L
A54340	2.500	3.371	3.376	.469	01 R 324 232 07.5	L	A54481	2.500	3.251	3.256	.500	01 R 316 232 08	L
A54342	1.125	2.437	2.441	.469	01 R 228 108 07.5	L	A54483	2.250	3.000	3.005	.500	01 R 300 216 08	L
A54345	1.187	2.250	2.254	.500	01 R 216 112 08	L	A54483S	2.250	3.000	3.005	.500	05 RS 300 216 08	S
A54348	1.250	2.714	2.718	.469	01 R 246A 116 07.5	L	A54484	1.312	1.874	1.878	.438	02 R 156 120 07	L
A54352	1.187	2.437	2.441	.469	01 R 228 112 07.5	L	A54485	1.375	2.000	2.004	.438	02 R 200 124 07	L
A54354	2.375	3.371	3.376	.469	01 R 324 224 07.5	L	A54485S	1.375	2.000	2.004	.438	04 RS 200 124 07	S
A54355	1.750	2.437	2.441	.469	01 R 228 148 07.5	L	A54489	1.500	1.983	1.987	.500	02 R 163 132 08	L
A54356	1.750	2.502	2.506	.500	01 R 232 148 08	L	A54489S	1.500	1.983	1.987	.500	04 RS 163 132 08	S
A54356S	1.750	2.502	2.506	.500	05 RS 232 148X 08	S	A54500	1.500	3.189	3.194	.438	01 R 312 132 07	L
A54358	2.187	3.189	3.194	.438	01 R 312 212 07	L	A54501	1.000	1.752	1.756	.313	02 R 148 100 05	L
A54360	1.250	1.686	1.690	.375	02 R 144 116 06	L	A54504	1.500	2.250	2.254	.375	01 R 216 132 06	L
A54362	1.625	2.374	2.378	.500	02 R 224 140 08	L	A54506	2.375	3.125	3.130	.500	01 R 308 224 08	L
A54362S	1.625	2.374	2.378	.250	03 BRS 224 140 04	S	A54506S	2.375	3.125	3.130	.500	05 RS 308 224 08	S
A54364	2.000	2.686	2.690	.500	01 R 244 200 08	L	A54507	1.000	1.499	1.503	.313	02 R 132 100 05	L
A54365	1.750	2.561	2.565	.500	01 R 236 148 08	L	A54507S	1.000	1.499	1.503	.313	04 RS 132 100 05	S
A54369	2.125	2.875	2.879	.469	01 R 256 208 07.5	L	A54510	2.468	3.350	3.355	.469	01 R 323 230 07.5	L
A54373	.500	.875	.879	.313	02 R 056 032 05	L	A54511	.875	1.375	1.379	.313	02 R 124 056 05	L
A54374	2.062	2.875	2.879	.500	01 R 256 204 08	L	A54511S	.875	1.375	1.379	.313	04 RS 124 056 05	S
A54376	1.765	2.412	2.416	.469	01 R 227 149 07.5	L	A54513	1.375	2.000	2.004	.328	02 R 200 124 05.25	L
A54379	1.500	1.983	1.987	.438	02 R 163 132 07	L	A54515	2.375	3.251	3.256	.500	01 R 316 224 08	L
A54380	.375	.749	.753	.250	02 R 048 024 04	L	A54520	.812	1.499	1.503	.313	02 R 132 052 05	L
A54382	2.000	2.750	2.754	.500	01 R 248 200 08	L	A54523S	1.687	2.835	2.839	.469	05 RS 254A 144 07.5	S
A54385	1.500	2.125	2.129	.438	02 R 208 132 07	L	A54524	1.812	2.890	2.894	.500	01 R 257 152 08	L
A54385S	1.500	2.125	2.129	.438	04 RS 208 132 07	S	A54526	1.062	1.686	1.690	.375	02 R 144 104 06	L
A54386	1.375	1.874	1.878	.438	02 R 156 124 07	L	A54528	.750	1.874	1.878	.375	01 R 156 048 06	L
A54388	.875	1.375	1.379	.406	02 R 124 056 06.5	L	A54529S	1.000	1.499	1.503	.375	04 RS 132 100 06	S
A54389	1.750	2.250	2.254	.500	02 R 216 148 08	L	A54531	2.156	3.189	3.194	.469	01 R 312 210 07.5	L
A54391	1.375	2.282	2.286	.500	01 R 218 124 08	L	A54536	2.218	3.350	3.355	.469	01 R 323 214 07.5	L
A54392	1.375	2.062	2.066	.438	01 R 204 124 07	L	A54537	1.375	2.441	2.445	.469	01 R 228A 124 07.5	L
A54392S	1.375	2.062	2.066	.438	04 RS 204 124 07	S	A54543	.656	1.375	1.379	.313	02 R 124 042 05	L
A54396	1.937	2.412	2.416	.469	02 R 227 160 07.5	L	A54544	1.250	2.000	2.004	.375	01 R 200 116 06	L
A54397	2.000	2.623	2.627	.500	02 R 240 200 08	L	A54546	.750	1.250	1.254	.313	02 R 116 048 05	L
A54412	2.250	3.125	3.130	.500	01 R 308 216 08	L	A54547S	.875	1.499	1.503	.250	06 BRS 132 056 04	S
A54414	.250	.749	.753	.250	02 R 048 016 04	L	A54550	2.250	3.189	3.194	.500	01 R 312 216 08	L
A54417	2.250	2.996	3.001	.500	01 R 300A 216 08	L	A54556R	2.609	3.350	3.355	.375	99 RS 323 239X 06C *	R
A54417S	2.250	2.996	3.001	.500	05 RS 300A 216 08	S	A54557	2.250	3.189	3.194	.438	01 R 312 216 07	L
A54419	1.375	2.502	2.506	.500	01 R 232 124 08	L	A54558	1.437	2.686	2.690	.500	01 R 244 128 08	L
A54419S	1.375	2.502	2.506	.500	05 RS 232 124 08	S	A54562	1.375	2.686	2.690	.500	01 R 244 124 08	L
A54423	1.000	1.561	1.565	.375	02 R 136 100 06	L	A54579	1.937	3.623	3.628	.500	01 R 340 160 08	L
A54423S	1.000	1.561	1.565	.375	04 RS 136 100 06	S	A54580S	2.125	2.875	2.879	.438	05 RS 256 208 07	S
A54424	1.500	2.062	2.066	.438	02 R 204 132 07	L	A54582	2.156	3.251	3.256	.500	01 R 316 210 08	L
A54424S	1.500	2.062	2.066	.438	04 RS 204 132 07	S	A54584	.312	.687	.691	.313	02 R 044 020 05	L
A54426	1.437	2.125	2.129	.438	02 R 208 128 07	L	A54584S	.312	.687	.691	.250	05 BR 044 020 04	S

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL ^o	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL ^o
A54586	.750	1.375	1.379	.313	01 R 124 048 05	L	A56043S	4.062	5.501	5.506	.563	05 RS 532 404 09	S
A54589S	.984	1.575	1.579	.438	05 RS 137 063 07	S	A56046	4.250	5.501	5.506	.563	01 R 532 416 09	L
A54593	1.875	2.996	3.001	.484	01 R 300A 156 07.75	L	A56047	4.000	5.751	5.756	.563	01 R 548 400 09	L
A54598	1.218	2.062	2.066	.375	01 R 204 114 06	L	A56049	4.125	5.751	5.756	.563	01 R 548 408 09	L
A54598S	1.218	2.062	2.066	.250	01 BR 204 114 04	S	A56055	4.500	5.751	5.756	.563	01 R 548 432 09	L
A54602	2.375	3.481	3.486	.438	01 R 331 224 07	L	A56057	4.625	5.751	5.756	.563	01 R 548 440 09	L
A54606	.750	1.499	1.503	.375	01 R 132 048 06	L	A56059	4.750	5.751	5.756	.563	01 R 548 448 09	L
A54608	1.750	2.623	2.627	.375	01 R 240 148 06	L	A56060	4.000	6.251	6.256	.563	01 R 616 400 09	L
A54620P	1.875	3.251	3.256	.500	05 RS 316 156 08C	P	A56064	4.187	6.251	6.256	.563	01 R 616 412 09	L
A54621	1.250	1.752	1.756	.375	02 R 148 116 06	L	A56065	4.250	6.251	6.256	.563	01 R 616 416 09	L
A54623P	1.906	3.189	3.194	.500	05 RS 312 158 08C	P	A56067	4.375	6.251	6.256	.563	01 R 616 424 09	L
A54624	1.500	2.502	2.506	.438	01 R 232 132 07	L	A56069	4.500	6.253	6.258	.563	01 R 616B 432 09	L
A54625	1.125	1.624	1.628	.313	02 R 140 108 05	L	A56070	4.562	6.251	6.256	.563	01 R 616 436 09	L
A54625S	1.125	1.624	1.628	.313	04 RS 140 108 05	S	A56071	4.625	6.251	6.256	.563	01 R 616 440 09	L
A54626	2.375	3.623	3.628	.438	01 R 340 224 07	L	A56076	4.937	6.251	6.256	.563	01 R 616 460 09	L
A54628	1.156	1.752	1.756	.375	02 R 148 110 06	L	A56077	5.000	6.251	6.256	.563	01 R 616 500 09	L
A54630	1.171	2.031	2.035	.375	01 R 202 111 06	L	A56079	6.000	7.500	7.508	.563	01 R 732 600 09	L
A54631	1.062	1.499	1.503	.313	02 R 132 104 05	L	A56080	5.500	6.751	6.757	.625	01 R 648 532 10	L
A54633	1.375	2.031	2.035	.375	02 R 202 124 06	L	A56082	5.875	7.125	7.131	.625	01 R 708 556 10	L
A54634	1.171	2.227	2.231	.500	01 R 215A 111 08	L	A56083	11.500	13.502	13.510	.750	02 R 1332 1132 12	L
A54635	1.359	2.081	2.085	.375	02 R 205B 123 06	L	A56084	11.500	13.000	13.008	.750	02 R 1300 1132 12	L
A54636	2.812	4.249	4.254	.469	02 R 416 252 07.5	L	A56086	2.500	3.751	3.756	.500	01 R 348 232 08	L
A54637	1.328	2.062	2.066	.375	01 R 204 121 06	L	A56087	2.125	3.623	3.628	.469	01 R 340 208 07.5	L
A56003	2.437	3.543	3.548	.500	01 R 335 228 08	L	A56088	2.500	3.876	3.881	.469	01 R 356 232 07.5	L
A56004	2.500	3.543	3.548	.500	01 R 335 232 08	L	A56091	3.312	4.499	4.504	.469	01 R 432A 320 07.5	L
A56005	2.562	3.623	3.628	.469	01 R 340 236 07.5	L	A56092	3.000	4.249	4.254	.469	01 R 416 300 07.5	L
A56006	2.625	3.623	3.628	.469	01 R 340 240 07.5	L	A56096	4.875	6.002	6.007	.625	01 R 600 456 10	L
A56006P	2.625	3.623	3.628	.500	05 RS 340 240 08C	P	A56096S	4.875	6.002	6.007	.563	03 BRS 600 456 09	S
A56008	2.750	3.751	3.756	.500	01 R 348 248 08	L	A56098	2.250	3.500	3.505	.500	01 R 332 216 08	L
A56009	2.812	3.751	3.756	.500	01 R 348 252 08	L	A56098S	2.250	3.500	3.505	.500	05 RS 332 216 08	S
A56010	2.875	3.751	3.756	.500	01 R 348 256 08	L	A56101	2.375	3.500	3.505	.500	01 R 332 224 08	L
A56010S	2.875	3.751	3.756	.500	05 RS 348 256 08	S	A56102	2.437	3.500	3.505	.500	01 R 332 228 08	L
A56011	2.625	3.876	3.881	.469	01 R 356 240 07.5	L	A56103	2.562	3.500	3.505	.500	01 R 332 236 08	L
A56013	2.687	3.876	3.881	.469	01 R 356 244 07.5	L	A56104	2.750	4.249	4.254	.625	01 R 416 248 10	L
A56014	2.750	3.876	3.881	.469	01 R 356 248 07.5	L	A56105	5.250	6.500	6.506	.625	01 R 632 516 10	L
A56015	2.812	3.876	3.881	.469	01 R 356 252 07.5	L	A56111	6.375	7.877	7.883	.750	02 R 756 624 12	L
A56016	2.875	4.003	4.008	.469	01 R 400 256 07.5	L	A56112	6.500	8.000	8.009	.750	01 R 800 632 12	L
A56017	2.937	4.003	4.008	.469	01 R 400 260 07.5	L	A56115	6.875	8.377	8.384	.750	02 R 824 656 12	L
A56018	3.000	4.003	4.008	.469	01 R 400 300 07.5	L	A56123	8.000	10.002	10.009	.750	02 R 1000A 800 12	L
A56018S	3.000	4.003	4.008	.469	05 RS 400 300 07.5	S	A56133	2.250	3.481	3.486	.500	01 R 331 216 08	L
A56020	3.000	4.249	4.254	.625	01 R 416 300 10	L	A56134	3.250	4.501	4.506	.469	01 R 432 316 07.5	L
A56022	3.125	4.249	4.254	.625	01 R 416 308 10	L	A56134S	3.250	4.499	4.504	.469	05 RS 432A 316 07.5	S
A56023	3.187	4.249	4.254	.625	01 R 416 312 10	L	A56137	4.125	5.251	5.256	.500	01 R 516 408 08	L
A56024	3.250	4.249	4.254	.625	01 R 416 316 10	L	A56139	3.125	4.501	4.506	.469	01 R 432 308 07.5	L
A56025	3.000	4.999	5.004	.469	01 R 500 300 07.5	L	A56140	3.500	4.499	4.504	.469	01 R 432A 332 07.5	L
A56027	3.125	4.999	5.004	.469	01 R 500 308 07.5	L	A56140S	3.500	4.499	4.504	.469	05 RS 432A 332 07.5	S
A56028	3.187	4.999	5.004	.469	01 R 500 312 07.5	L	A56141	2.500	3.500	3.505	.500	01 R 332 232 08	L
A56029	3.250	4.999	5.004	.469	01 R 500 316 07.5	L	A56141S	2.500	3.500	3.505	.438	05 RS 332 232 07	S
A56030	3.312	4.999	5.004	.469	01 R 500 320 07.5	L	A56142	3.875	5.251	5.256	.469	01 R 516 356 07.5	L
A56031	3.375	4.999	5.004	.469	01 R 500 324 07.5	L	A56143	2.625	3.751	3.756	.500	01 R 348 240 08	L
A56033	3.500	4.999	5.004	.469	01 R 500 332 07.5	L	A56145	2.687	3.751	3.756	.500	01 R 348 244 08	L
A56034	3.562	4.999	5.004	.469	01 R 500 336 07.5	L	A56148	3.000	4.125	4.130	.563	01 R 408 300 09	L
A56035	3.625	4.999	5.004	.469	01 R 500 340 07.5	L	A56149	3.062	4.125	4.130	.563	01 R 408 304 09	L
A56036	3.687	4.999	5.004	.469	01 R 500 344 07.5	L	A56150	3.125	4.125	4.130	.563	01 R 408 308 09	L
A56037	3.750	4.999	5.004	.469	01 R 500 348 07.5	L	A56152S	3.000	4.376	4.381	.625	04 RS 424 300 10	S
A56039	3.875	4.999	5.004	.469	01 R 500 356 07.5	L	A56153	3.125	4.376	4.381	.625	01 R 424 308 10	L
A56040	3.937	4.999	5.004	.469	01 R 500 360 07.5	L	A56157	3.375	4.376	4.381	.625	01 R 424 324 10	L
A56041	4.000	4.999	5.004	.469	01 R 500 400 07.5	L	A56162	3.500	4.626	4.631	.625	01 R 440 332 10	L
A56042	4.000	5.501	5.506	.563	01 R 532 400 09	L	A56164	3.625	4.626	4.631	.625	01 R 440 340 10	L
A56043	4.062	5.501	5.506	.563	01 R 532 404 09	L	A56165	3.500	4.751	4.756	.625	01 R 448 332 10	L

• For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A56167	3.625	4.751	4.756	.625	01 R 448 340 10	L	A56464	3.125	4.626	4.631	.563	01 R 440 308 09	L
A56169	3.750	4.751	4.756	.625	01 R 448 348 10	L	A56467	2.625	3.439	3.444	.500	01 R 328A 240 08	L
A56171	3.875	4.751	4.756	.625	01 R 448 356 10	L	A56469	4.375	6.252	6.257	.625	01 R 616A 424 10	L
A56173	3.625	4.876	4.881	.625	01 R 456 340 10	L	A56470	2.750	3.876	3.881	.500	01 R 356 248 08	L
A56177S	3.875	4.876	4.881	.625	05 RS 456 356 10	S	A56477	5.125	6.251	6.256	.563	02 R 616 508 09	L
A56180	4.000	5.126	5.131	.625	01 R 508 400 10	L	A56485	2.375	3.601	3.606	.438	01 R 339B 224 07	L
A56183	4.000	5.251	5.256	.625	01 R 516 400 10	L	A56486	3.437	4.756	4.761	.563	01 R 448A 328 09	L
A56186	4.250	5.251	5.256	.469	01 R 516 416 07.5	L	A56487	2.375	3.876	3.881	.469	01 R 356 224 07.5	L
A56187	4.250	5.374	5.379	.500	01 R 524 416 08	L	A56489	3.468	4.626	4.631	.563	01 R 440 330 09	L
A56187S	4.250	5.376	5.381	.500	01 T 524B 416 08	S	A56942S	3.750	4.751	4.756	.484	05 RS 448 348 07.75	S
A56190	4.500	5.501	5.506	.563	01 R 532 432 09	L	A57520S	1.125	1.625	1.629	.250	03 BRS 140B 108 04	S
A56191	4.000	6.001	6.006	.625	01 R 600A 400 10	L	A60801S	.687	1.250	1.254	.250	03 BRS 116 044 04	S
A56202	4.750	6.001	6.006	.625	01 R 600A 448 10	L	A61161	2.125	2.890	2.894	.250	01 W 257 208 04	L
A56204	4.937	6.002	6.007	.625	01 R 600 460 10	L	A61840S	.812	1.250	1.254	.313	05 RS 116 052 05	S
A56205	4.875	6.127	6.132	.625	01 R 608 456 10	L	A62701P	1.875	2.500	2.504	.438	01 TK 232A 156 07C	P
A56208	9.375	11.377	11.385	1.000	02 R 1124 924 16	L	A63101	2.180	3.000	3.005	.500	01 GF 300 212X 08	F
A56221	2.250	3.623	3.628	.469	01 R 340 216 07.5	L	A63102	2.500	3.505	3.510	.250	01 F 332A 232 04	F
A56226	2.562	3.751	3.756	.500	01 R 348 236 08	L	A63140	1.828	2.570	2.574	.250	99 W 237A 153 04 *	L
A56227	3.125	4.751	4.756	.625	01 R 448 308 10	L	A63161	1.750	2.527	2.531	.343	01 F 234A 148 05.5	F
A56231	3.375	4.688	4.693	.500	01 R 444 324 08	L	A63201S	1.625	2.531	2.535	.750	99 RMSW 234 140 12 *	S
A56250	3.687	5.501	5.506	.563	01 R 532 344 09	L	A63202S	2.000	2.746	2.750	.219	99 WS 248C 200 03.5C *	S
A56254	5.500	6.500	6.506	.625	01 R 632 532 10	L	A63301S	1.687	2.608	2.612	.250	01 WS 239 144 04C	S
A56259	3.000	3.751	3.756	.500	01 R 348 300 08	L	A63601S	2.000	2.750	2.754	.375	06 RMS 248 200 06	S
A56262	2.375	4.003	4.008	.469	01 R 400 224 07.5	L	A63860S	.750	1.250	1.254	.313	04 RMSW 116 048 05	S
A56263	5.000	6.251	6.256	.625	01 R 616 500 10	L	A63901S	1.625	2.125	2.129	.250	06 BRS 208 140 04	S
A56270	6.500	7.500	7.506	.438	01 R 732 632 07	L	A63961	.937	1.734	1.738	.250	01 W 147 060 04	L
A56280	3.500	4.501	4.506	.625	01 R 432 332 10	L	A64101S	1.734	2.400	2.404	.188	01 B 226A 147 03	S
A56288	2.750	3.623	3.628	.469	01 R 340 248 07.5	L	A64161	2.875	3.751	3.756	.250	01 W 348 256 04	L
A56294	2.750	3.543	3.548	.500	01 R 335 248 08	L	A64201S	1.343	2.572	2.576	.719	99 EBRS 237B 122 11.5 *	S
A56300	3.375	4.501	4.506	.625	01 R 432 324 10	L	A64202S	1.399	2.292	2.296	.516	99 BRSW 219A 125X 08.25 *	S
A56305	3.187	4.499	4.504	.469	01 R 432A 312 07.5	L	A64220	1.365	2.260	2.264	.406	01 R 217A 124X 06.5	L
A56316	2.125	3.543	3.548	.500	01 R 335 208 08	L	A64360S	1.250	2.250	2.254	.313	99 T 216 116 05 *	S
A56320	3.125	4.003	4.008	.469	01 R 400 308 07.5	L	A64401P	1.656	2.656	2.660	.406	01 TW 242 142 06.5C	P
A56321	2.875	3.876	3.881	.469	01 R 356 256 07.5	L	A64402P	1.521	2.656	2.660	.594	99 BRSW 242 133X 09.5C *	P
A56327	2.750	3.500	3.505	.500	01 R 332 248 08	L	A64501R	1.875	2.758	3.063	.438	99 FLG 248A 156 07C *	R
A56327S	2.750	3.500	3.505	.500	04 RS 332 248 08	S	A64503S	1.562	2.374	2.378	.406	06 BRS 224 136 06.5	S
A56331	2.625	3.500	3.505	.500	01 R 332 240 08	L	A64520S	1.375	1.875	1.879	.250	04 BRS 156B 124 04	S
A56332	2.500	3.623	3.628	.469	01 R 340 232 07.5	L	A64540S	3.500	4.501	4.506	.469	05 RS 432 332 07.5	S
A56336	5.000	6.500	6.507	.625	01 R 632 500 10	L	A64601S	2.000	2.880	2.884	.391	01 TW 256A 200 06.25	S
A56337	4.687	5.751	5.756	.563	01 R 548 444 09	L	A64901S	.750	1.160	1.164	.250	06 RMS 110A 048 04	S
A56337S	4.687	5.751	5.756	.563	05 RS 548 444 09	S	A64960S	1.062	1.686	1.690	.313	06 RMSW 144 104 05	S
A56338	3.750	4.751	4.756	.500	01 R 448 348 08	L	A64962S	1.000	1.250	1.254	.250	99 BW 116 100 04 *	S
A56338S	3.750	4.751	4.756	.500	05 RS 448 348 08	S	A64963S	2.375	3.112	3.117	.500	01 TKW 307A 224 08	S
A56342	2.937	3.751	3.756	.500	01 R 348 260 08	L	A64964S	.500	.687	.691	.125	99 EB 044 032X 02 *	S
A56361	2.687	3.500	3.505	.500	01 R 332 244 08	L	A64965S	2.500	3.251	3.256	.375	06 RMS 316 232 06	S
A56368	5.250	6.251	6.256	.438	01 R 616 516 07	L	A64966	3.375	4.125	4.130	.250	01 W 408 324 04	L
A56372	5.375	6.500	6.506	.625	01 R 632 524 10	L	A64968S	2.625	3.623	3.628	.375	01 T 340 240 06	S
A56401	2.843	3.939	3.944	.500	01 R 360A 254 08	L	A65103S	2.512	3.505	3.510	.281	01 BW 332A 233X 04.5	S
A56403	4.000	5.374	5.379	.500	01 R 524 400 08	L	A65120S	2.000	2.625	2.629	.250	01 B 240A 200 04C	S
A56404	4.000	5.626	5.631	.500	01 R 540 400 08	L	A65121S	3.500	4.450	4.455	.313	99 WS 429 332 05 *	S
A56404S	4.000	5.626	5.631	.500	05 RS 540 400 08	S	A65201S	1.625	2.575	2.579	.516	99 RMSW 237C 140X 08.25 *	S
A56416	3.875	5.126	5.131	.625	01 R 508 356 10	L	A65202S	1.531	2.713	2.717	.500	01 T 246 134 08	S
A56430S	3.937	5.501	5.506	.563	05 RS 532 360 09	S	A65240S	1.906	2.434	2.438	.250	05 BR 228B 158 04	S
A56434	3.875	5.691	5.696	.750	01 R 544 356 12	L	A65340S	1.550	2.686	2.690	.500	99 BRSW 244 135X 08 *	S
A56443	3.312	5.501	5.506	.563	01 R 532 320 09	L	A65360S	1.375	2.498	2.502	.313	99 T 232B 124 05 *	S
A56449	3.312	4.501	4.506	.625	01 R 432 320 10	L	A65401P	1.937	2.883	2.887	.500	04 BRSW 256C 160 08C	P
A56453	2.375	4.376	4.381	.625	01 R 424 224 10	L	A65402P	2.562	3.481	3.486	.500	01 TKW 331 236 08C	P
A56453S	2.375	4.376	4.381	.438	04 RS 424 224 07	S	A65501S	1.906	2.702	3.000	.531	99 FLG 245A 158 08.25 *	S
A56458	3.375	4.376	4.381	.500	01 R 424 324 08	L	A65502S	.500	.749	.754	.125	01 B 048 032 02	S
A56463	3.250	4.626	4.631	.500	01 R 440 316 08	L	A65520S	1.687	3.126	3.131	.500	01 TW 308B 144 08	S

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A65540S	1.498	2.046	2.050	.438	99 BRSW 203 132X 07 *	S	A80023S	1.125	1.752	1.758	.250	02 RO 148 108 04	S
A65601P	2.330	3.000	3.005	.406	06 RMS 300 221X 06.5C	P	A80027S	1.500	2.000	2.004	.250	01 BR 200 132 04	S
A65690S	12.250	14.252	14.260	1.016	01 TKW 1416 1216 16.25	S	A80032S	1.000	1.437	1.441	.250	01 BR 128 100 04	S
A65961	2.000	3.150	3.155	.500	01 R 310 200 08	L	A80037S	.437	.875	.879	.250	02 BR 056 028 04	S
A65961S	2.000	3.150	3.155	.500	05 RS 310 200 08	S	A80038S	1.375	1.828	1.832	.250	01 BR 153 124 04	S
A65962	1.968	2.686	2.690	.250	01 W 244 162 04	L	A80040S	.312	.625	.630	.156	01 EB 040 020 02.5	S
A65963S	1.125	1.828	1.832	.313	06 BRSW 153 108 05	S	A80042S	1.000	1.250	1.254	.125	01 B 116 100 02	S
A65964S	1.290	2.000	2.004	.313	04 RMSW 200 118X 05	S	A80043S	1.750	2.125	2.129	.188	01 BR 208 148 03	S
A65965S	1.687	2.502	2.506	.375	01 TW 232 144 06	S	A80044S	.875	1.124	1.128	.125	01 B 108 056 02	S
A65966S	2.750	4.125	4.130	.469	03 G3WS 408 248 07.5	S	A80045S	.750	.999	1.004	.125	01 B 100 048 02	S
A65968S	.750	1.499	1.503	.250	03 BRS 132 048 04	S	A80046S	1.250	1.499	1.503	.125	01 B 132 116 02	S
A65969	2.000	3.150	3.155	.500	01 F 310 200 08	F	A80049S	.750	1.062	1.066	.125	01 B 104 048 02	S
A65970	2.250	3.350	3.355	.250	01 W 323 216X 04C	L	A80052S	1.031	1.575	1.579	.250	06 BRS 137 102 04	S
A66101S	2.687	3.397	3.402	.250	99 GWS 326A 244 04 *	S	A81017	.984	2.125	2.129	.594	06 DW 208 063 09.5	LL
A66120S	1.937	3.000	3.005	.313	06 RMSW 300 160 05	S	A81018	2.875	3.751	3.756	.625	06 DW 348 256 10	LL
A66160	2.000	3.062		.500	04 E 304A 200 08	F	A81019	3.000	4.003	4.008	.625	06 DW 400 300 10	LL
A66161S	1.500	2.044	2.161	.375	99 FLG 203A 132 06 *	S	A81021	3.875	4.876	4.881	.625	06 DW 456 356 10	LL
A66201S	1.437	2.572	2.576	.719	99 EBR3 237B 128 11.5 *	S	A81041	1.687	2.502	2.506	.438	01 F 232 144 07	F
A66202S	2.187	3.000	3.005	.219	99 WS 300 212 03.5 *	S	A81046	.875	1.375	1.379	.313	01 F 124 056 05	F
A66204	4.156	5.501	5.506	.625	99 R 532 410 10 *	L	A81052	1.843	2.722	2.726	.250	01 F 246E 154 04	F
A66220	1.312	2.312	2.316	.406	01 R 220 120 06.5	L	A81054	1.843	2.400	2.404	.234	01 F 226A 154 03.75	F
A66340S	1.421	2.614	2.618	.500	99 BRSW 239A 127 08 *	S	A81066	3.125	4.175	4.180	.313	01 F 411A 308 05	F
A66401S	1.625	2.750	2.754	.219	99 T 248 140 03.5 *	S	A81067	3.250	4.500	4.505	.406	01 F 432B 316 06.5	F
A66402P	1.937	2.762	2.766	.500	04 BRSW 249A 160 08C	P	A81068	3.250	4.249	4.254	.375	01 F 416 316 06	F
A66501S	2.000	2.996	3.001	.375	01 T 300A 200 06	S	A81100S	.875	1.375	1.379	.313	04 BRSW 124 056 05	S
A67101S	2.000	2.561	2.565	.250	01 BR 236 200 04	S	A81101S	2.000	2.746	2.750	.375	06 RMS 248C 200 06	S
A68840S	.750	1.301	1.305	.313	04 RMSW 120C 048 05	S	A81102S	1.625	2.374	2.378	.250	03 RMS 224 140 04	S
A73015	1.750	2.783		.500	01 E 250 148 08	L	A81103S	.703	1.160	1.164	.250	06 RMS 110A 045 04	S
A73029	4.750	6.002		.500	01 E 600 448 08	L	A81104R	1.875	2.624	2.628	.375	06 RMS 240C 156 06C	R
A74003	1.625	2.437	2.441	.906	01 DT 228 140 14.5	LL	A81105R	1.500	2.250	2.254	.375	04 RMS 216 132 06C	R
A74004	1.500	2.502	2.506	.750	01 DT 232 132 12	LL	A81106S	2.000	2.561	2.565	.531	02 BTMS 236 200 08.5	S
A74008	1.375	2.106	2.110	.750	01 DT 207 124 12	LL	A83002S	1.000	1.499	1.503	.250	01 BR 132 100 04	S
A74012	2.500	3.500	3.505	.750	01 DT 332 232 12	LL	A83003S	1.500	2.250	2.254	.250	01 BR 216 132 04	S
A74013	2.875	3.751	3.756	1.000	01 DT 348 256 16	LL	A83004S	.750	1.250	1.254	.250	05 BR 116 048 04	S
A74014	2.312	3.500	3.505	.844	01 DT 332 220 13.5	LL	A83005S	1.125	1.561	1.565	.250	01 B 136 108 04	S
A74017	3.750	4.751	4.756	.875	01 DT 448 348 14	LL	A83010S	.750	1.625	1.629	.250	01 BR 140B 048 04	S
A74018	2.750	3.500	3.505	.938	01 DT 332 248 15	LL	A83011S	1.250	1.686	1.690	.250	05 BR 144 116 04	S
A74019	5.750	7.000	7.006	.938	01 DT 700 548 15	LL	A83012S	.312	.749	.753	.250	02 BR 048 020 04	S
A74021	2.937	4.003	4.008	.750	01 DT 400 260 12	LL	A83013S	.375	.749	.755	.250	02 RO 048 024 04	S
A75011S	1.000	1.561	1.565	.250	01 BR 136 100 04	S	A83014S	.875	1.375	1.379	.250	02 BR 124 056 04	S
A75013S	.484	.875	.879	.250	05 BR 056 031 04	S	A83015S	1.750	2.250	2.254	.250	01 BR 216 148 04	S
A75014S	.781	1.624	1.628	.188	01 T 140 050 03	S	A83016S	.875	1.312	1.316	.250	01 BR 120A 056 04	S
A75016S	4.687	6.002	6.007	.250	01 WS 600 444 04	S	A83019S	.875	1.250	1.254	.188	01 BR 116 056 03	S
A76011S	1.250	1.968	1.972	.469	02 GWS 162 116 07.5	S	A83020S	.750	1.124	1.128	.188	05 BR 108 048 03	S
A76012S	1.500	2.328	2.332	.406	02 GWS 221 132 06.5	S	A83022S	.625	.999	1.003	.250	01 B 100 040 04	S
A76013S	1.218	1.968	1.972	.469	02 GWS 162 114 07.5	S	A83024S	.937	1.375	1.379	.250	01 BR 124 060 04	S
A76014S	1.218	1.979	1.983	.406	02 GWS 163A 114 06.5	S	A83025S	.593	.937	.941	.188	01 B 060 038 03	S
A76015S	1.250	1.979	1.983	.406	02 GWS 163A 116 06.5	S	A83026S	1.125	1.499	1.503	.188	01 BR 132 108 03	S
A76017S	1.750	2.718	2.722	.375	01 BT 246A 148 06	S	A83029S	1.125	1.375	1.379	.125	01 B 124 108 02	S
A76023S	1.250	1.968	1.972	.469	01 GWS 162 116 07.5	S	A83030S	1.375	1.750	1.754	.188	01 BR 148A 124 03	S
A76024S	1.500	2.328	2.332	.406	01 BTM 221 132 06.5	S	A83038S	1.375	2.125	2.133	.250	05 RO 208 124 04	S
A76028	2.281	3.150	3.155	.359	01 GW 310 218 05.75	L	A84004S	.375	.875	.879	.250	06 BRS 056 024 04	S
A78010	1.750	2.561	2.565	.500	01 GF 236 148 08	F	A84005S	.781	1.375	1.379	.250	03 BRS 124 050 04	S
A78014	2.000	2.963	2.967	.500	01 GF 262 200 08	F	A84006S	.875	1.624	1.628	.250	03 BRS 140 056 04	S
A78029S	1.000	1.499	1.503	.531	33 DWS 132 100 08.5	SS	A84008S	1.500	2.000	2.004	.250	03 BRS 200 132 04	S
A78036S	1.625	2.441	2.445	.625	19 DWS 228A 140 10	SL	A84011S	.312	.749	.753	.250	04 BRS 048 020 04	S
A79011P	2.250	3.189	3.194	.719	25 DWS 312 216 11.5C	PL	A84013S	.375	.749	.755	.250	04 ROS 048 024 04	S
A79013S	2.750	3.623	3.628	.594	25 DWS 340 248 09.5	SL	A84016S	1.000	1.437	1.441	.250	03 BRS 128 100 04	S
A79018S	2.937	3.939	3.944	.625	25 DWS 360A 260 10	SL	A84020S	.875	1.375	1.379	.250	06 RMS 124 056 04	S
A80013S	.625	1.124	1.128	.250	02 BR 108 040 04	S	A84024S	1.000	1.499	1.505	.250	03 ROS 132 100 04	S

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.



NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A84026S	1.875	2.565	2.571	.313	04 ROS 236A 156 05	S	A86345S	4.250	5.251	5.256	.375	01 TW 516 416 06	S
A84034S	2.375	3.500	3.508	.375	04 ROS 332 224X 06	S	A86355S	1.000	1.752	1.756	.250	04 BRS 148 100 04	S
A84038S	2.500	4.249	4.260	.500	04 ROS 416 232 08	S	A86358P	1.625	2.502	2.506	.375	01 TW 232 140 06C	P
A84058S	2.375	3.350	3.355	.250	04 BRS 323 224 04	S	A86369S	1.875	2.398	2.402	.250	04 RMS 226B 156 04	S
A85015S	1.812	2.561	2.565	.438	01 B 236 152 07C	S	A86377S	.250	.749	.753	.250	04 BRS 048 016 04	S
A85016S	1.000	1.375	1.379	.188	05 BR 124 100 03	S	A86378S	.718	1.062	1.066	.188	06 BRS 104 046 03	S
A85017S	1.250	1.983	1.987	.250	05 BR 163 116 04	S	A86379S	.312	.687	.691	.250	06 BRS 044 020 04	S
A85023R	1.937	2.824	2.828	.500	04 RS 253 160 08C	R	A86380S	.312	.687	.691	.313	04 RS 044 020 05	S
A85025R	1.750	2.502	2.506	.406	04 BRS 232 148 06.5C	R	A86381S	.312	.749	.753	.250	02 RM 048 020 04	S
A85026S	1.750	2.412	2.416	.375	04 RS 227 148 06	S	A86382S	.312	.749	.753	.250	04 RMS 048 020 04	S
A85034P	1.875	3.744	3.749	.500	01 TK 348A 156 08C	P	A86383S	.343	.749	.753	.250	02 BR 048 022 04	S
A85036S	2.250	2.996	3.001	.438	04 BRSW 300A 216 07	S	A86384S	.343	.749	.753	.250	04 BRS 048 022 04	S
A85037S	1.562	2.441	2.445	.500	04 RMSW 228A 136 08	S	A86385S	.375	.562	.566	.125	01 EB 036 024 02	S
A85042P	1.843	2.750	2.754	.500	05 RS 248 154 08C	P	A86386S	.375	.625	.629	.125	01 B 040 024 02	S
A85047S	1.937	2.502	2.506	.375	04 BRSW 232 160 06	S	A86387S	.375	.687	.691	.156	05 RMW 044 024 02.5	S
A85072S	1.375	2.000	2.004	.313	06 BRSW 200 124 05	S	A86388	.375	.687	.691	.156	01 W 044 024 02.5	L
A85080R	3.750	4.751	4.756	.484	01 TK 448 348 07.75C	R	A86389S	.375	.749	.754	.250	01 B 048 024 04	S
A86208S	1.500	2.260	2.264	.375	04 RMS 216D 132 06	S	A86390S	.375	.875	.879	.250	05 BR 056 024 04	S
A86213	2.000	2.636	2.640	.250	01 F 241A 200 04	F	A86391	.375	.999	1.003	.188	03 R 100 024 03	L
A86228S	2.125	2.880	2.884	.438	05 RS 256A 208 07	S	A86392S	.406	.562	.566	.078	01 EB 036 026 01.25	S
A86231S	.812	1.250	1.254	.188	04 BRS 116 052 03	S	A86393S	.406	.875	.879	.250	02 BR 056 026 04	S
A86250S	2.062	2.561	2.565	.313	06 BRS 236 204 05	S	A86394S	.406	.875	.879	.250	04 BRS 056 026 04	S
A86251S	2.125	3.125	3.130	.438	01 TKW 308 208 07	S	A86395S	.437	.625	.629	.125	01 EB 040 028 02	S
A86261S	.562	.812	.816	.125	01 B 052 036 02	S	A86396S	.437	.687	.691	.125	01 B 044 028 02	S
A86262S	.625	.875	.879	.125	01 B 056 040 02	S	A86397S	.437	.999	1.003	.250	05 BR 100 028 04	S
A86263S	.687	.937	.941	.125	01 B 060 044 02	S	A86398S	.437	.999	1.003	.250	05 RM 100 028 04	S
A86265S	.250	.437	.441	.125	01 EB 028 016 02	S	A86399S	.437	.999	1.003	.250	06 RMS 100 028 04	S
A86266S	.312	.500	.504	.125	01 EB 032 020 02	S	A86400S	.437	.999	1.004	.250	04 ROSW 100 028 04	S
A86267S	.625	.812	.816	.125	01 EB 052 040 02	S	A86401S	.437	.999	1.004	.250	02 ROW 100 028 04	S
A86268S	.687	.875	.879	.125	01 EB 056 044 02	S	A86402S	1.500	2.260	2.264	.375	02 RM 216D 132 06	S
A86269S	1.250	1.624	1.628	.188	01 BR 140 116 03	S	A86403	.437	.999	1.003	.313	02 R 100 028 05	L
A86271S	2.000	2.374	2.378	.188	01 BR 224 200 03	S	A86404	.437	.998	1.002	.375	02 R 100B 028 06	L
A86272S	1.625	2.000	2.004	.188	05 BR 200 140 03	S	A86405S	.468	.749	.754	.125	01 B 048 030 02	S
A86274S	1.125	1.499	1.503	.188	03 BRS 132 108 03	S	A86406S	.468	.999	1.003	.250	01 BR 100 030 04	S
A86275S	1.375	1.752	1.756	.188	03 BRS 148 124 03	S	A86407S	.468	.999	1.003	.250	03 BRS 100 030 04	S
A86276S	1.250	1.624	1.628	.188	03 BRS 140 116 03	S	A86408S	.468	.999	1.005	.250	06 ROSW 100 030 04	S
A86277S	1.500	1.874	1.878	.188	03 BRS 156 132 03	S	A86409S	.468	.999	1.005	.250	05 ROW 100 030 04	S
A86278S	1.750	2.125	2.129	.188	03 BRS 208 148 03	S	A86410S	1.875	2.398	2.402	.250	02 RM 226B 156 04	S
A86279S	2.000	2.374	2.378	.188	03 BRS 224 200 03	S	A86411S	.484	.875	.879	.250	06 BRS 056 031 04	S
A86280S	2.000	2.502	2.506	.250	03 BRS 232 200 04	S	A86412S	.500	.687	.691	.125	01 EB 044 032 02	S
A86281S	1.625	2.000	2.004	.188	06 BRS 200 140 03	S	A86413S	.500	.749	.753	.125	01 EBR 048 032 02	S
A86282S	2.500	3.000	3.005	.250	06 BRS 300 232 04	S	A86414S	.500	.749	.753	.125	01 EBR 048 032 02	S
A86283P	2.500	3.543	3.548	.500	01 TKW 335 232 08C	P	A86415S	.500	.801	.805	.188	05 BR 051A 032 03	S
A86284P	2.750	3.876	3.881	.438	01 TKW 356 248 07C	P	A86416S	.500	.801	.805	.188	06 BRS 051A 032 03	S
A86285P	3.000	4.003	4.008	.438	01 TKW 400 300 07C	P	A86417S	.500	.875	.879	.250	05 BR 056 032 04	S
A86285S	3.000	4.003	4.008	.438	01 TKW 400 300 07	S	A86418S	.500	.875	.879	.250	06 BRS 056 032 04	S
A86286P	3.500	4.501	4.506	.438	01 TKW 432 332 07C	P	A86419S	.500	.875	.879	.250	05 RM 056 032 04	S
A86286S	3.500	4.501	4.506	.438	01 TKW 432 332 07	S	A86420S	.500	.875	.879	.250	06 RMS 056 032 04	S
A86287P	2.750	4.003	4.008	.438	01 TKW 400 248 07C	P	A86421S	.500	.999	1.003	.250	02 BRW 100 032 04	S
A86287S	2.750	4.003	4.008	.438	01 TKW 400 248 07	S	A86422S	.500	.999	1.005	.250	02 RO 100 032 04	S
A86288S	.787	1.624	1.628	.188	01 T 140 050X 03	S	A86423S	.500	.999	1.005	.250	04 ROS 100 032 04	S
A86289S	2.000	3.000	3.005	.375	01 T 300 200 06	S	A86424	.500	.999	1.003	.313	02 R 100 032 05	L
A86290S	2.500	3.373	3.378	.375	01 TK 324A 232 06	S	A86425S	.500	1.124	1.128	.250	01 BR 108 032 04	S
A86291S	2.875	3.751	3.756	.500	01 T 348 256 08	S	A86426S	.500	1.124	1.128	.250	03 BRS 108 032 04	S
A86293S	1.125	2.000	2.004	.313	01 TW 200 108 05	S	A86427S	.500	1.124	1.128	.313	01 BR 108 032 05	S
A86294R	1.625	2.504	2.508	.375	01 TW 232E 140 06C	R	A86428S	.500	1.124	1.128	.313	05 BR 108 032 05	S
A86297S	2.500	3.623	3.628	.375	01 TW 340 232 06	S	A86429S	.500	1.124	1.128	.313	03 BRS 108 032 05	S
A86303S	1.875	2.875	2.879	.531	99 ROSW 256 156 08.5 *	S	A86430S	.500	1.124	1.128	.313	06 BRS 108 032 05	S
A86318S	1.937	2.623	2.627	.563	99 BRW 240 160 09 *	S	A86431	.500	1.124	1.128	.313	02 R 108 032 05	L
A86344S	1.606	2.374	2.378	.250	03 RMS 224 139X 04	S	A86432S	.500	1.260	1.264	.250	05 BR 116B 032 04	S

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A86433S	.500	1.260	1.264	.250	06 BRS 116B 032 04	S	A86493S	.687	.937	.941	.125	01 EBRs 060 044 02	S
A86434	.500	1.250	1.254	.250	01 W 116 032 04	L	A86494S	.687	1.250	1.254	.250	01 BR 116 044 04	S
A86435	.531	.875	.879	.313	02 R 056 034 05	L	A86495S	.687	1.250	1.254	.250	06 BRSW 116 044 04	S
A86436	.531	.999	1.003	.250	01 W 100 034 04	L	A86496S	.687	1.250	1.254	.250	05 BRW 116 044 04	S
A86437	.531	.999	1.003	.313	02 R 100 034 05	L	A86497S	.687	1.250	1.254	.250	06 RMSW 116 044 04	S
A86438S	.531	1.124	1.128	.250	05 BR 108 034 04	S	A86498S	.687	1.250	1.254	.250	05 RMW 116 044 04	S
A86439S	.531	1.124	1.128	.250	06 BRS 108 034 04	S	A86499S	.687	1.375	1.379	.250	02 BR 124 044 04	S
A86440S	.531	1.124	1.128	.375	02 R 108 034 06	L	A86500S	.687	1.375	1.379	.250	04 BRS 124 044 04	S
A86441	.531	1.378	1.382	.250	01 W 124A 034 04	L	A86501S	.687	1.375	1.379	.406	04 RMSW 124 044 06.5	S
A86442S	.547	.945	.952	.281	01 RO 061A 035 04.5	S	A86502S	.687	1.375	1.379	.406	02 RMW 124 044 06.5	S
A86443S	.547	.945	.952	.281	03 ROS 061A 035 04.5	S	A86503S	.703	1.160	1.164	.250	05 RM 110A 045 04	S
A86444S	.547	.999	1.003	.375	04 RS 100 035 06	S	A86504S	.718	.999	1.003	.156	01 EBR 100 046 02.5	S
A86445S	.562	.750	.754	.125	01 EB 048A 036 02	S	A86505S	.718	.999	1.003	.156	01 EBRs 100 046 02.5	S
A86446S	.562	.999	1.003	.250	02 BR 100 036 04	S	A86506S	.718	1.062	1.066	.188	05 BR 104 046 03	S
A86447S	.562	.999	1.003	.250	04 BRS 100 036 04	S	A86507	.750	1.124	1.128	.313	01 F 108 048 05	F
A86448S	.562	1.121	1.125	.250	02 BR 108A 036 04	S	A86508S	.750	1.160	1.164	.250	05 RM 110A 048 04	S
A86449S	.562	1.121	1.125	.250	04 BRS 108A 036 04	S	A86509S	.750	1.187	1.191	.250	01 BR 112 048 04	S
A86450	.562	1.124	1.128	.250	01 W 108 036 04	L	A86510S	.750	1.187	1.191	.250	03 BRS 112 048 04	S
A86451	.562	1.571	1.575	.313	01 R 136B 036 05	L	A86511S	.750	1.250	1.254	.125	01 EB 116 048 02	S
A86452S	1.750	2.250	2.254	.250	01 RM 216 148 04	S	A86512S	.750	1.250	1.254	.188	05 BR 116 048 03	S
A86453	.593	1.378	1.382	.250	01 W 124A 038 04	L	A86513S	.750	1.250	1.254	.188	06 BRS 116 048 03	S
A86454S	.625	.875	.879	.125	01 EBR 056 040 02	S	A86514S	.750	1.250	1.256	.250	06 ROSW 116 048 04	S
A86455S	.625	.875	.879	.125	01 EBRs 056 040 02	S	A86515S	.750	1.250	1.256	.250	05 ROW 116 048 04	S
A86456S	.625	.999	1.003	.250	01 BR 100 040 04	S	A86516	.750	1.250	1.254	.250	01 TUW 116 048 04	U
A86457S	.625	.999	1.003	.250	03 BRS 100 040 04	S	A86517S	.750	1.250	1.254	.313	04 BRSW 116 048 05	S
A86458S	.625	.999	1.003	.250	04 BRSW 100 040 04	S	A86518S	.750	1.250	1.254	.313	02 BRW 116 048 05	S
A86459S	.625	.999	1.003	.250	02 BRW 100 040 04	S	A86519S	.750	1.250	1.254	.313	02 RMW 116 048 05	S
A86460S	.625	.999	1.005	.250	02 RO 100 040 04	S	A86520S	.312	.625	.630	.141	99 RO 040 020 02.75 *	S
A86461S	.625	1.062	1.066	.188	01 B 104 040 03	S	A86521S	.750	1.312	1.316	.313	02 RMW 120A 048 05	S
A86462S	.625	1.062	1.066	.250	01 BR 104 040 04	S	A86522S	.750	1.375	1.379	.250	01 BR 124 048 04	S
A86463S	.625	1.062	1.066	.250	03 BRS 104 040 04	S	A86523S	.750	1.375	1.379	.250	03 BRS 124 048 04	S
A86464S	.625	1.124	1.128	.250	04 BRS 108 040 04	S	A86524	.750	1.378	1.382	.313	01 R 124A 048 05	L
A86465S	.625	1.124	1.128	.250	02 RM 108 040 04	S	A86525	.750	1.375	1.379	.531	03 DW 124 048 08.5	LL
A86466S	.625	1.124	1.128	.250	04 RMS 108 040 04	S	A86526S	.750	1.375	1.379	.531	29 DWS 124 048 08.5	SS
A86467S	.625	1.124	1.130	.250	05 RO 108 040 04	S	A86527S	.750	1.375	1.379	.531	33 DWS 124 048 08.5	SS
A86468S	.625	1.124	1.130	.250	06 ROS 108 040 04	S	A86528S	.750	1.499	1.503	.250	01 BR 132 048 04	S
A86469	.625	1.124	1.128	.313	01 F 108 040 05	F	A86529S	.750	1.499	1.503	.250	01 RM 132 048 04	S
A86470	.625	1.124	1.128	.313	02 R 108 040 05	L	A86530S	.750	1.499	1.503	.250	03 RMS 132 048 04	S
A86471S	.625	1.124	1.128	.375	04 RS 108 040 06	S	A86531	.750	1.499	1.503	.250	01 W 132 048 04	L
A86472S	.625	1.250	1.254	.250	02 BR 116 040 04	S	A86532S	.750	1.499	1.503	.375	04 RS 132 048 06	S
A86473S	.625	1.250	1.254	.250	04 BRS 116 040 04	S	A86533S	.750	1.499	1.503	.531	41 DWS 132 048 08.5	SS
A86474S	.625	1.250	1.254	.250	02 RM 116 040 04	S	A86534S	.750	1.575	1.579	.250	02 BR 137 048 04	S
A86475S	.625	1.250	1.254	.250	04 RMS 116 040 04	S	A86535S	.750	1.575	1.579	.250	04 BRS 137 048 04	S
A86476S	.625	1.375	1.379	.250	02 BR 124 040 04	S	A86536S	.750	1.575	1.581	.250	05 RO 137 048 04	S
A86477S	.625	1.375	1.379	.250	04 BRS 124 040 04	S	A86537S	.750	1.575	1.581	.250	06 ROS 137 048 04	S
A86478S	.625	1.499	1.503	.250	02 BR 132 040 04	S	A86538S	.750	1.578	1.585	.313	06 ROSW 137A 048 05	S
A86479S	.625	1.499	1.503	.250	04 BRS 132 040 04	S	A86539S	.750	1.578	1.585	.313	05 ROW 137A 048 05	S
A86480	.625	1.578	1.582	.313	01 F 137A 040 05	F	A86540S	.750	1.624	1.628	.250	03 BRS 140 048 04	S
A86481S	.312	.500	.506	.125	99 RO 032 020 02 *	S	A86541	.750	1.624	1.628	.313	01 R 140 048 05	L
A86482S	.312	.562	.566	.125	99 B 036 020X 02 *	S	A86542	.750	1.752	1.756	.313	03 R 148 048 05	L
A86483	.656	1.124	1.128	.250	01 W 108 042 04	L	A86543S	.750	1.780	1.784	.250	02 BR 150 048 04	S
A86484S	.656	1.124	1.128	.313	04 RS 108 042 05	S	A86544S	.750	1.780	1.784	.250	04 BRS 150 048 04	S
A86485S	.656	1.575	1.579	.250	02 BR 137 042 04	S	A86545S	.750	1.828	1.832	.250	02 BR 153 048 04	S
A86486S	.656	1.575	1.579	.250	04 BRS 137 042 04	S	A86546S	.750	1.828	1.832	.250	04 BRS 153 048 04	S
A86487	.656	1.575	1.579	.375	02 R 137 042 06	L	A86547S	.781	1.124	1.128	.156	01 B 108 050 02.5	S
A86488	.671	.893	.897	.109	01 F 057A 043 01.75	F	A86548S	.781	1.250	1.254	.188	02 BR 116 050 03	S
A86489S	.671	1.062	1.066	.281	05 RM 104 043 04.5	S	A86549S	.781	1.250	1.254	.188	04 BRS 116 050 03	S
A86490S	.671	1.124	1.128	.313	05 BR 108 043 05	S	A86550S	.781	1.250	1.254	.313	04 BRSW 116 050 05	S
A86491S	.671	1.124	1.128	.313	06 BRS 108 043 05	S	A86551S	.781	1.250	1.254	.313	02 BRW 116 050 05	S
A86492S	.687	.937	.941	.125	01 EBR 060 044 02	S	A86552	.781	1.250	1.254	.375	02 R 116 050 06	L

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A86553S	.781	1.375	1.379	.250	01 BR 124 050 04	S	A86614S	.875	1.575	1.579	.250	03 BRS 137 056 04	S
A86554	.781	1.375	1.379	.375	02 R 124 050 06	L	A86615S	.875	1.624	1.628	.250	01 BR 140 056 04	S
A86555S	.781	1.375	1.379	.375	05 RS 124 050 06	S	A86616	.875	1.624	1.628	.313	02 R 140 056 05	L
A86556	.781	1.499	1.503	.250	01 W 132 050 04	L	A86617	.875	1.983	1.987	.250	05 BR 163 056 04	S
A86557S	1.125	1.561	1.565	.250	01 BR 136 108 04	S	A86618S	.875	1.983	1.987	.250	06 BRS 163 056 04	S
A86558	.781	1.547	1.551	.250	01 W 135 050 04	L	A86619S	.875	2.000	2.004	.250	05 BR 200 056 04	S
A86559S	2.000	3.000	3.005	.375	02 T 300 200 06	S	A86620S	.875	2.000	2.004	.250	06 BRS 200 056 04	S
A86560S	.781	1.624	1.628	.188	02 T 140 050 03	S	A86621	.875	2.000	2.004	.375	01 R 200 056 06	L
A86561S	.787	1.624	1.628	.188	02 T 140 050X 03	S	A86622S	.937	1.187	1.191	.125	01 B 112 060 02	S
A86562	.781	1.624	1.628	.313	01 R 140 050 05	L	A86623S	.937	1.375	1.379	.250	03 BRS 124 060 04	S
A86563S	.781	1.624	1.628	.313	04 RS 140 050 05	S	A86624	.937	1.499	1.503	.375	02 R 132 060 06	L
A86564S	.781	1.624	1.628	.313	05 RS 140 050 05	S	A86625	.937	1.752	1.756	.250	01 W 148 060 04	L
A86565S	.781	1.752	1.756	.250	02 T 148 050 04	S	A86626	.968	1.499	1.503	.313	02 R 132 062 05	L
A86566S	.812	1.062	1.066	.125	01 B 104 052 02	S	A86627	.984	1.499	1.503	.313	02 R 132 063 05	L
A86567S	.812	1.124	1.128	.156	01 B 108 052 02.5	S	A86628	.984	1.499	1.503	.375	02 R 132 063 06	L
A86568S	.812	1.187	1.193	.188	02 RO 112 052 03	S	A86629	.984	1.499	1.503	.391	02 R 132 063 06.25	L
A86569S	.812	1.187	1.193	.188	04 ROS 112 052 03	S	A86630S	.468	.622	.626	.188	99 EBW 040A 030 03 *	S
A86570S	.812	1.250	1.254	.188	02 BR 116 052 03	S	A86631S	1.000	1.250	1.254	.125	01 EBR 116 100 02	S
A86572S	.812	1.250	1.254	.250	05 BR 116 052 04	S	A86632S	1.000	1.250	1.254	.125	01 EBRS 116 100 02	S
A86573S	.812	1.250	1.254	.250	06 BRS 116 052 04	S	A86633S	1.000	1.308	1.312	.156	01 B 120 100 02.5	S
A86574S	.812	1.250	1.254	.250	05 RM 116 052 04	S	A86634S	1.000	1.312	1.316	.156	01 B 120A 100 02.5	S
A86575S	.812	1.250	1.254	.250	06 RMS 116 052 04	S	A86635S	1.000	1.307	1.311	.156	01 B 120B 100 02.5	S
A86576	.812	1.375	1.379	.250	01 W 124 052 04	L	A86636S	1.000	1.312	1.316	.156	01 BM 120A 100 02.5	S
A86577S	.812	1.375	1.379	.250	02 BR 124 052 04	S	A86637S	1.000	1.375	1.379	.188	06 BRS 124 100 03	S
A86578S	.812	1.375	1.379	.250	04 BRS 124 052 04	S	A86638	1.000	1.375	1.379	.250	01 W 124 100 04	L
A86579S	.812	1.375	1.379	.313	04 BRSW 124 052 05	S	A86639S	1.000	1.437	1.443	.250	04 ROSW 128 100 04	S
A86580S	.812	1.375	1.379	.313	02 BRW 124 052 05	S	A86640S	1.000	1.437	1.443	.250	02 ROW 128 100 04	S
A86581	.812	1.375	1.379	.313	02 R 124 052 05	L	A86641	1.000	1.437	1.441	.531	03 DW 128 100 08.5	LL
A86582	.375	.749	.753	.094	99 G 048 024 01.5 *	L	A86642S	1.000	1.499	1.503	.250	05 BR 132 100 04	S
A86583	.812	1.752	1.756	.250	01 W 148 052 04	L	A86643S	1.000	1.499	1.503	.250	03 BRS 132 100 04	S
A86584	.812	1.752	1.756	.313	02 R 148 052 05	L	A86644S	1.000	1.499	1.503	.250	06 BRS 132 100 04	S
A86585S	.875	1.187	1.191	.156	01 B 112 056 02.5	S	A86645S	1.000	1.499	1.503	.250	06 BRSW 132 100 04	S
A86586S	.875	1.184	1.188	.438	01 EB 112A 056 07	S	A86646S	1.000	1.499	1.503	.250	05 BRW 132 100 04	S
A86589S	.875	1.250	1.256	.188	02 RO 116 056 03	S	A86647S	1.000	1.499	1.503	.250	06 RMSW 132 100 04	S
A86590S	.875	1.250	1.256	.188	04 ROS 116 056 03	S	A86648S	1.000	1.499	1.503	.250	05 RMW 132 100 04	S
A86591S	.875	1.250	1.254	.250	04 BRSW 116 056 04	S	A86649S	1.000	1.499	1.505	.250	01 RO 132 100 04	S
A86592S	.875	1.250	1.254	.250	02 BRW 116 056 04	S	A86650S	1.000	1.499	1.503	.313	06 BRSW 132 100 05	S
A86593S	.875	1.250	1.254	.250	04 RMSW 116 056 04	S	A86651S	1.000	1.499	1.503	.313	05 BRW 132 100 05	S
A86594S	.875	1.250	1.254	.250	02 RMW 116 056 04	S	A86652	1.000	1.499	1.503	.375	02 R 132 100 06	L
A86595S	.875	1.312	1.316	.250	03 BRS 120A 056 04	S	A86653S	1.000	1.499	1.503	.531	19 DWS 132 100 08.5	SL
A86596S	.875	1.375	1.379	.250	05 BR 124 056 04	S	A86654S	1.000	1.561	1.565	.250	03 BRS 136 100 04	S
A86597S	.875	1.375	1.379	.250	06 BRS 124 056 04	S	A86655S	1.000	1.624	1.628	.250	02 BR 140 100 04	S
A86598S	.875	1.375	1.379	.250	04 BRSW 124 056 04	S	A86656	1.000	1.624	1.628	.297	01 F 140 100 04.75	F
A86599S	.875	1.375	1.379	.250	02 BRW 124 056 04	S	A86657S	1.000	1.624	1.628	.313	04 BRSW 140 100 05	S
A86600S	.875	1.375	1.379	.250	05 RM 124 056 04	S	A86658S	1.000	1.624	1.628	.313	02 BRW 140 100 05	S
A86601S	.875	1.375	1.379	.313	02 BRW 124 056 05	S	A86659	1.000	1.624	1.628	.313	01 R 140 100 05	L
A86602S	.875	1.437	1.441	.250	02 BR 128 056 04	S	A86660S	1.000	1.624	1.628	.313	04 RS 140 100 05	S
A86603S	.875	1.437	1.441	.250	04 BRS 128 056 04	S	A86661S	1.000	1.686	1.690	.313	06 BRSW 144 100 05	S
A86604S	.875	1.499	1.503	.250	05 BR 132 056 04	S	A86662S	1.000	1.686	1.690	.313	05 BRW 144 100 05	S
A86605	.875	1.499	1.503	.375	02 R 132 056 06	L	A86663S	1.000	1.752	1.756	.250	02 BR 148 100 04	S
A86606S	.875	1.499	1.503	.375	05 RS 132 056 06	S	A86664S	1.125	1.561	1.565	.250	03 BRS 136 108 04	S
A86607S	.875	1.499	1.503	.391	01 TK 132 056 06.25	S	A86665S	1.000	1.780	1.784	.250	01 BR 150 100 04	S
A86608S	.875	1.499	1.503	.391	02 TK 132 056 06.25	S	A86666S	1.000	1.782	1.786	.250	01 BR 150A 100 04	S
A86609S	.875	1.499	1.503	.438	01 BRO 132 056 07	S	A86667S	1.000	1.780	1.784	.250	03 BRS 150 100 04	S
A86610S	.875	1.499	1.503	.438	03-BRSO 132 056 07	SS	A86668S	1.000	1.782	1.786	.250	03 BRS 150A 100 04	S
A86611S	.875	1.500	1.504	.531	41 DWS 132A 056 08.5	S	A86669S	1.000	1.874	1.878	.250	02 BR 156 100 04	S
A86612	.875	1.561	1.565	.250	01 W 136 056 04	L	A86670S	1.000	1.874	1.878	.250	04 BRS 156 100 04	S
A86613S	.875	1.575	1.579	.250	01 BR 137 056 04	S	A86671S	1.000	1.968	1.972	.250	02 BR 162 100 04	S
							A86672S	1.000	1.968	1.972	.250	04 BRS 162 100 04	S
							A86673S	1.000	1.983	1.987	.250	02 BR 163 100 04	S

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A86674S	1.000	1.983	1.987	.250	04 BRS 163 100 04	S	A86734S	1.250	1.624	1.628	.188	01 B 140 116 03	S
A86675S	1.000	2.000	2.004	.250	02 BR 200 100 04	S	A86735S	1.500	2.374	2.378	.500	02 RMW 224 132 08	S
A86676S	1.000	2.000	2.004	.250	04 BRS 200 100 04	S	A86736S	1.250	1.686	1.690	.250	06 RMSW 144 116 04	S
A86677S	1.000	2.000	2.004	.438	04 RS 200 100 07	S	A86737S	1.250	1.686	1.690	.250	05 RMW 144 116 04	S
A86678S	1.000	2.000	2.004	.625	03 DFS 200 100 10	SF	A86738S	1.250	1.687	1.691	.250	05 RMW 144A 116 04	S
A86679S	1.000	2.062	2.066	.281	02 BR 204 100 04.5	S	A86739	1.250	1.686	1.690	.375	01 F 144 116 06	F
A86680S	1.000	2.062	2.066	.281	04 BRS 204 100 04.5	S	A86740S	1.250	1.752	1.756	.250	01 RM 148 116 04	S
A86681S	1.000	2.441	2.445	.250	02 BR 228A 100 04	S	A86741S	1.250	1.752	1.756	.250	03 RMS 148 116 04	S
A86682S	1.000	2.441	2.445	.250	04 BRS 228A 100 04	S	A86742	1.250	1.752	1.756	.250	01 TUW 148 116 04	U
A86683S	1.000	2.441	2.445	.313	01 TW 228A 100 05	S	A86743S	1.250	1.874	1.878	.250	06 BRS 156 116 04	S
A86684S	1.000	2.441	2.445	.313	02 TW 228A 100 05	S	A86744S	1.250	1.979	1.983	.250	05 BR 163A 116 04	S
A86685	1.031	1.561	1.565	.375	02 R 136 102 06	L	A86745S	1.250	1.983	1.987	.250	06 BRS 163 116 04	S
A86686S	1.031	1.575	1.579	.250	05 BR 137 102 04	S	A86746S	1.250	1.979	1.983	.250	06 BRS 163A 116 04	S
A86687S	1.062	1.437	1.441	.188	05 BR 128 104 03	S	A86747S	1.250	1.983	1.987	.250	06 RMS 163 116 04	S
A86688S	1.062	1.437	1.441	.188	06 BRS 128 104 03	S	A86748S	1.250	2.000	2.004	.250	02 BR 200 116 04	S
A86689	1.062	1.499	1.503	.375	02 R 132 104 06	L	A86749S	1.250	2.000	2.004	.297	01 G3WS 200 116 04.75	S
A86690	1.062	1.499	1.503	.531	29 DWS 132 104 08.5	SS	A86750S	1.250	2.000	2.004	.313	04 BRSW 200 116 05	S
A86691S	1.062	1.575	1.579	.250	05 BR 137 104 04	S	A86751S	1.250	2.000	2.004	.313	02 BRW 200 116 05	S
A86692S	1.062	1.575	1.579	.250	06 BRS 137 104 04	S	A86752	1.250	2.000	2.004	.438	01 F 200 116 07	F
A86693S	1.062	1.686	1.690	.313	06 BRSW 144 104 05	S	A86753S	1.250	2.000	2.004	.500	29 DWS 200 116 08	SS
A86694S	1.062	1.686	1.690	.313	05 BRW 144 104 05	S	A86754S	1.250	2.000	2.004	.500	33 DWS 200 116 08	SS
A86695S	1.062	1.686	1.690	.313	05 RMW 144 104 05	S	A86755S	1.250	2.000	2.004	.500	38 DWS 200 116 08	SS
A86696S	1.437	1.978	1.986	.500	99 ROW 163B 128 08 *	S	A86756	1.250	2.000	2.004	.625	01 DF 200 116 10	LF
A86697S	1.093	1.686	1.690	.250	01 BR 144 106 04	S	A86757	1.250	2.000	2.004	.750	01 DO 200 116 12	LL
A86698S	1.093	1.686	1.690	.250	03 BRS 144 106 04	S	A86758S	1.250	2.000	2.004	.750	02 DOS 200 116 12	LL
A86699S	1.125	1.562	1.566	.250	03 BRS 136A 108 04	S	A86759S	1.250	2.062	2.066	.250	01 BR 204 116 04	S
A86700S	1.125	1.561	1.565	.313	06 RMSW 136 108 05	S	A86760S	1.250	2.062	2.066	.250	03 BRS 204 116 04	S
A86701S	1.125	1.561	1.565	.313	05 RMW 136 108 05	S	A86761	1.250	2.062	2.066	.313	01 G 204 116 05	L
A86702S	1.125	1.561	1.565	.375	02 BRO 136 108 06	S	A86762S	1.250	2.250	2.254	.250	02 BR 216 116 04	S
A86703S	1.125	1.561	1.565	.375	04 BRSO 136 108 06	S	A86763S	1.250	2.250	2.254	.250	04 BRS 216 116 04	S
A86704S	1.125	1.622	1.626	.250	01 BR 140A 108 04	S	A86764	1.250	2.250	2.254	.250	01 W 216 116 04	L
A86705S	1.125	1.622	1.626	.250	03 BRS 140A 108 04	S	A86765S	1.250	2.441	2.445	.313	04 BRSW 228A 116 05	S
A86706S	1.125	1.624	1.628	.281	04 RS 140 108 04.5	S	A86766S	1.250	2.441	2.445	.313	02 BRW 228A 116 05	S
A86707S	1.125	1.686	1.690	.313	06 RMSW 144 108 05	S	A86767	1.250	2.561	2.565	.484	02 F 236 116 07.75	F
A86708S	1.125	1.686	1.690	.313	05 RMW 144 108 05	S	A86768S	.531	.749	.755	.125	99 RO 048 034 02 *	S
A86709S	1.125	1.752	1.756	.250	01 BR 148 108 04	S	A86769S	1.312	1.624	1.628	.156	01 B 140 120 02.5	S
A86710S	1.125	1.752	1.756	.250	03 BRS 148 108 04	S	A86770S	1.312	1.828	1.832	.375	05 BR 153 120 06	S
A86711S	1.125	1.752	1.758	.250	04 ROS 148 108 04	S	A86771S	1.312	1.828	1.832	.375	05 RM 153 120 06	S
A86712	1.125	1.752	1.756	.313	02 R 148 108 05	L	A86772S	1.312	1.828	1.832	.375	06 RMS 153 120 06	S
A86713S	1.125	1.828	1.832	.313	05 BRW 153 108 05	S	A86773S	1.312	2.000	2.004	.313	02 BRW 200 120 05	S
A86714S	1.125	1.851	1.855	.313	06 RMSW 155 108 05	S	A86774S	1.312	2.000	2.004	.313	04 RMSW 200 120 05	S
A86715S	1.125	1.851	1.855	.313	05 RMW 155 108 05	S	A86775S	1.312	2.000	2.004	.313	02 RMW 200 120 05	S
A86716S	.500	1.178	1.187	.375	99 EBR 112B 032 06 *	S	A86776	1.312	2.000	2.004	.375	01 R 200 120 06	L
A86717S	1.125	2.000	2.004	.313	02 TW 200 108 05	S	A86777	1.312	2.125	2.129	.375	01 R 208 120 06	L
A86718	1.125	2.441	2.445	.469	01 R 228A 108 07.5	L	A86778S	1.312	2.282	2.286	.250	05 BR 218 120 04	S
A86719	1.125	2.502	2.506	.500	01 R 232 108 08	L	A86779S	1.312	2.282	2.286	.250	06 BRS 218 120 04	S
A86720S	1.178	2.075	2.079	.406	05 RM 204A 111X 06.5	S	A86780S	1.312	2.282	2.286	.250	01 WS 218 120 04	S
A86721S	1.187	1.686	1.690	.313	04 BRSW 144 112 05	S	A86781	1.312	2.282	2.286	.313	01 G 218 120 05	L
A86722S	1.187	1.686	1.690	.313	02 BRW 144 112 05	S	A86782S	1.312	2.502	2.506	.375	05 RS 232 120 06	S
A86723S	1.187	1.686	1.690	.313	04 RMSW 144 112 05	S	A86783S	1.375	1.624	1.628	.125	01 B 140 124 02	S
A86724S	1.187	1.686	1.690	.313	02 RMW 144 112 05	S	A86784S	1.375	1.624	1.628	.375	01 EBR 140 124 06	S
A86725S	1.187	1.686	1.690	.375	01 T 144 112 06	S	A86785S	1.375	1.624	1.628	.375	01 EBRS 140 124 06	S
A86726S	1.187	1.686	1.690	.375	02 T 144 112 06	S	A86786S	1.375	1.828	1.832	.250	03 BRS 153 124 04	S
A86727S	1.187	1.874	1.878	.250	01 BR 156 112 04	S	A86787	1.375	1.828	1.832	.438	02 R 153 124 07	L
A86728S	1.187	1.874	1.878	.250	03 BRS 156 112 04	S	A86788S	1.375	1.874	1.878	.250	02 BR 156 124 04	S
A86729S	1.187	1.874	1.878	.313	06 RMSW 156 112 05	S	A86789S	1.375	1.874	1.880	.250	02 RO 156 124 04	S
A86730S	1.187	1.874	1.878	.313	05 RMW 156 112 05	S	A86790S	1.375	1.874	1.880	.250	04 ROS 156 124 04	S
A86731	1.187	1.996	2.000	.313	01 G 200A 112 05	L	A86791S	1.375	1.874	1.878	.250	99 RW 156 124 04 *	S
A86732S	1.187	2.374	2.378	.250	02 BR 224 112 04	S	A86792	1.375	1.874	1.878	.375	02 R 156 124 06	L
A86733S	1.187	2.374	2.378	.250	04 BRS 224 112 04	S	A86793S	1.375	2.000	2.004	.313	05 BRW 200 124 05	S

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL ^o	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL ^o
A86794	1.375	2.000	2.004	.344	02 R 200 124 05.5	L	A86854S	1.500	2.377	2.381	.750	02 BRW 224A 132 12	S
A86795	1.375	2.000	2.004	.375	02 R 200 124 06	L	A86855S	1.500	2.437	2.441	.250	01 BR 228 132 04	S
A86796	1.375	2.062	2.066	.375	01 R 204 124 06	L	A86856S	1.500	2.441	2.445	.250	01 BR 228A 132 04	S
A86797S	1.500	2.374	2.378	.500	04 RMSW 224 132 08	S	A86857S	1.500	2.441	2.445	.250	03 BRS 228A 132 04	S
A86798S	.562	.812	.816	.125	99 BRSW 052 036 02 *	S	A86858	1.500	2.437	2.441	.250	01 F 228 132 04	F
A86799S	1.375	2.125	2.129	.313	06 BRSW 208 124 05	S	A86859	1.500	2.441	2.445	.250	01 F 228A 132 04	F
A86800S	1.375	2.125	2.129	.313	05 BRW 208 124 05	S	A86860S	1.500	2.437	2.441	.250	01 WS 228 132 04	S
A86801S	1.375	2.125	2.129	.313	99 RMS 208 124 05 *	S	A86861S	1.500	2.623	2.627	.250	02 BR 240 132 04	S
A86802	1.375	2.125	2.129	.375	02 R 208 124 06	L	A86862S	1.500	2.625	2.629	.250	02 BR 240A 132 04	S
A86803S	1.375	2.125	2.129	.375	01 T 208 124 06	S	A86863S	1.500	2.623	2.627	.250	04 BRS 240 132 04	S
A86804S	1.375	2.125	2.129	.375	02 T 208 124 06	S	A86864S	1.500	2.625	2.629	.250	04 BRS 240A 132 04	S
A86805S	1.375	2.125	2.129	.438	01 BRO 208 124 07	S	A86865	1.500	2.623	2.627	.375	01 F 240 132 06	F
A86806S	1.375	2.125	2.129	.438	03 BRSO 208 124 07	S	A86866	1.500	2.686	2.690	.500	01 R 244 132 08	L
A86807S	1.362	2.191	2.195	.250	05 BR 212A 124X 04	S	A86867S	1.531	2.713	2.717	.500	02 T 246 134 08	S
A86808S	.625	.875	.879	.125	99 BRSW 056 040 02 *	S	A86868S	1.562	2.062	2.066	.438	05 RS 204 136 07	S
A86809S	1.375	2.250	2.254	.500	02 RMW 216 124 08	S	A86869S	1.562	2.250	2.254	.250	01 BR 216 136 04	S
A86810S	.625	.875	.881	.125	99 RO 056 040 02 *	S	A86870S	1.562	2.250	2.254	.250	03 BRS 216 136 04	S
A86811	1.375	2.282	2.286	.313	01 G 218 124 05	L	A86871S	1.562	2.250	2.254	.438	02 BRO 216 136 07	S
A86812S	1.375	2.374	2.378	.250	04 BRS 224 124 04	S	A86872S	1.562	2.250	2.254	.438	04 BRSO 216 136 07	S
A86813S	1.375	2.441	2.445	.250	02 BR 228A 124 04	S	A86873S	.781	1.752	1.756	.250	01 T 148 050 04	S
A86814S	1.375	2.437	2.441	.250	05 BR 228 124 04	S	A86874S	1.562	2.374	2.378	.406	05 BR 224 136 06.5	S
A86815S	1.375	2.441	2.445	.250	04 BRS 228A 124 04	S	A86875	1.562	2.374	2.378	.500	01 R 224 136 08	L
A86816S	1.375	2.441	2.445	.484	05 RS 228A 124 07.75	S	A86876S	1.562	2.441	2.445	.250	01 T 228A 136 04	S
A86817	1.375	2.437	2.441	.500	01 R 228 124 08	L	A86877S	1.562	2.437	2.441	.250	01 WS 228 136 04	S
A86818S	1.375	2.437	2.441	.500	05 RS 228 124 08	S	A86878	1.562	2.441	2.445	.469	01 GF 228A 136 07.5	F
A86819	1.375	2.502	2.506	.500	02 R 232 124 08	L	A86879S	1.562	2.441	2.445	.500	02 RMW 228A 136 08	S
A86820S	.724	1.062	1.066	.188	05 BR 104 046X 03	S	A86880S	1.562	2.686	2.690	.250	02 BR 244 136 04	S
A86821	1.406	2.374	2.378	.375	01 R 224 126 06	L	A86881S	1.562	2.686	2.690	.250	04 BRS 244 136 04	S
A86822S	1.437	2.126	2.130	.188	01 WS 208A 128 03	S	A86882S	.812	1.377	1.381	.156	01 B 124B 052 02.5	S
A86823S	1.437	2.250	2.254	.250	01 BR 216 128 04	S	A86883	1.562	2.996	3.001	.250	01 W 300A 136 04	L
A86824S	1.437	2.250	2.254	.250	03 BRS 216 128 04	S	A86884S	1.593	2.496	2.500	.250	02 BR 232C 138 04	S
A86825S	1.413	2.360	2.364	.313	05 BR 223A 126X 05	S	A86885S	1.593	2.496	2.500	.250	04 BRS 232C 138 04	S
A86826S	1.437	2.686	2.690	.250	01 BR 244 128 04	S	A86886S	1.625	2.125	2.129	.250	05 BR 208 140 04	S
A86827S	1.437	2.686	2.690	.250	03 BRS 244 128 04	S	A86887S	1.625	2.125	2.129	.250	01 RM 208 140 04	S
A86828S	1.484	2.191	2.195	.250	05 BR 212A 131 04	S	A86888S	1.625	2.125	2.129	.250	03 RMS 208 140 04	S
A86829S	1.491	2.191	2.195	.250	05 BR 212A 131X 04	S	A86889	1.625	2.125	2.129	.250	01 TUW 208 140 04	U
A86830S	1.484	2.191	2.195	.250	06 BRS 212A 131 04	S	A86890	1.625	2.250	2.254	.250	01 W 216 140 04	L
A86831S	.741	1.378	1.382	.250	99 RM 124A 048X 04 *	S	A86891S	1.625	2.328	2.332	.438	02 BT 221 140 07	S
A86832S	1.500	1.874	1.878	.188	01 B 156 132 03	S	A86892S	1.625	2.374	2.378	.250	01 BR 224 140 04	S
A86833S	1.500	1.983	1.987	.250	01 BR 163 132 04	S	A86893S	1.625	2.374	2.378	.250	01 RM 224 140 04	S
A86834S	1.500	1.983	1.987	.250	03 BRS 163 132 04	S	A86894	1.625	2.374	2.378	.250	01 W 224 140 04	L
A86835	1.500	2.000	2.004	.219	01 W 200 132 03.5	L	A86895	1.625	2.437	2.441	.250	01 F 228 140 04	F
A86836	1.500	2.000	2.004	.250	01 TUW 200 132 04	U	A86896	1.625	2.437	2.441	.375	01 WW 228 140 06	LL
A86837S	1.500	2.062	2.066	.188	05 BR 204 132 03	S	A86897S	1.625	2.328	2.332	.438	02 BTS 221 140 07	S
A86838	1.500	2.062	2.066	.250	01 W 204 132 04	L	A86898S	1.625	2.502	2.506	.375	02 TW 232 140 06	S
A86839S	1.500	2.250	2.254	.250	03 BRS 216 132 04	S	A86899	1.625	2.502	2.506	.750	01 DF 232 140 12	LF
A86840S	.750	1.624	1.628	.313	99 RS 140 048 05 *	S	A86900	1.625	2.561	2.565	.375	01 F 236 140 06	F
A86841S	1.500	2.250	2.254	.375	02 RM 216 132 06	S	A86901S	1.625	2.623	2.627	.250	01 BR 240 140 04	S
A86842S	1.500	2.250	2.254	.438	02 BRO 216 132 07	S	A86902S	1.625	2.623	2.627	.250	03 BRS 240 140 04	S
A86843S	1.500	2.250	2.254	.438	04 BRSO 216 132 07	S	A86903	1.625	2.750	2.754	.375	99 WW 248 140 06 *	L
A86844	.750	1.851	1.855	.250	99 W 155 048 04 *	L	A86904	1.625	3.000	3.005	.500	01 G 300 140 08	L
A86845S	1.500	2.328	2.332	.406	01 BTMS 221 132 06.5	S	A86905S	1.656	2.656	2.660	.406	02 TW 242 142 06.5	S
A86846S	1.500	2.374	2.378	.250	02 BR 224 132 04	S	A86906S	1.656	3.000	3.005	.250	05 BR 300 142 04	S
A86847S	1.500	2.374	2.378	.250	04 BRS 224 132 04	S	A86907S	1.656	3.000	3.005	.250	06 BRS 300 142 04	S
A86848S	1.500	2.374	2.378	.391	04 RMSW 224 132 06.25	S	A86908	1.656	3.371	3.376	.500	01 GW 324 142X 08	L
A86849S	1.500	2.374	2.378	.391	02 RMW 224 132 06.25	S	A86909S	1.687	2.374	2.378	.250	02 BR 224 144 04	S
A86850	1.500	2.374	2.378	.500	02 R 224 132 08	L	A86910S	1.687	2.374	2.378	.250	04 BRS 224 144 04	S
A86851S	1.500	2.377	2.381	.500	02 RMW 224A 132 08	S	A86911	1.687	2.374	2.378	.500	02 R 224 144 08	L
A86852S	1.500	2.374	2.378	.563	02 RMW 224 132 09	S	A86912S	1.687	2.437	2.441	.313	02 BRW 228 144 05	S
A86853	1.500	2.374	2.378	.703	03 DW 224 132 11.25	LL	A86913S	1.687	2.437	2.441	.469	05 RM 228 144 07.5	S

• For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A86914S	1.687	2.502	2.506	.375	02 TW 232 144 06	S	A86974S	1.875	2.250	2.254	.188	01 BR 216 156 03	S
A86915S	1.687	2.502	2.506	.563	02 RMW 232 144 09	S	A86975S	1.875	2.250	2.254	.188	03 BRS 216 156 03	S
A86916	1.687	2.608	2.612	.250	01 W 239 144 04	L	A86976S	1.875	2.400	2.404	.250	02 RM 226A 156 04	S
A86917S	1.687	2.625	2.629	.250	05 BR 240A 144 04	S	A86977S	1.875	2.400	2.404	.250	04 RMS 226A 156 04	S
A86918S	1.687	2.625	2.629	.250	06 BRS 240A 144 04	S	A86978	1.875	2.502	2.506	.250	01 W 232 156 04	L
A86919	1.687	2.623	2.627	.375	01 F 240 144 06	F	A86979S	1.875	2.500	2.504	.438	02 TK 232A 156 07	S
A86920	1.687	2.623	2.627	.375	01 GW 240 144 06	L	A86980S	1.875	2.518	2.522	.375	02 RM 233 156 06	S
A86921	1.687	2.623	2.627	.703	03 DW 240 144 11.25	LL	A86981S	1.875	2.565	2.571	.313	02 RO 236A 156 05	S
A86922S	1.687	2.623	2.627	.750	03 DFS 240 144 12	SF	A86982	1.875	2.625	2.629	.313	99 F * 240A 156 05	F
A86923S	1.687	3.000	3.005	.250	05 BR 300 144 04	S	A86983	1.875	2.623	2.627	.375	01 GW 240 156 06	L
A86924S	1.687	3.000	3.005	.250	06 BRS 300 144 04	S	A86984S	1.875	2.624	2.628	.375	05 RM 240C 156 06	S
A86925S	1.687	3.126	3.131	.500	02 TW 308B 144 08	S	A86985S	1.875	2.875	2.879	.250	06 BRS 256 156 04	S
A86926	1.734	2.758	2.762	.500	01 R 248A 147 08	L	A86986S	1.750	2.718	2.722	.375	01 BTS 246A 148 06	S
A86927S	1.750	2.250	2.254	.250	03 BRS 216 148 04	S	A86987	1.875	2.890	2.894	.500	01 R 257 156 08	L
A86928S	1.750	2.250	2.256	.250	02 RO 216 148 04	S	A86988S	1.875	2.996	3.001	.250	05 BR 300A 156 04	S
A86929S	1.125	1.625	1.629	.250	01 BR 140B 108 04	S	A86989S	1.875	2.996	3.001	.250	06 BRS 300A 156 04	S
A86930	1.750	2.250	2.254	.250	01 TUW 216 148 04	U	A86990	1.875	2.996	3.001	.250	01 W 300A 156 04	L
A86931	1.750	2.250	2.254	.375	02 R 216 148 06	L	A86991S	1.875	2.996	3.001	.625	33 DWS 300A 156 10	SS
A86932S	1.750	2.359	2.365	.500	06 ROSW 223 148 08	S	A86992	1.875	3.061	3.066	.438	01 F 304 156 07	F
A86933S	1.750	2.359	2.365	.500	05 ROW 223 148 08	S	A86993S	1.875	3.251	3.256	.500	02 TW 316 156 08	S
A86934	1.750	2.374	2.378	.250	01 W 224 148 04	L	A86994S	1.875	3.744	3.749	.500	02 TK 348A 156 08	S
A86935S	1.750	2.441	2.445	.250	01 BR 228A 148 04	S	A86995S	1.906	2.437	2.441	.250	05 BR 228 158 04	S
A86936S	1.750	2.441	2.445	.250	03 BRS 228A 148 04	S	A86996S	1.906	2.437	2.441	.250	06 BRS 228 158 04	S
A86937	1.750	2.441	2.445	.250	01 F 228A 148 04	F	A86997S	1.906	2.531	2.535	.250	02 RM 234 158 04	S
A86938	1.750	2.441	2.445	.250	01 W 228A 148 04	L	A86998S	1.906	2.531	2.535	.250	04 RMS 234 158 04	S
A86939S	1.750	2.437	2.441	.281	01 BR 228 148 04.5	S	A86999S	1.906	2.752	2.756	.406	05 BRW 248D 158 06.5	S
A86940S	1.750	2.437	2.441	.281	01 RM 228 148 04.5	S	A87000S	1.906	3.189	3.194	.406	05 BRW 312 158 06.5	S
A86941S	1.750	2.437	2.441	.281	03 RMS 228 148 04.5	S	A87001S	1.937	2.502	2.506	.375	02 BRW 232 160 06	S
A86942	1.750	2.437	2.441	.375	01 R 228 148 06	L	A87002S	1.937	2.625	2.629	.250	05 BR 240A 160 04	S
A86943	1.750	2.441	2.445	.469	01 R 228A 148 07.5	L	A87003S	1.937	2.625	2.629	.250	06 BRS 240A 160 04	S
A86944S	1.750	2.502	2.506	.250	02 RM 232 148 04	S	A87004S	1.937	2.692	2.696	.500	02 BTM 244B 160 08	S
A86945S	1.750	2.502	2.506	.250	04 RMS 232 148 04	S	A87005	1.937	2.750	2.754	.250	01 W 248 160 04	L
A86946	1.750	2.502	2.506	.250	01 TUW 232 148 04	U	A87006S	1.937	2.762	2.766	.500	02 BRW 249A 160 08	S
A86947S	1.750	2.502	2.506	.406	02 BR 232 148 06.5	S	A87007S	1.937	2.883	2.887	.500	02 BRW 256C 160 08	S
A86948S	.875	1.124	1.128	.188	99 BW 108 056 03 *	S	A87008	1.937	2.996	3.001	.250	01 W 300A 160 04	L
A86949	1.750	2.623	2.627	.703	06 DW 240 148 11.25	LL	A87009S	1.937	3.000	3.005	.250	01 WS 300 160 04	S
A86950S	1.750	2.713	2.717	.250	01 BR 246 148 04	S	A87010S	1.937	3.000	3.005	.313	05 RMW 300 160 05	S
A86951S	1.750	2.713	2.717	.250	03 BRS 246 148 04	S	A87011	1.937	3.189	3.194	.469	01 R 312 160 07.5	L
A86952	1.750	2.716	2.720	.250	01 W 246B 148 04	L	A87012	1.937	3.350	3.355	.500	01 R 323 160 08	L
A86953	1.750	2.717	2.721	.406	01 GF 246C 148 06.5	F	A87013	1.937	3.371	3.376	.250	01 W 324 160 04	L
A86954S	1.750	2.750	2.754	.250	01 BR 248 148 04	S	A87014	1.937	3.543	3.548	.500	01 R 335 160 08	L
A86955S	1.750	2.750	2.754	.250	03 BRS 248 148 04	S	A87015S	2.000	2.374	2.378	.188	01 B 224 200 03	S
A86956	1.750	2.750	2.754	.703	03 DW 248 148 11.25	LL	A87016	2.000	2.502	2.506	.250	01 TUW 232 200 04	U
A86957S	1.750	2.811	2.815	.563	99 RMS 252A 148 09 *	S	A87017S	2.000	2.561	2.565	.250	03 BRS 236 200 04	S
A86958	1.750	2.835	2.839	.469	01 R 254A 148 07.5	L	A87018S	2.000	2.561	2.565	.375	05 BR 236 200 06	S
A86959S	1.750	2.875	2.879	.250	01 BR 256 148 04	S	A87019S	2.000	2.561	2.565	.375	06 BRS 236 200 06	S
A86960S	1.750	2.875	2.879	.250	03 BRS 256 148 04	S	A87020S	2.000	2.561	2.565	.531	02 BTM 236 200 08.5	S
A86961	1.750	2.875	2.879	.500	01 R 256 148 08	L	A87021	2.000	2.686	2.690	.250	01 TUW 244 200 04	U
A86962S	1.750	2.906	2.910	.500	04 RS 258 148 08	S	A87022S	2.000	2.686	2.690	.375	05 RM 244 200 06	S
A86963S	1.750	2.984	2.988	.563	06 DFS 263 148 09	SF	A87023S	2.000	2.750	2.754	.375	05 RM 248 200 06	S
A86964	1.750	3.371	3.376	.625	03 DW 324 148 10	LL	A87024S	2.000	2.746	2.750	.375	05 RM 248C 200 06	S
A86965	1.750	3.371	3.376	.625	06 DW 324 148 10	LL	A87025S	1.750	2.250	2.254	.250	03 RMS 216 148 04	S
A86966S	1.781	2.251	2.256	.375	02 BRW 216A 150 06	S	A87026S	2.000	2.880	2.884	.391	02 TW 256A 200 06.25	S
A86967S	1.781	2.502	2.506	.250	02 BR 232 150 04	S	A87027	2.000	2.882	2.886	.469	01 R 256B 200 07.5	L
A86968S	1.781	2.502	2.506	.250	04 BRS 232 150 04	S	A87028	2.000	2.875	2.879	.500	01 R 256 200 08	L
A86969	1.781	2.996	3.001	.375	01 F 300A 150 06	F	A87029S	2.000	2.880	2.884	.500	02 TKW 256A 200 08	S
A86970S	1.812	2.502	2.506	.250	04 BRS 232 152 04	S	A87030S	2.000	3.000	3.005	.250	06 BRS 300 200 04	S
A86971S	.875	1.184	1.188	.563	99 RMW 112A 056 09 *	S	A87031	2.000	3.000	3.005	.250	01 W 300 200 04	L
A86972	1.812	2.623	2.627	.703	03 DW 240 152 11.25	LL	A87032S	2.000	2.996	3.001	.375	02 T 300A 200 06	S
A86973S	1.843	2.623	2.627	.500	04 RS 240 154 08	S	A87033	2.000	3.061	3.066	.250	01 W 304 200 04	L
							A87034S	1.750	2.718	2.722	.375	02 BTS 246A 148 06	S
							A87035	2.000	3.150	3.155	.250	01 F 310 200 04	F

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL ^o	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL ^o
A87036	2.000	3.155	3.160	.250	01 F 310A 200 04	F	A87099S	2.312	2.996	3.001	.250	02 BR 300A 220 04	S
A87037	2.000	3.155	3.160	.250	01 W 310A 200 04	L	A87100S	2.312	3.000	3.005	.250	04 BRS 300 220 04	S
A87038	2.000	3.189	3.194	.469	01 R 312 200 07.5	L	A87101S	2.312	2.996	3.001	.250	04 BRS 300A 220 04	S
A87039S	2.000	3.264	3.269	.313	05 BR 317A 200 05	S	A87102S	2.328	3.000	3.005	.406	05 RM 300 221 06.5	S
A87040S	2.000	3.264	3.269	.313	06 BRS 317A 200 05	S	A87103S	2.330	3.000	3.005	.406	05 RM 300 221X 06.5	S
A87042S	2.062	2.561	2.565	.313	05 BR 236 204 05	S	A87104S	2.328	3.000	3.005	.406	06 RMS 300 221 06.5	S
A87043S	2.093	2.713	2.717	.375	02 BTS 246 206 06	S	A87105S	1.000	1.499	1.505	.531	99 ROSW 132 100 08.5 *	S
A87044S	2.062	2.661	2.665	.188	02 RM 242A 204 03	S	A87106S	2.375	3.112	3.117	.500	02 TKW 307A 224 08	S
A87045S	2.062	2.661	2.665	.188	04 RMS 242A 204 03	S	A87107S	2.375	3.126	3.131	.375	02 RM 308B 224 06	S
A87046	2.062	2.750	2.754	.250	01 W 248 204 04	L	A87108S	2.375	3.145	3.150	.250	02 BR 309 224 04	S
A87047S	2.062	2.890	2.895	.563	06 ROSW 257 204 09	S	A87109S	2.375	3.145	3.150	.250	04 BRS 309 224 04	S
A87048S	2.062	2.890	2.895	.563	05 ROW 257 204 09	S	A87110S	2.375	3.150	3.155	.250	02 BR 310 224 04	S
A87049	2.062	2.996	3.001	.250	01 W 300A 204 04	L	A87111S	2.375	3.150	3.155	.250	04 BRS 310 224 04	S
A87050S	2.062	3.000	3.005	.500	05 RS 300 204 08	S	A87114S	2.375	3.350	3.355	.250	02 BR 323 224 04	S
A87051	2.062	3.150	3.155	.250	01 F 310 204 04	F	A87115S	2.375	3.350	3.355	.594	25 DWS 323 224 09.5	SL
A87052	2.062	3.157	3.162	.438	01 F 310F 204 07	F	A87116S	2.375	3.371	3.376	.250	02 BR 324 224 04	S
A87053S	2.093	2.713	2.717	.375	02 BT 246 206 06	S	A87117S	2.375	3.371	3.376	.250	04 BRS 324 224 04	S
A87054	2.093	2.750	2.754	.250	01 W 248 206 04	L	A87118S	2.375	3.500	3.508	.375	02 RO 332 224X 06	S
A87055S	2.125	2.502	2.506	.188	01 BR 232 208 03	S	A87119	2.375	3.500	3.505	.703	03 DW 332 224 11.25	LL
A87056S	2.125	2.502	2.506	.188	03 BRS 232 208 03	S	A87120	2.375	3.744	3.749	.375	01 F 348A 224 06	F
A87057S	2.125	2.762	2.766	.250	05 BR 249A 208 04	S	A87121S	2.375	4.376	4.381	.438	01 T 424 224 07	S
A87058S	2.125	2.762	2.766	.250	06 BRS 249A 208 04	S	A87122S	2.375	4.376	4.381	.438	02 T 424 224 07	S
A87059S	2.125	2.875	2.879	.313	01 BW 256 208 05	S	A87124S	2.375	4.376	4.381	.625	04 RS 424 224 10	S
A87060S	2.125	2.875	2.879	.375	05 RM 256 208 06	S	A87125	2.437	3.251	3.256	.250	01 W 316 228 04	L
A87061S	.875	1.561	1.565	.250	99 W 136 056 04X *	L	A87126	2.437	3.543	3.548	.469	01 R 335 228 07.5	L
A87062S	2.125	2.937	2.941	.438	05 RS 260 208 07	S	A87127	2.500	3.000	3.005	.250	01 TUV 300 232 04	U
A87063S	2.125	3.000	3.005	.750	06 DFS 300 208 12	SF	A87128S	2.500	3.150	3.155	.250	01 BR 310 232 04	S
A87064	2.125	3.061	3.066	.688	03 DW 304 208 11	LL	A87129S	2.500	3.150	3.155	.250	03 BRS 310 232 04	S
A87065S	2.093	2.718	2.722	.375	01 BTS 246A 206 06	S	A87130S	2.500	3.189	3.194	.250	01 BR 312 232 04	S
A87066S	2.125	3.125	3.130	.438	02 TKW 308 208 07	S	A87131S	2.500	3.189	3.194	.250	03 BRS 312 232 04	S
A87067S	2.125	3.189	3.194	.375	02 TW 312 208 06	S	A87132S	2.500	3.251	3.256	.375	05 RM 316 232 06	S
A87068	2.125	3.371	3.376	.438	01 GW 324 208 07	L	A87133S	2.500	3.253	3.258	.375	05 RM 316A 232 06	S
A87069	2.125	3.438	3.443	.250	01 F 328 208 04	F	A87134S	2.500	3.371	3.376	.313	02 BRW 324 232 05	S
A87071	2.187	3.061	3.066	.500	01 R 304 212 08	L	A87136S	2.500	3.373	3.378	.375	02 TK 324A 232 06	S
A87072S	2.187	3.109	3.119	.438	02 RO 307B 212 07	S	A87137S	2.500	3.371	3.376	.500	02 RM 324 232 08	S
A87073S	2.187	3.109	3.119	.438	04 ROS 307B 212 07	S	A87138S	2.500	3.371	3.376	.500	04 RMS 324 232 08	S
A87074	2.218	3.371	3.376	.469	01 R 324 214X 07.5	L	A87139S	2.500	3.500	3.505	.500	01 TK 332 232 08	S
A87075	2.234	3.251	3.256	.500	01 R 316 215 08	L	A87140S	2.500	3.500	3.505	.500	02 TK 332 232 08	S
A87076S	2.250	2.623	2.627	.250	05 BR 240 216 04	S	A87141	2.500	3.500	3.505	.625	06 DW 332 232 10	LL
A87077S	2.250	2.623	2.627	.250	06 BRS 240 216 04	S	A87142	2.500	3.543	3.548	.469	01 R 335 232 07.5	L
A87078S	2.250	2.750	2.754	.250	05 BR 248 216 04	S	A87143S	2.500	3.543	3.548	.500	02 TKW 335 232 08	S
A87079S	2.250	2.750	2.754	.250	06 BRS 248 216 04	S	A87145S	2.500	3.623	3.628	.375	02 TW 340 232 06	S
A87080	2.250	2.750	2.754	.250	01 TUV 248 216 04	U	A87146	2.500	3.623	3.628	.500	02 R 340 232 08	L
A87081S	2.250	2.875	2.879	.313	01 BR 256 216 05	S	A87147	2.500	3.671	.500	.500	01 E 343 232 08	L
A87082S	2.250	2.875	2.879	.313	03 BRS 256 216 05	S	A87148S	2.500	4.249	4.260	.500	02 RO 416 232 08	S
A87083	2.250	2.996	3.001	.375	01 F 300A 216 06	F	A87149S	2.562	3.439	3.444	.344	05 RM 328A 236 05.5	S
A87084S	2.250	3.000	3.005	.438	04 BRSW 300 216 07	S	A87150S	2.562	3.439	3.444	.344	06 RMS 328A 236 05.5	S
A87085S	2.250	3.000	3.005	.438	02 BRW 300 216 07	S	A87151S	2.562	3.481	3.486	.500	02 TKW 331 236 08	S
A87086S	2.250	2.996	3.001	.438	02 BRW 300A 216 07	S	A87152	2.609	3.500	3.505	.750	01 DT 332 239 12	LL
A87087S	2.250	2.996	3.001	.750	04 DFS 300A 216 12	SF	A87153	2.609	3.623	3.628	.469	01 R 340 239 07.5	L
A87088S	2.250	3.061	3.066	.500	02 RMW 304 216 08	S	A87154S	2.625	3.000	3.005	.188	01 BR 300 240 03	S
A87089	2.250	3.150	3.155	.375	01 R 310 216 06	L	A87155S	2.625	3.000	3.005	.188	03 BRS 300 240 03	S
A87090	2.250	3.251	3.256	.343	99 GTW 316 216 05.5 *	T	A87156S	2.625	3.251	3.256	.438	05 RS 316 240 07	S
A87091	2.250	3.251	3.256	.625	03 DW 316 216 10	LL	A87157S	2.625	3.371	3.376	.250	01 BR 324 240 04	S
A87092S	2.250	3.265	3.270	.250	01 BR 317 216 04	S	A87158S	2.625	3.371	3.376	.250	03 BRS 324 240 04	S
A87093S	2.250	3.265	3.270	.250	03 BRS 317 216 04	S	A87159	2.625	3.371	3.376	.500	01 R 324 240 08	L
A87094	2.250	3.350	3.355	.500	01 R 323 216 08	L	A87160	2.625	3.500	3.505	.750	01 DT 332 240 12	LL
A87095	2.250	3.371	3.376	1.313	01 GF 324 216 21	F	A87161	2.625	3.543	3.548	.469	01 R 335 240 07.5	L
A87096	2.250	3.500	3.505	.703	03 DW 332 216 11.25	LL	A87162	2.625	3.623	3.628	.250	01 W 340 240 04	L
A87098S	2.312	3.000	3.005	.250	02 BR 300 220 04	S	A87163S	2.625	3.623	3.628	.375	02 T 340 240 06	S

• For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL*
A87164	2.625	3.623	3.628	.500	01 R 340 240 08	L	A87226S	.500	1.250	1.254	.250	05 BR 116 032 04	S
A87165	2.625	3.751	3.756	.875	01 DO 348 240 14	LL	A87227S	3.500	4.003	4.008	.250	01 BR 400 332 04	S
A87166	2.687	4.003	4.008	.469	01 F 400 244 07.5	F	A87228S	3.500	4.005	4.010	.250	01 BR 400A 332 04	S
A87167S	2.750	3.125	3.130	.188	01 BR 308 248 03	S	A87229S	3.500	4.003	4.008	.250	03 BRS 400 332 04	S
A87168S	2.750	3.125	3.130	.188	03 BRS 308 248 03	S	A87230S	3.500	4.005	4.010	.250	03 BRS 400A 332 04	S
A87169	2.750	3.251	3.256	.250	01 TUV 316 248 04	U	A87232S	3.500	4.501	4.506	.438	02 TKW 432 332 07	S
A87170	2.750	3.500	3.505	.250	01 TUV 332 248 04	LL	A87233S	3.500	4.501	4.506	.563	05 RS 432 332 09	S
A87171	2.750	3.543	3.548	.625	06 DW 335 248 10	LL	A87235	3.562	4.999	5.004	.500	01 R 500 336 08	L
A87172	2.750	3.751	3.756	.250	01 TUV 348 248 04	U	A87236S	3.625	4.628	4.633	.375	06 RMSW 440A 340 06	S
A87173S	2.750	3.751	3.756	.438	02 BRO 348 248 07	S	A87237S	3.625	4.628	4.633	.375	05 RMW 440A 340 06	S
A87174S	2.750	3.751	3.756	.438	04 BRSO 348 248 07	S	A87238	3.625	4.878	4.883	.625	02 R 456A 340 10	L
A87175S	2.750	3.876	3.881	.438	02 TKW 356 248 07	S	A87239S	3.625	4.878	4.883	.625	05 RM 456A 340 10	S
A87176S	2.750	4.003	4.008	.438	02 TKW 400 248 07	S	A87240S	3.625	4.999	5.008	.719	04 ROSW 500 340 11.5	S
A87177	2.812	3.500	3.505	.500	01 R 332 252 08	L	A87241S	3.625	4.999	5.008	.719	02 ROW 500 340 11.5	S
A87178S	2.875	3.804	3.814	.469	02 RO 352A 256 07.5	S	A87242	3.687	4.501	4.506	.500	01 R 432 344 08	L
A87179S	2.875	3.804	3.814	.469	04 ROS 352A 256 07.5	S	A87243	1.187	1.874	1.878	.344	99 GTW 156 112 05.5 *	T
A87180	2.875	3.251	3.256	.125	02 TUV 316 256 02	U	A87244S	3.750	4.751	4.756	.484	02 TK 448 348 07.75	S
A87182S	.500	.681	.685	.125	01 EB 044A 032 02	S	A87245	3.750	4.999	5.004	.625	01 R 500 348 10	L
A87183S	2.875	3.751	3.756	.500	02 T 348 256 08	S	A87246S	3.875	4.999	5.004	.469	01 TK 500 356 07.5	S
A87184	1.000	1.686	1.690	.343	99 GTW 144 100 05.5 *	T	A87247S	3.875	4.999	5.004	.469	02 TK 500 356 07.5	S
A87185S	2.875	4.003	4.008	.438	02 RM 400 256 07	S	A87248	4.000	4.751	4.756	.250	01 TUV 448 400 04	U
A87186S	2.875	4.003	4.008	.438	04 RMS 400 256 07	S	A87249	4.000	4.876	4.881	.250	01 W 456 400 04	L
A87187	2.875	4.501	4.506	.438	01 F 432 256 07	F	A87250S	4.046	5.375	5.380	.531	99 BRSW 524C 403 08.5 *	S
A87188	2.937	4.003	4.008	.250	01 W 400 260 04	L	A87251S	1.250	1.499	1.503	.250	99 WS 132 116 04 *	S
A87189S	2.937	4.003	4.008	.625	17 DWS 400 260 10	SL	A87252S	1.250	1.686	1.690	.438	99 RMW 144 116 07 *	S
A87190S	2.937	4.003	4.008	.625	25 DWS 400 260 10	SL	A87253S	.500	1.250	1.254	.250	06 BRS 116 032 04	S
A87192S	2.984	3.737	3.742	.500	01 TKW 347A 263 08	S	A87256S	4.187	5.251	5.256	.500	01 TK 516 412 08	S
A87193S	2.984	3.737	3.742	.500	02 TKW 347A 263 08	S	A87257S	4.187	5.251	5.256	.500	02 TK 516 412 08	S
A87194S	3.000	3.500	3.505	.250	01 BR 332 300 04	S	A87258S	4.250	5.251	5.256	.375	02 TW 516 416 06	S
A87195S	3.000	3.500	3.505	.250	03 BRS 332 300 04	S	A87259	4.250	5.251	5.256	.500	01 R 516 416 08	L
A87196	3.000	3.751	3.756	.250	01 TUV 348 300 04	U	A87260S	4.250	5.376	5.381	.500	02 T 524B 416 08	S
A87197S	3.000	3.751	3.756	.375	05 BR 348 300 06	S	A87261	4.375	5.251	5.256	.453	02 R 516 424 07.25	L
A87198S	3.000	4.003	4.008	.250	04 BRS 400 300 04	S	A87262S	4.375	6.002	6.007	.563	02 RM 600 424 09	S
A87199S	3.000	4.003	4.008	.438	05 BRO 400 300 07	S	A87263S	4.375	6.002	6.007	.563	04 RMS 600 424 09	S
A87200S	3.000	4.003	4.008	.438	06 BRSO 400 300 07	S	A87264	1.281	2.000	2.004	.313	99 GTW 200 118X 05 *	T
A87201S	3.000	4.003	4.008	.438	02 TKW 400 300 07	S	A87265S	1.375	1.828	1.832	.250	02 BR 153 124 04	S
A87202	3.062	4.376	4.381	.625	06 DW 424 304 10	LL	A87266S	4.500	5.501	5.506	.500	05 BRW 532 432 08	S
A87203S	3.125	3.876	3.881	.250	01 BR 356 308 04	S	A87267	4.500	5.501	5.506	.625	01 R 532 432 10	L
A87204S	3.125	3.876	3.881	.250	03 BRS 356 308 04	S	A87268	4.750	6.002	6.007	.813	06 DW 600 448 13	LL
A87205	3.125	4.003	4.008	.750	01 DF 400 308 12	LF	A87269S	4.875	5.751	5.756	.500	01 T 548 456 08	S
A87206	3.125	4.003	4.008	.750	99 DF 400 308 12 *	LF	A87270S	4.875	5.751	5.756	.500	02 T 548 456 08	S
A87207	3.125	4.626	4.631	.609	01 R 440 308 09.75	L	A87271S	4.875	6.002	6.007	.563	01 BR 600 456 09	S
A87208S	3.140	3.500	3.505	.188	01 B 332 309X 03	S	A87272	4.937	5.751	5.756	.438	02 R 548 460 07	L
A87209S	1.062	1.564	1.568	.250	99 BRS 136C 104 04 *	S	A87273S	1.343	1.561	1.565	.313	01 EB 136 122 05	S
A87210	1.062	1.686	1.690	.344	99 GTW 144 104 05.5 *	T	A87274S	5.000	6.002	6.007	.813	99 BRSO 600 500 13 *	S
A87211S	3.250	3.623	3.628	.188	01 B 340 316 03	S	A87275	5.000	6.002	6.007	.813	03 DW 600 500 13	LL
A87212S	3.250	3.876	3.881	.313	04 BRSW 356 316 05	S	A87276	5.000	6.251	6.256	.250	01 W 616 500 04	L
A87213S	3.250	3.876	3.881	.313	02 BRW 356 316 05	S	A87277S	5.000	6.251	6.256	.875	35 DWS 616 500 14	SS
A87214	3.250	4.249	4.254	.469	01 R 416 316 07.5	L	A87278	5.062	6.198	6.204	.641	01 R 613A 504 10.25	L
A87215S	3.250	4.501	4.506	.250	02 BR 432 316 04	S	A87279	5.125	6.251	6.256	.688	06 DW 616 508 11	LL
A87216S	3.250	4.501	4.506	.250	04 BRS 432 316 04	S	A87280S	1.375	1.752	1.758	.188	99 RO 148 124 03 *	S
A87217	3.250	4.499	4.504	.469	01 R 432A 316 07.5	L	A87281	5.750	6.375	6.381	.375	02 TUV 624 548 06	U
A87218S	3.250	4.501	4.506	.469	05 RS 432 316 07.5	S	A87282	6.000	7.500	7.506	.750	01 R 732 600 12	L
A87219	3.250	4.501	4.506	.625	01 R 432 316 10	L	A87283	6.250	7.000	7.006	.500	01 R 700 616 08	L
A87220	3.312	4.249	4.254	.625	01 R 416 320 10	L	A87284	8.500	10.000	10.008	1.000	01 R 1000 832 16	L
A87221	3.312	4.501	4.506	.469	01 R 432 320 07.5	L	A87285S	8.750	9.500	9.508	.250	03 BRS 932 848 04	S
A87222	3.375	4.376	4.381	.250	01 W 424 324 04	L	A87286S	12.250	14.252	14.260	1.016	02 TKW 1416 1216 16.25	S
A87223	3.375	4.370	4.375	.500	01 R 424B 324 08	L	A87287	1.375	2.437	2.441	.469	01 GW 228 124 07.5	L
A87224	3.375	4.499	4.504	.469	01 R 432A 324 07.5	L	A87289	1.375	4.003	4.008	.313	99 W 400 124 05 *	L
A87225S	3.375	5.251	5.256	.500	04 RS 516 324 08	S	A87290S	1.391	2.648	2.652	.281	99 BRS 242B 125 04.5 *	S

* For definition of code letters, see Page 11.

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NUMERICAL LIST BY REPLACEMENT NO.

REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL•	REPLACE- MENT NO.	SHAFT SIZE	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	LIP MATL•
A87291S	1.437	1.978	1.986	.500	99 ROSW 163B 128 08 *	S	A87373S	.750	1.250	1.254	.250	06 RMS 116 048 04	S
A87292	1.500	2.000	2.004	.250	01 W 200 132 04	L	A87374S	.750	1.308	1.312	.313	04 RMSW 120 048 05	S
A87293S	.750	1.250	1.260	.250	05 RO 116 048 04	S	A87375S	.750	1.308	1.312	.313	02 RMW 120 048 05	S
A87294S	.750	1.624	1.628	.250	01 BR 140 048 04	S	A87377S	.750	1.301	1.305	.313	02 RMW 120C 048 05	S
A87295S	.750	1.625	1.629	.250	03 BRS 140B 048 04	S	A87379S	.875	1.121	1.125	.125	01 B 108A 056 02	S
A87296S	.875	1.246	1.250	.188	03 BRS 116A 056 03	S	A87380S	1.187	1.881	1.885	.250	01 BR 156A 112 04	S
A87297	1.000	1.624	1.628	.281	01 F 140 100 04.5	F	A87381S	1.187	1.881	1.885	.250	03 BRS 156A 112 04	S
A87298S	1.218	2.062	2.066	.250	03 BRS 204 114 04	S	A87382S	1.375	2.191	2.195	.250	05 BR 212A 124 04	S
A87299S	1.290	2.000	2.004	.313	02 RMW 200 118X 05	S	A87383S	1.375	2.191	2.195	.250	06 BRS 212A 124 04	S
A87300S	1.375	1.875	1.879	.250	02 BR 156B 124 04	S							
A87301S	1.375	1.874	1.878	.250	04 BRS 156 124 04	S							
A87302	1.375	2.125	2.129	.375	99 GTW 208 124 06 *	T							
A87303S	1.562	2.441	2.445	.250	02 T 228A 136 04	S							
A87304S	1.606	2.374	2.378	.250	01 RM 224 139X 04	S							
A87305S	1.625	2.504	2.508	.375	02 TW 232E 140 06	S							
A87306S	1.687	2.078	2.082	.172	99 B 206A 144 02.75 *	S							
A87307S	1.687	3.190	3.195	.188	99-WS 312A 144 03 *	S							
A87308S	1.750	2.359	2.365	.484	99 RO 223 148 07.75 *	S							
A87309	1.750	2.502	2.506	.188	99 G 232 148 03 *	L							
A87310S	1.781	2.251	2.256	.375	99 BRS 216A 150 06 *	S							
A87311S	1.875	2.250	2.254	.188	99 EB 216 156 03 *	S							
A87312S	1.906	2.434	2.438	.250	06 BRS 228B 158 04	S							
A87313S	1.375	1.752	1.756	.188	01 BR 148 124 03	S							
A87314S	1.375	1.750	1.754	.188	03 BRS 148A 124 03	S							
A87315S	1.562	2.375	2.379	.406	05 BR 224B 136 06.5	S							
A87317S	1.937	2.992	2.996	.313	99 BRS 263A 160 05 *	S							
A87318S	2.000	2.374	2.378	.188	99 RO 224 200 03 *	S							
A87319S	2.000	2.890	2.895	.562	99 ROSW 257 200 09 *	S							
A87321S	2.125	2.502	2.507	.188	99 RO 232 208 03 *	S							
A87322S	2.250	2.875	2.879	.250	99 WS 256 216 04 *	S							
A87323S	2.250	3.371	3.376	.375	99 B 324 216 06 *	S							
A87324S	2.250	3.371	3.376	.500	99 B 324 216 08 *	S							
A87325S	2.250	3.371	3.376	.750	99 B 324 216 12 *	S							
A87326S	2.250	3.371	3.376	1.313	99 B 324 216 21 *	S							
A87327	2.250	3.371	3.376	1.313	99 GW 324 216 21 *	L							
A87328S	2.281	2.759	2.763	.219	99 B 249B 218 03.5 *	S							
A87329	2.250	3.350	3.355	.250	01 W 323 216 04	L							
A87330S	2.437	5.251	5.256	.188	99 WS 516 228 03 *	S							
A87331S	2.500	3.095	3.100	.188	99 B 306A 232 03 *	S							
A87332	2.500	3.150	3.155	.281	01 W 310 232 04.5	L							
A87333S	2.500	3.251	3.256	.375	99 RMS 316 232 06 *	S							
A87334S	2.531	3.500	3.505	.281	01 BW 332 234 04.5	S							
A87335S	2.593	3.481	3.486	.625	99 BRSW 331 238 10 *	S							
A87336S	2.750	3.000	3.005	.156	99 B 300 248 02.5 *	S							
A87337S	2.750	3.125	3.130	.188	99 EB 308 248 03 *	S							
A87338S	2.750	4.125	4.130	.469	99 G3WS 408 248 07.5 *	S							
A87339S	1.125	1.562	1.566	.250	01 BR 136A 108 04	S							
A87340	1.125	1.562	1.566	.250	99 GTW 136A 108 04 *	T							
A87341S	1.875	3.251	3.256	.500	99 RS 316 156 08 *	S							
A87342S	1.500	2.125	2.129	.219	99 GS 208 132 03.5 *	S							
A87362S	2.500	5.562	5.567	.438	99 RS 536 232 07 *	S							
A87363	2.000	4.562	4.567	.563	99 F 436 200 09 *	F							
A87365S	.562	.749	.753	.125	99 EB 048 036X 02 *	S							
A87366S	.562	1.001	1.005	.250	02 BR 100A 036 04	S							
A87367S	.562	1.001	1.005	.250	04 BRS 100A 036 04	S							
A87368S	.625	.999	1.003	.250	01 RM 100 040 04	S							
A87369S	.625	.999	1.003	.250	03 RMS 100 040 04	S							
A87370S	.671	1.064	1.068	.281	05 RM 104A 043 04.5	S							
A87371S	.671	1.064	1.068	.281	06 RMS 104A 043 04.5	S							
A87372S	.750	1.250	1.254	.250	05 RM 116 048 04	S							

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