



EFFECTIVE JANUARY 1, 2010
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GROUP NO.	PART NO.	PERFORMANCE LEVEL				WARR.	WEIGHT (lbs)		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES	
		CCA	RES. CAP.	REF. CA	20 HR CAP		WET	DRY	LENGTH		WIDTH		HEIGHT			
12-VOLT INTIMIDATOR® ABSORBED GLASS MAT — AGM — SEALED VALVE REGULATED																
34/78	9A78DT	785	120	970	55	85	42.5	—	10-3/4	273	6-7/8	175	8	203	3,13,16,17	
34	9A34	785	120	970	55	85	41	—	10-3/4	273	6-7/8	175	8	203	3,13,17	
34R	9A34R	785	120	970	55	85	41	—	10-3/4	273	6-7/8	175	8	203	3,13,17	
65	9A65	800	150	980	75	85	46	—	12	305	7-3/8	187	7-5/8	194	3,13,17	
78	9A78	785	120	970	55	85	42.5	—	10-3/4	273	6-7/8	175	7-1/4	184	3,13,17	
31	9A31	925	190	1060	100	36	65	—	13	330	6-3/4	171	9-1/2	241	3,13,X	
	9A31H	925	190	1060	100	36	65	—							3,13,17,X	
31P	9A31P	925	190	1060	100	36	65	—	13	330	6-3/4	171	9-1/2	241	3,13	
	9A31PH	925	190	1060	100	36	65	—							3,13,17	
34M	9A34M	785	120	970	55	36	41.5	—	10-3/4	273	6-7/8	175	8-3/8	212	3,13,17,U	
12-VOLT AUTOMOTIVE ABSORBED GLASS MAT — AGM — SEALED VALVE REGULATED																
34	9AGM34	685	100	780	55	70	41	—	10-15/16	277	6-11/16	169	7-3/4	197	13,17	
48	9AGM48	760	120	875	70	70	45.5	—	11	278	6-7/8	175	7-1/2	190	13,17,22	
49	9AGM49	900	180	1035	95	70	58.5	—	13-15/16	354	6-7/8	175	7-1/2	190	13,17,22	
Miata	8AMU1R	320	45	400	—	70	25	—	8-3/8	213	5-1/8	130	7-1/4	184	2,13,22,38,39	
GROUP NO.	PART NO.	PERFORMANCE LEVEL				WARRANTY	WEIGHT (lbs)		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES	
		CCA	RES. CAP.	REF. CA	20 HR CAP		WET	DRY	LENGTH		WIDTH		HEIGHT			
12-VOLT ULTIMATE® ADVANCED GENERATION CALCIUM / SILVER MAINTENANCE-FREE																
34/78	7AG78DT	800	115	940	85	41.5	—	—	10-3/4	273	6-7/8	175	8	203	14,16,17,18,22,37	
	6AG78DT	730	100	865	70	39	—	—	10-3/4	273	6-7/8	175	8	203	14,16,17,18,22,37	
75/86	7AG75DT	690	90	820	85	35.5	—	—	9-3/4	248	7	178	8-1/8	206	14,16,17,18,22,37	
24F	7AG24FMF	800	115	940	85	42.5	—	—	10-3/4	273	6-3/4	171	9	229	17,22	
25	7AG25MF	600	90	750	85	35	—	—	9-3/4	248	6-7/8	175	8-7/8	225	17,22	
34	6AG34MF	730	100	865	70	37.5	—	—	10-3/4	273	6-7/8	175	8	203	17,22	
35	7AG35MF	600	90	750	85	35	—	—	9-3/4	248	6-7/8	175	8-7/8	225	17,22	
58	7AG58MF	580	85	720	85	32	—	—	10	254	7-1/4	184	7	178	17,22	
65	7AG65MF	750	140	885	85	45.5	—	—	12	305	7-3/8	187	7-5/8	194	17,22	
	6AG65MF	675	105	840	70	40	—	—							17,22	
75	7AG75MF	690	90	820	85	35.5	—	—	9-3/4	248	7	178	7-1/4	184	17,22	
78	7AG78MF	800	115	940	85	39	—	—	10-3/4	273	6-7/8	175	7-1/4	184	17,22	
	6AG78MF	730	100	865	70	38	—	—							17,22	
12-VOLT UNIVERSAL DUAL TERMINAL CALCIUM / SILVER MAINTENANCE-FREE																
24I/24F/74	1024DT	930	120	1075	75	45	—	—	10-7/8	276	7	178	9	229	14,16,17,22	
26/26R/70	570DT	540	80	665	60	29.5	—	—	8-3/4	222	6-7/8	175	8	203	14,16,17,18,22,37	
	778DT	875	120	1020	75	41	—	—							14,16,17,18,22,37	
34/78	678DT	690	110	820	70	36.5	—	—	10-3/4	273	6-7/8	175	8	203	14,16,17,18,22,37	
	578DT	550	90	660	60	33.5	—	—							14,16,17,18,22,37	
75/86	775DT	720	100	860	75	34.5	—	—	9-3/4	248	7	178	8-1/8	206	14,16,17,18,22,37	
	675DT	650	90	800	70	33	—	—							14,16,17,18,22,37	
575DT	570	85	710	60	32	—	—	—	—	—	—	—	—	—	14,16,17,18,22,37	
12-VOLT PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE																
22F	522FMF	See page 3, Lawn Mower - Garden Tractor - Small Engine section.														
24I/24R	524/24R	550	90	650	60	35.5	—	—	10-3/4	273	6-3/4	171	9	229	14,17,22	
	724MF	725	120	890	75	41	—	—							17,22	
24	624MF	650	120	820	70	40	26	—	10-3/4	273	6-3/4	171	9	229	17,23,30,40	
	524MF	550	90	650	60	35.5	—	—							17,22	
24F	424MF	460	70	575	50	32	—	—	10-3/4	273	6-3/4	171	9	229	17,22	
	724FMF	725	120	890	75	41	—	—							17,22	
25	624FMF	650	120	820	70	40	26	—	10-3/4	273	6-3/4	171	9	229	17,23,30,40	
	524FMF	550	90	650	60	35.5	—	—							17,22	
26	424FMF	460	70	575	50	32	—	—	9-3/4	248	6-7/8	175	8-7/8	225	17,22	
	525MF	550	90	675	60	33.5	—	—							17,18,22,37	
26R	526MF	540	80	665	60	29.5	—	—	8-3/4	222	6-3/4	171	8	203	17,18,22,37	
	426MF	450	60	560	50	26	—	—							17,18,22,37	
27	526RMF	540	80	665	60	29.5	—	—	8-3/4	222	6-3/4	171	8	203	17,18,22,37	
	426RMF	450	60	560	50	26	—	—							17,18,22,37	
27F	727MF	850	140	1020	75	49.5	—	—	12-5/8	321	6-3/4	171	9	229	17,21	
	627MF	710	120	860	70	45.5	—	—							12	305
34	727FMF	850	140	1020	75	49.5	—	—	12-5/8	321	6-3/4	171	9	229	17,21	
	627FMF	710	120	860	70	45.5	—	—							12-3/8	314
34R	734MF	800	115	960	75	38.5	—	—	10-3/4	273	6-7/8	175	8	203	17,18,22,37	
	634MF	690	110	820	70	36.5	—	—							17,18,22,37	
35	534MF	550	90	690	60	33.5	—	—	10-3/4	273	6-7/8	175	8	203	17,18,22,37	
	734RMF	800	115	960	75	38.5	—	—							17,18,22,37	
36R	634RMF	690	110	820	70	36.5	—	—	10-3/4	273	6-7/8	175	8	203	17,18,22,37	
	535MF	550	90	675	60	33.5	—	—							9-3/4	248
42/58R	636RMF	650	130	800	70	42	—	—	10-1/4	260	7-1/4	184	8	203	17,22	
	642/58R	580	85	725	70	31.5	—	—							10	254
45	442/58R	500	75	630	50	28	—	—	9-3/8	238	5-1/2	140	9	229	17,22	
	545MF	485	67	600	60	30.5	—	—							13-3/8	340
50	650MF	600	108	750	70	43	—	—	9-3/8	238	5	127	8-3/4	222	22	
	551MF	475	70	590	60	28	—	—							9-3/8	238
51R	551RMF	475	70	590	60	28	—	—	9-3/8	238	5	127	8-3/4	222	22	
	755MF	585	95	725	75	33	—	—							8-3/4	222
55	555MF	500	75	600	60	29.5	—	—	10	254	7-1/4	184	7	178	17,18	
	658MF	580	85	725	70	31.5	—	—							10	254
58	558MF	500	75	630	60	29	—	—	9-1/2	241	7-7/16	189	7-1/2	190	17	
	458MF	460	70	550	50	28	—	—							8-3/4	222
58R	658RMF	580	85	725	70	31.5	—	—	11-3/4	298	6-1/4	159	8-7/8	225	22	
	659MF	590	100	700	70	37	—	—							11-3/4	298
62	562MF	480	80	590	60	31.5	—	—	12	305	7-3/8	187	7-5/8	194	17,22	
	664MF	630	115	785	70	42	—	—							12	305
65	565MF	675	130	890	60	41	—	—	8-3/4	222	7	178	7-1/8	181	17,18,22,37	
	570MF	540	80	665	60	29.5	—	—							8-3/4	222
70																

GROUP NO.	PART NO.	PERFORMANCE LEVEL			WARR.	WEIGHT (lbs)		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES		
		CCA	RES. CAP.	REF. CA		WET	DRY	LENGTH		WIDTH		HEIGHT				
								in	mm	in	mm	in	mm			
12-VOLT PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE (continued)																
78	878MF	875	120	1020	75	41	—	10-3/4	273	6-7/8	175	7-1/4	184	17,22		
	778MF	770	115	925	75	39	—							17,22		
	678MF	690	110	820	70	36.5	—							17,22		
	578MF	550	90	690	60	33.5	—							17,22		
79	779MF	840	140	1000	75	43	—	12-1/16	307	7-1/16	179	7-3/8	188	22		
85	685MF	650	110	775	70	35.5	—	9	229	6-7/8	175	8-1/8	206	22		
86	686MF	720	100	860	70	34.5	—	9	229	6-7/8	175	8-1/8	206	22		
	586MF	540	85	675	60	32	—							22		
101	6101MF	650	110	810	70	36	—	10-1/4	260	7-1/16	179	6-11/16	170	22		
121R	6121RMF	540	80	665	70	29.5	—	8-1/4	210	6-15/16	177	8-1/8	206			
124R	6124RMF	670	110	810	70	38	—	10-1/4	260	6-7/8	175	8-3/8	212	22		
GROUP NO.	PART NO.	DIN CODE	PERFORMANCE LEVEL			WARR.	WEIGHT		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES	
			CCA	RES. CAP.	REF. CA		20 HR CAP.	WET	DRY	LENGTH		WIDTH		HEIGHT		
										in	mm	in	mm	in		mm
12-VOLT EUROPEAN PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE																
40R	640RMF	T6	650	105	810	50	70	37	11	278	6-7/8	175	6-7/8	175	17,22	
41	641MF		675	110	830	64	70	38	11-9/16	293	6-7/8	175	6-7/8	175	22	
42	642MF		475	70	590	40	70	29	9-9/16	242	6-7/8	175	6-7/8	175		
47	647MF	H5	600	95	750	60	70	36.5	9-9/16	242	6-7/8	175	7-1/2	190	17,22	
48	9AGM48	H6	760	120	875	70	70	45.5	11	278	6-7/8	175	7-1/2	190	13,17,22	
48	648MF	H6	700	120	875	70	70	42	11	278	6-7/8	175	7-1/2	190	17,22	
49	9AGM49	H8	900	180	1035	95	70	58.5	13-15/16	354	6-7/8	175	7-1/2	190	13,17,22	
49	649MF	H8	900	185	1080	100	70	56.5	13-15/16	354	6-7/8	175	7-1/2	190	17,22	
90	690MF	T5	600	90	745	45	70	33.5	9-9/16	242	6-7/8	175	6-7/8	175	17,22	
91	691MF	T6	700	100	875	50	70	36.5	11	278	6-7/8	175	6-7/8	175	17,22	
92	692MF	T7	650	130	780	75	70	37	12-1/2	317	6-7/8	175	6-7/8	175	17,22	
93	693MF	T8	800	145	960	65	70	46.5	13-15/16	354	6-7/8	175	6-7/8	175	17,22	
94R	694RMF	H7	765	135	910	80	70	45	12-7/16	315	6-7/8	175	7-1/2	190	17,22	
95R	695RMF	H9	850	190	1020	110	70	64.5	15-1/2	394	6-7/8	175	7-1/2	190	17,22	
96R	696RMF		600	90	745	45	70	33.5	9-9/16	242	6-7/8	175	6-7/8	175	17,22	
97R	697RMF	H5	600	95	750	60	70	36.5	9-9/16	242	6-7/8	175	7-1/2	190	17,22	
GROUP NO.	PART NO.	PERFORMANCE LEVEL			WARR.	WEIGHT		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES		
		CCA	RES. CAP.	REF. CA		WET	DRY	LENGTH		WIDTH		HEIGHT				
								in	mm	in	mm	in	mm			
12-VOLT VINTAGE VEHICLES & LIGHT COMMERCIAL																
3EE	403E		400	95	485	30	42	—	19-1/4	489	4-1/4	108	9	229	11,25	
22NF	See page 3, Lawn Mower — Garden Tractor — Small Engine section.															
29NF	429NF		390	90	465	30	41	—	12-7/8	327	5-1/2	140	9	229	11,15,25	
53	353		290	62	360	20	32.5	—	13	330	4-3/4	121	8-3/8	213	11,15,25	
12-VOLT VALUE LINE MAINTENANCE-FREE																
26/70	VL70DT		450	60	560	55	27	—	8-3/4	222	6-7/8	175	8	203	14,16,17,22	
34/78	VL78DT		525	80	650	55	32	—	10-3/4	273	6-7/8	175	8	203	14,16,17,22	
75/86	VL75DT		550	80	690	55	32	—	9-3/4	248	7	178	8-1/8	206	14,16,17,22	
24/24R	VL24/24R		440	70	550	55	32	—	10-3/4	273	6-3/4	171	9	229	14,17,22	
26/26R	VL26/26R		440	60	560	55	27	—	8-3/4	222	6-3/4	171	8	203	14,17,22	
58	VL58		430	65	520	55	27.5	—	10	254	7-1/4	184	7	178	17,22	
65	VL65		650	120	865	55	38.5	—	12	305	7-3/8	187	7-5/8	194	17,22	
70	VL70		450	60	560	55	27	—	8-3/4	222	7	178	7-1/8	181	17,22	
75	VL75		475	65	590	55	28.5	—	9-3/4	248	7	178	7-1/4	184	17,22	
31	VL31		700	120	875	30	49.5	—	13	330	6-3/4	171	9-1/2	241	19,22,X	
31P	VL31P		700	120	875	30	49.5	—	13	330	6-3/4	171	9-1/2	241	19,22	
6-VOLT LIGHT TRUCK — FARM TRACTOR — OLDER MODEL PASSENGER CARS																
1	701MF		625	125	770	20	30	—	9	229	6-7/8	175	8-3/4	222	25	
2E	402E		620	190	750	20	42	—	19-1/4	489	4	102	8-7/8	225	11,15,25	
19L	319L		440	120	560	20	26	—	8-1/4	210	6-3/4	171	7-1/2	191	11,15,25	
8-VOLT COMMERCIAL SERVICE																
1	801		520	102	650	24	31.5	19	8-7/8	225	6-3/4	171	8-7/8	225	12,25,30	
6-VOLT HEAVY-DUTY COMMERCIAL SERVICE																
1	901MF		650	180	815	30	33.5	18	9	229	6-7/8	175	8-3/4	222	21,25,30	
2	902		780	200	940	30	36.5	—	10-3/8	264	6-7/8	175	8-3/4	222	12,25	
3D	903DY		1400	675	1660	30	120	84	20-3/8	518	8-3/4	222	10	254	11,17,20,25,32	
3EH	93EH		925	250	1095	30	47.5	—	19-1/4	489	4-1/4	108	10	254	12,25	
4	904MF		1000	270	1220	30	47	—	12-1/2	318	6-7/8	175	9-1/2	241	21,25	
5D	905D		880	300	1100	30	50	—	13-3/8	340	7-1/8	181	9-1/4	235	12,25	
7D	907D		950	350	1120	30	59.5	34	15-3/4	400	7	178	9-1/8	232	11,25,31	
12-VOLT HEAVY-DUTY COMMERCIAL SERVICE																
3ET	93ET		500	120	625	30	48	—	19-1/4	489	4-1/4	108	9-7/8	251	12,25	
4D	904D		1050	290	1280	30	99.5	58	20-3/4	527	8-1/2	216	10-1/8	258	12,17,25,31	
	804D		950	250	1160	30	97	—							12,17,25	
4DLT	94DLT		900	240	1065	30	80	—	20	508	8-1/8	206	8-1/8	206	12,19,25	
	908DMF		1500	450	1825	30	134	—							17,21,25	
8D	908D		1400	430	1700	30	130	80	20-3/4	527	11	279	10	254	12,17,25,31	
	708D		1100	325	1340	30	117.5	—							12,17,25	
16TF	Use 8KFS as bolt-in substitute. See Page 3, 12-Volt Floor Scrubber and Sweeper section.															
17TF	917TF		530	150	630	30	58.5	—	17	432	6-7/8	175	8	203	11,15,19,25	
28	928MF		550	100	685	30	41.5	—	10-1/4	260	6-3/4	171	9-1/2	241	21,22,X	
	1130HMF		925	170	1110	30	57.5	—							19,21,22	
30H	930H		650	145	810	30	51	—	13	330	6-3/4	171	9-1/2	241	19,21,22	
	1231MF		1125	195	1260	30	61	—							19,21,22,X	
31	1131XMF		1000	185	1190	30	58	43	13	330	6-3/4	171	9-1/2	241	19,21,22,X	
	1131MF		950	175	1140	30	56.5	—							19,21,22,X	
	1031MF		760	170	910	30	54.5	—							19,21,22,X	
	931MF		650	145	810	30	51	—							19,21,22,X	
31P	1231PMF		1125	195	1260	30	61	—	13	330	6-3/4	171	9-1/2	241	19,21,22	
	1131XPMF		1000	185	1190	30	58	—							19,21,22	
	1131PMF		950	175	1140	30	56.5	—							19,21,22	
	1031PMF		760	170	910	30	54.5	—							19,21,22	
	931PMF		650	145	810	30	51	—						19,21,22		

GROUP NO.	PART NO.	PERFORMANCE LEVEL				WARRANTY	WEIGHT		MAXIMUM OVERALL DIMENSIONS			FOOTNOTES					
		CCA	RES. CAP.	REF. CA	WET		DRY	LENGTH	WIDTH	HEIGHT							
12-VOLT HEAVY-DUTY COMMERCIAL SEVERE SERVICE/DUAL PURPOSE (W/ DOUBLE INSULATED GLASS MAT SEPARATORS)																	
31	7T31	730	190	940	30	62.5	—	13	330	6-3/4	171	9-1/2	241	19,21,22,43,X			
	DP31CS	700	185	875	30	57	—							22,Z			
31P	DP31PCS	700	185	875	30	57	—							19,21,22,43			
12-VOLT HEAVY-DUTY COMMERCIAL — AGM — DEEP CYCLE / DUAL PURPOSE STARTING																	
31	8A31	800	200	1000	36	68.5	—	13	330	6-3/4	171	9-1/2	241	2,13,X			
	8A31H	800	200	1000	36	68.5	—							2,13,17,X			
12-VOLT LAWN MOWER — GARDEN TRACTOR — SMALL ENGINE CALCIUM MAINTENANCE-FREE																	
U1	11U1L	350	—	410	12	19	—	7-3/4	197	5-1/8	130	7-1/4	184	22,Z			
	10U1L	300	—	365	12	17	—							22,Z			
	9U1L	275	—	335	12	16.5	11.5							8,22,30,Z			
	8U1L	230	—	275	12	15.5	—							22,Z			
	7U1L	195	—	235	12	15	—							22,Z			
	5U1L	165	—	190	12	15	—							22,Z			
U1R	10U1R	300	—	365	12	17	—	7-3/4	197	5-1/8	130	7-1/4	184	22,Y			
	9U1R	275	—	335	12	16.5	11.5							8,22,30,Y			
	8U1R	230	—	275	12	15.5	—							22,Y			
	7U1R	195	—	235	12	15	—							22,Y			
5U1R	165	—	190	12	15	—	22,Y										
22F	522FMF	425	65	540	12	29.5	18	9-3/8	238	6-3/4	171	8-1/4	210	30			
22NF	322NF	360	58	430	12	29	17.5	9-3/8	238	5-1/2	140	9	229	12,30			
U1L = left front positive; U1R = right front positive (with terminal side of battery to front)																	
REF. MCA																	
12-VOLT MARINE / RV STARTING CALCIUM / SILVER MAINTENANCE-FREE																	
24	24M7	875	125	1000	24	45	—	10-3/4	273	6-3/4	171	9-3/8	238	1,17,22,U			
	24M6	650	120	820	24	40	—							17,22,U			
	24M5	550	90	650	24	35.5	—							17,22,U			
	24M4	460	70	575	24	32	—							17,22,U			
27	27M6	840	182	1050	24	56	—	12-1/2	318	6-3/4	171	9-3/8	238	17,U			
REF. MCA																	
12-VOLT MARINE / RV DUAL PURPOSE STARTING / DEEP CYCLE SERVICE																	
24	DP24	550	685	140	120	65	24	42	—	10-3/4	273	6-3/4	171	9-3/8	238	12,17,U	
27	DP27	650	810	175	150	80	24	49	—	12-1/2	318	6-3/4	171	9-3/8	238	12,17,U	
31	DP31DT	700	875	205	185	100	24	57	—	13	330	6-3/4	171	9-1/2	241	17,21,22,U	
24	DC24	500	625	150	130	75	24	45	—	10-3/4	273	6-3/4	171	9-3/8	238	11,17,35,U	
27	DC27	575	715	200	175	90	24	53	—	12-1/2	318	6-3/4	171	9-3/8	238	11,17,35,U	
31	DC31DT	650	810	225	185	105	24	59	—	13	330	6-3/4	171	9-1/2	241	11,17,21,22,35,U	
Note: The three "DC" deep cycle part numbers above include double insulated glass mat separators.																	
REF. MCA																	
SEAMATE® MARINE / RV AGM SEALED VALVE REGULATED																	
U1	8AU1HM	200	48	240	32	6	12	24	10.9	8-5/16	211	5-1/8	130	7-1/4	184	2,17,38,39,Y	
22NF	8A22NFM	350	85	420	55	6	12	38.5	17.5	9-3/8	238	5-1/2	140	9-1/4	235	2,38,39,G	
24M	8A24M	525	135	735	79	36	12	53	24	10-7/8	276	6-3/4	171	9-7/8	251	2,17,38,39,U	
27M	8A27M	580	175	810	92	36	12	63	28.6	12-3/4	324	6-3/4	171	9-7/8	251	2,17,38,39,U	
31	8A31DTM	800	200	1000	105	36	12	69	31.3	12-15/16	329	6-3/4	171	9-3/8	238	2,16,17,U	
4D	8A4DM	1110	380	1420	198	36	12	129	58.5	20-3/4	527	8-1/2	216	10	254	2,17	
8D	8A8DM	1450	480	1800	245	36	12	158	71.7	20-3/4	527	11	279	10	254	2,17	
GC2	8AGC2M	680	380	900	190	12	6	69.5	32	10-1/4	260	7-1/8	181	10-7/8	276	2,G	
	ETX16LM	325	10 HR Capacity = 19			12	12	17	7.7	6-7/8	175	4	100	6-1/8	155	2,38,39,42,74	
	ETX20LM	310	10 HR Capacity = 17.5			12	12	15.5	7	6-7/8	175	3-7/16	88	6-1/8	155	2,38,39	
DOMINATOR® MARINE / RV GEL SEALED VALVE REGULATED																	
U1	8GU1HM	200	44	290	31.6	6	12	23.4	10.6	8-5/16	211	5-1/8	130	7-1/4	184	4,17,38,39,Y	
24M	8G24M	410	132	575	73.6	60	12	52.5	23.8	10-7/8	276	6-3/4	171	9-7/8	251	4,17,38,39,U	
27M	8G27M	505	160	700	88	60	12	63.2	28.6	12-3/4	324	6-3/4	171	9-7/8	251	4,17,38,39,U	
31	8G31DTM	550	180	780	97.6	60	12	70	31.7	12-15/16	329	6-3/4	171	9-3/8	238	4,16,17,38,39,U	
GC2	8GGC2M	585	345	850	180	12	6	68.4	31	10-1/4	260	7-1/8	181	10-7/8	276	4,38,39,G	
4D	8G4DM	970	375	1245	183	60	12	127	57.5	20-3/4	527	8-1/2	216	10	254	4,17,38,39	
8D	8G8DM	1150	475	1470	225	60	12	157	71.1	20-3/4	527	11	279	10	254	4,17,38,39	
REF. MCA																	
8-VOLT MARINE AND INDUSTRIAL																	
981	8V195	980	1170	170	166	24	90	—	—	20-3/4	527	7-1/4	184	10-5/8	270	11,15,17,25	
983	819	510	610	167	158	24	119	—	—	24-1/2	622	7-1/2	191	10-1/2	191	11,17,20,25,35,T	
984	821	530	635	187	177	24	135	—	—	27-1/2	699	7-1/2	191	10-1/2	267	11,17,20,25,35,T	
985	825	730	870	224	212	24	160	—	—	26-7/8	683	8-1/2	216	11-3/4	298	11,17,20,25,35,F	
REF. MCA																	
12-VOLT DEEP CYCLE — EV — WHEELCHAIR — MARINE																	
U1	EVU1	54	48	31	12	19	—	—	—	8-3/4	222	5-1/8	130	7-1/4	184	12,17,25,Z	
24	EV24	150	130	75	12	45	—	—	—	10-3/4	273	6-3/4	171	9-3/8	238	11,17,35,U	
27	EV27	200	175	90	12	53	—	—	—	12-1/2	318	6-3/4	171	9-3/8	238	11,17,35,U	
31	EV31	230	210	110	12	65.5	—	—	—	13	330	6-3/4	171	9-1/2	241	11,17,21,22,X	
REF. MCA																	
ORDNANCE																	
2HN	2HND	400	75	45	24	12	—	25	—	10-1/4	260	5-1/4	133	9	229	12,21,25,32	
4HN	4HND	235	28	21	24	24	—	27.5	—	10-1/4	260	5-1/4	133	9	229	11,17,21,25,32	
6TL	6TMF	750	230	120	24	12	73	52	—	11-1/4	286	10-1/2	267	9	229	6,17,21,25,30	
12-VOLT FLOODED CABLE TV (CATV)																	
27	CTV27	—	—	99	12	12	54.5	—	—	12-1/2	318	6-3/4	171	9-3/8	238	17,35,U	
REF. MCA																	
6-VOLT FLOOR SCRUBBER AND SWEEPER																	
901	9C11	250	210	130	—	—	12	73	52.5	11-3/4	298	7	178	11-1/2	292	4,11,17,19,25,30,34,V	
	8C11	235	190	120	—	—	12	66.5	48	11-3/4	298	7	178	11-1/2	292	4,11,17,19,25,30,34,V	
902	8C6V	330	270	170	—	—	12	97.5	65.5	11-3/4	298	7	178	14-3/8	365	4,11,17,19,25,30,34,V	
903	8L16	370	295	190	—	—	12	113	83	11-3/4	298	7	178	16-1/2	419	4,11,17,19,25,30,34,W	
12-VOLT FLOOR SCRUBBER AND SWEEPER																	
921	9C12	228	180	115	—	—	12	127	95.5	15-1/2	394	7	178	14-1/4	362	11,17,25,30,34,V	
	8C12	195	160	90	—	—	12	116	83	15-1/2	394	7	178	14-1/4	362	11,17,25,30,34,V	
920	8KFS	135	110	55	600	210	700	12	81	53	13-5/8	346	6-3/4	171	11-1/2	292	11,17,25,30,34

GROUP NO.	PART NO.	PERFORMANCE LEVEL				WARR.	WEIGHT (lbs)		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES		
		CCA	RES. CAP.	REF. CA	WARR.		WET	DRY	LENGTH		WIDTH		HEIGHT				
									in	mm	in	mm	in	mm			
12-VOLT PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE (continued)																	
78	878MF	875	120	1020	75	41	—	10-3/4	273	6-7/8	175	7-1/4	184	17,22			
	778MF	770	115	925	75	39	—							17,22			
	678MF	690	110	820	70	36.5	—							17,22			
	578MF	550	90	690	60	33.5	—							17,22			
	79	779MF	840	140	1000	75	43							—	12-1/16	307	7-1/16
85	685MF	650	110	775	70	35.5	—	9	229	6-7/8	175	8-1/8	206	22			
	86	686MF	720	100	860	70	34.5	—	9	229	6-7/8	175	8-1/8	206	22		
101	586MF	540	85	675	60	32	—	10-1/4	260	7-1/16	179	6-11/16	170	22			
	6101MF	650	110	810	70	36	—							22			
121R	6121RMF	540	80	665	70	29.5	—	8-1/4	210	6-15/16	177	8-1/8	206	22			
124R	6124RMF	670	110	810	70	38	—	10-1/4	260	6-7/8	175	8-3/8	212	22			
GROUP NO.	PART NO.	DIN CODE	PERFORMANCE LEVEL				WARR.	WEIGHT		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES	
			CCA	RES. CAP.	REF. CA	20 HR CAP		WARR.	WET	DRY	LENGTH		WIDTH		HEIGHT		
											in	mm	in	mm	in		mm
12-VOLT EUROPEAN PASSENGER CAR — LIGHT TRUCK — VAN — CALCIUM / SILVER MAINTENANCE-FREE																	
40R	640RMF	T6	650	105	810	50	70	37	11	278	6-7/8	175	6-7/8	175	17,22		
41	641MF		675	110	830	64	70	38	11-9/16	293	6-7/8	175	6-7/8	175	22		
42	642MF		475	70	590	40	70	29	9-9/16	242	6-7/8	175	6-7/8	175	17,22		
47	647MF	H5	600	95	750	60	70	36.5	9-9/16	242	6-7/8	175	7-1/2	190	17,22		
48	9AGM48	H6	760	120	875	70	70	45.5	11	278	6-7/8	175	7-1/2	190	13,17,22		
48	648MF	H6	700	120	875	70	70	42	11	278	6-7/8	175	7-1/2	190	17,22		
49	9AGM49	H8	900	180	1035	95	70	58.5	13-15/16	354	6-7/8	175	7-1/2	190	13,17,22		
49	649MF	H8	900	185	1080	100	70	56.5	13-15/16	354	6-7/8	175	7-1/2	190	17,22		
90	690MF	T5	600	90	745	45	70	33.5	9-9/16	242	6-7/8	175	6-7/8	175	17,22		
91	691MF	T6	700	100	875	50	70	36.5	11	278	6-7/8	175	6-7/8	175	17,22		
92	692MF	T7	650	130	780	75	70	37	12-1/2	317	6-7/8	175	6-7/8	175	17,22		
93	693MF	T8	800	145	960	65	70	46.5	13-15/16	354	6-7/8	175	6-7/8	175	17,22		
94R	694RMF	H7	765	135	910	80	70	45	12-7/16	315	6-7/8	175	7-1/2	190	17,22		
95R	695RMF	H9	850	190	1020	110	70	64.5	15-1/2	394	6-7/8	175	7-1/2	190	17,22		
96R	696RMF		600	90	745	45	70	33.5	9-9/16	242	6-7/8	175	6-7/8	175	17,22		
97R	697RMF	H5	600	95	750	60	70	36.5	9-9/16	242	6-7/8	175	7-1/2	190	17,22		
GROUP NO.	PART NO.	DIN CODE	PERFORMANCE LEVEL				WARR.	WEIGHT		MAXIMUM OVERALL DIMENSIONS						FOOTNOTES	
			CCA	RES. CAP.	REF. CA	20 HR CAP		WARR.	WET	DRY	LENGTH		WIDTH		HEIGHT		
											in	mm	in	mm	in		mm
12-VOLT VINTAGE VEHICLES & LIGHT COMMERCIAL																	
3EE	403E		400	95	485	30	42	—	19-1/4	489	4-1/4	108	9	229	11,25		
22NF	See page 3, Lawn Mower — Garden Tractor — Small Engine section.																
29NF	429NF		390	90	465	30	41	—	12-7/8	327	5-1/2	140	9	229	11,15,25		
53	353		290	62	360	20	32.5	—	13	330	4-3/4	121	8-3/8	213	11,15,25		
12-VOLT VALUE LINE MAINTENANCE-FREE																	
2670	VL70DT		450	60	560	55	27	—	8-3/4	222	6-7/8	175	8	203	14,16,17,22		
3478	VL78DT		525	80	650	55	32	—	10-3/4	273	6-7/8	175	8	203	14,16,17,22		
75/86	VL75DT		550	80	690	55	32	—	9-3/4	248	7	178	8-1/8	206	14,16,17,22		
2424R	VL24/24R		440	70	550	55	32	—	10-3/4	273	6-3/4	171	9	229	14,17,22		
26/26R	VL26/26R		440	60	560	55	27	—	8-3/4	222	6-3/4	171	8	203	14,17,22		
58	VL58		430	65	520	55	27.5	—	10	254	7-1/4	184	7	178	17,22		
65	VL65		650	120	865	55	38.5	—	12	305	7-3/8	187	7-5/8	194	17,22		
70	VL70		450	60	560	55	27	—	8-3/4	222	7	178	7-1/8	181	17,22		
75	VL75		475	65	590	55	28.5	—	9-3/4	248	7	178	7-1/4	184	17,22		
31	VL31		700	120	875	30	49.5	—	13	330	6-3/4	171	9-1/2	241	19,22,X		
31P	VL31P		700	120	875	30	49.5	—	13	330	6-3/4	171	9-1/2	241	19,22		
6-VOLT LIGHT TRUCK — FARM TRACTOR — OLDER MODEL PASSENGER CARS																	
1	701MF		625	125	770	20	30	—	9	229	6-7/8	175	8-3/4	222	25		
2E	402E		620	190	750	20	42	—	19-1/4	489	4	102	8-7/8	225	11,15,25		
19L	319L		440	120	560	20	26	—	8-1/4	210	6-3/4	171	7-1/2	191	11,15,25		
8-VOLT COMMERCIAL SERVICE																	
1	801		520	102	650	24	31.5	19	8-7/8	225	6-3/4	171	8-7/8	225	12,25,30		
6-VOLT HEAVY-DUTY COMMERCIAL SERVICE																	
1	901MF		650	180	815	30	33.5	18	9	229	6-7/8	175	8-3/4	222	21,25,30		
2	902		780	200	940	30	36.5	—	10-3/8	264	6-7/8	175	8-3/4	222	12,25		
3D	903DY		1400	675	1660	30	120	84	20-3/8	518	8-3/4	222	10	254	11,17,20,25,32		
3EH	93EH		925	250	1095	30	47.5	—	19-1/4	489	4-1/4	108	10	254	12,25		
4	904MF		1000	270	1220	30	47	—	12-1/2	318	6-7/8	175	9-1/2	241	21,25		
5D	905D		880	300	1100	30	50	—	13-3/8	340	7-1/8	181	9-1/4	235	12,25		
7D	907D		950	350	1120	30	59.5	34	15-3/4	400	7	178	9-1/8	232	11,25,31		
12-VOLT HEAVY-DUTY COMMERCIAL SERVICE																	
3ET	93ET		500	120	625	30	48	—	19-1/4	489	4-1/4	108	9-7/8	251	12,25		
4D	904D		1050	290	1280	30	99.5	58	20-3/4	527	8-1/2	216	10-1/8	258	12,17,25,31		
	804D		950	250	1160	30	97	—							12,17,25		
4DLT	94DLT		900	240	1065	30	80	—	20	508	8-1/8	206	8-1/8	206	12,19,25		
	908DMF		1500	450	1825	30	134	—	20-3/4	527	11	279	10	254	17,21,25		
908D		1400	430	1700	30	130	80	12,17,25,31									
	708D		1100	325	1340	30	117.5	—							12,17,25		
16TF	Use 8KFS as bolt-in substitute. See Page 3, 12-Volt Floor Scrubber and Sweeper section.																
17TF	917TF		530	150	630	30	58.5	—	17	432	6-7/8	175	8	203	11,15,19,25		
28	928MF		550	100	685	30	41.5	—	10-1/4	260	6-3/4	171	9-1/2	241	21,22,X		
30H	1130HMF		925	170	1110	30	57.5	—	13	330	6-3/4	171	9-1/2	241	19,21,22		
	930H		650	145	810	30	51	—							19,21,22		
31	1231MF		1125	195	1260	30	61	—	13	330	6-3/4	171	9-1/2	241	19,21,22,X		
	1131XMF		1000	185	1190	30	58	43							19,21,22,30,X		
	1131MF		950	175	1140	30	56.5	—							19,21,22,X		
	1031MF		760	170	910	30	54.5	—							19,21,22,X		
	931MF		650	145	810	30	51	—							19,21,22,X		
31P	1231PMF		1125	195	1260	30	61	—	13	330	6-3/4	171	9-1/2	241	19,21,22		
	1131XPMF		1000	185	1190	30	58	—							19,21,22		
	1131PMF		950	175	1140	30	56.5	—							19,21,22		
	1031PMF		760	170	910	30	54.5	—							19,21,22		
	931PMF		650	145	810	30	51	—							19,21,22		