

EVINRUDE

Service Bulletin

Service Department
EVINRUDE MOTORS
Milwaukee 16, Wisconsin

ELECTRICAL SYSTEM
BULLETIN NO. 460
JUNE 15, 1961

AUTOLITE - EVINRUDE CROSS REFERENCE 12 VOLT STARTER MOTOR PARTS

The Evinrude - Autolite cross reference will assist you when ordering service parts for starter motors used on the following models:

18 HP - 15922-15927 (In starter kits for 15028 thru 15035)

35 and 40 HP - 25930-25936-25532 and 35514 thru 35525

50 HP - 50514 thru 50519

75 HP - 50522 thru 50525

To use the cross reference, simply locate the desired part by number from the illustration, and obtain the Autolite model number stamped on the starter frame. Locate the part and the correct model in the cross reference. Reading across in line you will then find the Evinrude starter motor assembly number, the Autolite and Evinrude detailed part numbers, and the Evinrude price.

The Autolite model number and Evinrude assembly number are for starter motors only, not complete starter kits.

Prices listed are for current (1961) fiscal year only, and are subject to change without notice.

Order all parts from your Parts Distributor by Evinrude part numbers only.

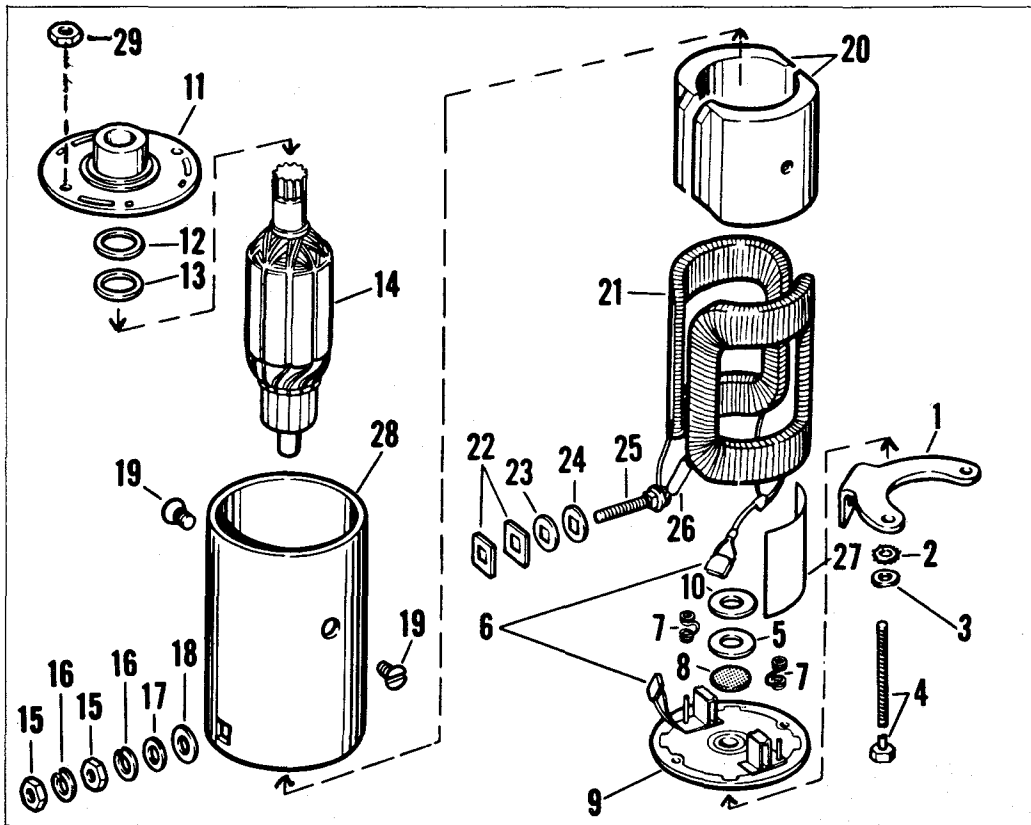
EVINRUDE MOTORS

Richard Bayley

Service Promotion
Manager

Richard Bayley
bh

ILLUSTRATION SHOWS TYPICAL STARTER MOTOR PARTS ONLY



STARTER MOTOR PARTS

PHOTO NO.	DESCRIPTION	STARTER MOTOR ASSEMBLIES		SERVICE DETAIL PARTS		
		AUTOLITE MODEL	EVINRUDE ASSY. NO.	AUTOLITE PART NO.	EVINRUDE PART NO.	SELLING PRICE
1	Bracket-mounting	MDW-4103M	278245	MDW-65	307341	\$.60
2	Lockwasher-SKPF-thru Bolt	MDW-4103M	278245	X-1745 A	306488	.03
		MDW-4104M	278232	X-1745 A	306488	.03
3	Washer-plain-thru bolt	MDW-4103M	278245	19H5-101	302471	.03
		MDW-4104M	278232	19H5-101	302471	.03
4	Thru bolt	MDO-4002M	376850	MDO-20	203864	.15
		MDO-4003M	377248	MDO-120	204382	.20
		MDW-4102M	278023	MDW-20	204591	Use 204763
		MDW-4102M	278023	MDW-21	204590	Use 204762
		MDW-4001M	278024	MDW-120	204592	Use 204761
		MDW-4103M	278245	MDW-220	204761	.75
		MDW-4104M	278232	MDW-320	204763	.75
		MDW-4104M	278232	MDW-420	204762	.75

Order all parts from your Parts Distributor by Evinrude part number only.

PHOTO NO.	DESCRIPTION	STARTER MOTOR ASSEMBLIES		SERVICE DETAIL PARTS		
		AUTOLITE MODEL	EVINRUDE ASSY. NO.	AUTOLITE PART NO.	EVINRUDE PART NO.	SELLING PRICE
5	Washer-Thrust-Armature C.E. 1/32 (as required)	MDO-4002M	376850	MDH-40	204587	\$.03
		MDO-4003M	377248	MDH-40	204587	.03
		MDW-4001M	278024	MDH-40	204587	.03
		MDW-4102M	278023	MDH-40	204587	.03
		MDW-4103M	278245	MDH-40	204587	.03
		MDW-4104M	278232	MDH-40	204587	.03
6	Brush set	MDO-4002M	376850	17-37	277707	Use 278244
		MDO-4003M	377248	17-37	277707	Use 278244
		MDW-4001M	278024	17-37	277707	Use 278244
		MDW-4102M	278023	17-37	277707	Use 278244
		MDW-4103M	278245	17-37	277707	Use 278244
		MDW-4104M	278232	17-37	277707	Use 278244
			17-40	278244	1.65	
7	Brush springs	MDO-4002M	376850	MDH-18	308141	.25
		MDO-4003M	377248	MDH-18	308141	.25
		MDW-4001M	278024	MDH-18	308141	.25
		MDW-4102M	278023	MDH-18	308141	.25
		MDW-4103M	278245	MDH-18	308141	.25
		MDW-4104M	278232	MDH-18	308141	.25
8	Pad - Felt	MDO-4002M	376850	MDH-42	308137	.03
		MDO-4003M	377248	MDH-42	308137	.03
		MDW-4001M	278024	MDH-42	308137	.03
		MDW-4102M	278023	MDH-42	308137	.03
		MDW-4103M	278245	MDH-42	308137	.03
		MDW-4104M	278232	MDH-42	308137	.03
9	Head Assy., Commutator End	MDO-4002M	376850	19-36	278235	Use 278243
		MDO-4003M	377248	19-36	278235	Use 278243
		MDW-4102M	278023	19-36	278235	Use 278243
		MDW-4001M	278024	19-35	278165	Use 278242
		MDW-4103M	278245	19-40	278242	4.65
		MDW-4104M	278232	19-39	278243	4.65
10	Washer-Thrust-Armature C.E.	MDW-4103M	278245	MDH-39	204760	.03
		MDW-4104M	278232	MDH-39	204760	.03
11	Head-Drive End	MDO-4003M	377248	22-11	278022	Use 278238
		MDW-4001M	278024	22-11	278022	Use 278238
		MDW-4103M	278245	22-11	278022	Use 278238
		MDO-4002M	376850	22-12	277705	Use 278236
		MDW-4102M	278023	22-12	277705	Use 278236
		MDW-4104M	278232	22-12	277705	Use 278236
					22-15	278238
			22-14	278236	2.95	

Order all parts from your Parts Distributor by Evinrude part number only.

PHOTO NO.	DESCRIPTION	STARTER MOTOR ASSEMBLIES		SERVICE DETAIL PARTS		
		AUTOLITE MODEL	EVINRUDE ASSY. NO.	AUTOLITE PART NO.	EVINRUDE PART NO.	SELLING PRICE
12	Washer-Thrust-Armature-D.E. .042	MDO-4002M	376850	MDO-38	204588	\$.05
		MDO-4003M	377248	MDO-38	204588	.05
		MDW-4001M	278024	MDO-38	204588	.05
		MDW-4102M	278023	MDO-38	204588	.05
		MDW-4103M	278245	MDO-38	204588	.05
		MDW-4104M	278232	MDO-38	204588	.05
		13	Washer-Thrust-Armature-D.E. 1/32	MDO-4002M	376850	MDH-37
MDO-4003M	377248			MDH-37	204589	.03
MDW-4001M	278024			MDH-37	204589	.03
MDW-4102M	278023			MDH-37	204589	.03
MDW-4103M	278245			MDH-37	204589	.03
MDW-4104M	278232			MDH-37	204589	.03
14	Armature			MDO-4002M	376850	MDO-2006
		MDO-4003M	377248	MDO-2106	278160	23.50
		MDW-4001M	278024	16-72	278161	Use 278240
		MDW-4102M	278023	16-76		Use 278241
		MDW-4103M	278245	16-80	278240	22.85
		MDW-4104M	278232	16-79	278241	21.65
		15	Nut-Terminal Stud	MDO-4002M	376850	X-3275
MDO-4003M	377248			X-3275	303932	.05
MDW-4001M	278024			X-3275	303932	.05
MDW-4102M	278023			X-3275	303932	.05
MDW-4103M	278245			X-3275	303932	.05
MDW-4104M	278232			X-3275	303932	.05
16	Lockwasher-Terminal Stud and Thru Bolt			MDO-4002M	376850	43-7
		MDO-4003M	377248	43-7	306396	.03
		MDW-4001M	278024	43-7	306396	.03
		MDW-4102M	278023	43-7	306396	.03
		MDW-4103M	278245	43-7	306396	.03
		MDW-4104M	278232	43-7	306396	.03
		17	Washer-Plain-Terminal Stud-Outer	MDO-4002M	376850	SSA-43A
MDO-4003M	377248			SSA-43A	308140	.05
MDW-4001M	278024			SSA-43A	308140	.05
MDW-4102M	278023			SSA-43A	308140	.05
MDW-4103M	278245			SSA-43A	308140	.05
MDW-4104M	278232			SSA-43A	308140	.05
18	Washer-Insulating Terminal Stud-Outer			MDO-4002M	376850	MAK-49A
		MDO-4003M	377248	MAK-49A	308142	.05
		MDW-4001M	278024	MAK-49A	308142	.05
		MDW-4102M	278023	MAK-49A	308142	.05
		MDW-4103M	278245	MAK-49A	308142	.05
		MDW-4104M	278232	MAK-49A	308142	.05

Order all parts from your Parts Distributor by Evinrude part number only.

PHOTO NO.	DESCRIPTION	STARTER MOTOR ASSEMBLIES		SERVICE DETAIL PARTS		
		AUTOLITE MODEL	EVINRUDE ASSY. NO.	AUTOLITE PART NO.	EVINRUDE PART NO.	SELLING PRICE
19	Screw-Pole Shoe	MDO-4002M	376850	19X1521	308135	\$.05
		MDO-4003M	377248	19X1521	308135	.05
		MDW-4001M	278024	19X1521	308135	.05
		MDW-4102M	278023	19X1521	308135	.05
		MDW-4103M	278245	19X1521	308135	.05
		MDW-4104M	278232	19X1521	308135	.05
20	Pole Shoe		*		*	
21	Field Coil, Stud & Insulating Tube Assy.	MDW-4104M	278232	20-57	378469	8.30
		MDW-4103M	278245	20-58	378468	8.30
		MDO-4002M	376850	20-59	378466	6.60
		MDO-4003M	377248	20-60	*	
		MDW-4001M	278024	20-61	*	
		MDW-4102M	278023	20-62	378467	7.00
22	Bushing-Insulated-Terminal Stud	MDO-4002M	376850	MDO-43	308126	.05
		MDO-4003M	377248	MDO-43	308126	.05
		MDW-4001M	278024	MDO-43	308126	.05
		MDW-4102M	278023	MDO-43	308126	.05
		MDW-4103M	278245	MDO-43	308126	.05
		MDW-4104M	278232	MDO-43	308126	.05
23	Washer-Insulating-Terminal Stud-Inner	MDO-4002M	376850	MDO-42	308143	.05
		MDO-4003M	377248	MDO-42	308143	.05
		MDW-4001M	278024	MDO-42	308143	.05
		MDW-4102M	278023	MDO-42	308143	.05
		MDW-4103M	278245	MDO-42	308143	.05
		MDW-4104M	278232	MDO-42	308143	.05
24	Washer-Plain-Terminal Stud-Inner	MDO-4002M	376850	MDO-53	308139	.05
		MDO-4003M	377248	MDO-53	308139	.05
		MDW-4001M	278024	MDO-53	308139	.05
		MDW-4102M	278023	MDO-53	308139	.05
		MDW-4103M	278245	MDO-53	308139	.05
		MDW-4104M	278232	MDO-53	308139	.05
25	Stud-Terminal	MDO-4002M	376850	MDO-22	308136	.20
		MDO-4003M	377248	MDO-22	308136	.20
		MDW-4001M	278024	MDO-22	308136	.20
		MDW-4102M	278023	MDO-22	308136	.20
		MDW-4103M	278245	MDW-22	308125	.05
		MDW-4104M	278232	MDW-22	308125	.05
26	Tube-Insulating-Field Lead	MDO-4002M	376850	VRB-27C	308146	.05
		MDO-4003M	377248	VRB-27C	308146	.05
		MDW-4103M	278245	VRB-27J	308145	.03
		MDW-4104M	278232	VRB-27J	308145	.03
		MDW-4001M	278024	VRB-27L	308144	.03
		MDW-4102M	278023	VRB-27L	308144	.03

Order all parts from your Parts Distributor by Evinrude part number only.
 *Not sold separately. Contact Autolite Dealer for service on these parts.

PHOTO NO.	DESCRIPTION	STARTER MOTOR ASSEMBLIES		SERVICE DETAIL PARTS		
		AUTOLITE MODEL	EVINRUDE ASSY. NO.	AUTOLITE PART NO.	EVINRUDE PART NO.	SELLING PRICE
27	Insulation-Field Coil	MDO-4002M	376850	MDO-52	308138	\$.03
		MDO-4003M	377248	MDO-52	308138	.03
		MDW-4001M	278024	MDO-52	308138	.03
		MDW-4102M	278023	MDO-52	308138	.03
		MDW-4103M	278245	MDO-52	308138	.03
		MDW-4104M	278232	MDO-52	308138	.03
28	Frame		*		*	
29	Nut-Thru Bolt	MDO-4002M	376850	X-3075	308155	.03
		MDO-4003M	377248	X-3075	308155	.03
		MDW-4001M	278024	X-3075	308155	.03
		MDW-4102M	278023	X-3075	308155	.03

*Not sold separately. Contact Autolite Dealer for service on these parts.

Order all parts from your Parts Distributor by Evinrude part number only.