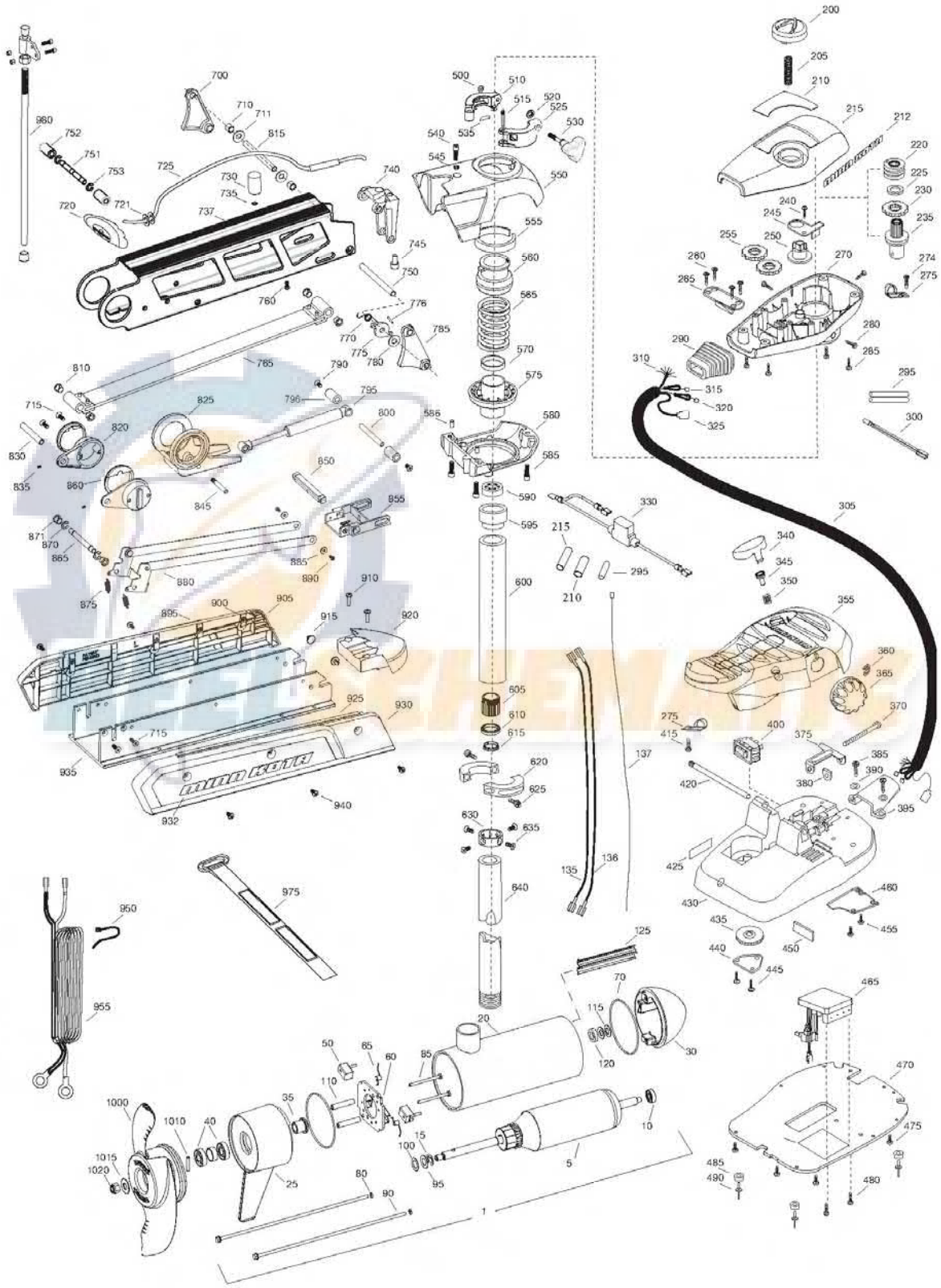
FORTREX 80
80 LBS THRUST
24 VOLT 56 AMPS
45" SHAFT

for use with "O" serial numbers
2-year warranty



Item	P/N	Description	Qty
1	2316216	24V Motor 45” FW	1
	2326240	24V Motor US2 45”	1
5	2-100-214	Armature assembly	1
10	140-010	Bearing	1
15	788-040	Retaining ring	1
20	2-200-160	Center housing assemby	
25	2-300-160	Brush end housing assembly	1
30	421-276	Plain end housing assembly STD	1
	9421-288	Plain end housing US2 45”	1
35	144-017	Flange bearing	1
40	880-025	Seal	2
50	188-094	Brush	2
60	9-738-004	Brush plate assembly	1
65	975-041	Brush spring	2
70	701-043	O-ring, motor	2
80	701-009	O-ring, thru-bolt	2
85	830-027	Screw, 10-32 x 2	2
90	830-094	Thru-bolt	2
95	990-051	Washer, steel	2
100	990-052	Washer, nylatron	2
110	973-025	Spacer, brush plate	2
115	992-010	Washer, Belleville	2
120	990-045	Spacer, thrust	1
125	582-013	Clip, retaining, short, US2 only	1
135	640-015	Leadwire, black	1
136	640-119	Leadwire, red	1
137	640-315	Groundwire, brown, US2 only	1
200	2990140	Indicator assembly	1
205	2282730	Spring, indicator	1
210	2285605	Decal, Cover 80#, fw	1
	2285606	Decal, Cover 80# US2, fw	1
212	2285616	Decal, Control box, fw	2
215	2280200	Cover, control box	1
220	2232360	Pulley, cable drum	1
225	2261730	Washer, nylon	1
230	2267800	Gear, indicator	1
235	2996247	Top bearing, pinion drive	1
240	2301310	Screw 8-18 x 1/2	1
245	2261905	Bracket, indicator	1
250	2262221	Indicator, drive	1
255	2267800	Gear, indicator	2
260	2223430	Screw 8 x 3/4	4
265	2261901	Bracket, conduit	1
270	2282500	Control box	1
274	2372100	8-18 x 5/8	1
275	2263201	Clamp, wire harness	2
280	2053414	8-32 x 1/2 tri-lobe	3
285	2372100	Screw 8-18 x 2/8	4
290	2265110	Boot, control box	1
295	2355410	Shrik tube 3/8	3
300	2264015	Light, indicator	1
305	2265430	Cable jacket, 5’	1
310	2261220	Wire harness, max	1
315	2267505	Cable assembly, right, 5’	1
320	2267515	Cably assembly, left, 5’	1
325	2211410	Cable extension, US2 175”	1
330	2218200	Fuse holder assembly US2 only	1
340	2993705	Push button w/ magnet	1
345	2260810	Clip, reed sensor	1
350	2302732	Spring, pedal button	1
355	2994496	Foot pedal w/ plug	1
360	2263000	E-ring, knob	1
365	2280115	Knob, speed control VARS	1
370	2263466	Screw 1/4-20 x 2	1
375	2263210	Bracket, conduit adjustment	1
380	2263140	Nylock keeper	1
385	2372100	Screw 8-18 x 5/8	2
390	2261714	Washer, max foot pedal	2
395	2265115	Boot, foot pedal	1
400	2254031	Switch, mom/off/con	1
415	2332103	Screw 6-20 x 3/8	1
420	2260511	Pin, pivot, foot pedal	1
425	2266610	Decal, on/off switch	1
430	2992104	Foot pedal base	1
435	2262301	Pully, foot pedal	1
440	2266401	Cover, pulley	1
445	2301310	Screw 8-18 x 1/2	2
450	2266413	Tension Screw	1
455	2332103	Screw 6-20 x 3/8	2
460	2266412	Switch plate, foot pedal	1
465	2264056	Control board max 24/36	1
470	2264511	Bottom plate, max	1
475	2372100	Screw 8-18 x 5/8	5
480	2223455	Screw 10-32 x 1/2 zp	2
485	2265126	Bumper pad, foot pedal	4
490	2378600	Pop rivet, 3/16 x 3/4 alum	4
■	2991550	Clamp collar assembly	1
500	2073102	Nut, 1/4-28 ss	1
510	2071550	Collar clamp, “A” side	1
515	2072621	Pin, knurled	1
520	2071718	Washer #10 nylon retaining	1
525	2071555	Collar clamp, “B” side	1
530	2281505	Knob - Soft grip, FW	1
535	2075120	Pad, urethane, depth collar	1
540	2263422	Screw 5/16-18 x 1	1
545	2281700	Washer 5/16 Lock	1
■	2991754	Bow guard assembly 45”	1
550	2281942	Bracket, top	1
555	2280001	Bearing, top bracket	1
560	2071541	Spring sleeve, upper	1
565	2282700	Spring, bowguard	1
570	2281525	Spacer, Spring 62” only	1
575	2281520	Spring sleeve, lower	1
580	2991725	Bracket, bottom	1
585	2263423	Screw 5/16-18 x 1 SHCS	3
586	2262632	Pin, spring 1/4 x 5/8	2
590	2266000	Bearing, ball, steel	1
595	2266260	Bearing race	1
600	2992085	Tube w/ bearing race 21”	1
605	2267307	Bushing outer tube	1
610	2266116	Bearing, Cartridge	1
615	2266001	Bearing, split ring	1
620	2261622	Collar half	2
625	2263453	Screw, 1/4-20 x 1 SHCS	2
630	2071560	Collar, Tube	1
635	2223468	Screw 8-32 x 7/16 flt hd	4
640	2032003	Tube 45”	1
■	2991746	Mount, Fortrex, short	1
700	2280800	Link, bowguard mount, left	1
710	2287303	Bushing, upper pins	2
711	2287304	Bushing, delrin	2
715	2283409	Screw, 1/4-20 x 1” FHSC	4
720	2880400	Pull grip assembly	1
721	2261732	Washer	2
725	2771601	Rope assembly	1
730	2281516	Spacer, inner arm	1
735	2281702	Washer, lock 1/4	1
737	2284202	Outer arm	1
740	2992302	Rope guide assembly	1
745	2281530	Insert, threaded	1
750	2282608	Pin, 7/16 x 5 5/32	1
751	2282602	Pin, 3/8 x 3 3/4	1
752	2261505	Spacer	2
753	2263011	E-ring, 3/8 shaft	2
760	2223418	Screw, 1/4-20 x 1/2 BHCS	1
765	2993819	Inner arm assembly, short	1
770	2042711	Spring, torsion	1
775	2283620	Latch, safety	1
776	2282611	Pin, safety latch	1
780	2281704	Washer 7/16 nylon	1
785	2280805	Link, bowguard mount, right	1
790	2283410	Screw 1/4-20 x 1/2 PFH	2
795	2288400	Gas spring (cylinder)	1
796	2281710	Spacer, gas spring	2
800	2282610	Pin, upper, shock	1
810	2280005	Bearing, nyliner 7/16”	4
815	2282600	Pin, 7/16 x 4 7/8	1
820	2281932	Bracket, rear pivot	2
825	2281501	Yoke, shock mount	1
830	2282606	Pin, 7/16 x 4 1/2	1
835	2283402	Screw, set, 6-32 x 1/4	2
845	2282604	Pin, Knurled 5/16 x 2	1
850	2283615	Latch bar	1
855	2283610	Bracket - latch/strap, rope pull	1
860	2287300	Bushing, rear pivot	2
865	2282602	Pin, 3/8 x 3 3/4	1
870	2263011	E-ring, 3/8 shaft	2
871	2280008	Bearing, Iglide	2
875	2282720	Spring, extension	2
880	2773600	Latch strap assembly, short	1
885	2261732	Washer 8, nylon	2
890	2373450	Screw 8-18 x 3/8	2
■	2993910	Sideplate assembly, short, left, fw	1
895	2288625	Support, left sideplate	1
900	2283408	Screw 8 x 3/8	8
905	2283910	Sideplate, short, left, fw	1
910	2073408	Screw 1/4-20 x 7/8	2
915	2286700	Plug, spacer	2
920	2283900	Ramp, motor	1
■	2993920	Sideplate assembly, short, right, fw	1
925	2288620	Support, right sideplate	1
930	2283920	Sideplate, short, right, fw	1
932	2285502	Decal, Sideplate, fw	2
935	2281902	Base extrusion short	1
940	2323405	Screw 1/4-20 x 1/2	6
950	2256300	Tiewrap	1
955	2261238	Leadwire	1
975	2773806	Strap hold down	1
980	2991928	Bracket stabilizer assembly (not included with 45” model)	
■	1378132	Propeller kit WW2	
■	2994876	Propeller bag assy	
1000	2331160	Propeller WW2	1
1010	2262658	Drive pin, large	1
1015	2091701	Washer, prop, large	1
1020	2093101	Nut, nylock, prop, large	1
■	2994887	Mounting hardware bag assy	
■	2889460	Seal & Oring Kit	

* This item is part of an assembly. This item cannot be sold separately due to machining and /or assembly that is required.

THIS IS A UNIVERSAL MULTI-VOLTAGE DIAGRAM. DOUBLE CHECK YOUR MOTORS VOLTAGE FOR PROPER CONNECTIONS
CECI EST UN SCHÉMA À TENSION MULTIPLE UNIVERSEL. REVÉRIFIEZ LA TENSION DE VOTRE MOTEUR POUR BIEN LE BRANCHER.

Fortrex 80 is 24-volt only!

