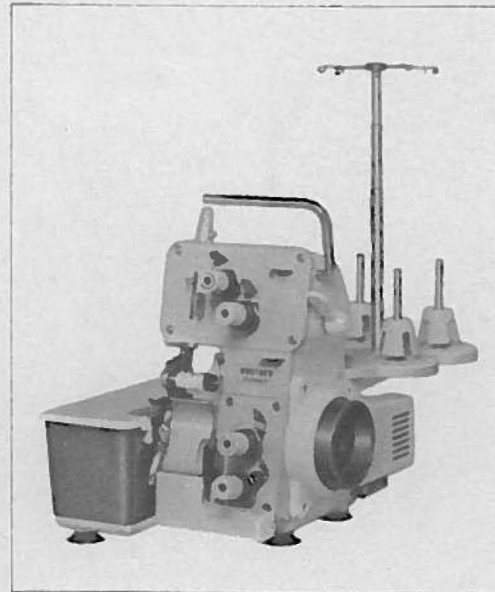
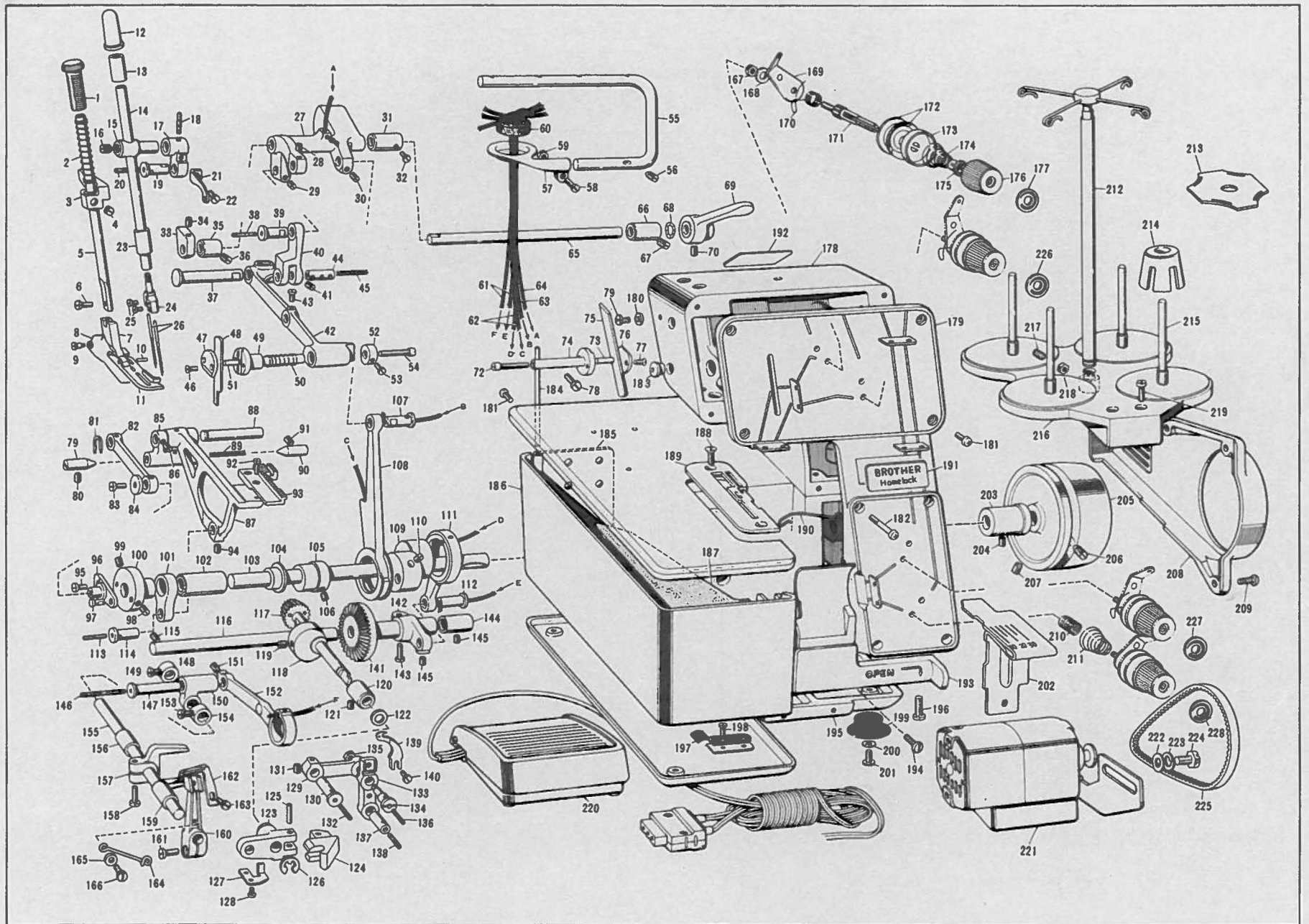


PARTS BOOK
FOR
BROTHER TE4-B503



Please clarify Ref. No. and
Parts No. as well as parts name
When you place an order.



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Ref. No.	Name of Parts	Q'ty	Parts No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Ref. No.	Name of Parts	Q'ty	Parts No.
A-1	Presser Foot Adjusting Screw	1 pos.	142860-0-01	A-78	Set Screw for A-74	1 pce.	100154-0-02	A-155	Chain Stitch Lever Shaft	1 pce.	142888-0-00
A-2	Presser Bar Spring	1 "	142859-0-01	A-79	Center Pin	1 "	102436-0-01	6A-156	Bushing (Rear) for A-155	1 "	142824-0-00
A-3	Presser Bar Bracket	1 "	142933-0-00	A-80	Set Screw for A-79	1 "	107555-0-01	A-157	Chain Stitch Driving Fork	1 "	142886-0-01
A-4	Set Screw for A-3	1 "	100058-0-03	A-81	Stopper Ring	1 "	103290-0-01	A-158	Set Screw for A-157	1 "	107423-0-01
A-5	Presser Bar	1 "	142857-0-01	A-82	Feed Link	1 "	142849-0-01	A-159	Bushing (Front) for A-155	1 "	142823-0-00
A-6	Set Screw for A-7	1 "	100137-0-04	A-83	Set Screw for A-96	1 "	100541-0-01	A-160	Chain Stitch Looper Holder	1 "	142887-0-01
A-7	Presser Foot Upper	1 "	142853-0-01	A-84	Washer for A-96	1 "	116199-0-01	A-161	Set Screw for A-160	1 "	100320-0-03
A-8	Spring for A-11	1 "	142856-0-01	A-85	Feed Lever	1 "	142846-0-01	A-162	Chain Stitch Looper	1 "	142889-0-01
A-9	Stud Screw for A-8	1 "	112106-0-02	A-86	Set Screw for A-88	1 "	107555-0-01	A-163	Set Screw for A-162	1 "	100257-0-06
A-10	Pin	1 "	047200-8-42	A-87	Feed Bar	1 "	142844-0-01	A-164	Thread Take-up	1 "	147067-0-01
A-11	Presser Foot Lower	1 "	147070-0-01	A-88	Feed Bar Shaft	1 "	142845-0-01	A-165	Washer for A-164	1 "	106161-0-03
A-12	Needle Bar Cap	1 "	147043-0-00	A-89	Wick for A-85	1 "	142869-0-00	A-166	Set Screw for A-164	1 "	100257-0-06
A-13	Needle Bar Bushing Upper	1 "	142819-0-00	A-90	Center Pin	1 "	116605-0-01	A-167	Nut	4 pcs.	102853-0-01
A-14	Needle Bar	1 "	142832-0-01	A-91	Set Screw for A-90	1 "	107555-0-01	A-168	Washer	4 "	112315-0-01
A-15	Needle Bar Connecting Stud	1 "	121586-0-01	A-92	Set Screw for A-93	2 pcs.	100080-0-01	A-169	Thread Guide Plate	4 "	142901-0-01
A-16	Set Screw for A-15	1 "	100289-0-02	A-93	Feed Dog	1 pce.	142851-0-01	A-170	Thread Take-up Spring	3 "	142903-0-01
A-17	Needle Bar Connecting Link	1 "	142830-0-00	A-94	Set Screw for A-114	1 "	107555-0-01	A-171	Tension Control Stud	4 "	142902-0-01
A-18	Felt for A	1 "	142831-0-00	A-95	Set Screw for A-96	1 "	100541-0-01	A-172	Tension Disc	8 "	145446-0-01
A-19	Link Shaft	1 "	142827-0-01	A-96	Feed Eccentric Plate	1 "	142847-0-01	A-173	Tension Disc Washer	4 "	144103-0-01
A-20	Felt for A-19	1 "	117429-0-01	A-97	Feed Eccentric Plate Stud	1 "	142848-0-01	A-174	Tension Spring	3 "	142904-0-01
A-21	Needle Thread Take-up	1 "	142909-0-01	A-98	Set Screw for A-100	1 "	102716-0-03	A-175	Tension Spring Washer	4 "	105228-0-01
A-22	Set Screw for A-21	1 "	100242-0-03	A-99	Set Screw for A-100	2 pcs.	107086-0-01	A-176	Tension Control Knob	4 "	147068-0-01
A-23	Needle Bar Bushing Lower	1 "	142820-0-00	A-100	Feed Eccentric Wheel	1 pce.	142814-0-01	A-177	Tension Indicating Plate	1 pce.	147049-0-01
A-24	Needle Clamp	1 "	142833-0-01	A-101	Feed Lifting Lever	1 "	142850-0-00	A-178	Machine Body	1 "	142800-0-02
A-25	Set Screw for A-26	2 pcs.	120049-0-03	A-102	Bushing (Left) for A-103	1 "	142818-0-00	A-179	Panel	1 "	142803-0-02
A-26	Needle TE X1 #14	2 "	142935-0-14	A-103	Main Driving Shaft	1 "	142812-0-01	A-180	Vinyl Washer	1 "	142932-0-00
A-27	Needle Bar Driving Lever	1 pce.	142828-0-00	A-104	Set Collar	1 "	142929-0-00	A-181	Ø Screw 4 X 8	10 pcs.	002400-8-01
A-28	Set Screw for A-18	1 "	107555-0-01	A-105	Chain Stitch Rod Cam	1 "	142815-0-01	A-182	Ø Screw 4 X 25	2 "	002402-5-01
A-29	Set Screw for A-39	1 "	107555-0-01	A-106	Set Screw for A-105	2 pcs.	107555-0-01	A-183	Hinge Cap	4 "	114255-0-01
A-30	Set Screw for A-27	1 "	107555-0-01	A-107	Needle Bar Rod Stud	1 pce.	142827-0-01	A-184	Hinge Pin	1 pce.	112248-0-01
A-31	Stopper Collar	1 "	142862-0-00	A-108	Needle Bar Rod	1 "	142826-0-00	A-185	Hinge for Cloth Plate Cover	1 "	142864-0-01
A-32	Set Screw for A-31	1 "	100242-0-03	A-109	Needle Bar Eccentric Wheel	1 "	142813-0-01	A-186	Cloth Plate Cover	1 "	142807-0-01
A-33	Presser Bar Lifter Cam	1 "	142861-0-01	A-110	Set Screw for A-109	2 pcs.	107086-0-01	A-187	Cloth Plate Cover Cushion	1 "	142918-0-00
A-34	Set Screw for A-33	1 "	104869-0-02	A-111	Looper Rod	1 pce.	142865-0-00	A-188	Set Screw for A-189	2 pcs.	107231-0-01
A-35	Bushing (Left)	1 "	142822-0-00	A-112	Rod Pin	1 "	142827-0-01	A-189	Needle Plate	1 pce.	142834-0-01
A-36	Set Screw for A-35	1 "	107555-0-01	A-113	Felt	1 "	117428-0-01	A-190	Looper Thread Guide	1 "	142897-0-01
A-37	Upper Knife Driving Lever Shaft	1 "	142938-0-01	A-114	Rod Pin	1 "	142827-0-01	A-191	Name Plate	1 "	147065-0-01
A-38	Felt for A-39	1 "	117429-0-01	A-115	Set Screw for A-116	1 "	107555-0-01	A-192	Medallion	1 "	147064-0-01
A-39	Stud for A-40	1 "	142827-0-01	A-116	Looper Connecting Shaft	1 "	142870-0-01	A-193	Front Cover	1 "	147058-0-01
A-40	Upper Knife Driving Lever	1 "	142836-0-02	A-117	Looper Shaft Gear	1 "	142872-0-01	A-194	Screw for A-193	1 "	100137-0-04
A-41	Set Screw for A-37	1 "	107555-0-01	A-118	Chain Stitch Driving Cam	1 "	142885-0-00	A-195	Oil Pan	1 "	142809-0-02
A-42	Upper Knife Driving Lever	1 "	142837-0-02	A-119	Set Screw for A-118	1 "	107555-0-01	A-196	Set Screw for A-195	3 pcs.	009781-4-12
A-43	Set Screw for A-42	1 "	102850-0-01	A-120	Bushing for A-117	1 "	142821-0-00	A-197	Spring Plate for A-185	1 pce.	142808-0-01
A-44	Link Shaft for A-40	1 "	112372-0-01	A-121	Set Screw for A-120	1 "	107555-0-01	A-198	Set Screw for A-197	2 pcs.	100242-0-03
A-45	Wick for A-44	1 "	112373-0-01	A-122	Washer	1 "	106181-0-03	A-199	Cushion	4 "	142810-0-00
A-46	Set Screw for A-47	2 pcs.	106202-0-01	A-123	Looper Lever	1 "	147052-0-01	A-200	Washer	4 "	025710-1-32
A-47	Presser Plate for Knife	1 pce.	142839-0-01	A-124	Looper Lever Stopper	1 "	147053-0-01	A-201	Set Screw for A-199	4 "	142957-0-01
A-48	Upper Knife	1 "	142930-0-01	A-125	Spring Pin	1 "	047301-0-42	A-202	Front Cover for Double-Chain-Stitch	1 pce.	147040-0-01
A-49	Upper Knife Holder	1 "	142838-0-01	A-126	Stop Ring	1 "	048060-3-42	A-203	Bushing (Right) for A-103	1 "	142817-0-00
A-50	Upper Knife Presser Spring	1 "	112386-0-01	A-127	Spring Plate	1 "	147054-0-01	A-204	Set Screw for A-203	1 "	107555-0-01
A-51	Upper Knife Presser Pin	1 "	112381-0-01	A-128	Set Screw for A-127	2 pcs.	120049-0-03	A-206	Pulley	1 "	142816-0-02
A-52	Upper Knife Holder Guide	1 "	142840-0-01	A-129	Looper Guide Lever	1 pce.	142879-0-01	A-206	Set Screw for A-205	1 "	112192-0-01
A-53	Set Screw for A-52	1 "	100242-0-03	A-130	Stud for A-129	1 "	142880-0-01	A-207	Set Screw for A-206	1 "	100062-0-02
A-54	Set Screw for A-48	1 "	142939-0-01	A-131	Set Screw for A-130	1 "	107555-0-01	A-208	Pulley Cover	1 "	147046-0-00
A-55	Thread Guide	1 "	142911-0-01	A-132	Wick for A-130	1 "	112373-0-01	A-209	Set Screw for A-208	3 pcs.	002400-8-01
A-56	Set Screw for A-55	1 "	110078-0-01	A-133	Looper Link	1 "	142877-0-01	A-210	Spring	1 pce.	142807-0-01
A-57	Oil Saucer	1 "	142891-0-00	A-134	Stud Screw for A-133	1 "	142878-0-01	A-211	Tension Spring for Chain Stitch	1 "	142908-0-01
A-58	Set Screw for A-67	1 "	100185-0-03	A-135	Nut	1 "	110161-0-02	A-212	Spool Stand	1 "	142917-0-01
A-59	Nut	1 "	106129-0-01	A-136	Felt	1 "	142831-0-00	A-213	Spool Stand Colour Plate	1 "	147047-0-01
A-60	Oil Saucer Felt	1 "	142892-0-01	A-137	Link for A-133	1 "	112282-0-01	A-214	Spool Cushion	4 pcs.	147060-0-00
A-61	Wick E & F	2 pcs.	142893-0-00	A-138	Felt for A-137	1 "	112293-0-01	A-215	Spool Pin	4 "	142914-0-01
A-62	Wick C & D	2 "	142894-0-00	A-139	Spreader	1 "	142881-0-01	A-216	Spool Stand Base	1 pce.	142813-0-02
A-63	Wick B	1 pce.	142895-0-00	A-140	Set Screw for A-139	1 "	100137-0-03	A-217	Set Screw for A-212	1 "	104889-0-02
A-64	Wick A	1 "	142896-0-00	A-141	Looper Connecting Gear	1 "	142887-0-01	A-218	Nut for A-212	1 "	102571-0-03
A-65	Needle Bar Driving Lever Shaft	1 "	142829-0-01	A-142	Looper Connecting Lever	1 "	142866-0-00	A-219	Set Screw for A-216	2 pcs.	107428-0-02
A-66	Bushing (Right) for A-65	1 "	142821-0-00	A-143	Set Screw	1 "	107428-0-02	A-220	Controller	1 pce.	
A-67	Set Screw for A-66	1 "	107555-0-01	A-144	Bushing for A-116	1 "	142824-0-00	A-221	Motor	1 "	
A-68	Spring Washer	1 "	120265-0-01	A-145	Set Screw for A-144	2 pcs.	107555-0-01	A-222	Washer	1 "	100197-0-04
A-69	Presser Bar Lifter	1 "	142863-0-02	A-146	Felt	1 pce.	117429-0-01	A-223	Spring Washer	1 "	203736-0-01
A-70	Set Screw for A-69	1 "	013710-7-13	A-147	Stud for A-150	1 "	142883-0-01	A-224	Set Bolt for Motor	1 "	103741-0-01
A-71	Set Screw	1 "	100267-0-07	A-148	Set Collar for A-150	1 "	142871-0-01	A-225	Motor Belt	1 "	117153-0-00
A-72	Set Screw for A-75	1 "	142939-0-01	A-149	Set Screw for A-148	2 pcs.	111443-0-01	A-226	Tension Indicating Plate	1 "	147049-0-02
A-73	Lower Knife Presser Pin	1 "	142842-0-01	A-150	Looper Feeding Lever	1 pce.	142884-0-01	A-227	Tension Indicating Plate	1 "	147049-0-03
A-74	Lower Knife Holder	1 "	142841-0-01	A-151	Set Screw for A-147	1 "	107555-0-01	A-228	Tension Indicating Plate	1 "	147049-0-04
A-75	Lower Knife	1 "	142858-0-01	A-152	Chain Stitch Rod	1 "	142882-0-01				
A-76	Lower Knife Presser Plate	1 "	142839-0-01	A-153	Set Screw A-154	2 pcs.	111443-0-01				
A-77	Set Screw for A-76	2 pcs.	106202-0-01	A-154	Set Collar for A-150	1 pce.	142871-0-01				



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