MODEL KM-JNR INSTRUCTION BOOK AND PARTS LIST



KM-JNR

KM-JNR instructions

- 1. Fill oil cup A, be sure oil goes into smooth, if not, remove obstruction.
- 2. Push in E and turn the machine by hand for a few revolutions to make sure the oil is spread over contact surfaces.
- 3. The sharpener must be always up in locked position when starting.

- a. Keep the machine in warm place in cold weather.
 b. Repeat short on & off before permitting the machine to run continuously for preventing excessive friction between contact surfaces.
 Do not use too much oil. Do not use sewing machine oil. Use KM oil or a least good grade of No. 30 motor oil.
 c. In case your cutter is of DUAL SPEED TYPE, please take care of the following two points:
 d. (1) Be sure to select the switch to the upper high speed (HI) in starting, and then, when full revolution has been attained, to the lower speed (LO). The switch is put off by selecting the intermediate OFF.

- (2) The continuous operation at low speed (LO) should be no more than 30 minutes. DO NOT OPERATE FOR MORE THAN 30

LUBRICATION

U	MICATION		
	EVERY 2 HOURS DAILY	ONCE A WEEK	ONCE A MONTH
	1. Fill oil tank A (no need to oil at connecting rod bearing)	One drop oil to: 1. Tubes- I & J 2. Turn Knob-E 3. Pulley Shaft-C 4. Belt Pulleys-B	Remove D plug and insert KM grease tube. Give a pea-size amount to the opening.

SHAPENER OPERATION

- 1. Put the machine away from piles of material.
- 2. Turn the power on. Drop pressure foot by lever located next to operating handle
 3. Press lever G downward firm but not too quick.

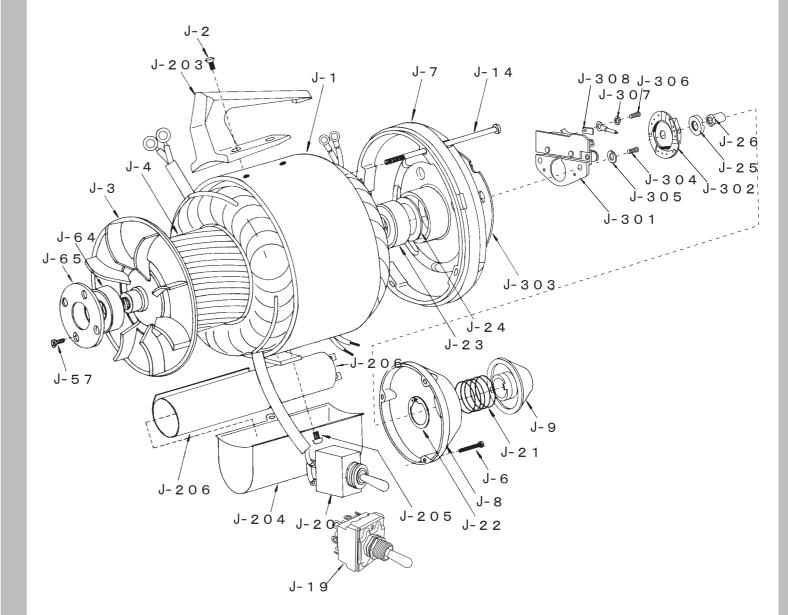
BE CAREFUL

- a. Do not operate sharpener without knife in machine.b. Do not operate sharpener with cutting material laid in machine.
- c. Do not shut off motor while sharpener is in motion.
 d. If lever G is locked in halfway by too quick operation,' lift lever H to unlock and start again.

CARE

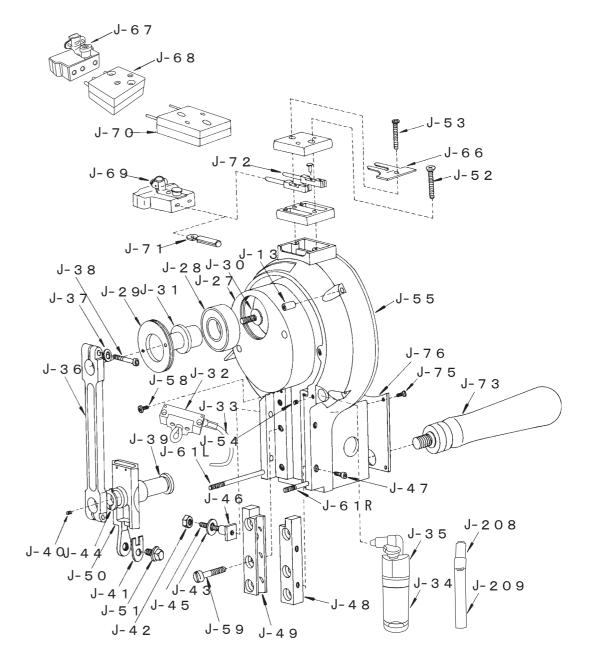
- Blow lint out of motor and sharpener by blower or something alike twice a week.
 Lint around screw mechanism of sharpener inside cover K must be cleaned once a week.
- 3. Clean the knife slide once a day.
- 4. Remove lint from rollers in base plate. To prevent undue accumulation of lint, do not oil plate rollers. If rollers stick, remove from plate and wash in cleaning solvent.

MOTOR & HOUSING MECHANISM



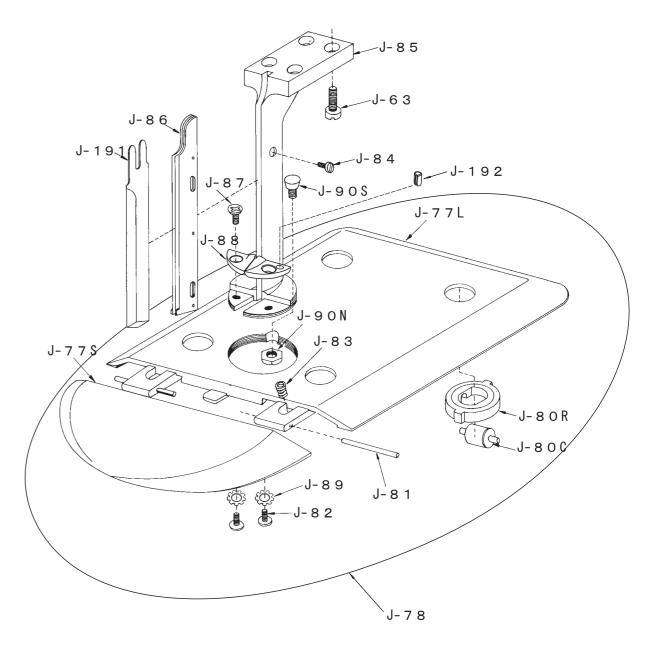
	1	
J-1	Capacitor-Stator	
J-1 J-2	Carrying Handle Screws	
J-3	Rotor Fan	
J-4	Rotor with Shaft	
J-6	Dust Cap Screw	
J-7	Rear Bearing Housing	
J-8	Dust Cap	
J-9	Turning Knob	
J-14	Front to Rear Bearing Screw	
J-19	2 Speed Switch	
J-20	Switch	
J-21	Clutch Spring	
J-22	Retaining Ring	
J-23	Rear Ball Bearing	
J-24	Rear Ball Bearing Spring Washer	
J-25	Clutch Nut	
J-26	Shaft Lock Nut	
J-57	Front Ball Bearing Retainer Screw	
J-64	Front Ball Bearing	
J-65	Front Ball Bearing Retainer	
J-203	Carrying Handle	
J-204	Capacitor Cover	
J-204 J-205	Screw for Capacitor Cover	
J-203 J-206	Capacitor	
-	Felt	
J-206P		
J-301	Automatic Cut-Out Switch	
J-302	Automatic Cut-Out	
J-303	Insulated Plate	
J-304	Automatic Cut-Out Switch Set Screw	
J-305	Automatic Cut-Out Switch Spring Washer	
J-306	Automatic Cut-Out Switch Terminal Screw	
J-307	Automatic Cut-Out Switch Terminal Washer	
J-308	Automatic Cut-Out Switch Terminal Cover Plate	
		<u> </u>

FRONT COVER MECHANISM



	T	Γ	Γ
J-13	Front to Rear Bearing Nut		
J-27	Crank		
J-28	Crank Ball Bearing		
J-29	Crank Ball Bearing Lock Nut		
J-30	Screw for Brg Shaft		
J-31	Shaft for Ball Bearing		
J-32	Oil Pad Holder		
J-33	Oil Felt		
J-34	Oil Tank		
J-34C	Set Oil Tank		
J-35	Oil Tank Cap		
J-36	Connecting Rod		
J-37	Shakeproof Washer		
J-38	Connecting Rod Clamp Screw		
J-39	Wrist Pin		
J-40	Wrist Pin Plug		
J-41	Knife Lock Washer		
J-42	Nuts for Guide Screw		
J-43	Guide Washer		
J-44	Connecting Rod Washer		
J-45	Guide Adjusting Screw		
J-46	Guide Adjusting Nut		
J-47	Guide Lock Screw		
J-48	R.H.Guide		
J-49	L.H.Guide		
J-50	Cross Head		
J-51	Knife Lock Bolt		
J-52	Terminal Block Screw		
J-53	Ground Clip Screw		
J-54	Set Screw		
J-55	Front Bearing Housing		
J-58	Oil Pad Holder Screw		
J-59	Guide Hold Down Screw		
J-61L	Stud Lower L.H.Mountaing(L)		
J-61R	Stud Lower L.H.Mountaing(R)		
J-66	Ground Clip		
J-67	Attachment Plug Complete(3P)		
J-68	Terminal Block Complete(3P)		
J-69	Attachment Plug(Complete)		
J-70	Terminal Block(Complete)		
J-71	Terminal Sleeve		
J-72	Terminal Contact with Pin		
J-73	Operating Handle		
J-75	Switch Cover Screw		
J-76	Switch Cover		
J-208	Oil Tank Pile		
J-209	Vinyl Tube		

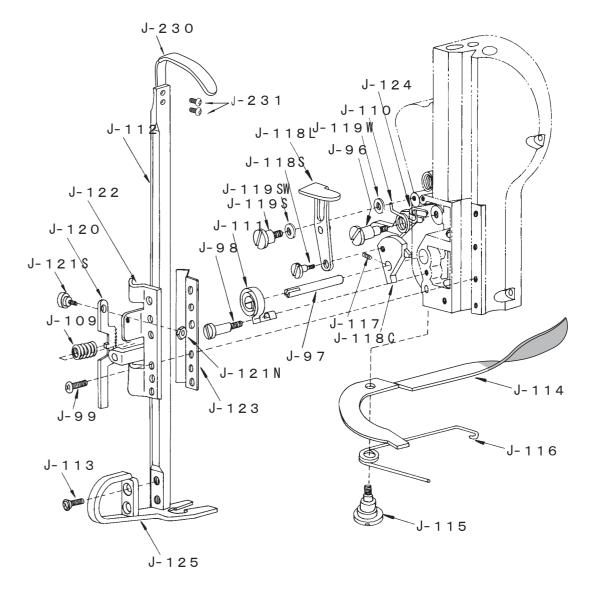
STANDARD & BASE PLATES



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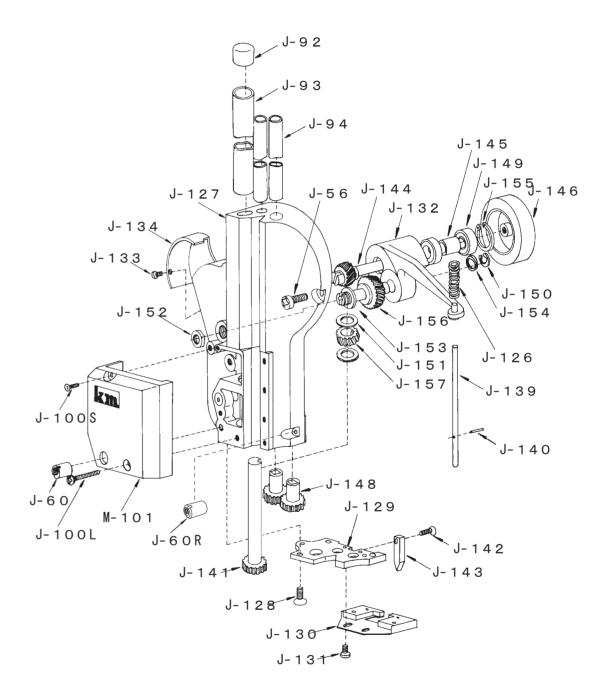
	T	
1.62	Standard-to-Bearing Screw	
J-63 J-77S		
	Plate Wing Plate	
J-77L		
J-78	Plate Conplete	
J-80C	Roller	
J-80R	Rubber	
J-81	Hinge Pin Short	
J-82	Hinge Pin Clamp Screw	
J-83	Plate Wing Tension Spring	
J-84	Knife Slide Screw Standard	
J-85		
J-86	Knife Slide	
J-87	Screw for Throat Plate Throat Plate	
J-88	Lock Washer	
J-89	Plate Screw	
J-90S	Plate Screw Plate Nut	
J-90N	Knife	
J-191 J-192	Knock pin for Throat Plate	
J-192	Knock pin for throat Plate	
	1	l

SHARPENER HOUSING MECHANISM



J-96	Screw for Latch		
J-97	Shaft for Cam		
J-98	Cam Shaft Spring Screw		
J-99	Pres Foot Lock Bracket Screw		
J-109	Spring for Pressure Foot Lock		
J-110	Spring for Latch		
J-111	Cam Spring		
J-112	Pressure Foot Rod		
J-113	Screw for Pressure Foot Shoe		
J-114	Pressure Foot Lever		
J-115	Pressure Foot Lever Screw		
J-116	Spring for Pressure Foot Lever		
J-117	Set Screw for Cam		
J-118C	Cam		
J-118L	Release Lever		
J-118S	Screw for Cam		
J-119S	Lock Screw for Release Lever		
J-119SW	Spring Washer		
J-119W	Washer		
J-120	Lock(only)Pressure Foot		
J-121S	Screw for Pres Ft Lock		
J-121N	Nut for Pres Ft Lock		
J-122	Pressure Foot Lock Bracket		
J-123	Slide for Pressure Foot Rod		
J-124	Latch for Cam		
J-125	Pressure Foot Shoe		
J-230	Knob for Pressure Foot Rod		
J-231	Screw for Knob		
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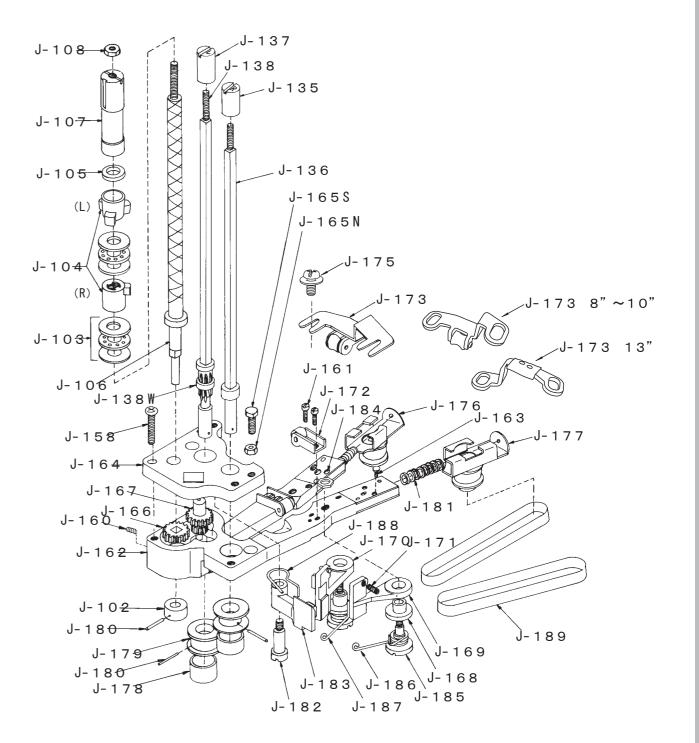
SHARPENER HOUSING MECHANISM



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J-56	Sharpener Hold Down Screw	
J-60	Lower Sharpener	
3 00	Hold down Nut L	
J-60R	Hold down Nut R	
3 0011	Tiold down ruch	
J-92	Cap for Tube	
J-92 J-93	Driving Shaft	
J-93 J-94	Right and Left Hand Follower	
J-94 J-100S	Screw for Cover(S)	
J-1003	Screw for Cover(L)	
-	Cover Over Cam	
J-101		
J-126	Spring for Bell Crank	
J-127	Sharpener Housing	
J-128	Bottom Plate Screw	
J-129	Bottom Plate	
J-130	Oil Pad & Holder	
J-131	Screw for Oil Pad	
J-132	Bell Crank With Pin & Bushing	
J-133	Screw for Cover	
J-134	Cover for Driver	
J-139	Push Rod	
J-140	Roll Pin for Push Rod	
J-141	Driver Shaft With Gear	
J-142	Screw for Spreader Pin	
J-143	Spreader Pin	
J-144	Gear & Shaft	
J-145	Bearing for Gear	
J-146	Rubber Driver & Driver Pulley	
J-148	Spur Gear	
J-149	Ball Bearing for Crank	
J-150	Retaining Ring	
J-151	Thrust Washer for Spiral Gear	
J-152	Lock Nut for Crank Shaft	
J-153	Shaft for Crank	
J-154	Washer for Crank Shaft	
J-155	Lock Nut for Ball Bearing	
J-156	Idler Gear with Bushing	
J-157	L.H.Spiral Gear with Key	

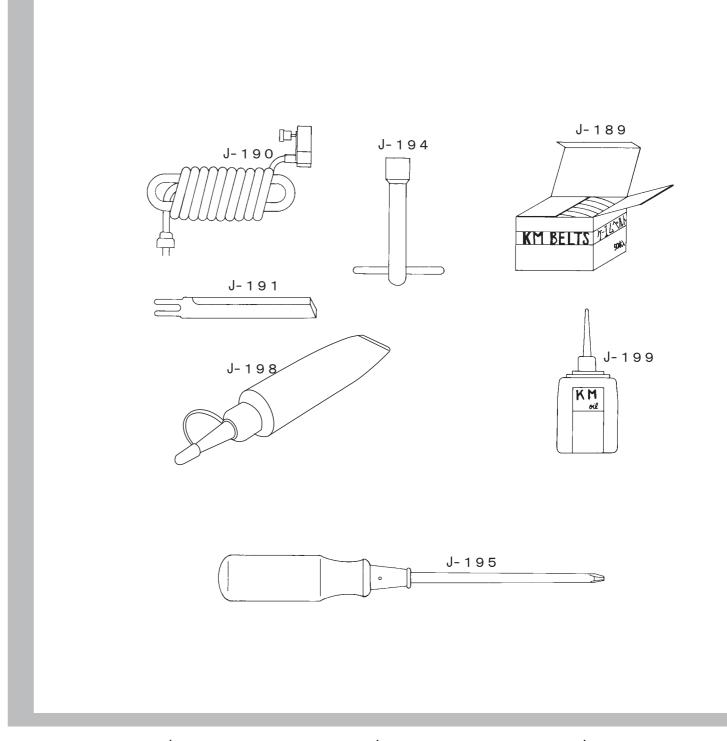
LOWER GEAR BRACKET MECHANISM



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	<u> </u>	 <u> </u>
J-102	Collar for Lower Screw Shaft	
J-103	Thrust Ball Bearing	
J-104	Nut for Screw Shaft L.H.& R.H.	
J-105	Washer for Screw Shaft L.H.	
J-106	Screw Shaft With Extension	
J-107	Spacer Tube	
J-108	Stop Nut for Screw Shaft	
J-135	Right Hand Follower Nut	
J-136	R.H.Square Shaft	
J-137	Left Hand Follower Nut	
J-138	L.H.Square Shaft	
J-138W	L.H.Square Shaft Washer	
J-158	Screw for Gear Cover	
J-160	Grease Plug	
J-161	Screw for Stabilizer	
J-162	Lower Gear Bracket	
J-163	Screw for Slide Pulley	
J-164	Lower Gear Bracket Gear Cover	
J-165N	Adjusting Nut	
J-165S	Adjusting Screw	
J-166	Gear on Screw Shaft	
J-167	Intermediate Gear	
J-168	Bushing for shoe	
J-169	R.H.Shoe	
J-170	L.H.Shoe	
J-171	Set Screw for Sharpener Shoe	
J-172	Stabilizer	
J-173	Guide Back of Standard	
J-175	Screw for Guide Back	
J-176	L.H.Slide with Pulley	
J-177	R.H.Slide with Pulley	
J-178	Neoprene Band	
J-179	Front Pulley for Belts	
J-180	Roll Pin for Pulley	
J-181	Spring for Pulley Slide	
J-182	Screw for Clamping Arm	
J-183	Clamping Arm for Shoe	
J-184	Nut for Sharpener Shoe Screw	
J-185	Screw for Sharpener Shoe	
J-186	R.H.Sharpener Shoe Spring	
J-187	L.H.Sharpener Shoe Spring	
J-188	Spring for Arm	
J-189	Abrasive Belts	

ACCESSORY



J-189	Abrasive Belts	
J-190	Electric Corde Complete	
J-191	Knife	
J-194	Knife Bolt Wrench	
J-195	Screw Driver	
J-198	Bearing Grease	
J-199	Oiler	

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