

MAINTENANCE

BEARINGS: The bearings will need daily maintenance to enhance the life of the unit.

- 1.) Blow out insulation that gathers around bearings on roller assembly.
- 2.) Relubricate (moisten) bearings with WD-40 or any synthetic spray oil.

NOTE: Failure to do so will result in bearing or motor failure.

ROLLER: When the roller becomes loose and begins to wobble, it must be adjusted.

- 1.) Remove Belt Guard.
- 2.) Remove the belt from the handle end, then remove the belt from the Roller end.
- 3.) Loosen set screw on the Roller. (See diagram below)
- 4.) Tighten the locknut on each end of the Roller until there is no wobble (4 in.lbs.).

NOTE: Do not overtighten or the bearings will overheat and wear prematurely.

- 5.) Tighten the set screw on the Roller.
- 6.) Reinstall the belt.
- 7.) Reinstall the Belt Guard.

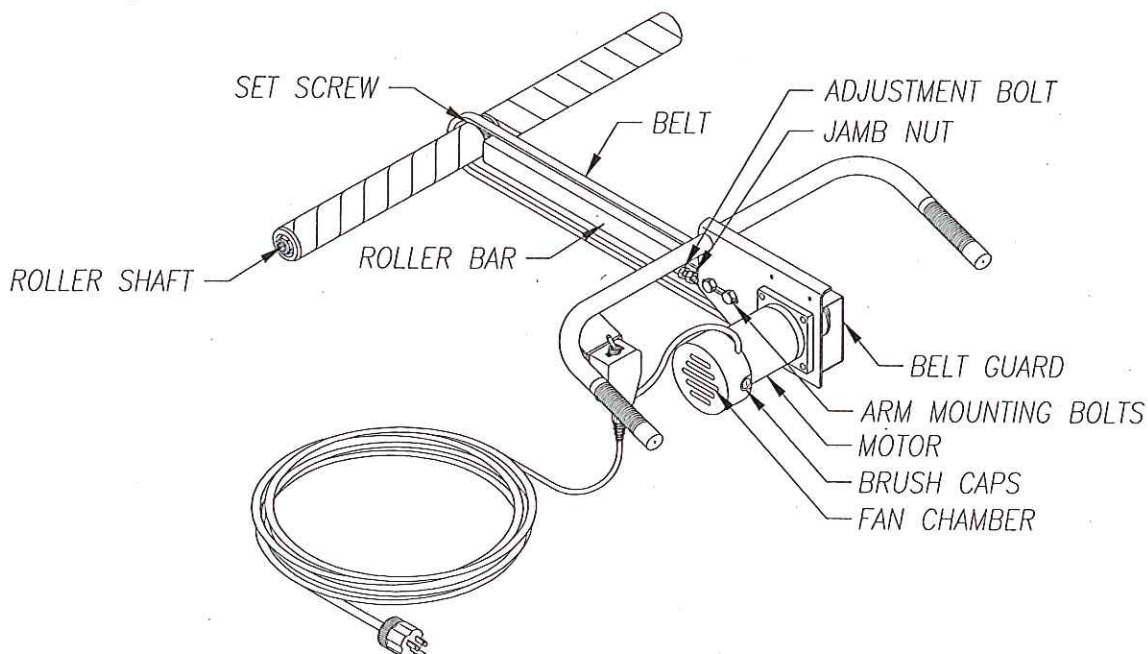
BELT TENSION: The belt will need retightened when it becomes loose.

- 1.) Loosen the two Arm Mounting bolts on the handle. (See diagram below)
- 2.) Loosen the Jamb Nut on the Adjustment Bolt.
- 3.) Turn the Adjustment Bolt until the belt is tight.
- 4.) Retighten the Jamb Nut on the Adjustment Bolt.
- 5.) Tighten the Arm Mounting bolts on the handle.

MOTOR BRUSHES: If there is arcing in the motor or a high amperage draw, the brushes might need replaced.

- 1.) Remove the two black plastic Brush Caps. (See diagram below)
- 2.) Remove Brush and Spring assemblies and install new Brush and Spring assemblies.
- 3.) Reinstall black plastic Brush Caps. **NOTE: Do not overtighten or the Brush Caps will crack and need replaced.**
- 4.) Blow out cooling fan chamber and fan with compressed air daily.

NOTE: If wall scrubber is dropped or mishandled the roller shaft, roller bar, or motor could be damaged.



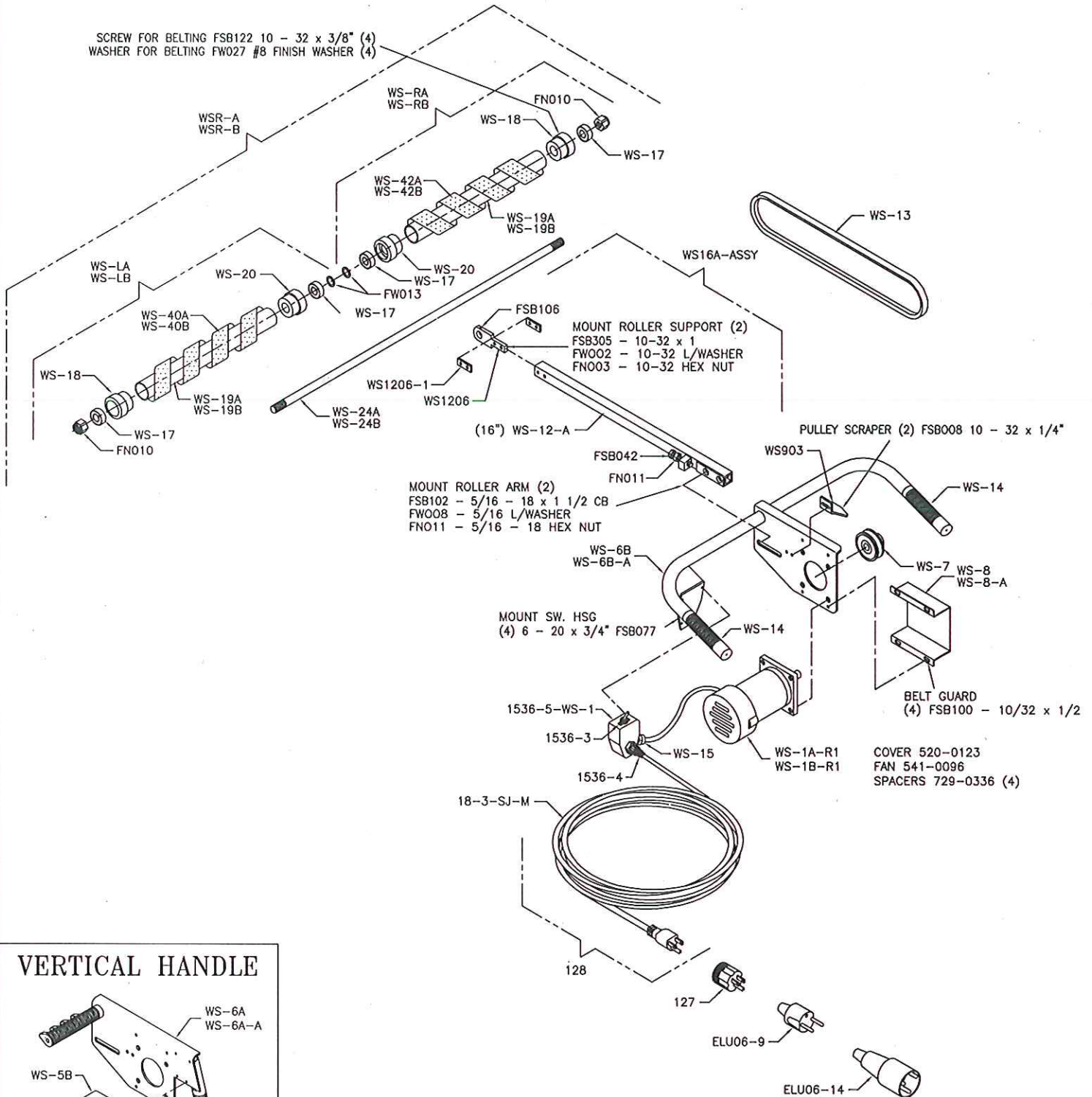
KRENDL MACHINE COMPANY

MODEL #349B

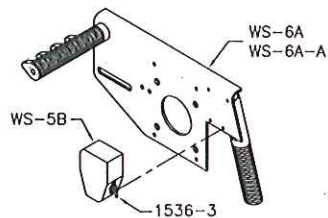
WALL SCRUBBER

PARALLEL (STANDARD) & VERTICAL HANDLE

SCREW FOR BELTING FSB122 10 - 32 x 3/8" (4)
 WASHER FOR BELTING FW027 #8 FINISH WASHER (4)



VERTICAL HANDLE



KRENDL MACHINE COMPANY

MODEL #349B WALL SCRUBBER

PARALLEL (STANDARD) & VERTICAL HANDLE PARTS LIST

STEEL PART NUMBER	ALUMINUM PART NUMBER	DESCRIPTION
WS-1A-R1	WS-1A-R1	MOTOR 1/8 H.P. TENV, 120 V, 60 Hz.
WS-1B-R1	WS-1B-R1	MOTOR 1/8 H.P. TENV, 230 V, 50 Hz.
WS-MB	WS-MB	MOTOR BRUSHES {2 REQUIRED}
520-0123	520-0123	FAN COVER
541-0096	541-0096	MOTOR FAN
729-0336	729-0336	SPACERS {4 REQUIRED}
18-3-SJ-M	18-3-SJ-M	CORD, #18-3(SJ) x 10 Ft. (OVERSEAS)
128	128	CORD, MOLDED, 120V, 10 Ft. (U.S.)
127	127	PLUG, NEMA# 5-15P (U.S.)
ELU06-9	ELU06-9	PLUG, EUROPEAN, 230V 16AMP (OVERSEAS)
ELU06-14	ELU06-14	PLUG, EUROPEAN, 120V 32AMP (OVERSEAS)
WS-4	WS-4	SWITCH, ROCKER (REPLACEMENT ONLY)
1536-3	1536-3	SWITCH, TOGGLE (SPST)
WS-5B	WS-5B	HOUSING, SWITCH (for VERTICAL)
1536-5-WS-1	1536-5-WS-1	HOUSING, SWITCH, L.H. (for PARALLEL)
WS1206	WS1206	ROLLER MOUNT
WS1206-1	WS1206-1	ROLLER MOUNT SHIM
WS-6A	WS-6A-A	FRAME, VERTICAL HANDLE, ALUMINUM
WS-6B	WS-6B-A	FRAME, PARALLEL HANDLE, ALUMINUM L.H.
WS-7	WS-7	PULLEY, 2" Dia. x 1/2" BORE
WS-8	WS-8-A	GUARD, BELT, ALUMINUM
WS903	WS903	SCRAPER, PULLEY
FN011	FN011	NUT, 5/16-18 HEX
FSB042	FSB042	HEX BOLT, 5/16-18 x 1 1/2"
WS-12	WS-12-A	ROLLER FRAME, TUBULAR 16", ALUMINUM (For both 18" & 27" Wall Scrubbers)
	WS16A-ASSY	16" ALUMINUM ROLLER ARM ASSEMBLY
WS-13	WS-13	V-BELT (#4L460)
WS-14	WS-14	HANDLE GRIP {2 REQUIRED}
1536-4	1536-4	CORD RESTRAINT, 3/8"
WS-15	WS-15	CORD RESTRAINT, INPUT
FN010	FN010	LOCK NUT, 1/2-13 {2 REQUIRED}
WS-17	WS-17	BEARING, 1/2" BORE {4 REQUIRED}
WS-18	WS-18	HUB, OUTSIDE / DEEP {2 REQUIRED}
WS-19A	WS-19A	ROLLER TUBE, 1 1/4" x 12" {2 REQUIRED}
WS-19B	WS-19B	ROLLER TUBE, 1 1/4" x 8" {2 REQUIRED}
WS-20	WS-20	HUB, INSIDE / SHALLOW {2 REQUIRED}
FW013	FW013	WASHER, 1/2" x 1/32" SHIM {2 REQUIRED}
WS-42A	WS-42A	BELTING, RIGHT 29" LONG (for 27" ROLLER)
WS-40A	WS-40A	BELTING, LEFT 29" LONG (for 27" ROLLER)
WS-42B	WS-42B	BELTING, RIGHT 21" LONG (for 18" ROLLER)
WS-40B	WS-40B	BELTING, LEFT 21" LONG (for 18" ROLLER)
WS-24A	WS-24A	SHAFT, 1/2" x 27"
WS-24B	WS-24B	SHAFT, 1/2" x 18"
WSR-A	WSR-A	ROLLER ASSEMBLY, 27" (COMPLETE)
WSR-B	WSR-B	ROLLER ASSEMBLY, 18" (COMPLETE)
WS-LA	WS-LA	ROLLER, 12", LEFT (COMPLETE)
WS-LB	WS-LB	ROLLER, 8", LEFT (COMPLETE)
WS-RA	WS-RA	ROLLER, 12", RIGHT (COMPLETE)
WS-RB	WS-RB	ROLLER, 8", RIGHT (COMPLETE)
WS-25	WS-25	ARMATURE NOTE: NEW OR OLD STYLE
WS-26	WS-26	BEARING, MOTOR (SHAFT END)
WS-27	WS-27	BEARING, MOTOR (BRUSH END)
WS-30	WS-30	RECTIFIER, MOTOR
WS-31	WS-31	BRUSH HOLDER
WS-32	WS-32	BRUSH CAP
FSB122	FSB122	SB 10-32 x 3/8" FHS {4 REQUIRED}
FSB106	FSB106	SB 8-32 x 3/8" SOCKET SET SCREW(ATTACHES TO SHAFT)
FW027	FW027	#8 FINISH WASHER {4 REQUIRED}