

WS5B

ADJUSTABLE END STRIPPER

Warning! This tool is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

Note: This tool is a manually operated insulation removal device for all Polyethylene and EPR rubber insulation cable rated 600 V to 35KV with cable diameter .260" (96.6mm) to 1.265" (32.13mm) and insulation thickness of ≤ 400 mils. It has an adjustable strip stop for accurate conductor strip length settings from 1/2" (12.7mm) to 5-3/4" (146mm).



OPERATING INSTRUCTIONS

For best results, the end of the cable to be stripped should be cut straight and square using a hack-saw or curved jaw cable cutters.

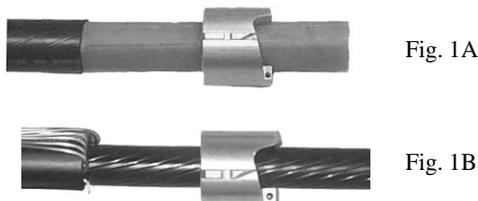


Fig. 1

Step 1. (Fig 1) Check the bushing by sliding it over polyethylene insulation (Fig 1A) or semi-con over EPR insulation (Fig. 1B). The bushing should fit snugly and still rotate easily on the cable. *We recommend the use of lubricant be used on the semi-con over EPR cable.*

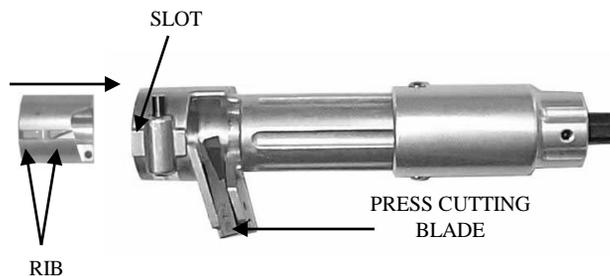


Fig. 2

Step 2 (Fig. 2) To insert the bushing into the WS5B, line up rib on the bushing with the slot on the WS5B housing. Raise the cutting blade by depressing the outer end and insert the bushing until it locks into place. The bushing should be flush with the end of the tool (see Fig. 3).

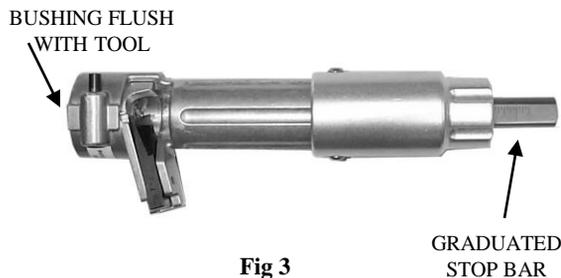


Fig 3

Step 3. (Fig. 3) To adjust the stop bar for desired length of conductor exposure, loosen set screw located on the underside of the graduated stop bar on the tool body. Adjust the stop bar to the desired length of exposed conductor needed and tighten the set screw.



Fig. 4

Step 4. (Fig. 4) To strip the insulation, insert the cable into the WS5B until it comes in contact with cutting edge of the blade. Always check the blade position with respect to the conductor, before stripping the insulation.

Instructions for WS5B - Part 2

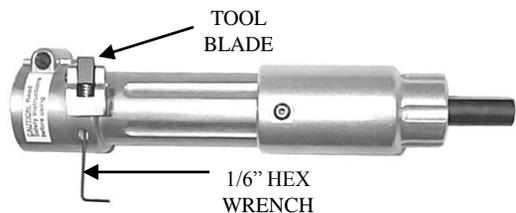


Fig. 5

Step 5. (Fig. 5) Before stripping the insulation, adjust the blade edge to 1/64"(.39mm) - 1/32"(.79mm) above the conductor surface by inserting the provided hex wrench through the hole located beneath the tool blade.

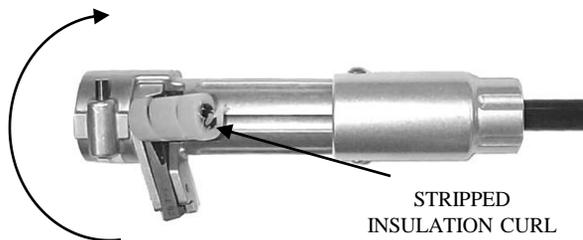


Fig. 6

Step 6. (Fig. 6) Rotate the tool clockwise around the cable to remove the insulation. Insulation will peel off until the cable conductor reaches the stop bar. The blade will automatically sever the insulation cleanly at the end of the cut.



Fig. 7

(Fig. 7) To remove the bushing, depress the lock release pin on the housing and slide the bushing out.

REPLACEMENT PARTS

Blade	Blade Part #
CB7-2	10324

BUSHING SELECTION TABLE					
Cable O.D. to be stripped		Bushing #	Cable O.D. to be stripped		Bushing #
(inch)	(mm)		(inch)	(mm)	
.260 - .285	6.60 - 7.24	WS 5-.300	.786 - .810	19.96 - 20.57	WS 5-.825
.286 - .310	7.26 - 7.87	WS 5-.325	.811 - .835	20.60 - 21.21	WS 5-.850
.311 - .335	7.90 - 8.51	WS 5-.350	.836 - .860	21.23 - 21.84	WS 5-.875
.336 - .360	8.53 - 9.14	WS 5-.375	.861 - .885	21.87 - 22.48	WS 5-.900
.361 - .385	9.17 - 9.78	WS 5-.400	.886 - .910	22.50 - 23.11	WS 5-.925
.386 - .410	9.80 - 10.41	WS 5-.425	.911 - .935	23.14 - 23.75	WS 5-.950
.411 - .435	10.44 - 11.05	WS 5-.450	.936 - .960	23.77 - 24.38	WS 5-.975
.436 - .460	11.07 - 11.68	WS 5-.475	.961 - .985	24.41 - 25.02	WS 5-1.000
.461 - .485	11.71 - 12.32	WS 5-.500	.986 - 1.010	25.04 - 25.65	WS 5-1.025
.486 - .510	12.34 - 12.95	WS 5-.525	1.011 - 1.035	25.67 - 26.29	WS 5-1.050
.511 - .535	12.98 - 13.59	WS 5-.550	1.036 - 1.060	26.31 - 26.92	WS 5-1.075
.536 - .560	13.61 - 14.22	WS 5-.575	1.061 - 1.085	26.95 - 27.56	WS 5-1.100
.561 - .585	14.25 - 14.86	WS 5-.600	1.086 - 1.110	27.58 - 28.19	WS 5-1.125
.586 - .610	14.88 - 15.49	WS 5-.625	1.111 - 1.135	28.22 - 28.83	WS 5-1.150
.611 - .635	15.52 - 16.13	WS 5-.650	1.135 - 1.160	28.85 - 29.46	WS 5-1.175
.636 - .660	16.15 - 16.76	WS 5-.675	1.161 - 1.185	29.49 - 30.10	WS 5-1.200
.661 - .685	16.79 - 17.40	WS 5-.700	1.186 - 1.210	30.12 - 30.73	WS 5-1.225
.686 - .710	17.42 - 18.03	WS 5-.725	1.211 - 1.235	30.76 - 31.37	WS 5-1.250
.711 - .735	18.06 - 18.67	WS 5-.750	1.236 - 1.260	31.39 - 32.00	WS 5-1.275
.736 - .760	18.69 - 19.30	WS 5-.775	1.261 - 1.285	32.03 - 32.64	WS 5-1.300
.761 - .785	19.33 - 19.94	WS 5-.800	1.286 - 1.310	32.66 - 33.27	WS 5-1.325

Note: If extra leverage is needed to strip insulation, use the Utility Tool Ratchet Wrench, Model SW2



SW2
Ratchet Wrench

Warranty: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



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