



## Tool Specification

Part Number: WC-590

Terminal: SVF-61T-P2.0, SVM-61T-P2.0

Application:

Crimp Position	Wire Size UL1015	Tensile Strength N (kgf)	Strip Length mm
0.5	20awg	63.7(6.5) min.	5.3
1.0	1.0mm <sup>2</sup>	78.4(8.0) min.	5.3
2.0	14awg	147.0(15.0) min.)	5.3



- **This tool should not be used for 16awg or 18awg. YC-590 should be used.**
- Select the appropriate crimp section based on the AWG to be used.
- The insulation barrel is set and cannot be adjusted.
- Replacement flap locator can be purchased when worn. The part number to order is WC-590/591P FLAP LOCATOR.



## WC-590 Calibration

1. Visually inspect crimp sections 0.5, 1.0 and 2.0 checking for abnormal wear, chips, or damage.
2. Insert an SVF-61T-P2.0 or SVM-61T-P2.0 terminal into the three slots on the flap locator and verify the contact is properly held.
3. Strip a 20awg UL1015 wire to 5.3mm.
4. In crimp position 0.5, crimp an SVF-61T-P2.0 or SVM-61T-P2.0 terminal onto the 20awg wire.
5. Visually inspect the crimp for defects and large burrs.
6. Check the tensile strength and verify it meets the tensile strength requirement of 63.7N.
7. Strip a 1.0mm<sup>2</sup>, UL1015 wire to 5.3mm.
8. In crimp position 1.0, crimp an SVF-61T-P2.0 or SVM-61T-P2.0 terminal onto the 1.0mm<sup>2</sup> wire.
9. Visually inspect the crimp for defects and large burrs.
10. Check the tensile strength and verify it meets the tensile strength requirement of 78.4N.
11. Strip a 14awg, UL1015 wire to 5.3mm.
12. In crimp position 2.0, crimp an SVF-61T-P2.0 or SVM-61T-P2.0 terminal onto the 14awg wire.
13. Visually inspect the crimp for defects and large burrs.
14. Check the tensile strength and verify it meets the tensile strength requirement of 147N.
15. If all three sections pass the visual and tensile strength requirements the tool is within calibration requirements.