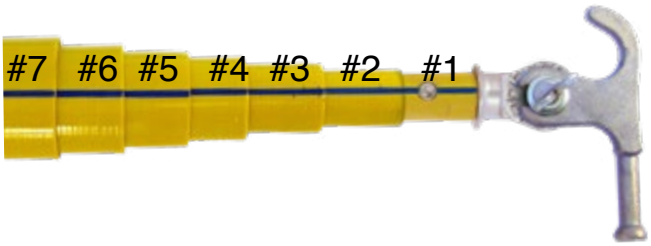
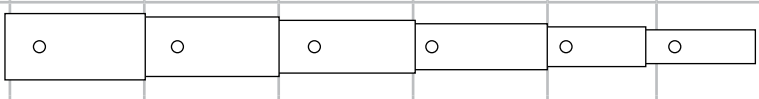
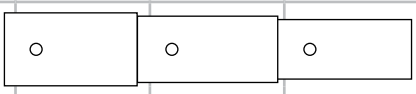
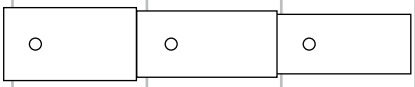
BLUE STRIPE® Hot Stick Repair Guide

TAKE-APART BUCKET OPERABLE TELESCOPIC



Item#	USTS-TA-012	USTS-TA-010	USTS-TA-008				
Button Kit	USTS-TA-0*XX*-BUTTON-KIT (includes Spring, Button, and Spring Caps for every section for an entire stick)						
Section#	**#7**	**#6**	**#5**	**#4**	**#3**	**#2**	**#1**
Button							
Spring							
Spring Caps							
Drive Pins (Roll Pins[1])							
Button Kit (Spring, Spring Caps, Button, Drive Pins or Roll Pins)		**P-00619**	**P-00618**	**P-00617**	**P-00616**	**P-00615**	**P-00611**
Plug							
Plug Assembly (Plug, Spring, Button, Spring Caps, Drive Pins or Roll Pins)		**P-00629**	**P-00628**	**P-00627**	**P-00626**	**P-00625**	**P-00624[1]**
Inside Fiberglass Section [2]							
		P-01136	**P-01135**	**P-01134**	**P-01133**	**P-01132**	**P-01131**
Outside Fiberglass Section with END CAP [3]							
	P-01147	**P-01146**	**P-01145**			**B-00105**	
Outside Fiberglass Section with RUBBER BOOT [3]							
	P-01150	**P-01149**	**P-01148**			**B-01825 USTS HOT STICK BLANK REPLACEMENT LABEL**	
Screws for End Caps							
End Cap (includes Screws)							
	P-00162	**P-00161**	**P-00160**				
Screws & Washers for Boots							
Rubber Boot							
	P-00227	**P-00226**	**P-00225**				

[1] **Section #1 uses Roll Pins**

[2] **All TAKE-APART Fiberglass Sections come complete and fully assembled with buttons and plugs.**

[3] **Outside Sections include a new end component, fasteners and hot stick label.**

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PLUG ASSEMBLIES:
Plug Assemblies for sections #2 and higher are held in place with 3/16" x 3/8" Stainless Steel, Beveled and Grooved Drive Pins. Section #1 Plug and Tiplock Assemblies use a 1/8" x 3/8" Stainless Steel Roll Pin.

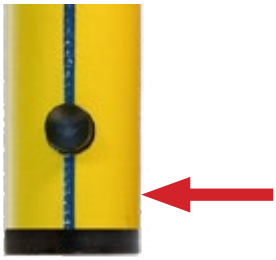
REMOVE - Carefully drive each pin out using a drift/punch that is SMALLER than the pin.
INSTALL - Only reuse pin holes if they are smooth, round, and offer a tight fit. When in doubt, drill new holes.

1. Insert the assembly (complete with springs, caps, and button) and align the button horizontally in the button hole with the assembly tight against the base of the fiberglass. Note the location of the open cavities of the plug assembly.
2. Determine best hole location:
   a. should be halfway between the button hole and the end of the fiberglass
   b. should be perpendicular to the fiberglass in both directions
   c. should intersect an open cavity in the plug assembly
   d. should not exceed the Maximum Number of holes in each fiberglass section, see chart below
3. Use a sharp #15 Drill Bit (section #1 Roll Pin requires 1/8" drill bit) and drill one hole through the fiberglass and plug assembly.
4. Carefully drive a pin in, beveled end first, until it is level with the fiberglass surface. Be sure the drive pin is tight.
5. Repeat Steps #2-4, see chart below. Verify the plug is solid, the buttons work smoothly without binding and the pins are flush.

DRIVE PIN

Use #15 Drill Bit

Roll Pins use a 1/8" Drill Bit



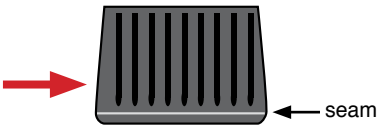
END CAPS / RUBBER BOOTS:
End Caps are held in place with 10-24 x 1/2" Stainless Steel, Round Head Phillips Screws. Rubber Boots are held in place with two 10-24 x 1 1/8" Stainless Steel, Round Head Phillips Screws and two washers.

REMOVE - Loosen the fasteners with a #2 Phillips Head Screwdriver.

INSTALL - Only reuse screw holes when End Caps are NOT being replaced. Holes should be smooth, round, and offer a tight fit. When in doubt, drill new holes.

1. Insert the End Cap or Rubber Boot tight against the base of the fiberglass. Note the location of the open cavities of the end cap.
2. Determine best hole locations:
   - **END CAP** (see pic):should be 5/8" up from the bottom of the fiberglass
   - **RUBBER BOOT** (see pic):should be 3/4" up from the molded seam of the Boot
   - should be perpendicular to the fiberglass in both directions
   - should intersect an open cavity in the end cap
   - should not exceed the Maximum Number of holes in each fiberglass section, see chart below
3. Using a sharp #25 Drill Bit, hold the End Cap or Rubber Boot tight against the base of the fiberglass and drill one hole through the fiberglass and End Cap or Rubber Boot.
4. Install the fastener (include washer for Rubber Boot) with a #2 Phillips Head Screwdriver.
5. Repeat Steps #2-4, see chart below.

END CAP



RUBBER BOOT

Use #25 Drill Bit

SURFACE MAINTENANCE:
BLUE STRIPE® Fiberglass Hot Sticks use an epoxy fiberglass material that is non-woven. The unidirectional fiberglass creates a smooth surface which resists dirt and moisture.

1. Carefully remove surface dirt and contaminants while maintaining the original protective clear coat of the fiberglass. Use our BLUE STRIPE® Cleaner (USTS-CLEANER) or other pH balanced (non-acid, non-alkali) cleaner.
2. Thoroughly wax the stick using our BLUE STRIPE® Hot Stick Wax (USTS-WAX) or equivalent Carnuba wax prior to field use.
3. Best practices include applying generous amounts of silicone protectant to each stick prior to field use. Use either our disposable BLUE STRIPE® Silwipes (USTS-SILWIPE) or reusable BLUE STRIPE® Cloth (USTS-SILCLOTH).

SECTION #	# Pins / Screws	MAX # HOLES IN FIBERGLASS	PLACEMENT
#1 (Roll Pin)	3	3	180 ° Apart
#2	2	4	180 ° Apart
#3	2	4	180 ° Apart
#4	2	6	180 ° Apart
#5	2	6	180 ° Apart
#6	2	6	180 ° Apart
#7	2	8	180 ° Apart

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