

TECHNICAL INSTRUCTIONS



NUDGE AND LOCK RELEASE KITS



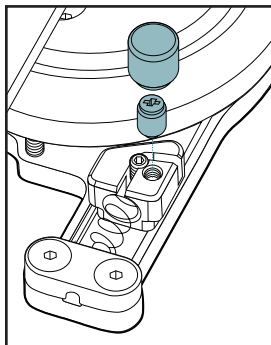
PACKAGE CONTENTS	TOOLS REQUIRED
(1) Nudge or Lock Release Assembly (1) Caucasian Cable Cover (1) Brown Cable Cover (1) Black Cable Cover (1) Nudge Pad (Nudge Kit only) (1) Cable End Cap (2) Mounting Screws (Lock Release Kit) (3) Mounting Screws (Nudge Kit)	.140 drill bit - Countersink bit #1 phillips screwdriver

NUDGE SWITCH AND LOCK RELEASE INSTRUCTIONS

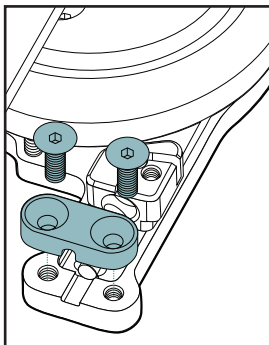
 For proper installation both the shoulder joint and nudge/lock release assemblies should be mounted to the prosthetic socket before adjusting length of Bowden housing/cable

1. Mount the shoulder joint to its permanent position on the prosthetic socket.
2. Determine the best position for the nudge/lock release assemblies and mount to prosthetic socket.

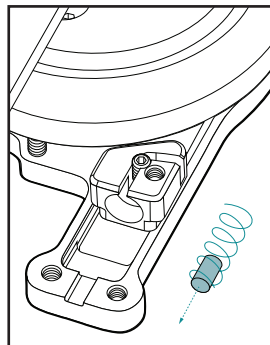
 When mounting the assembly, ensure Bowden bend radius doesn't exceed critical bend radius of 4 in.



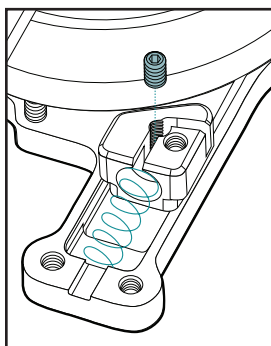
3. Unscrew manual lock knob from lock mechanism.



4. Unscrew "2 hole plate" using supplied hex key

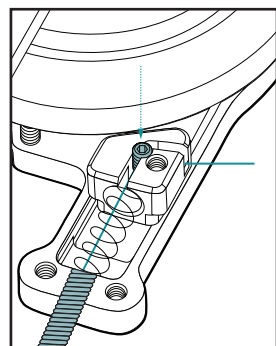


5. Remove plastic insert from spring and replace spring

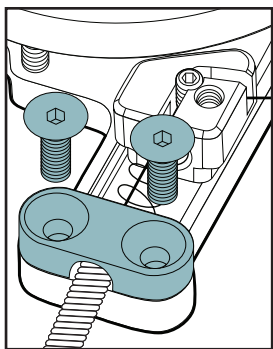


6. Using .05" hex key, remove Bowden cable set screw

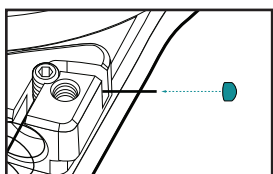
7. If desired, install optional heat shrink tubing to Bowden cable housing.



8. Insert Bowden cable through mechanism and spring. To ensure proper tension, the Bowden cable housing should sit just past the mouth of the lock actuator.

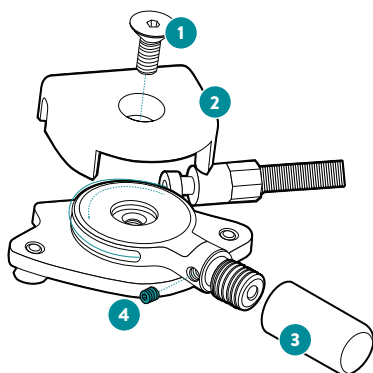


9. Reinstall "2-hole plate" with the small opening of the plate facing the shoulder joint/spring and the large opening facing away from the shoulder joint. The Bowden housing should be fit inside of the mouth of the actuator, underneath the 2-hole plate. With all fasteners tightened, activate the switch. If the cable does not pull with enough force, loosen the set screw near the top of the actuator and pull the cable tighter.



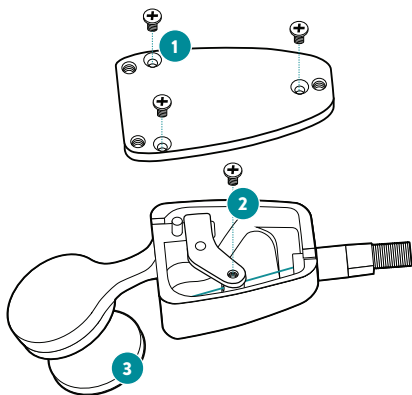
10. Trim the excess cable and apply heat shrink "cap" to end of cable to cover sharp or frayed edges.

LOCK RELEASE DISASSEMBLY



1. Remove center screw
2. Remove housing from lever crank
3. Unscrew lever crank knob to expose set screw
4. Removing set screw will allow the Bowden cable to be removed
5. Assembly is shipped for right-hand use. If left hand control of the latch is desired, simply flip the lever crank over and reassemble

NUDGE RELEASE DISASSEMBLY



1. Remove fasteners from back plate
2. Remove screw from bell crank and cable can be removed
3. Optional foam chin pad may be applied by removing paper backing and affixing to surface of Nudge Plate.

WARRANTY INSPECTION AND MAINTENANCE INFORMATION

INSPECTION GUIDELINES

- Visual/Audible signs of wear, cracks, damage, etc.
- Ensure that the lock engages and disengages properly.

TECHNICAL ASSISTANCE / EMERGENCY SERVICE 24/7/365

College Park's regular office hours are Monday thru Friday, 8:30 am – 5:30 pm (EST). After hours, an emergency Technical Service number is available to contact a College Park representative.



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