



# QUEST

## INSTRUCTIONS FOR REPLACEMENT OF LOCK PIN ON QUEST BIKES

*In the case that your Quest battery becomes disconnected while riding, a replacement latch pin will allow you to lock your battery securely and solve the issue.*

Tools and parts needed:

- Phillips screwdriver
- Replacement latch pin



### STEP 1

Remove the battery from the bike and insert the key into the lock cylinder, to allow you to hold onto the lock assembly. Remove the 1 long and 2 shorter screws holding the battery upper receptacle to the bicycle downtube. Remove the 2 short screws that attach the lock assembly to the battery upper receptacle.



### STEP 2

Gently pull out the top of the upper battery receptacle, then the lower portion can be lifted out of the bicycle downtube. The lock assembly can then be pushed into the bicycle downtube and extracted through the opening where the battery receptacle was.





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## STEP 3

Remove the screw that retains the lock cylinder in place, then gently withdraw the lock cylinder out of the lock assembly. Note the orientation of the cylinder; it is not necessary to remove the cylinder completely.



## STEP 4

Pull the orange latch pin out of the lock assembly, being careful not to lose the return spring behind it. Replace the latch pin with the supplied replacement, making sure that it is oriented in the same way as the original, and that the return spring slides into the hole on the back of the pin. Push the latch pin into the lock assembly and reinsert the lock cylinder, then replace the screw.



Reassembly is the reverse of disassembly; hold the lock assembly in the bicycle downtube with the key, replace the upper battery receptacle and orient the lock assembly so the orange latch pin inserts through the hole in the battery receptacle. Reinstall the 2 short screws for the lock assembly, then replace the 1 long and 2 short screws holding the receptacle into the bike downtube.

