

FRU Guide - Power Link Sinbon Charge Cable CCS1 Latch Repair Kit Work Instructions

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Sinbon Latch Repair Kit Work Instructions

Power Link 1.0/2.0

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Affected Models and Down Version: Sinbon CCS1 Charge Cable

Required Action: Replace latch using repair kit

Issue: CCS1 cable latch needs to be replaced



WARNING: Do not install or service the charging station in inclement weather. If you work in snow, rain, or wind, you must use a weatherproof shelter that covers all boxes and components.



CAUTION: Warranty Limitation

- If the charging station is not installed, commissioned, or serviced by a ChargePoint certified installer or technician using a ChargePoint-approved method, it is *excluded* from all ChargePoint and other warranties and ChargePoint is not responsible.
 - You must be a licensed electrician and complete training at chargepoint.com/installers to become ChargePoint certified and to access ChargePoint's web-based installer tools or ChargePoint Installer app.
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Contact ChargePoint at chargepoint.com/support with any questions related to this bulletin.

Introduction

CCS1 Sinbon Charge Cable can be safely repaired by field installers using this procedure.

Tools Needed

Rigid tool to push metal pin (i.e., mallet)	Fine-tip screwdriver or small Allen Keys	Standard Pliers
 <p>Not included in kit</p>	 <p>Not included in kit</p>	 <p>Not included in kit</p>

Included Repair Kit Parts

- Latch
- Spring
- Metal Pin

Latch	Spring	Metal Pin
		

Procedure

1. Follow this guide to service and replace the CCS1 latch Power Link 1.0 and Power Link 2.0 systems.



DANGER: Risk of electric shock

Before You Begin

DANGER: RISK OF SHOCK



- Before any procedure, disconnect the power.
- Follow local code and site lockout/tagout procedure to de-energize the station.
- Wait for energy to dissipate (approximately five minutes).
- Keep power off until all covers and panels are reinstalled and the work is complete.

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN SERIOUS INJURY, LOSS OF LIFE, OR PROPERTY DAMAGE.



WARNING: Do not install or service the charging station in inclement weather. If you work in snow, rain, or wind, you must use a weather-proof shelter that covers all boxes and components.



CAUTION: Keep components in original packaging, free of moisture, and protected from damage until you install or service them at the site. Store all shipments of components in a dry covered location and protect from moisture.



CAUTION: Comply with these guidelines to prevent component damage.

- Use tools suitable to torque metric fasteners. All fasteners used on the CP800 are in metric sizes.
 - Use the given torque values to tighten the fasteners.
 - Ensure that the tools such as torque tool, multimeter, and Ethernet tester are calibrated.
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2. Remove latch from handle:

Push the metal pin on handle to release the latch:



Once pin is pushed enough, use pliers to pull it all the way through:



Once metal pin is removed, the latch should become loose and free to replace . If stuck on vehicle, the latch and the handle should be held and removed together from vehicle charging inlet:



3. Use ChargePoint Approved Sinbon Latch Repair Kit Only. Do not re-install the removed defective latch. To repair the charge cable in the field:

Visually inspect the microswitch for damages or bents, see below for microswitch in good conditions:



Press down the microswitch and then release it. Ensure there is a distinctive sound and click every time when pressing and releasing. If sounds is not distinguished and/or if there is visible damage, replace the entire cable:



Assemble a new spring into the crossed feature on the bottom side of a known good latch:



Carefully place the latch on top of the cable handle and ensure the spring vertically sits on the rounded circle area shown below:



Secure the new latch and spring by pushing the metal pin through the cable handle as shown below:



Press and then release the latch handle; ensure latch actuates up and down:



7. **Check for correction functioning of the cable by running a charging session with an electric vehicle for at least 30 minutes. Make sure that the charging connector can be correctly plugged in and removed from the vehicle charging inlet.**
8. **Go to <http://chargepoint.com/support> , find your region's technical support number, and contact ChargePoint Support before releasing the charging station for use.**
9. **If latch is unable to be repaired, do not release the charging station for use and contact ChargePoint Support for replacement cable.**

Limited Warranty Information and Disclaimer

The Limited Warranty you received with your charging station is subject to certain exceptions and exclusions. For example, your use of, installation of, or modification to, the ChargePoint® charging station in a manner in which the ChargePoint® charging station is not intended to be used or modified will void the limited warranty. You should review your limited warranty and become familiar with the terms thereof. Other than any such limited warranty, the ChargePoint products are provided "AS IS," and ChargePoint, Inc. and its distributors expressly disclaim all implied warranties, including any warranty of design, merchantability, fitness for a particular purposes and non-infringement, to the maximum extent permitted by law.

Limitation of Liability

CHARGEPOINT IS NOT LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS, LOST BUSINESS, LOST DATA, LOSS OF USE, OR COST OF COVER INCURRED BY YOU ARISING OUT OF OR RELATED TO YOUR PURCHASE OR USE OF, OR INABILITY TO USE, THE CHARGING STATION, UNDER ANY THEORY OF LIABILITY, WHETHER IN AN ACTION IN CONTRACT, STRICT LIABILITY, TORT (INCLUDING NEGLIGENCE) OR OTHER LEGAL OR EQUITABLE THEORY, EVEN IF CHARGEPOINT KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES. IN ANY EVENT, THE CUMULATIVE LIABILITY OF CHARGEPOINT FOR ALL CLAIMS WHATSOEVER RELATED TO THE CHARGING STATION WILL NOT EXCEED THE PRICE YOU PAID FOR THE CHARGING STATION. THE LIMITATIONS SET FORTH HEREIN ARE INTENDED TO LIMIT THE LIABILITY OF CHARGEPOINT AND SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Important: Changes or modifications to this product not authorized by ChargePoint, inc., could affect the EMC compliance and revoke your authority to operate this product.

Exposure to Radio Frequency Energy: The radiated power output of the 802.11 b/g/n radio and cellular modem (optional) in this device is below the FCC radio frequency exposure limits for uncontrolled equipment. The antenna of this product, used under normal conditions, is at least 20 cm away from the body of the user. This device must not be co-located or operated with any other antenna or transmitter by the manufacturer, subject to the conditions of the FCC Grant.

ISED (formerly Industry Canada)

This device complies with the licence-exempt RSS standard(s) of Innovation, Science and Economic Development Canada (ISED). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux flux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada (ISDE). L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter.

Radiation Exposure Statement: This equipment complies with the IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Énoncé d'exposition aux rayonnements: Cet équipement est conforme aux limites d'exposition aux rayonnements ioniques RSS-102 Pour un environnement incontrôlé. Cet équipement doit être installé et utilisé avec un Distance minimale de 20 cm entre le radiateur et votre corps.

FCC/IC Compliance Labels

Visit chargepoint.com/labels.



chargepoint.com/support

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