

EBPS Repair/Retrofit Instructions

For HyTronic® and E-Tronic® 40 Faucets Only

CHICAGO FAUCETS®

Overview

EBPS (Emergency Backup Power System) Conversion Kit for HyTronic and E-Tronic 40 Faucets.

Notice to the Installer

- Read this entire instruction sheet before installing to ensure proper installation.
- Installation must comply with local codes and ordinances.

Pressurized plumbing fixtures shall be installed in accordance with manufacturer's recommendations. The supply piping to these devices shall be securely anchored to the building structure to prevent installed device from unnecessary movement when operated by the user. Care shall be exercised when installing the device to prevent marring the exposed surface.

NOTE: The information in this document is subject to change without notice.

Please leave this manual with the facility manager after completing the faucet installation. This document contains information necessary for routine maintenance and servicing.

NOTE: Before installation, turn off water supplies to existing faucet and remove faucet if replacing. Clean faucet basin and clear away debris. Flush all supply lines before connecting to faucet. Failure to do so can result in debris clogging the inlets and/or solenoids.

IMPORTANT: WHAT TO EXPECT DURING A POWER OUTAGE

At the moment of power loss, faucets that are in active use will automatically switch to battery power. The faucet may turn off for up to 30 seconds while it calibrates and activates the battery backup. After this delay, the faucet will function normally. Faucets not in active use may become inactive for up to 15 minutes until the calibration process begins, after which they will switch to battery power and function normally. To bypass the 10-15 minute delay, you may use the Commander™ handheld unit or CF Connect app on your smartphone to scan the faucet and trigger the calibration process immediately.

Install EBPS: E-Tronic® 40



- 1. Remove the faucet.**
Turn off water supplies and disconnect power source.
Note: Removing the faucet from the sink is not required but makes retrofit much easier.



- 2. Disassemble the faucet.**
Remove spout with a 2.5 mm hex wrench to expose faucet body and electronics.



- 3. Remove screw from electronics module mounting plate** using a #0 Phillips screwdriver.



- 4. Carefully remove the battery holder.**



- 5. Prepare to install EBPS.**
Feed EBPS wires through holes in battery holder and faucet base. Insert EBPS unit in battery housing.



- 6. Feed the connectors and wires through the faucet base.**



- 7. Place battery holder with EBPS back into faucet base.**



- 8. Be sure to place the wires behind the IR module's flange.**



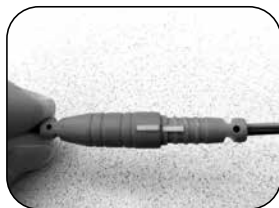
- 9. Assemble faucet.**



- 10. Re-install faucet.**
Secure faucet to sink.



- 11. Place 4 AA battery holder in a convenient location under the counter.** Use dual lock mounting strips where necessary.



- 12. Connect the grey connection wire from the battery pack to the grey connection wire (shorter wire) on the EBPS.**



- 13. Connect the black power supply connector to the EBPS black connection wire (longer wire).**



- 14. Connect the AC power supply to the electric supply.**

IMPORTANT! DO NOT CONNECT THE AC POWER TO THE EBPS DC CONNECTOR/WIRE.

This can damage the faucet and will void your warranty.

EBPS Repair/Retrofit Instructions

(continued)

CHICAGO FAUCETS®

Install EBPS: HyTronic®



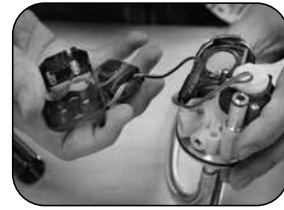
1. **Remove the faucet.** Turn off water supplies and disconnect power source. Note: Removing the faucet from the sink is not required but makes retrofit much easier.



2. **Disassemble the faucet.** Use a 2.5 mm hex wrench to remove spout. Remove the battery.



3. **Remove screw at base of battery housing** using a #0 phillips screwdriver.



4. **Remove electronics module.** Carefully remove battery housing and IR sensor. Disconnect from solenoid. Discard battery housing and IR sensor.



5. **Prepare to install EBPS.** Feed EBPS wire through hole in faucet base.



6. **Install electronics module.** Be sure to snap in module and secure the battery housing with screw. Be sure EBPS wires are not pinching underneath module.



7. **Insert EBPS into battery holder.** Lay wires underneath the unit and around the springs.



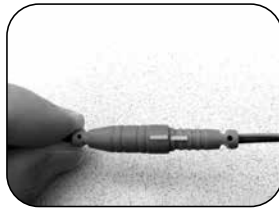
8. **Pull the EBPS wires snugly into the faucet.** Be sure to be within the base o-ring.



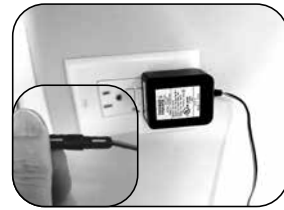
9. **Join power module connections.**



10. **Assemble faucet.** Attach rubber gasket and secure spout to the body with the shut-off screw. Be careful not to pinch any wires.



11. **Connect to battery supply.**



12. **Connect to AC supply.**

Care and Maintenance

All Chicago Faucets fittings are designed and engineered to meet or exceed industry performance standards.

Care should be taken when cleaning this product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap with warm water for cleaning and protecting the surface of Chicago Faucets fittings.

For additional technical assistance, call 800/TEC-TRUE (800-832-8783) or visit our website at chicagofaucets.com.

CHICAGO FAUCETS LIMITED WARRANTY

TO WHOM DOES THIS WARRANTY APPLY? — The Company extends the following limited warranty to the original user only.

WHAT DOES THIS WARRANTY COVER AND HOW LONG DOES IT LAST?

This warranty covers the following Commercial Products:

LIFETIME FAUCET WARRANTY — The "Faucet," defined as any metal cast, forged, stamped or formed portion of the Product, not including electronic or moving parts or other products separately covered by this Limited Warranty or water restricting components or other components, is warranted against material manufacturing defects for the life of the Product.

FIVE YEAR FAUCET WARRANTY — Certain Products and portions of the Product are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase. Products warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase are referred to by the product numbers 42X, 43X, 15XX and E-Tronic™ - 4X, 5X, 6X, 7X, 8X and 9X. All zinc die cast portions of Product are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase.

THREE YEAR ELECTRONICS WARRANTY — Electronic components, including the solenoid, are warranted for three (3) years from the date of installation.

FIVE YEAR CARTRIDGE WARRANTY — The "Cartridge", defined as the metal portion of any Product typically referred to by the product numbers containing 1-099, 1-100, 1-310, 377X, 217X and 274X, excluding any rubber or plastic components, is warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase. All Cartridges included in the Company's Single Control or Shower Products also are warranted against material manufacturing defects for a period of five (5) years from the date of Product purchase.

ONE YEAR FINISH WARRANTY - COMMERCIAL — For Products used in commercial applications, the finish of the Product is warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

OTHER WARRANTIES — All other Products not covered above are warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

Other restrictions and limitations apply. For complete warranty details, call Chicago Faucets Customer Service at 847-803-5000 or visit chicagofaucets.com.

The Chicago Faucet Company
2100 South Clearwater Drive
Des Plaines, IL 60018
Phone: 847/803-5000
Fax: 847/849-1853
Technical: 800/832-8783
www.chicagofaucets.com