

The Powerhouse Latch Arm Kit was designed to allow existing Powerhouse units to be upgraded in the field to accommodate the Bullard T4N Thermal Imager.

## Installation:

1. Remove imager, spare battery, and any spare parts or storage items from Powerhouse.
2. Disconnect Powerhouse from power source.
3. Remove Powerhouse from aluminum back plate by removing four (4) stainless steel #10-32 Phillips Head screws. Be sure to collect the latch spring when removing Powerhouse from aluminum back plate (Figure 1).
4. Remove small, upper Phillips Head screw from left-hand side of Powerhouse (Figure 2).
5. Detach upper housing from lower housing by removing Phillips Head screw from bottom of lower housing (Figure 3).

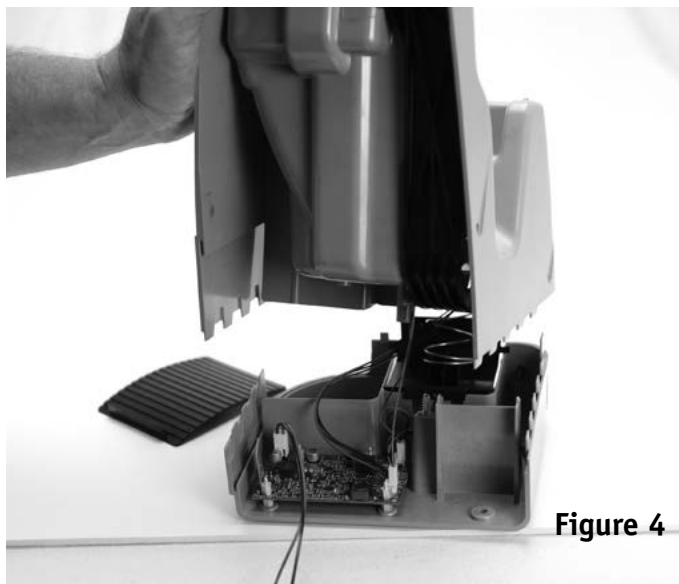
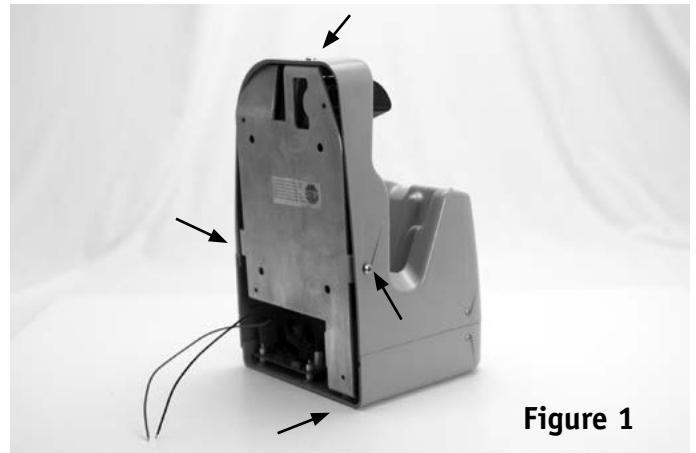
### NOTE

Upper housing holds spring for spare battery charging station latch (Figure 4).

### NOTE

Be careful not to damage charging board electronics while housing is detached.

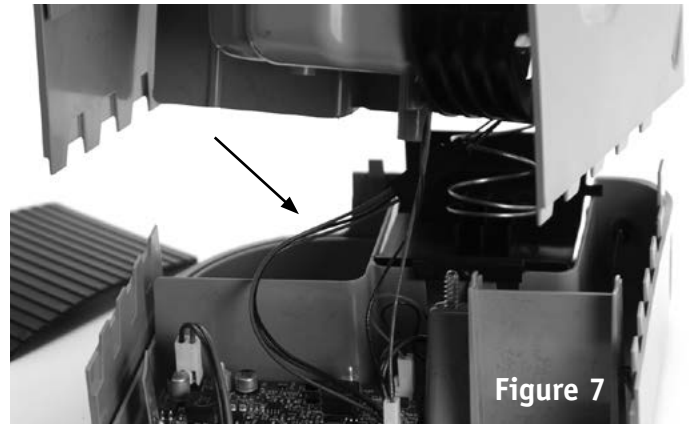
6. Remove latch arm and replace with new (Figure 5).



7. Reattach upper housing to lower housing by replacing Phillips Head screw into bottom of lower housing. The screw that connects the upper housing to the lower housing by design has a tight fit in order to securely hold the Powerhouse unit together. It may be necessary to rotate the Powerhouse unit upside down in order to properly seat the housing while tightening the screw (Figure 6).



**Figure 6**



**Figure 7**

**NOTE**

Be careful not to pinch the wiring harness during reassembly (Figure 7).

**NOTE**

The storage compartment door may become dislodged during reassembly. If this happens, slowly back out the Phillips Head screw from the bottom of the lower housing until there is sufficient space to position the storage compartment door back into proper position. You may need to complete the reassembly with the storage compartment door in the "open" position (Figure 8).



**Figure 8**



**Figure 9**

8. Replace small, upper Phillips Head screw into left-hand side of Powerhouse (Figure 2).

9. Reattach Powerhouse to aluminum back plate by placing the latch spring firmly onto the protruding spring seat on the back of the latch, near the top of the unit. Set the unit in place on the back plate, making sure that the free end of the latch spring seats into the milled recess in the back plate and that the wiring is not pinched or trapped (Figure 9).

10. The Powerhouse unit is a snug fit on the back plate, and it may be necessary to spread the sides slightly as you set it into place. Once in place, secure the unit to the back plate with the four (4) stainless steel #10-32 Phillips Head screws provided. Reconnect the power supply wiring (Figure 1).

**Americas:**

**Bullard**  
1898 Safety Way  
Cynthiana, KY 41031-9303 • USA  
Toll-free within USA: 877-BULLARD (285-5273)  
Tel: +1-859-234-6616  
Fax: +1-859-234-8987

**Europe:**

**Bullard GmbH**  
Lilienthalstrasse 12  
53424 Remagen • Germany  
Tel: +49-2642 999980  
Fax: +49-2642 9999829

**Asia-Pacific:**

**Bullard Asia Pacific Pte. Ltd.**  
LHK Building  
701, Sims Drive, #04-03  
Singapore 387383  
Tel: +65-6745-0556  
Fax: +65-6745-5176



©2013 Bullard. All rights reserved.

60500510529A (0613)