



WavePro™ Power Circuit Breaker Accessories

Padlock Device Kit

Introduction

The WavePro padlock provision has been redesigned to accommodate multilock scissor-type safety lockout hasps as well as up to three padlocks with $\frac{3}{8}$ "-diameter shanks. The padlock provision prevents the breaker from closing by holding the trip latch in the tripped position.

The catalog numbers for the padlock device kits for different applications are listed in Table 1. Table 2 is the list of parts included in the kit. The padlock assembly is illustrated in Figure 1.

Catalog Number	Application
WPLFOEMPLKHC	OEM Large Frame, Hidden Close
WPLFOEMPLKRC	OEM Large Frame, Regular Close
WPSFOEMPLKHC	OEM Small Frame, Hidden Close
WPSFOEMPLKRC	OEM Small Frame, Regular Close
WPLFPLKHC	Large Frame, Hidden Close
WPLFPLKRC	Large Frame, Regular Close
WPSFPLKHC	Small Frame, Hidden Close
WPSFPLKRC	Small Frame, Regular Close

Table 1. Catalog numbers of padlock device kits.

Item	Part No.	Description	Qty.
1	N691P15010B6	Screw, #8-32	6
2	N721DP21020B6	Screw, $\frac{1}{4}$ -20 x $1\frac{1}{4}$ "	2
3	N405P11B6	Lock washer, $\frac{1}{4}$ "	2
4	10086256G1, 2	Padlock assembly	2
5	10060267G1, 2	Breaker escutcheon	1
6	N722EP16006B6	Screw, #10-32 x $\frac{3}{8}$ "	1
7	10055936G1	Hidden close button	1

☐ G1 applies to small-frame kits, G2 to large-frame kits.

☐ Replacement screw included in small-frame kits.

☐ Included in kits specifying hidden close button.

Table 2. Parts included in the padlock kit.

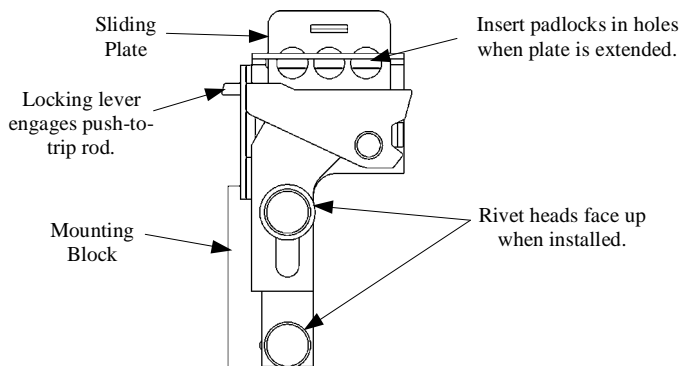


Figure 1. Padlock assembly.

Operation

To operate the padlock mechanism, first trip the breaker by pressing the OPEN button. While holding the OPEN button in, pull the padlock sliding plate out. Put the padlock or safety lockout hasp into any hole in the plate. This will prevent the plate from returning to its unlocked position and prevent the breaker from closing.

Installation



WARNING: Before installing any accessories, turn the breaker OFF, disconnect it from all voltage sources, and discharge the closing springs.



AVERTISSEMENT: Avant d'installer tout accessoire, mettre le disjoncteur en position OFF, le déconnecter de toute tension d'alimentation, et décharger les ressorts d'armement.

Numbers in brackets in the text and figures refer to the item numbers of the parts in Table 2.

1. Remove the six screws securing the escutcheon to the breaker. Pull the manual charge handle out partway, then slide off the escutcheon and discard.
2. If required, follow DEH187 to install a hidden close button.
3. **Small frame only.** Remove the #10-32 x $\frac{5}{8}$ " screw shown in Figure 2 and replace it with a #10-32 x $\frac{3}{8}$ " screw [6]. Remove the retainer ring and washer, then replace only the retainer ring.

Large frame only. Remove the spring indicated in Figure 3.

4. **Small frame only.** Drill two 0.221"-diameter holes (#2 drill) in the racking mechanism bracket, as indicated in Figure 4. Place the holes as follows:

- **First hole:** $\frac{23}{64}$ " (0.36") from the right edge and $\frac{41}{64}$ " (0.64") from the inside of the top bend.
- **Second hole:** $\frac{17}{32}$ " (0.53") from the right edge and $\frac{41}{64}$ " (0.64") from the inside of the top bend.



Large frame only. Drill two 0.221"-diameter holes (#2 drill) in the racking mechanism bracket, as indicated in Figure 5. Place the holes as follows:

- **First hole:** $\frac{39}{64}$ " (0.61") from the right edge and $\frac{15}{64}$ " (0.24") from the bottom edge.
- **Second hole:** $1\frac{25}{32}$ " (1.79") from the right edge and $\frac{15}{64}$ " (0.24") from the bottom edge.

- Align the drilled holes with the holes in the padlock assembly [4] mounting block, as shown in Figures 6 and 7. The rivet heads in the assembly must face up. The locking lever of the padlock assembly must engage the steel plate of the push-to-trip rod. Secure with two $\frac{1}{4}$ -20 x $1\frac{1}{4}$ " screws [2] and lock washers [3] and tighten to 70–85 in-lb.
- Pull the manual charge handle partway out. Slide the handle through the slot in the new escutcheon [5] and slide the escutcheon into place. Secure with the six #8-32 mounting screws [1] and tighten to 14–20 in-lb.



WARNING: Be sure to test for proper operation of the mechanism, as described in step 7, before using it to secure the breaker.



AVERTISSEMENT: Assurez-vous de tester que le mécanisme opère correctement, tel que décrit à l'étape 7, avant de l'utiliser pour fixer le disjoncteur.

- To check for proper installation of the padlock mechanism, push in the OPEN button, pull out the padlock slide, insert a $\frac{1}{8}$ " rod or #10 gage solid wire, and attempt to close the breaker. *The breaker must not close.*

If the breaker closes, the padlock mechanism is not mounted in the correct location. It may be necessary to drill larger holes, push the padlock mechanism back, and add nuts to the two screws.

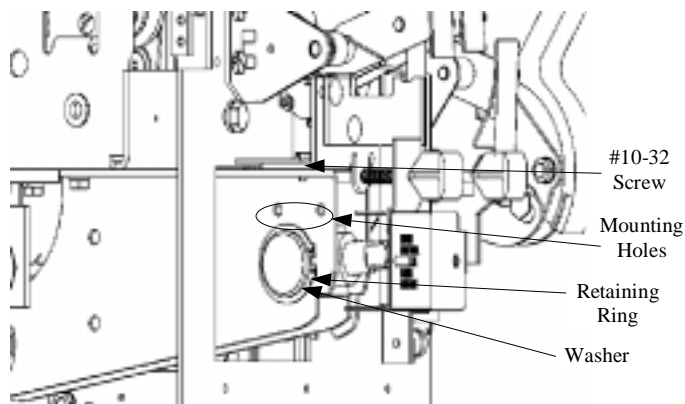


Figure 2. Small frame padlock provision mounting location.

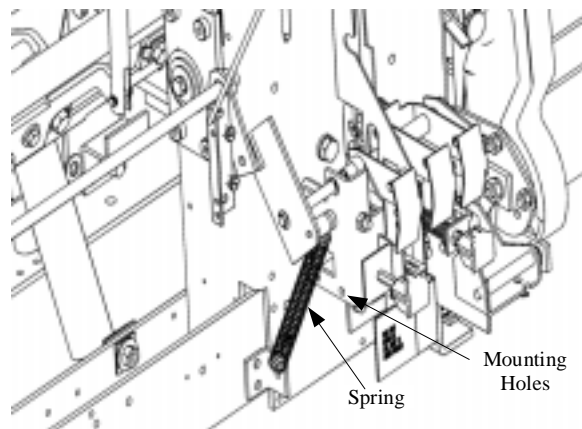


Figure 3. Large frame padlock provision mounting location.

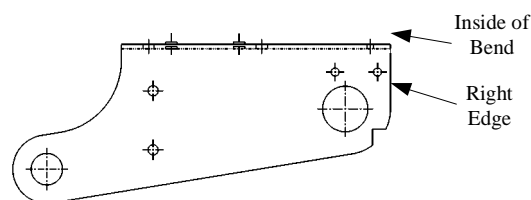


Figure 4. Small frame racking mechanism bracket.

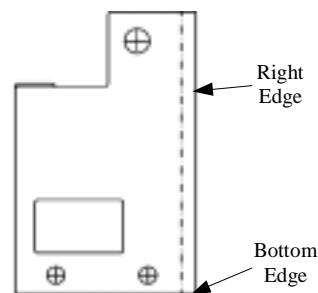


Figure 5. Large frame racking mechanism bracket.

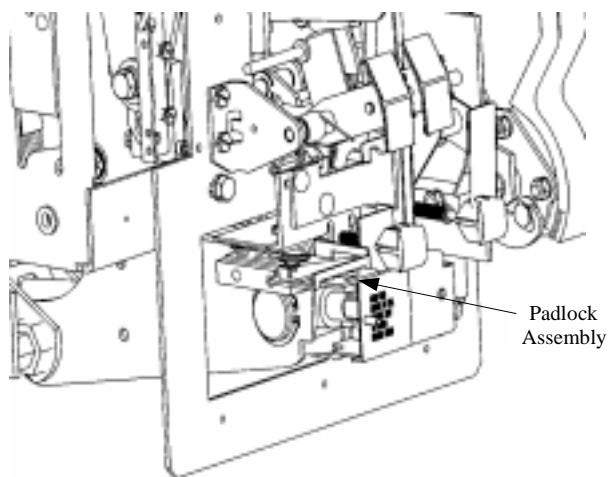


Figure 6. Padlock assembly installed on a small-frame breaker.

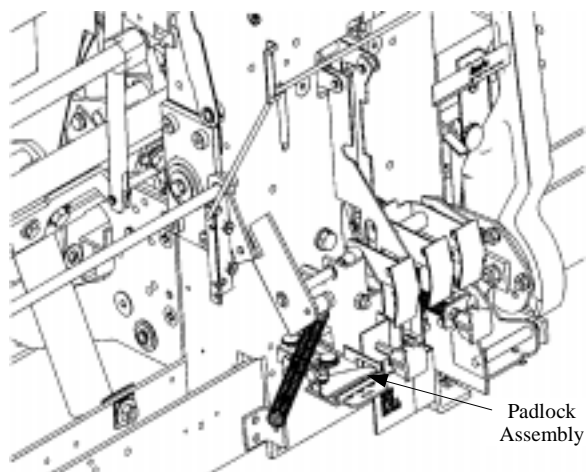


Figure 7. Padlock assembly installed on a large-frame breaker.

These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the GE Company.



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