

Replacement Instructions for the Automatic Door Release HP Modular Cooling System



⚠ Important Safety Information

Before installation, read *Important Safety Information* on the Documentation CD. .Documentation CD قبل التثبيت، اقرأ معلومات هامة حول السلامة على القرص المضغوط .Documentation CD. Před instalací si přečtěte příručku *Důležité bezpečnostní informace* na disku CD. 安裝之前，請閱讀文檔 CD 上的 *重要安全信息*。 安裝前，請閱讀說明文件光碟上的「*重要的安全性資訊*」。

Les dokumentet Vigtige sikkerhedsoplysninger på dokumentations-cd'en, før produktet installeres. Lesen Sie vor der Installation die *Sicherheitshinweise* auf der Documentation CD. Enne installimist vt dokumentatsiooni CD-lt peatükki „*Tähtis ohutusteave*“.

Antes de la instalación, lea la sección *Información de seguridad importante* del CD Documentación. Avant l'installation, lisez les *informations importantes relatives à la sécurité* CD Documentation. Πριν την εγκατάσταση, διαβάστε *Σημαντικές πληροφορίες ασφαλείας* στο CD Documentation. לפני ההתקנה, קרא את *המידע הבטיחותי החשוב* שב-Documentation CD (תקליטור התיוד). Prije ugradnje, pročitajte *Važne sigurnosne informacije* na dokumentacijskom CD-u. Prima dell'installazione, leggere sul CD le *Informazioni importanti sulla sicurezza*. インストール前に、Documentation CDの『安全に使用していただくために』をお読みください。 설치하기 전에 Documentation CD의 *주요 안전 수칙*을 읽으십시오.

Pirms instalācijas, izlasiet drošības informāciju dokumentācijas CD. Prieš diegdami perskaitykite *Svarbią saugos informaciją* dokumentacijos CD. Telepítés előtt olvassa el a dokumentációs CD *Fontos biztonsági tudnivalók* dokumentumát. Lees de *Belangrijke veiligheidsinformatie* op de documentatie-cd voordat u de installatie uitvoert. Les "Viktig sikkerhetsinformasjon" på dokumentasjons-CDen før du installerer dette produktet. Przed instalacją przeczytaj *Ważne informacje dotyczące bezpieczeństwa* na dysku CD Documentation.

Antes da instalação, leia as *Informações Importantes sobre Segurança* no CD da Documentação. Перед установкой ознакомьтесь с разделом *Указания по технике безопасности* на компакт-диске «Документация».

Pred instaláciou si prečítajte časť *Dôležité bezpečnostné informácie* na disku Documentation CD. Pred nameslitvijo preberite *Pomembne varnostne informacije* na CD-ju Documentation. Tärkeisiin turvatietoihin" Documentation CD -levyllä ennen tuotteen asentamista. Läs dokumentet *Viktig säkerhetsinformation* på dokumentations-cd:n innan du installerar denna produkt. Yüklemeden önce, Documentation CD'sindeki *Önemli Güvenlik Bilgileri*'ni okuyun. Перед установкою прочитайте *Важливі відомості з безпеки* на CD документації.

About this document

This document describes the procedure for replacing the automatic door release of an HP Modular Cooling System (MCS).

Customers who order a replacement automatic door release are supplied with a kit that contains the spare automatic door release. To replace the original automatic door release, remove it from the MCS unit and replace it with the new automatic door release as described in the following instructions.

HP Modular Cooling System Spare Replacement video

Because of the difficulty of removing and replacing spare parts, HP recommends watching the HP Modular Cooling System Spare Replacement video. This video provides further explanation and detail of replacement strategies and techniques that might be helpful when attempting to remove and replace spare parts. You can access the video on the HP website (<http://www.hp.com/go/mcs>).

Required tools

To complete the following steps, you will need:

- 3-mm Allen wrench
- T-25 Torx driver
- Wire cutters

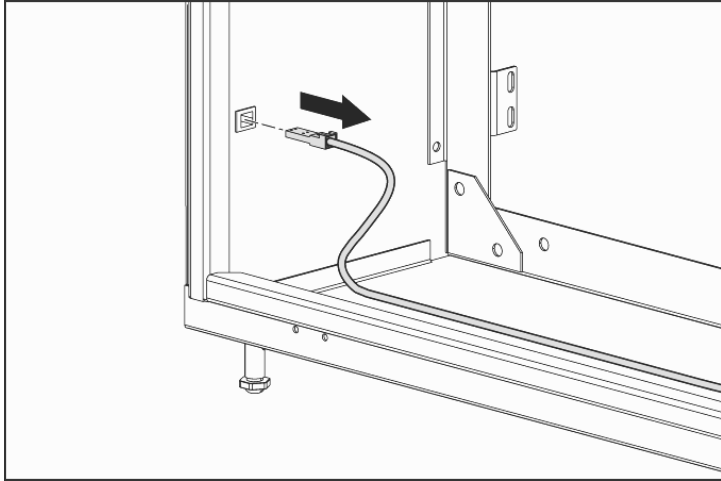
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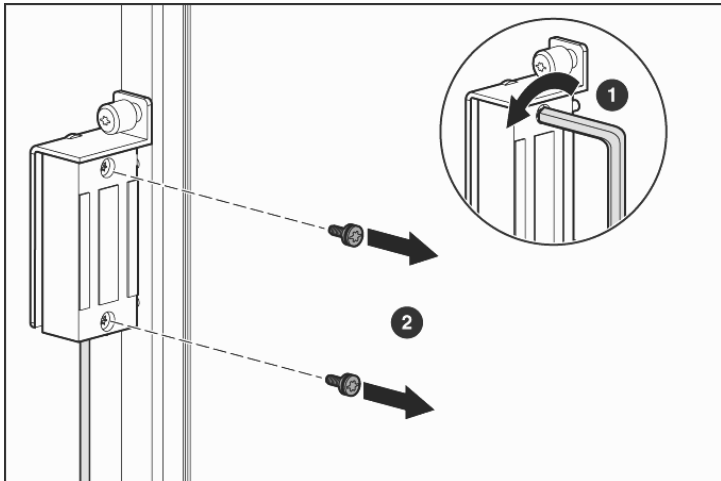
Part Number 444988-001
April 2007 (First Edition)

Removing the front automatic door release

1. Unplug the electromagnetic lock cable from the panel connector on the MCS unit.



2. Using an Allen wrench, remove the two black cap screws securing the electromagnetic lock to the electromagnetic lock bracket.



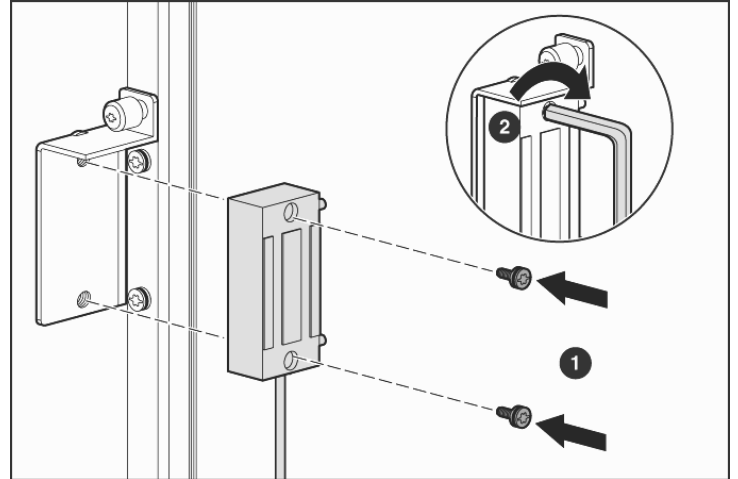
3. Remove the electromagnetic lock and cable from the rack.

To replace this component, see "Replacing the front automatic door release (on page 1)."

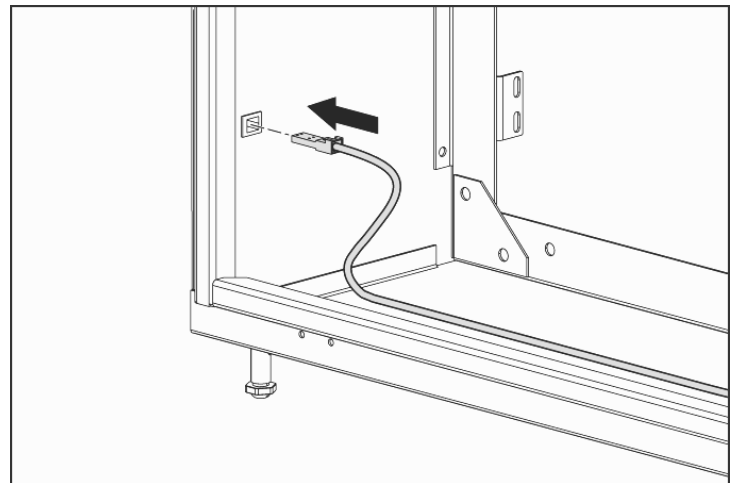
Replacing the front automatic door release

1. Align the electromagnetic lock to the electromagnetic lock bracket.

2. Using an Allen wrench, insert and tighten two black cap screws to secure the electromagnetic lock to the electromagnetic lock bracket.

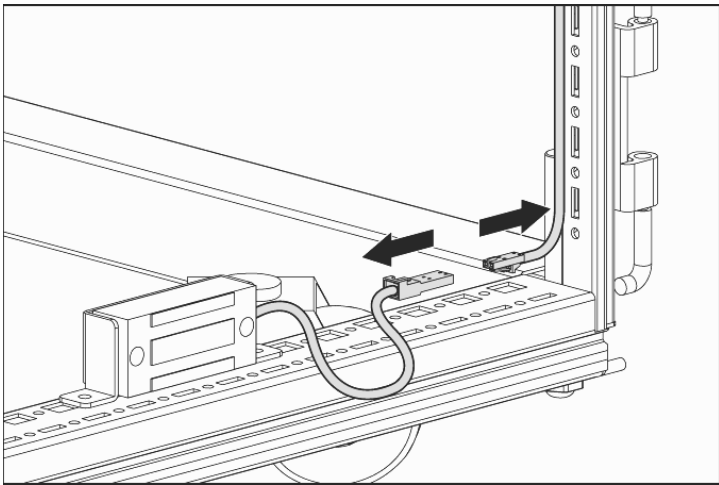
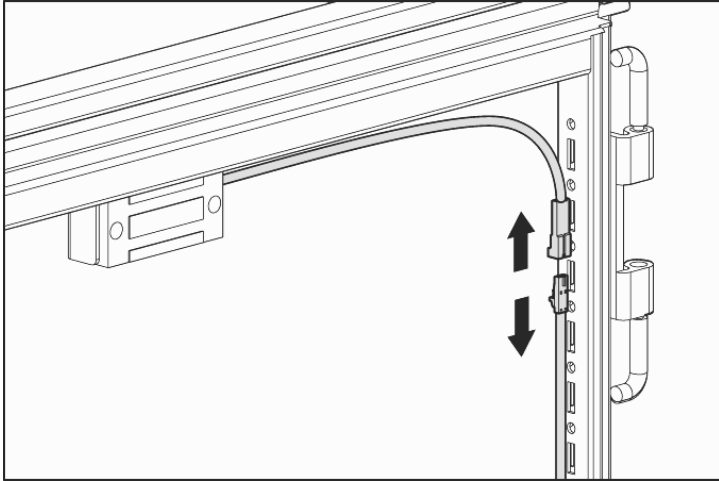


3. Route the magnetic lock cable down through front extension channel, across the front of the rack, and plug it into the panel connector on the MCS unit.



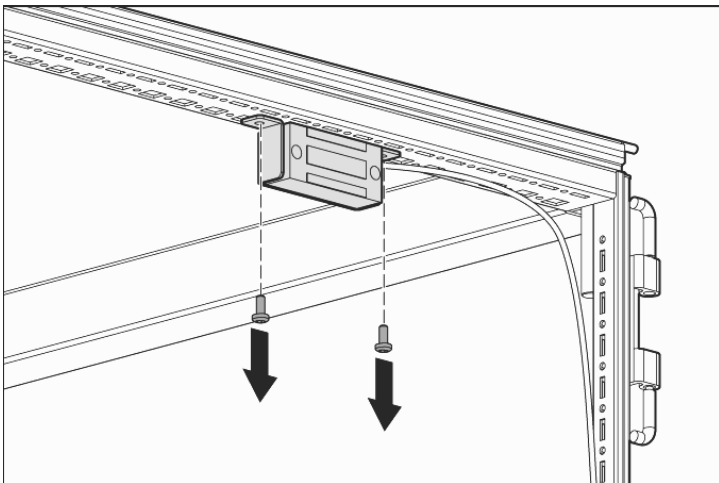
Removing the rear automatic door release

1. Unplug the top and bottom electromagnetic lock cables from the extension lock cable.

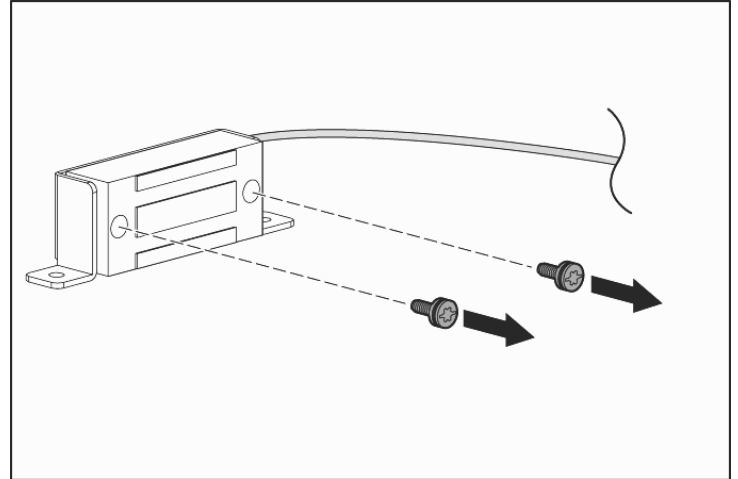


NOTE: Be sure to note the location of the electromagnetic brackets prior to removal.

2. Using a T-25 Torx driver, remove the four screws securing the upper and lower electromagnetic lock brackets to the rack chassis.



3. Using an Allen wrench, remove the two black cap screws securing each electromagnetic lock to its electromagnetic lock bracket.

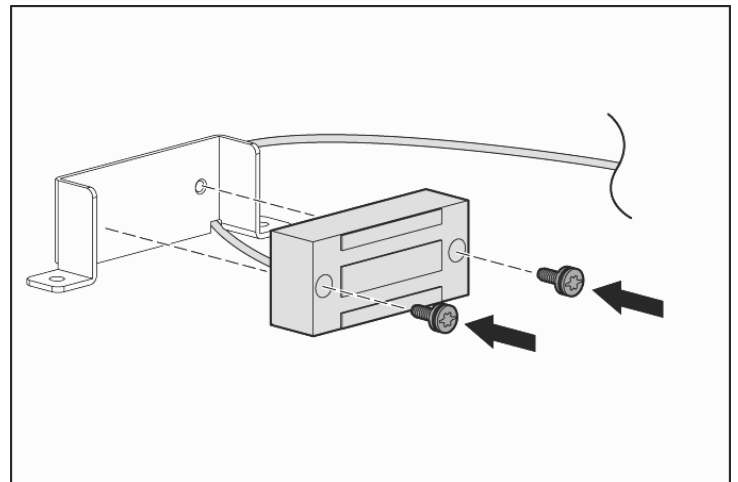


4. Remove the electromagnetic locks and cables from the rack.

To replace this component, see "Replacing the rear automatic door release (on page 2)."

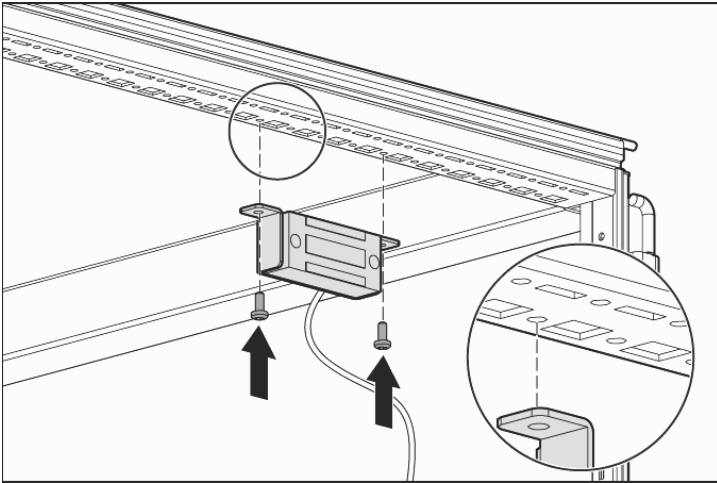
Replacing the rear automatic door release

1. Align the electromagnetic locks to the electromagnetic lock brackets.
2. Using an Allen wrench, insert and tighten two black cap screws to secure each electromagnetic lock to its electromagnetic lock bracket.

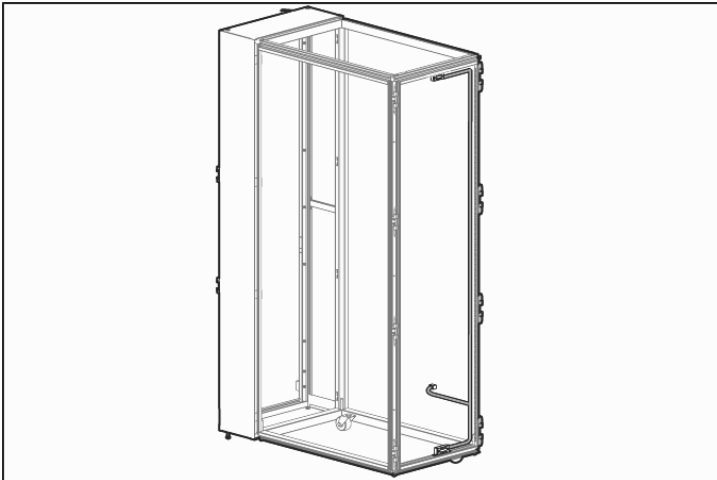


3. Install the top electromagnetic lock bracket to the rack chassis in the location you noted during removal.
 - a. Align the electromagnetic lock assembly to the rack chassis in the location you noted during removal.

- b.** Using a T-25 Torx driver, insert and tighten two M5.5 self-tapping screws into the inner row of rack holes to secure the electromagnetic lock assembly to the rack chassis.



- 4.** Repeat step 3 for the bottom electromagnetic lock bracket.
- 5.** Route the magnetic lock cable through the rear extension channel, across the rack, and plug it into the panel connector on the MCS unit.



Returning the failed component

Instructions are provided on the return label supplied with the replacement component. The return label is either in the box in which the component was shipped or in the plastic pouch attached to the box.

For further information about the Customer Self Repair program, see <http://www.hp.com/go/selfrepair>.