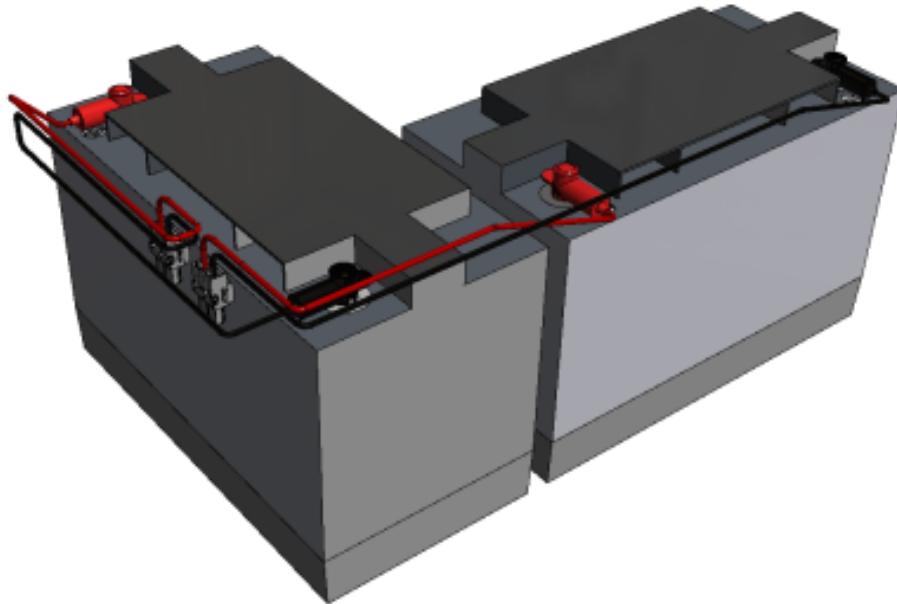


AS-35210 (Conjunto de baterías)



Retire el AS-35210 (Conjunto de baterías)

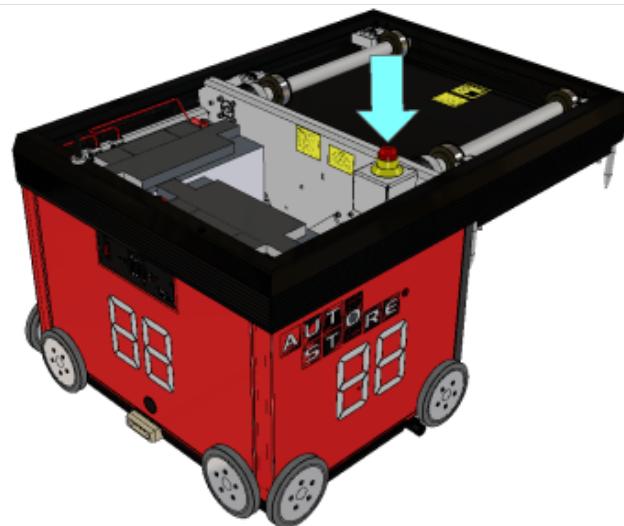
Tiempo estimado de retirada: < 2 minutos

Herramientas necesarias:

- No se necesitan herramientas

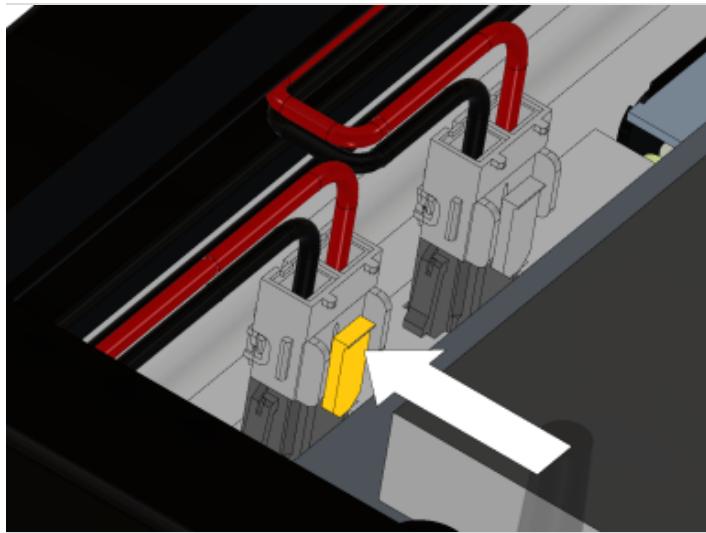
Preparación:

- Retire AS-35205 (SDG de la parte superior de la hoja) / AS-35646 (DDG de la parte superior de la hoja)[as-35205-sheet-top-sdg---as-35646-sheet-top-ddg-.html#UUID-2653ba5f-4e21-b730-9d1e-f6dd04791b3a_UUID-9a96252c-e093-b3f9-9d3b-4de2dade2faf]

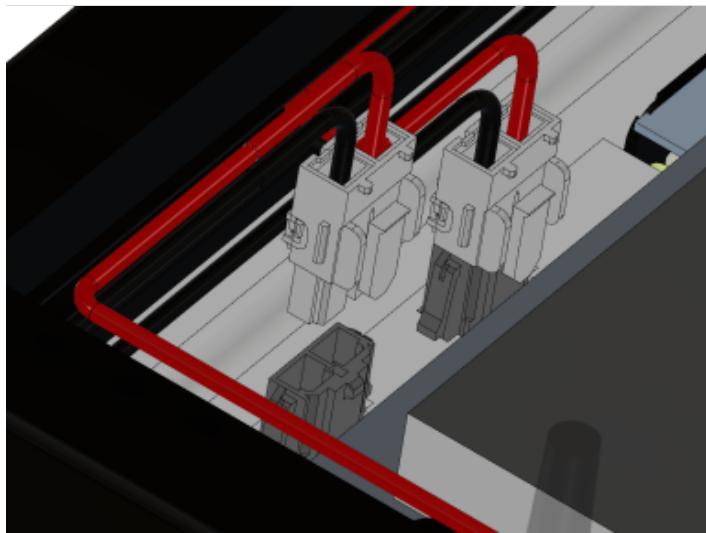


1. Apague el robot (presione el botón de parada de emergencia del robot).

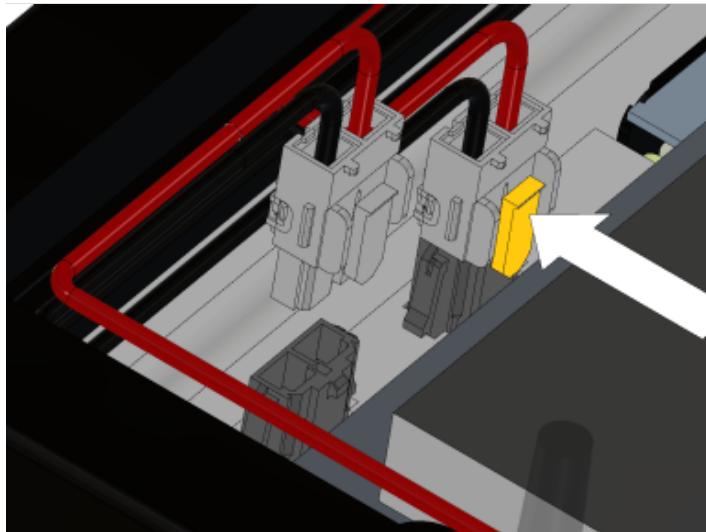
-
2. Desconecte la primera batería:
 3. Mantenga presionado el pestillo.



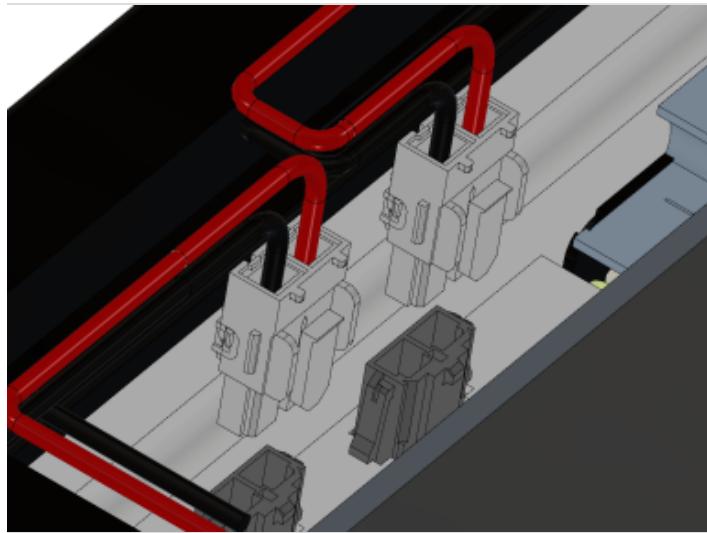
-
4. Desconecte el enchufe.



-
5. Desconecte la segunda batería:
 6. Mantenga presionado el bloqueo del pestillo



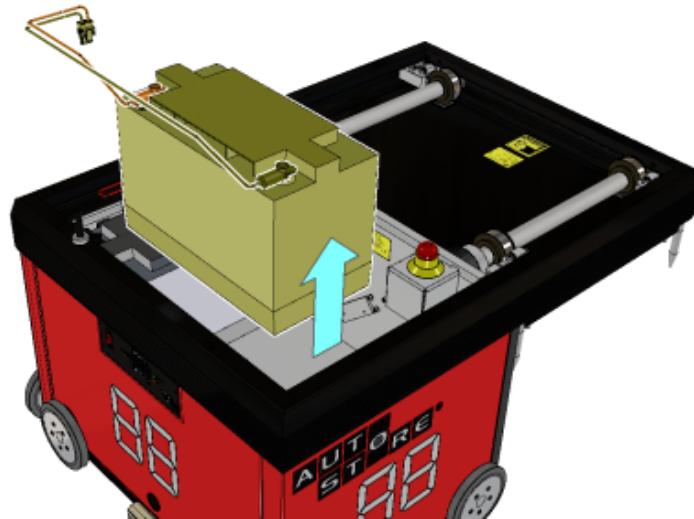
7. Desconecte el enchufe.



8. Retire la primera batería.

⚠ Cautela

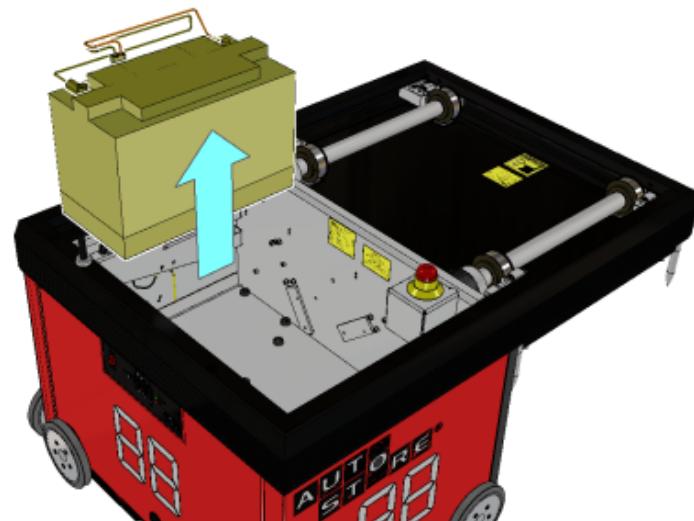
¡La batería es pesada!



9. Retire la segunda batería.

⚠ Cautela

¡La batería es pesada!



Instalar AS-35210 (Conjunto de batería)

⚠ Cautela

Instale siempre las baterías con aproximadamente el mismo nivel de voltaje de circuito abierto (el mismo nivel de carga) y la

misma fecha de fabricación.

A Cautela

NO mezcle las baterías con diferentes niveles de voltaje de circuito abierto o las baterías nuevas con las usadas.

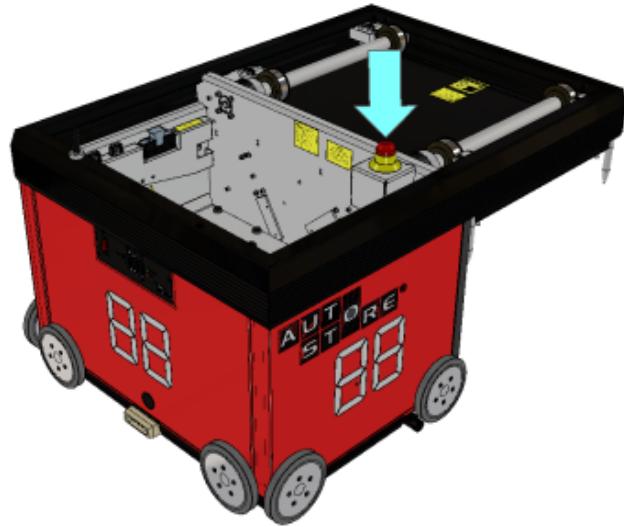
Tiempo estimado de instalación: < 2 minutos

Herramientas necesarias:

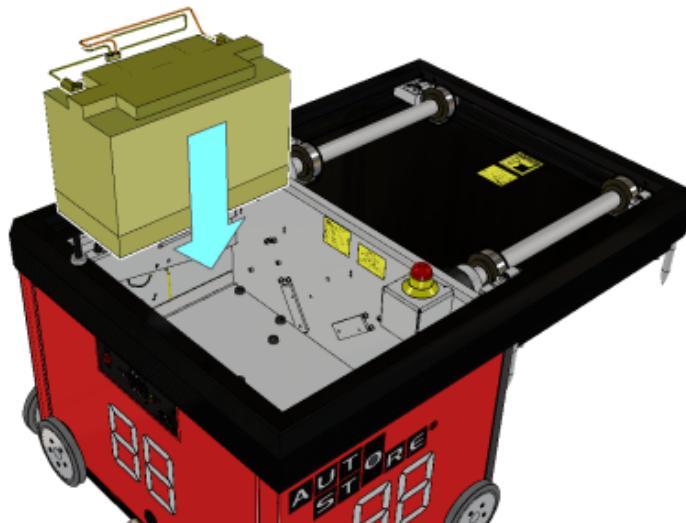
- No se necesitan herramientas

Procedimiento:

1. Asegúrese de que el robot esté apagado (se presiona el botón de parada de emergencia).



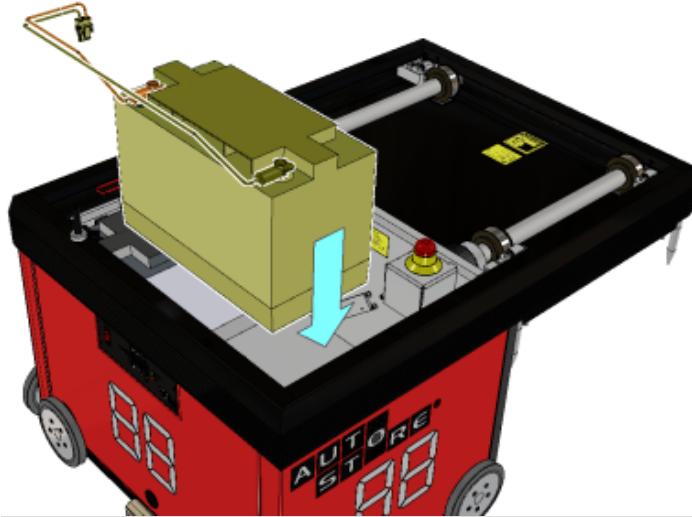
2. Coloque la primera batería en la posición correcta en el piso de la batería (el lado izquierdo del robot).
3. Connectors on the battery must face towards the Robot frame.
4. Make sure that the battery is inside the square formed by the rubber feet on the battery floor.



A Caution

Battery is heavy!

5. Place the second battery in the correct position on the battery floor (the right side of the Robot).
6. Connectors on the battery must face towards the Robot frame.
7. Make sure that the battery is inside the square formed by the rubber feet on the battery floor.



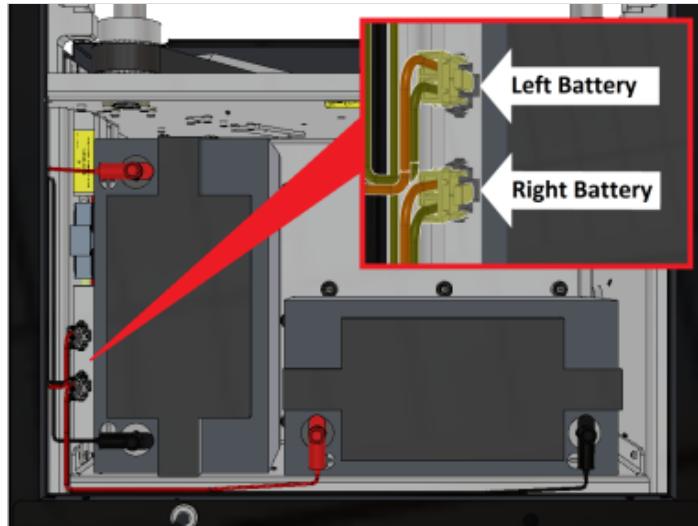
 Note

Make sure the Robot is turned off during the connection of the batteries. This is to avoid the damage of the connecting pins. Sparks may cause immediate or intermittent contact failure.

 Caution

Never pull or push the cable without holding the plastic plug.

8. Connect both batteries.



Completion:

- Install AS-35205 (Sheet top SDG) / AS-35646 (Sheet Top DDG)[as-35205-sheet-top-sdg---as-35646-sheet-top-ddg-.html#UUID-2653ba5f-4e21-b730-9d1e-f6dd04791b3a_UUID-67d6d688-0828-2123-11d3-b92cb6ca4d01]

Storage - AS-35210 (Battery assembly)

 Note

"Chairman® batteries are charged at the factory and are ready for installation when they are received."

Batteries may be stored prior to installation for up to 2 years, provided they are boost charged as described below.

Batteries should be stored in the coolest environment available, preferably not exceeding 68 degrees Fahrenheit (20 degrees Celsius).

The higher the temperature, the faster the battery will self-discharge and require boost charging. (...)

While in storage, batteries should be boost charged every 90 days or when the open circuit voltage (OCV) drops to 12.5 volts for a 12 volt battery.

This OCV corresponds to approximately 75% state of charge.

Boost charge batteries using a constant voltage charger set at 14.4 to 15.0 volts for 12 volt battery.

The boost charge should be applied until the charging current falls below 0.5 percent of the battery's 20 hour rated capacity (0.5 amps for a 100 Ah battery)."

Caution

We recommend to use the CTEK battery charger - model: MSX 25

Preparing battery for storing (the CTEK charger):

1. Check open circuit voltage (OCV)
 - a. if it's more than 12.5 volts, battery is ready for storing
 - b. if it's exactly 12.5 volts or less, battery needs to be charged.
2. Charge battery using Normal battery program.

Choose NORMAL program, by pressing MODE-button.

Note

Charge Battery using NORMAL program every 90 days or when OCV drops to 12.5 volts.

3. Once per year of storing, Battery needs to be charged using RECOND program.

Choose RECOND program, by pressing MODE-button.

Note

Using other charger than supplied with AutoStore is not supported.

Molex lubrication - Nyogel 760G

Estimated time: 10 minutes

Note

Select the lubricant - Nyogel 760G in the most appropriate packing form, and matched to the dispensing method. Shown here is a manual method using a soft plastic scraper/spatula.

Note

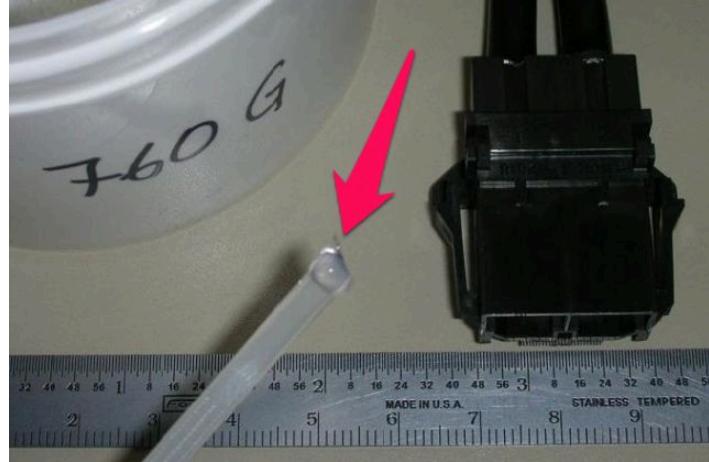
Only the male terminals must be lubricated. If this kit has female terminals only, check if the matching male terminal is already covered with lubricant. If not, follow the lubrication procedure.

Note

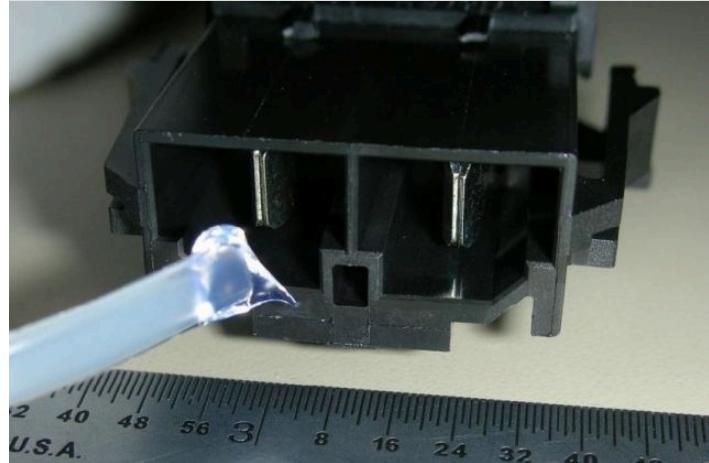
The male Molex terminals are placed on: - AS-35016 (Fuse box assembly), - AS-35017 (Power board).

Procedure:

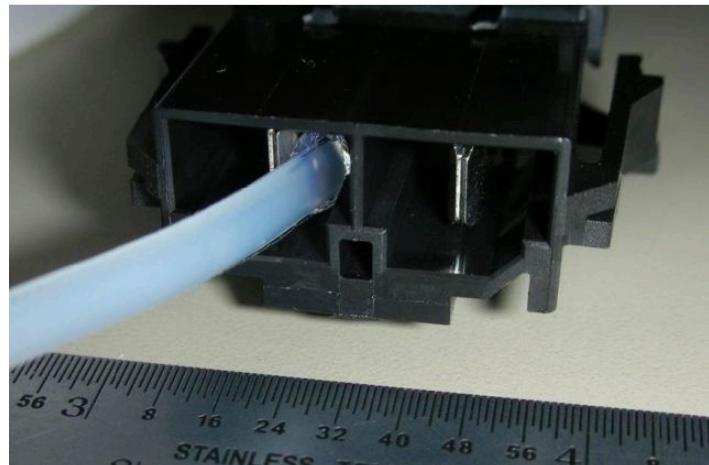
-
1. Use a soft plastic scraper/spatula (or small brush with hard bristles). Get a small drop of Nyogel 760G as is shown on photo.



2. Carefully insert Nyogel 760G into the Molex housing.



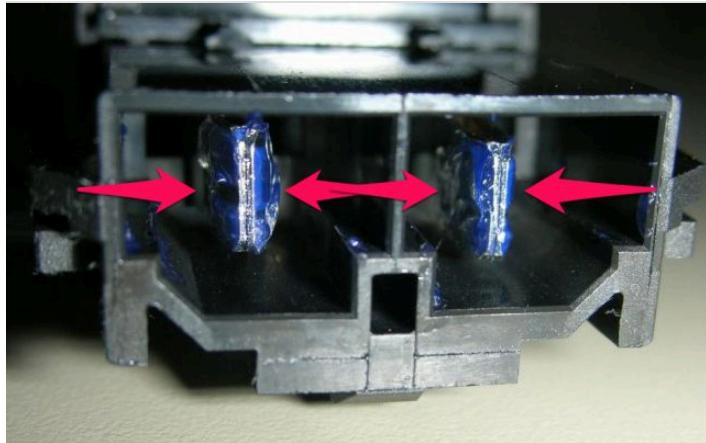
3. Apply Nyogel 760G to both sides of every male terminal.



-
4. Photo of Nyogel 760G applied to both sides of each male terminal, covering the contact areas.

 Note

Lubricant must cover whole contact area on male terminals. A thin layer of lubricant is enough (as shown on photo).



 Important

Try to avoid a potential contamination of the Molex housing.