

AS-35033 (Conjunto de motor Robot R5 Move-x) / AS-36083 (Conjunto de motor Robot R5.1 PRO Move-x)

Retire AS-35033 / AS-36083 (conjunto de motor Move-x)

Herramientas necesarias:

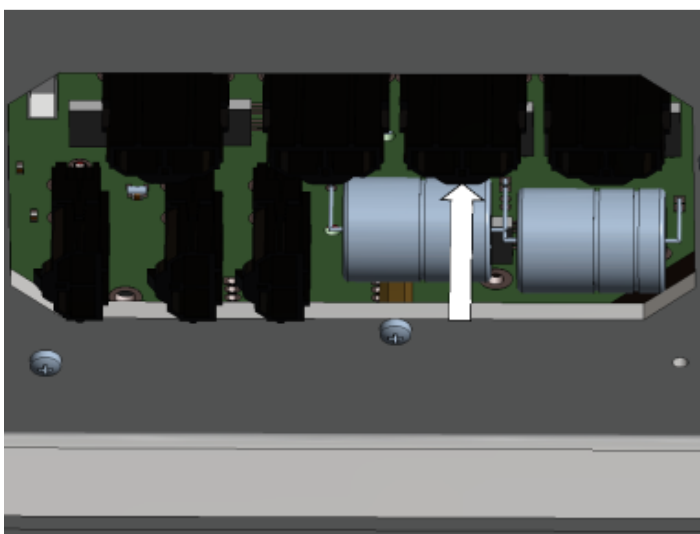
- Llave hexagonal - 3 mm
- Llave hexagonal - 4 mm
- Llave hexagonal - 5mm
- Destornillador - Pozidriv PZ2
- Destornillador - Ranura 5mm
- Llave inglesa - 8 mm

Preparación:

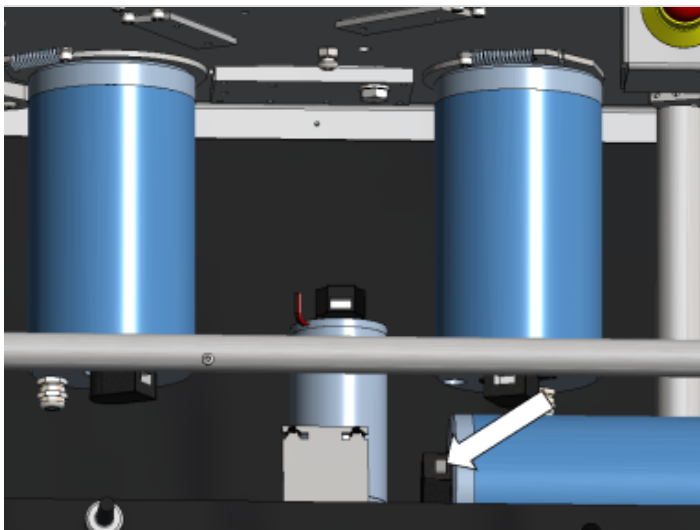
- Retire AS-35205 (SDG de la parte superior de la hoja) / AS-35646 (DDG de la parte superior de la hoja)[as-35205-sheet-top-sdg---as-35646-sheet-top-ddg-.html#UUID-2653ba5f-4e21-b730-9d1e-f6dd04791b3a_UUID-9a96252c-e093-b3f9-9d3b-4de2dade2faf]
- Retire AS-35011 (Hoja trasera)[as-35011-r5---as-35942-r5---sheet-rear-.html#UUID-3cfa3d6f-2d13-f6a1-bd8c-29067174afcf_UUID-56eb0901-be2b-17b1-005e-ab3076196808]
- Quitar AS-35012 (Hoja derecha)[as-35012-r5---as-35943-r5---sheet-right-.html#UUID-4a74965f-f8e8-94be-875d-def38189c946_UUID-26b3d846-4d07-4a61-998c-ccafd5b19d1e]
- Retire AS-35120 (Conjunto de batería)[as-35210-battery-assembly-.html#UUID-d12b6509-2362-50e1-afbd-5d8ba4735988_UUID-852734a8-2963-b764-6ec9-926946f929e2]
- Retire el AS-35200 (piso de la batería)[as-35200-battery-floor-.html#UUID-bf9cabd6-ee31-0bef-ac7b-ab738d9b8c25_UUID-d5ae8863-70b4-5227-0eb8-ed569c4e031d]
- Aflojar AS-35201 (Correa de distribución 400)[as-35201-timing-belt-400-.html]
- Retire AS-35201 (correa de distribución 400)[as-35201-timing-belt-400-.html]

Procedimiento:

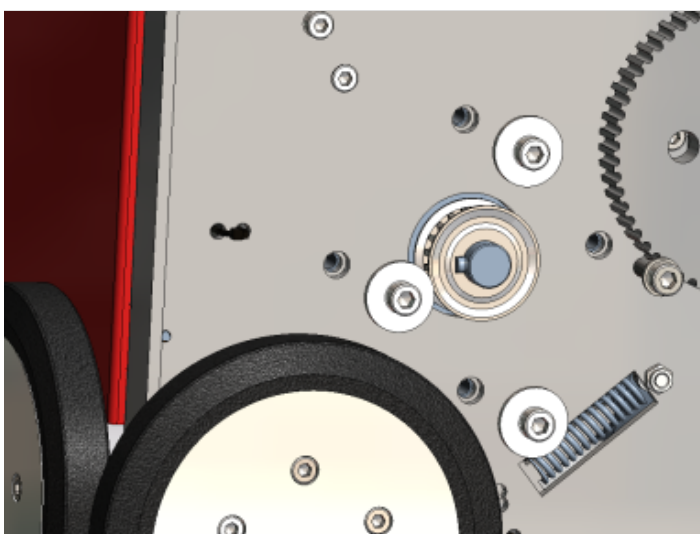
1. Desconecte el conector del motor de movimiento.



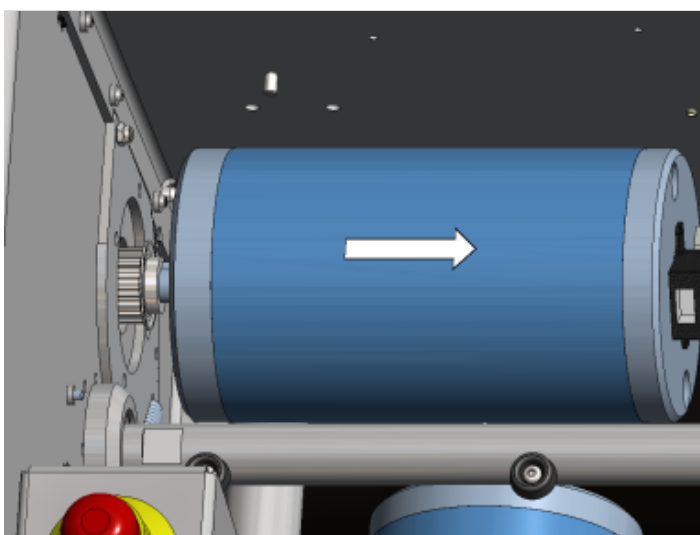
2. Desconecte el cable del codificador del motor de movimiento.



3. Desatornille los cuatro tornillos hexagonales m6x20mm (llave hexagonal de 5mm). (Sostenga el motor de movimiento mientras desenrosca).



4. Retire el motor. (El conjunto del soporte del motor todavía está montado en el robot)



Instalar AS-35033 / AS-36083 (conjunto de motor Move-x)

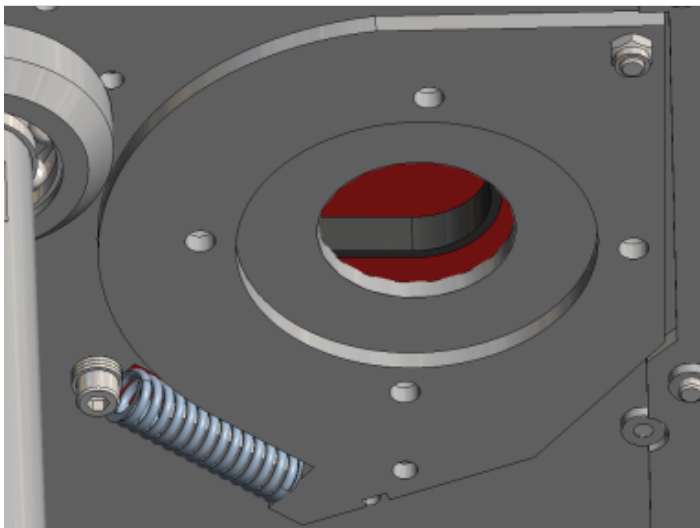
Herramientas necesarias:

- Llave hexagonal - 3 mm
- Llave hexagonal - 4 mm

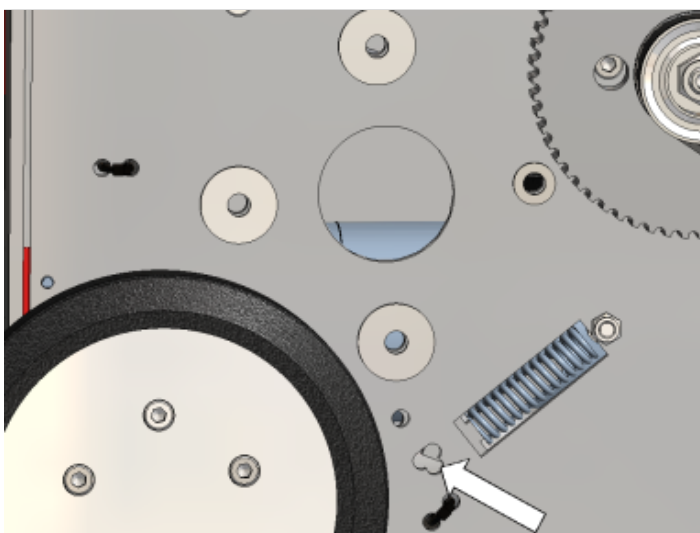
- Llave hexagonal - 5mm
- Destornillador - Pozidriv PZ2
- Destornillador - Ranura 5mm
- Llave inglesa - 8 mm

Procedimiento:

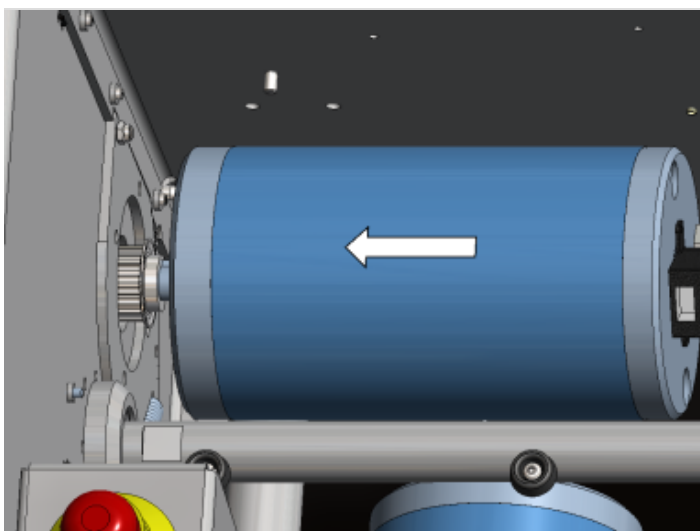
1. Asegúrese de que el conjunto del soporte del motor esté en la posición correcta.



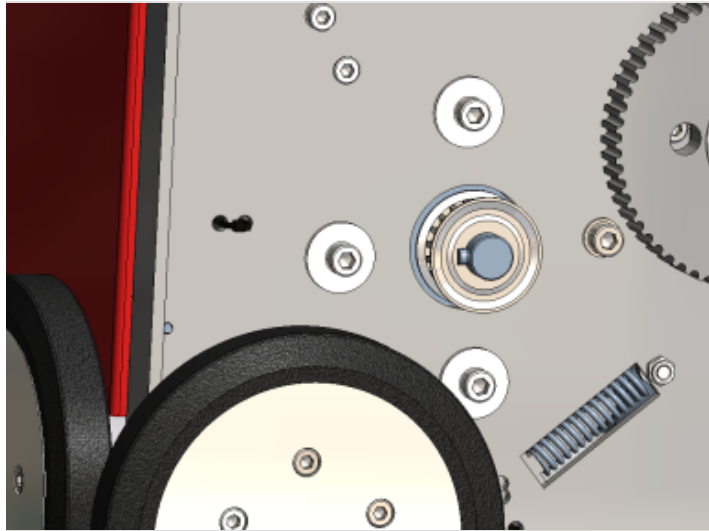
2. Hay una muesca en el conjunto del soporte del motor, que se utiliza para comprimir el resorte. Introduzca un destornillador en la muesca y mueva el conjunto del soporte del motor hasta que obtenga uno de los tornillos hexagonales m6x20mm (llave hexagonal de 5 mm) en el soporte.



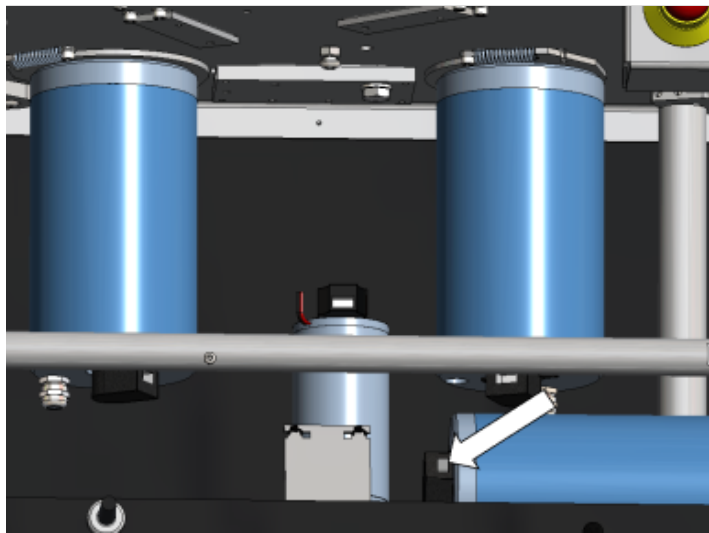
3. Place the motor in the correct position and fasten the m6x20mm hex socket screw (5mm hex key) lightly.



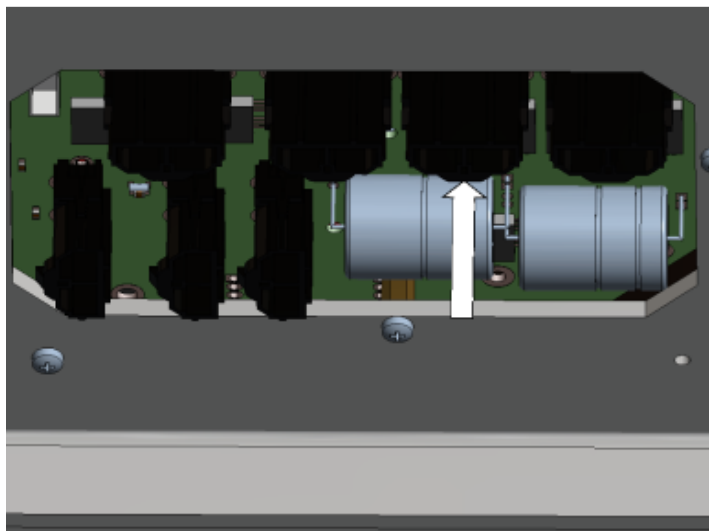
4. Fasten the three remaining m6x20mm hex socket screw (5mm hex key) lightly.



5. Connect the encoder cable.



6. Connect the power cable.



Completion:

- Install AS-35201 (Timing Belt 400)[[as-35201-timing-belt-400-.html](#)]
- Tighten AS-35201 (Timing Belt 400) - Tighten X[[as-35201-timing-belt-400-.html#UUID-5833b80e-b64c-3038-c9c0-2fd0e3d16332_UUID-58b9ab15-a5ff-b19a-93dd-31193f44702c](#)]
- Install AS-35210 (Battery assembly)[[as-35210-battery-assembly-.html#UUID-d12b6509-2362-50e1-afbd-5d8ba4735988_UUID-a8e83a06-e4f7-0dd6-a877-ad9518033fc8](#)]

- Install AS-35200 (Battery floor)[as-35200--battery-floor-.html#UUID-bf9cabd6-ee31-0bef-ac7b-ab738d9b8c25_UUID-e9c1ac70-60bc-7f33-75d1-905621cdfa3e]
- Install AS-35012 (Sheet right)[as-35012--r5----as-35943--r5----sheet-right-.html#UUID-4a74965f-f8e8-94be-875d-def38189c946_UUID-480c2c2e-1e84-e9cc-5cf3-285e92b3e32b]
- Install AS-35011 (Sheet rear)[as-35011--r5---as-35942--r5---sheet-rear-.html#UUID-3cfa3d6f-2d13-f6a1-bd8c-29067174afcf_UUID-770524a6-795b-3ce1-c444-ef2d7880a405]
- 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]

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.

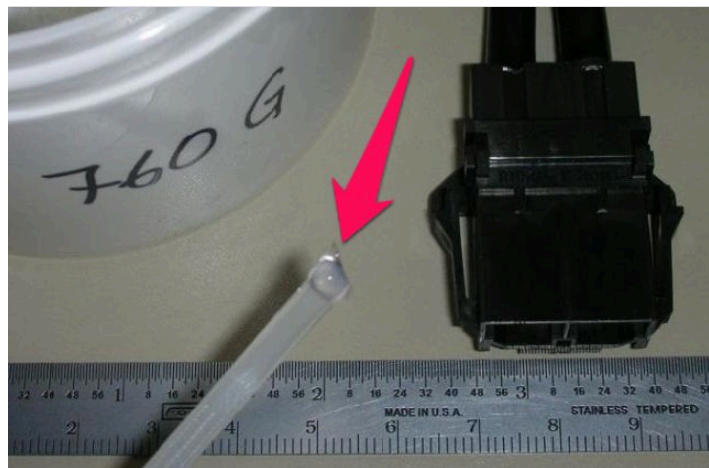


Note

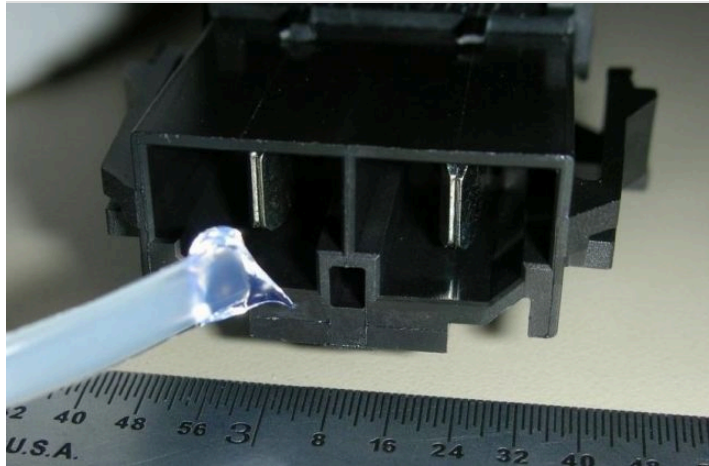
The male Molex terminals are placed on: - AS-35016 (Fuse box assembly), - AS-35017 (Power board).

Procedure:

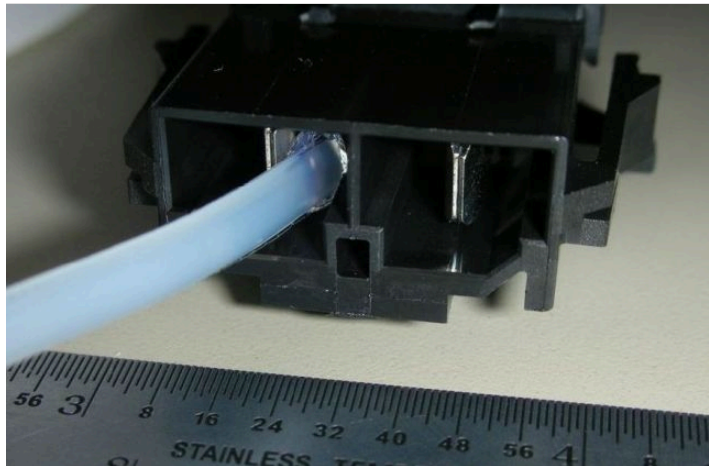
1. Use a soft plastic scraper/spatula (or small brush with hard bristles). Get a small drop of Nyogel 760G as is shown on photo.



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



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

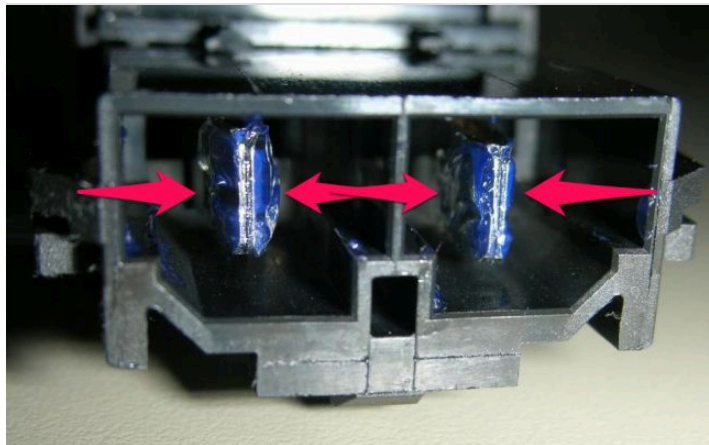


4. Photo of Nyogel 760G applied to both sides of each male terminal, covering the contact areas.



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.