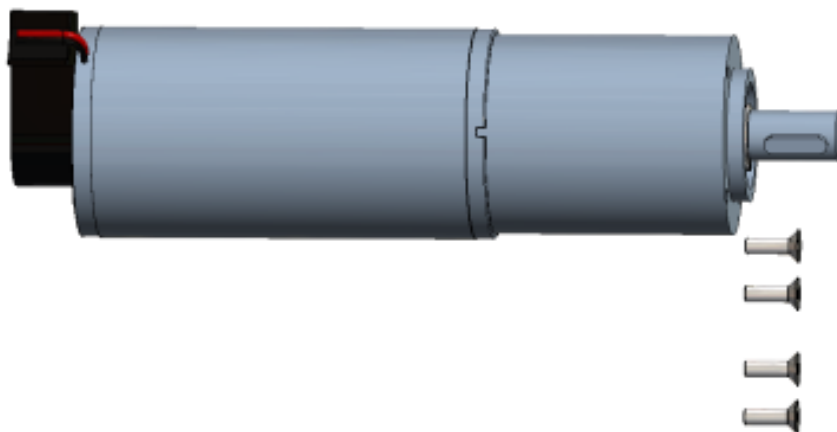


## AS-35046 (Conjunto de cambio de oruga del motor)



## Retire AS-35046 (Conjunto de cambio de vía del motor)

### Herramientas necesarias:

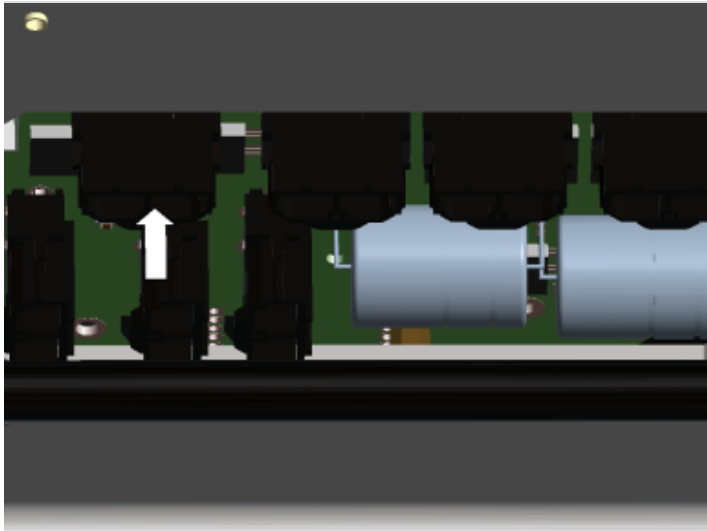
- Llave hexagonal - 3 mm
- Llave hexagonal - 4 mm
- Destornillador - Ranura 5mm
- Llave inglesa - 8 mm
- Llave inglesa - 10mm

### Preparación:

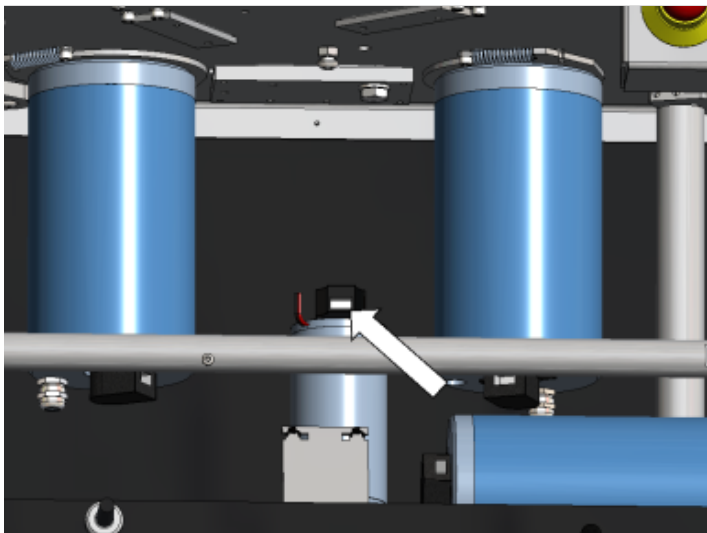
- Retire AS-35205 (SDG de la parte superior de la hoja) / AS-35646 (DDG de la parte superior de la hoja)[as-35205-sheet-top-sdg---as-35646-sheet-top-ddg-.html#UUID-2653ba5f-4e21-b730-9d1e-f6dd04791b3a\_UUID-9a96252c-e093-b3f9-9d3b-4de2dade2faf]
- Retire AS-35011 (Hoja trasera)[as-35011-r5---as-35942-r5---sheet-rear-.html#UUID-3cfa3d6f-2d13-f6a1-bd8c-29067174afcf\_UUID-56eb0901-be2b-17b1-005e-ab3076196808]
- Retire el AS-35210 (Conjunto de baterías)[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]
- Quitar AS-35193 (Brazo de bogie)[as-35193-bogie-arm-.html#UUID-91d923d2-8cc2-12f0-7ddd-caddfe26e819\_UUID-bfafc6f5-3ce3-4f73-8971-be98fc11ce87]
- Retire AS-35044 (Conjunto de manivela del motor Boogie)[as-35044-bogie-motor-crank-assembly-.html#UUID-b4a8fe3e-e8fc-c659-4bb9-8ad99433bc8d\_UUID-e52f2ef3-ceb7-8ac6-afda-614cbbdc12a4]

### Procedimiento:

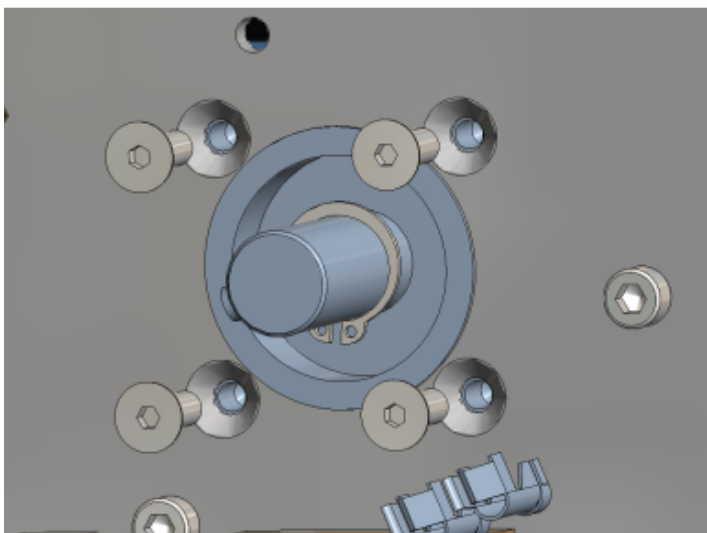
1. Desconecte el conector de alimentación.



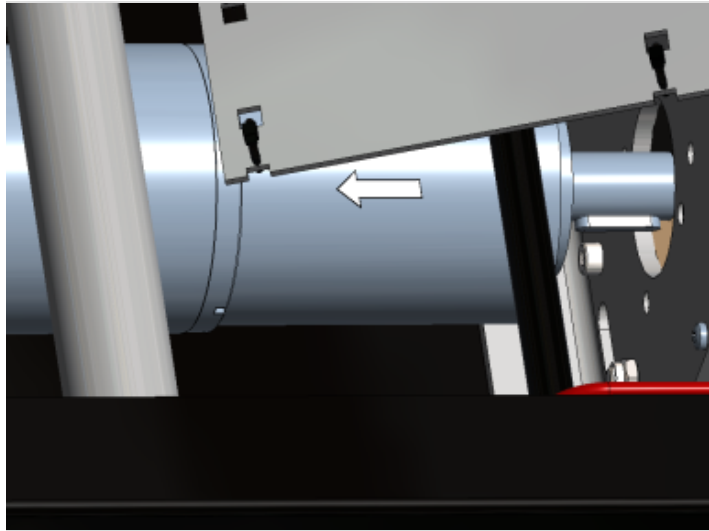
2. Desconecte el conector del codificador.



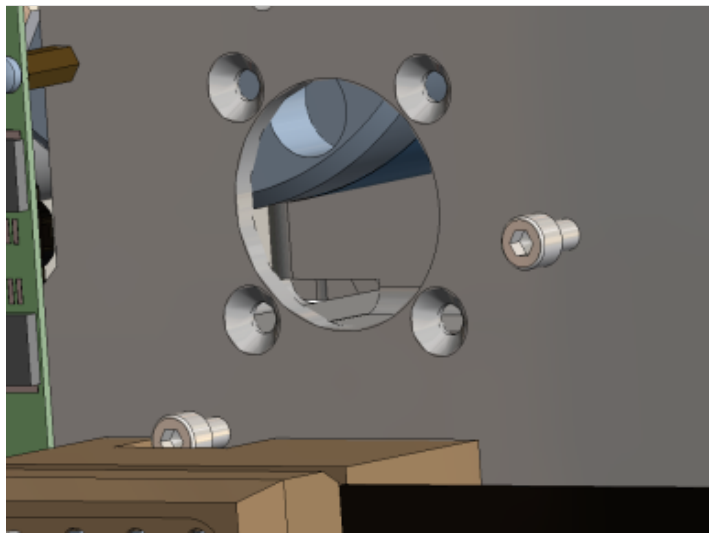
3. Desatornille los cuatro tornillos hexagonales m5x16mm (llave hexagonal de 3 mm) (Sostenga el motor de cambio de orugas dentro del robot)



4. Retire el motor.



5. Desatornille ambos tornillos hexagonales m5x10mm (llave hexagonal de 4 mm), sujete la tuerca m5 con una llave de 8 mm dentro del robot.



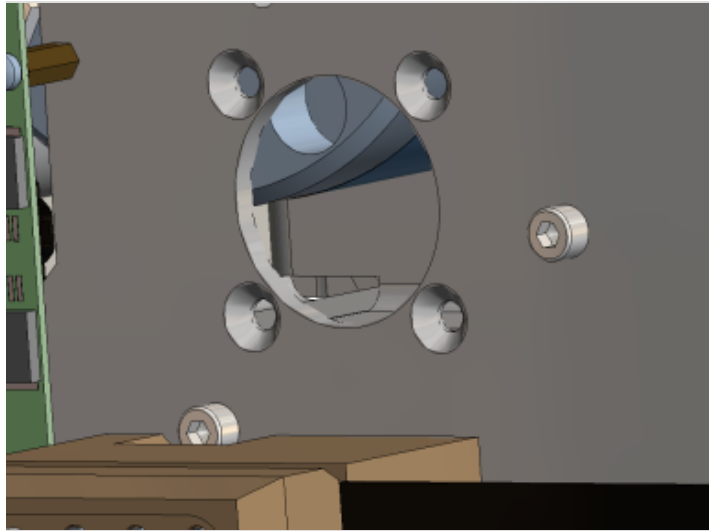
## Instalar AS-35046 (Conjunto de cambio de vía del motor)

### Herramientas necesarias:

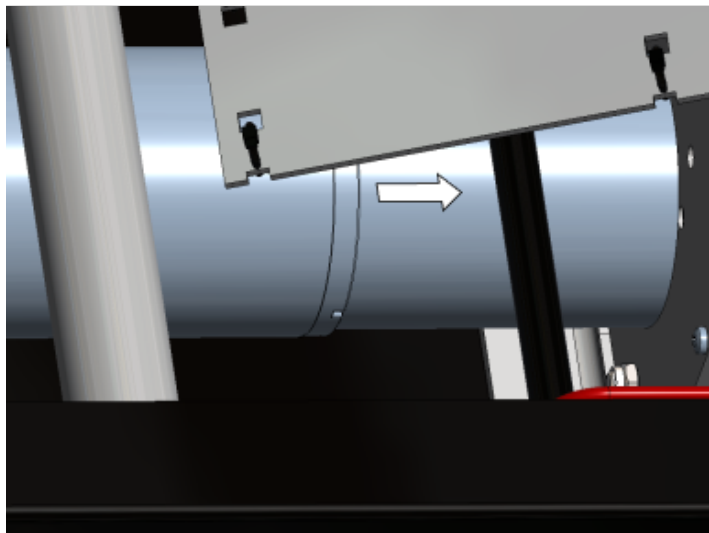
- Llave hexagonal - 3 mm
- Llave hexagonal - 4 mm
- Martillo de plástico
- Llave inglesa - 8 mm
- Llave inglesa - 10mm

### Procedimiento:

1. Monte ambos tornillos hexagonales m5x10mm (llave hexagonal de 4 mm) como se muestra, use dos tuercas m5 (llave de 8 mm) dentro del robot.



2. Coloque el motor de cambio de oruga.

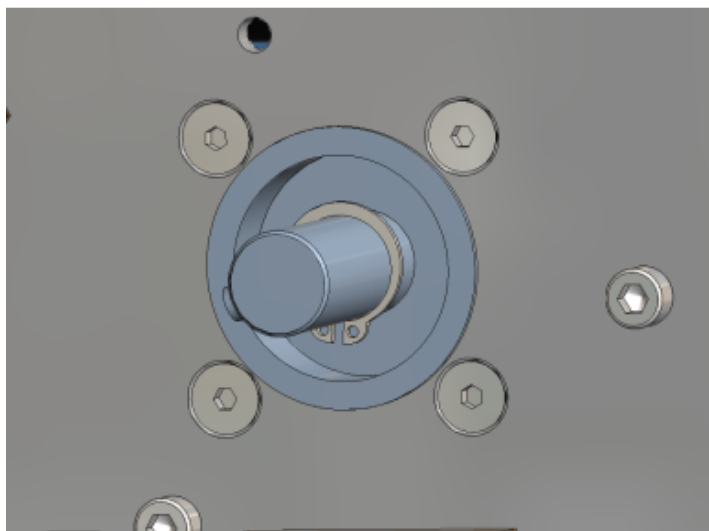


3. Apriete los cuatro tornillos hexagonales m5x16mm (llave hexagonal de 3mm)

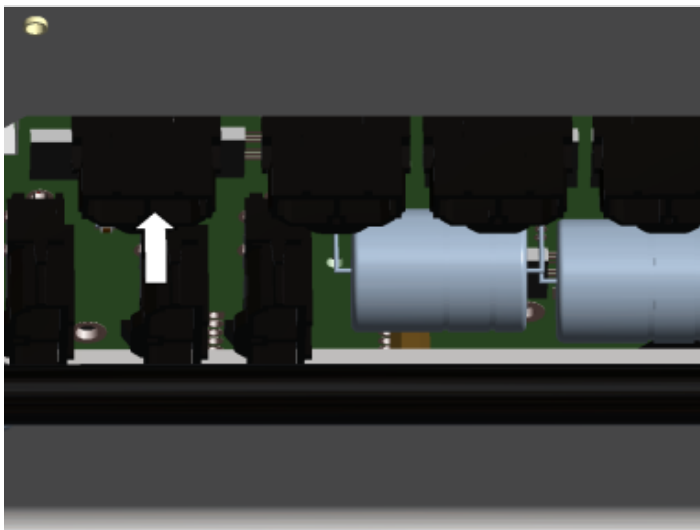


Note

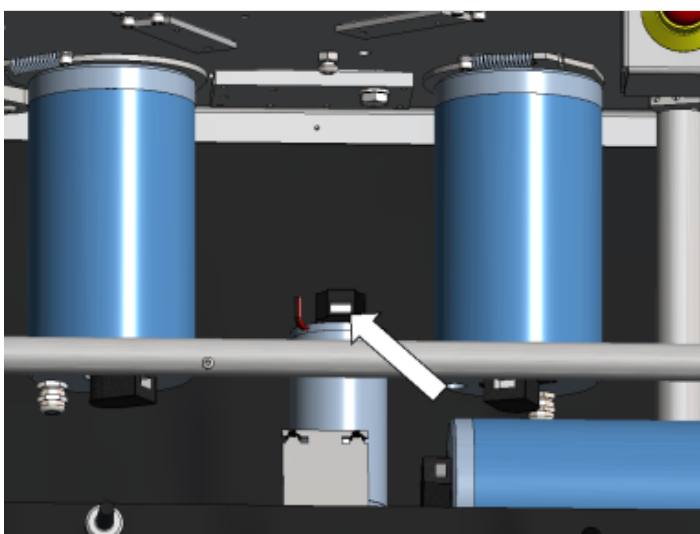
Tighten with torque 10 Nm



4. Connect the trackshift motor's power-cable.



5. Connect the trackshift motor's encoder cable.



#### Completion:

1. Install AS-35044 (Boogie motor crank assembly)[as-35044--bogie-motor-crank-assembly-.html#UUID-b4a8fe3e-e8fc-c659-4bb9-8ad99433bc8d\_UUID-84119334-5ade-edf2-4208-310985ce4a41]
2. Install AS-35193 (Bogie arm)[as-35193--bogie-arm-.html#UUID-91d923d2-8cc2-12f0-7ddd-caddfe26e819\_UUID-91cf2ae0-8730-7afa-0954-1979fd0081b3]
3. Install AS-35200 (Battery floor)[as-35200--battery-floor-.html#UUID-bf9cabd6-ee31-0bef-ac7b-ab738d9b8c25\_UUID-e9c1ac70-60bc-7f33-75d1-905621cdfa3e]
4. Install AS-35210 (Battery assembly)[as-35210--battery-assembly-.html#UUID-d12b6509-2362-50e1-afbd-5d8ba4735988\_UUID-a8e83a06-e4f7-0dd6-a877-ad9518033fc8]
5. 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]
6. 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**

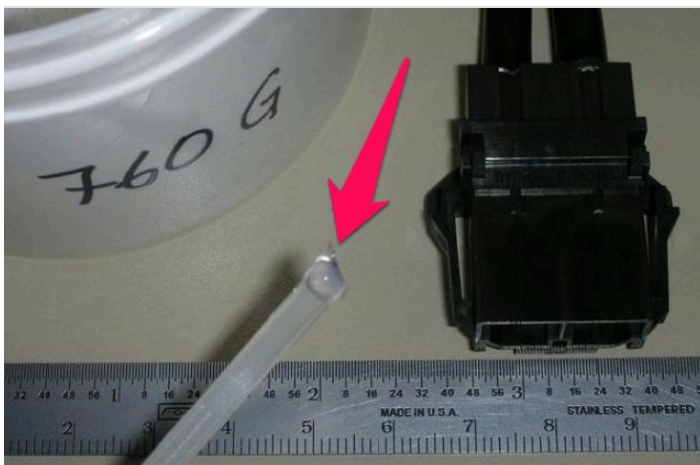
Only the male terminals must be lubricated. If this kit has female terminals only, check if the matching male terminal is already covered with lubricant. If not, follow the lubrication procedure.

**Note**

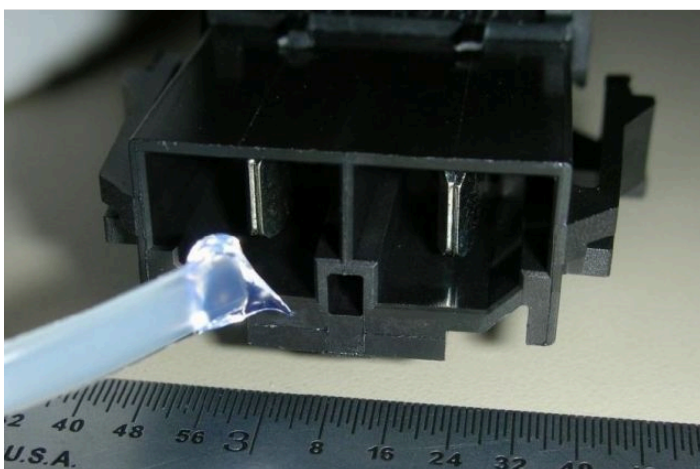
The male Molex terminals are placed on: - AS-35016 (Fuse box assembly), - AS-35017 (Power board).

**Procedure:**

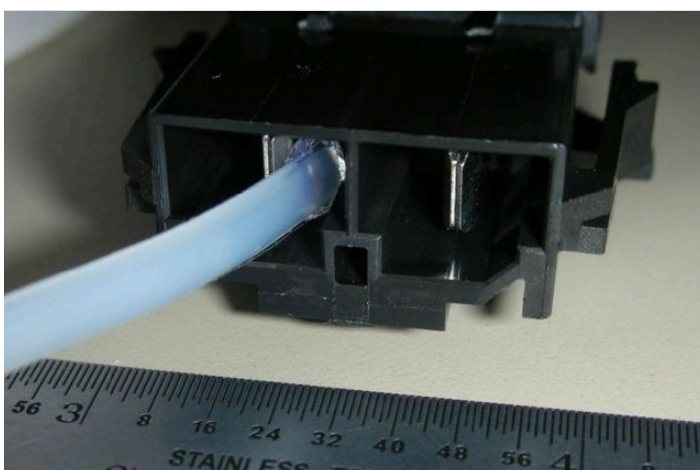
1. Use a soft plastic scraper/spatula (or small brush with hard bristles). Get a small drop of Nyogel 760G as is shown on photo.



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



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

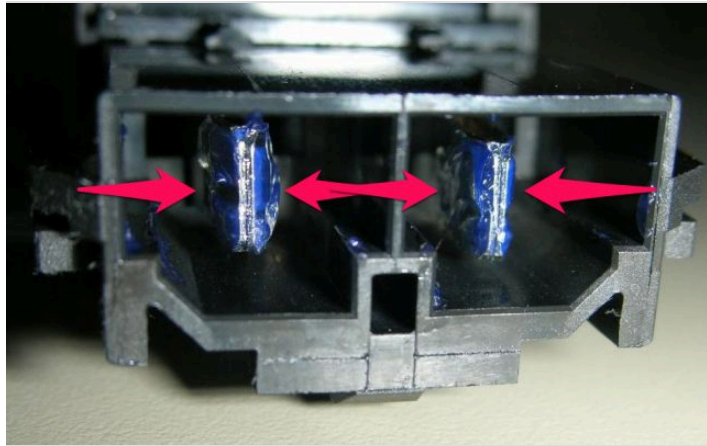


4. Photo of Nyogel 760G applied to both sides of each male terminal, covering the contact areas.



#### 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.