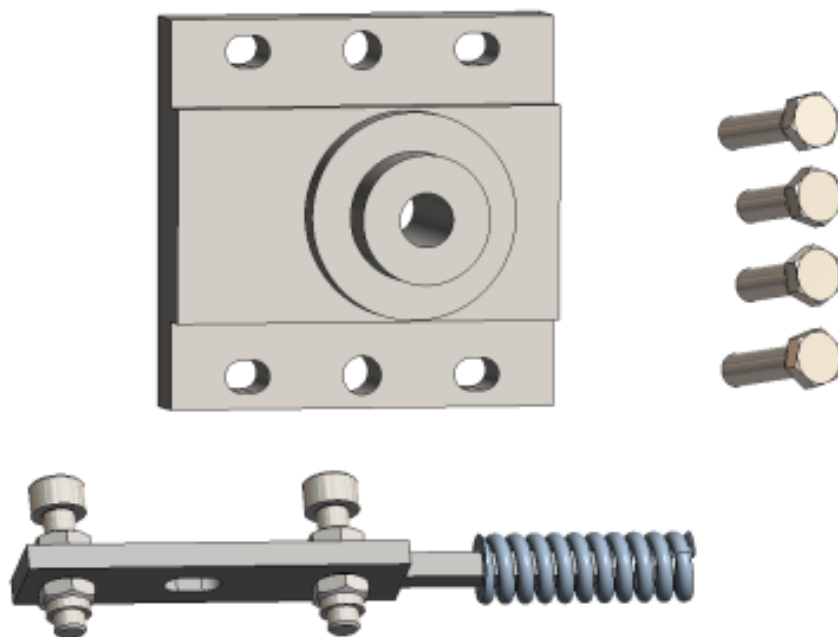# AS-35039 (Cubo de cojinete de rueda ajustable)

Retire AS-35039 (Cubo de cojinete de rueda ajustable)

Herramientas necesarias:

- Llave hexagonal - 3 mm

- Llave hexagonal - 4 mm

- Llave hexagonal - 5mm

- Tirador

- Destornillador - Pozidriv PZ2

- Destornillador - Ranura 5mm

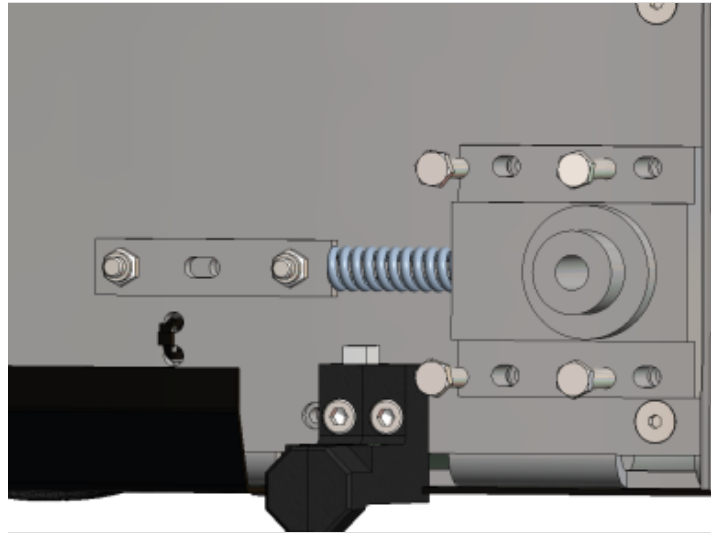- Llave inglesa - 8 mm

- Llave inglesa - 24 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]

- Retire 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] - Dependiendo del cubo del cojinete de rueda que vaya a quitar

- Retire AS-35013 (Hoja a la izquierda)[as-35013--r5----as-35944--r5----sheet-left-.html#UUID-d0ebc0b5-9fb8-9680-1c2d-4772ebf7bf2d_UUID-9cf8dd0f-6f60-698e-6f1e-7a681d98068c] - Dependiendo del cubo del cojinete de rueda que vaya a quitar

- Retire AS-35019 (Rueda y llanta)[as-35019--wheel-and-rim-assembly-.html#UUID-a57833bb-bb28-b866-5f4a-0632c426f81b_UUID-d9642700-dc5e-64e3-0090-478497c3e47d]

- Aflojar AS-35199 (Correa dentada 650)[as-35199--timing-belt-650-.html#UUID-501e7195-b73a-920a-9604-20525c612a66_UUID-eb7d6f90-8a9e-9f59-7e4d-38936133c2f7]
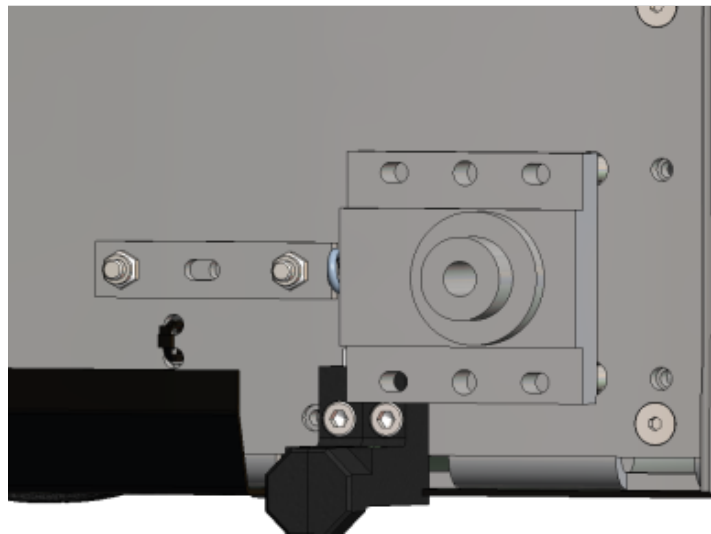
- Retire AS-35199 (correa dentada 650)[as-35199--timing-belt-650-.html#UUID-501e7195-b73a-920a-9604-20525c612a66_UUID-bfa8bc44-ae16-07a7-2a43-97cebfa98257]

- Retire AS-35035 (Perno de rueda)[as-35035--wheel-stud-.html#UUID-b260c4a1-8d3f-1628-b40d-a38a1289085b_UUID-1049aa8c-92cc-e7d2-6296-99b7ff149fbc]

- Retire AS-35042 (Rueda de polea X)[as-35042--pulley-wheel-x-.html#UUID-0dbd6afe-04c6-7651-c1cc-5201ecf49184_UUID-b48b8a52-faba-d342-8a68-7653f9c36aa2]
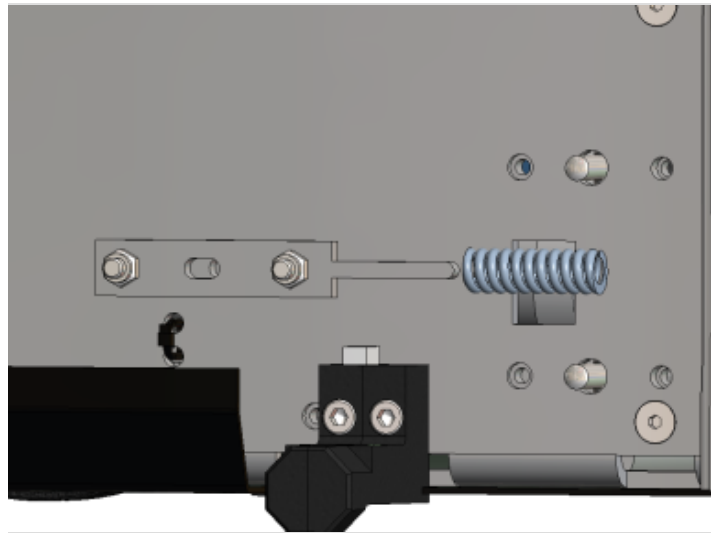
Procedimiento:

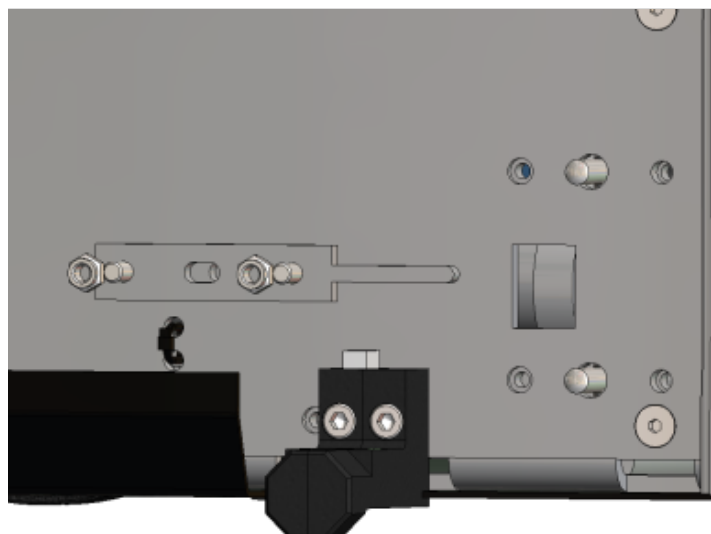1. Desatornille los cuatro tornillos hexagonales m5x16mm (llave de 8mm)

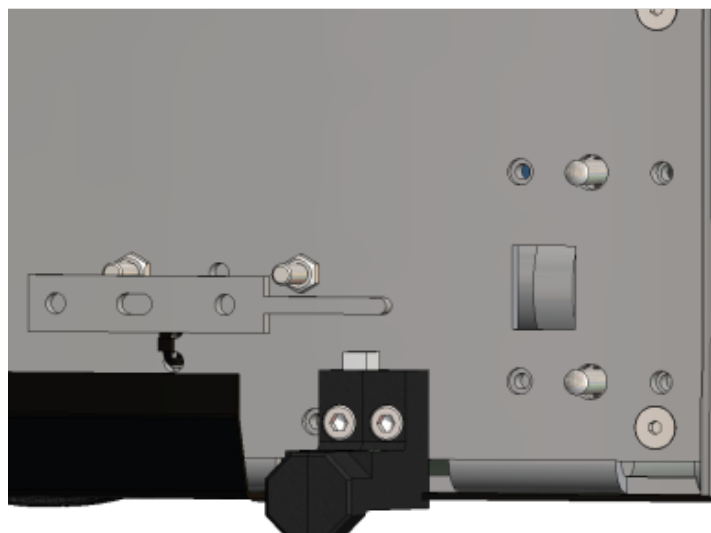2. Tire del cubo del cojinete de la rueda hacia afuera.
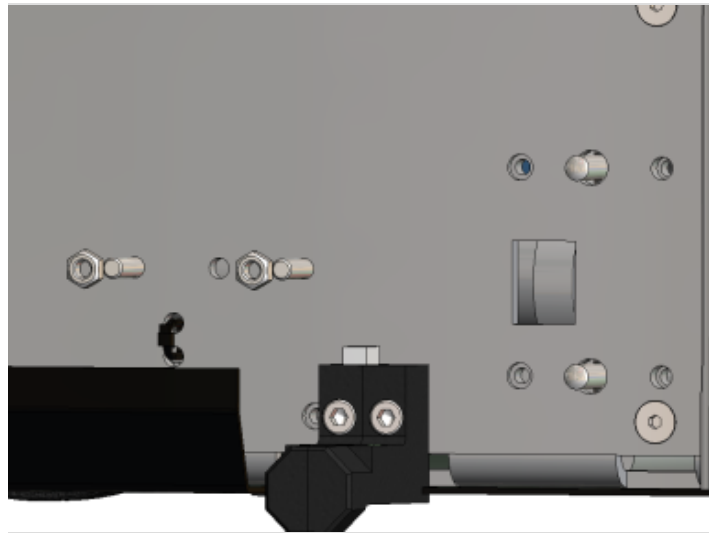
3. Retire el resorte.
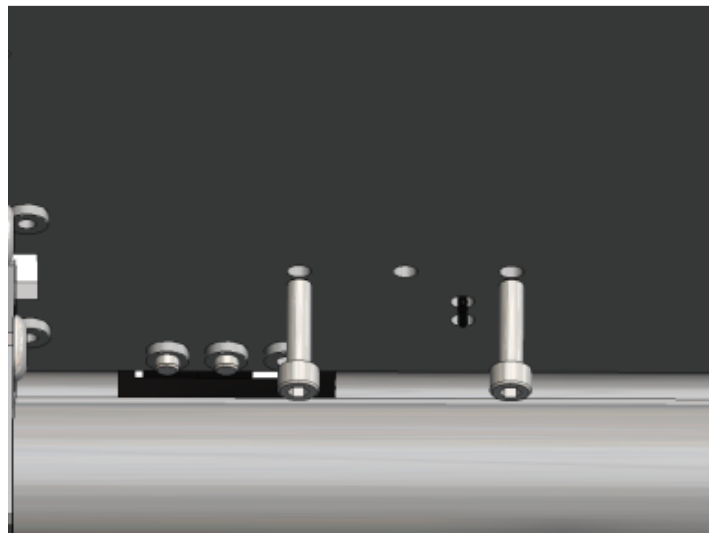

4. Desatornille ambas tuercas m5 (llave de 8 mm)

5. Retire el pasador de tensión del resorte.

6. Desatornille ambas tuercas m5 (llave de 8 mm) mientras sujeta los tornillos hexagonales m5x20mm (llave hexagonal de 4 mm) en el interior del robot.
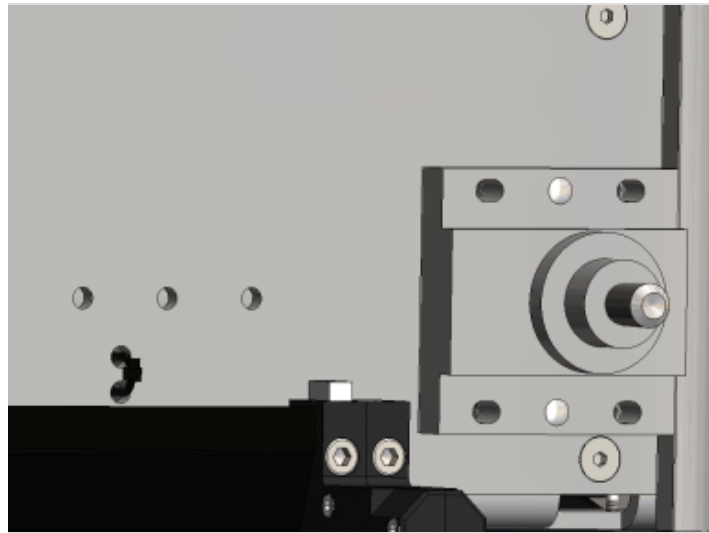

7. Retire los tornillos y las tuercas.

Instalar AS-35039 (Cubo de cojinete de rueda ajustable)

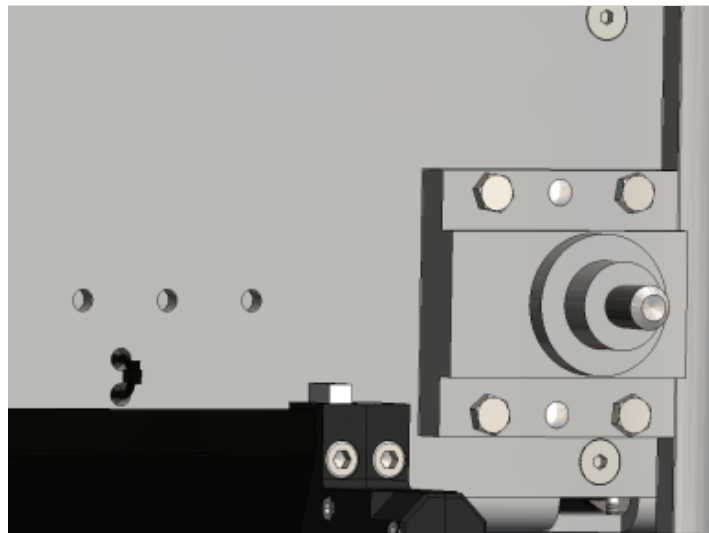**Herramientas necesarias:**

- Llave hexagonal - 3 mm

- Llave hexagonal - 4 mm

- Llave hexagonal - 5mm

- Screwdriver - Pozidriv PZ2

- Wrench - 8mm
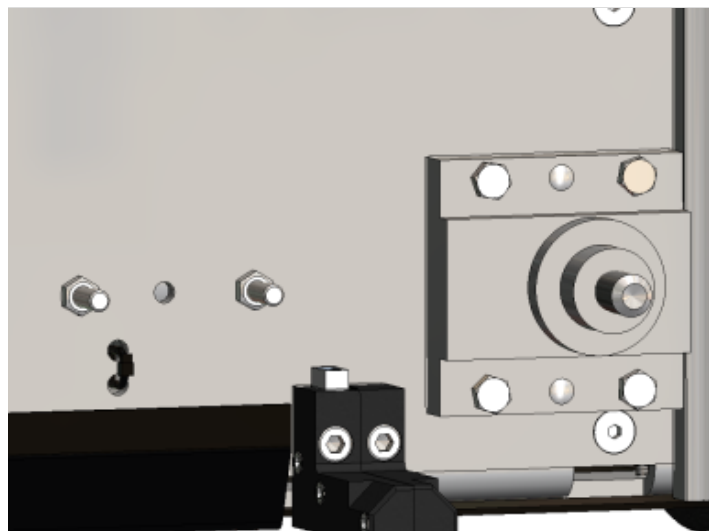
- Wrench - 24mm

Procedure:

1. Place the wheel bearing hub on the correct position.

2. Fasten the four m5x16mm hex screws (8mm wrench), but do not fasten them completely.
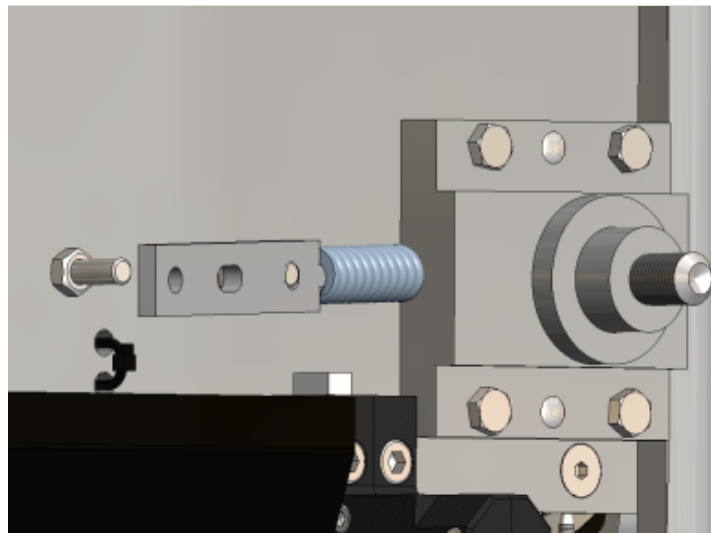

3. Mount both m5x20mm hex socket screws (4mm hex key) and both m5 nuts (8mm wrench)
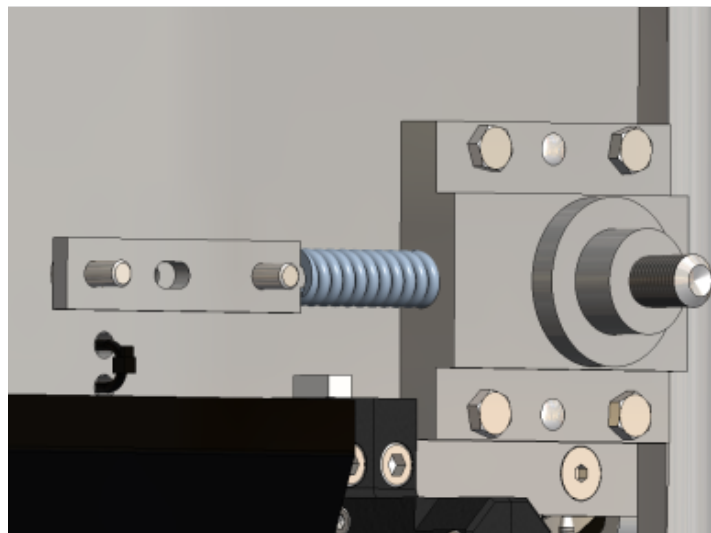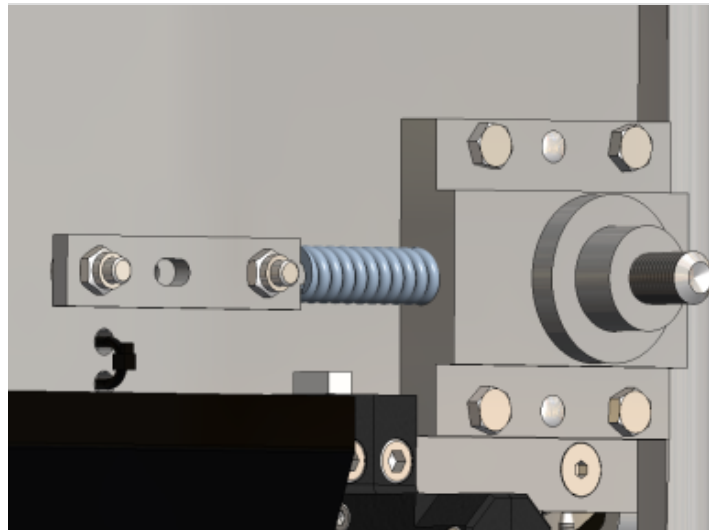
4. Place the spring on the spring tension pin.

5. Mount the spring tension pin and the spring as shown on the picture. (Tilted with the spring first.)

6. Push the spring tension pin all the way into the bolts.

7. Tighten both m5 nuts (8mm wrench)

Completion:

- Install AS-35042 (Pulley wheel X)[as-35042--pulley-wheel-x-.html#UUID-0dbd6afe-04c6-7651-c1cc-5201ecf49184_UUID-32dc0b0e-a912-6041-1d22-1d374efb7532]

- Install AS-35035 (Wheel stud)[as-35035--wheel-stud-.html#UUID-b260c4a1-8d3f-1628-b40d-a38a1289085b_UUID-b8c27156-0d8e-e661-b288-d6e5fc263ea5]

- Install AS-35199 (Timing Belt 650)[as-35199--timing-belt-650-.html#UUID-501e7195-b73a-920a-9604-20525c612a66_UUID-e51e27c0-9649-1636-9f7a-447cb148e970]

- Tighten AS-35199 (Timing Belt 650)[as-35199--timing-belt-650-.html#UUID-501e7195-b73a-920a-9604-20525c612a66_UUID-364d5814-078a-f4da-29e3-2522b48a89cc]

- Install AS-35019 (Wheel and rim)[as-35019--wheel-and-rim-assembly-.html#UUID-a57833bb-bb28-b866-5f4a-0632c426f81b_UUID-4b8e5716-7388-69a7-63a2-ed49da768e56]

- Install AS-35013 (Sheet left)[as-35013--r5----as-35944--r5----sheet-left-.html#UUID-d0ebc0b5-9fb8-9680-1c2d-4772ebf7bf2d_UUID-0fe7a960-8e1c-0cd9-efcc-6732da1ec22c]

- 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]

- Remove 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]