

## AS-35051 (Montaje de bogieshaft)



### Retire AS-35051 (Conjunto de eje de bogie)

#### Herramientas necesarias:

- Llave hexagonal - 3 mm
- Llave hexagonal - 4 mm
- Llave hexagonal - 5mm
- Tirador
- Destornillador - Pozidriv PZ1
- Destornillador - Ranura 5mm
- Llave inglesa - 10mm
- Llave inglesa - 13 mm
- Llave inglesa - 24 mm

#### Preparación:

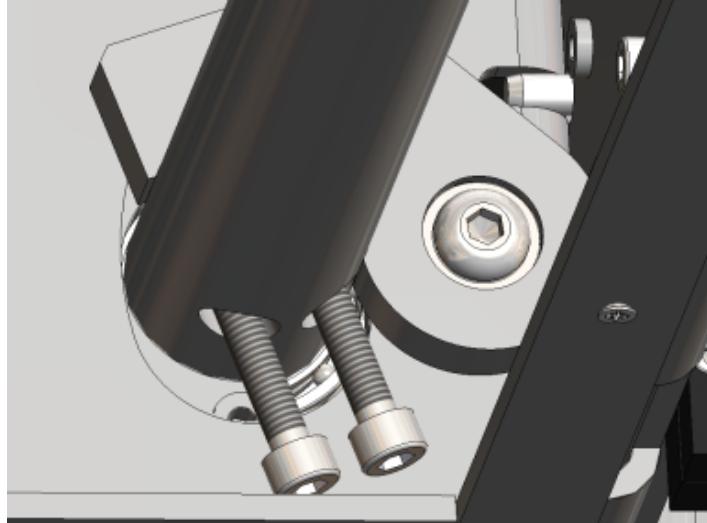
- Retire AS-35205 (SDG de la parte superior de la hoja) / AS-35646 (DDG de la parte superior de la hoja)[as-35205-sheet-top-sdg---as-35646-sheet-top-ddg-.html#UUID-2653ba5f-4e21-b730-9d1e-f6dd04791b3a\_UUID-9a96252c-e093-b3f9-9d3b-4de2dade2faf]
- Retire AS-35011 (Hoja trasera)[as-35011-r5---as-35942-r5---sheet-rear-.html#UUID-3cfa3d6f-2d13-f6a1-bd8c-29067174acf\_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-35022 (Fondo de la hoja)[as-35022-sheet-bottom-.html#UUID-edabdda1-6881-23ad-c11c-03328d41bb4b\_UUID-ddc22a6e-15b8-0614-2552-b3a7de0f6434]
- 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-35019 (Rueda y llanta) - Dos[as-35019-wheel-and-rim-assembly-.html#UUID-a57833bb-bb28-b866-5f4a-0632c426f81b\_UUID-d9642700-dc5e-64e3-0090-478497c3e47d] en la parte delantera y dos en la parte trasera del robot
- Retire AS-35035 (Perno de rueda)[as-35035-wheel-stud-.html#UUID-b260c4a1-8d3f-1628-b40d-a38a1289085b\_UUID-1049aa8c-92cc-e7d2-6296-99b7ff149fb] - Dos en la parte delantera y dos en la parte trasera del robot
- Retire AS-35043 (Casa del cojinete de la rueda)[as-35043-wheel-bearing-house-.html#UUID-d83aa58a-a017-b4a1-eb10-b22a51fde516\_UUID-c8ada04e-d8a4-81b7-9280-8168430ace6b] - Dos en la parte trasera del robot
- Aflojar AS-35219 (Correa 1420)[as-35219-belt-1420-.html#UUID-31ceec0b-5465-c73b-7e39-8964b2c47ae7\_UUID-68fd9524-610f-67d7-6ac1-625a1e1a5312]
- Retire AS-35219 (correa 1420)[as-35219-belt-1420-.html#UUID-31ceec0b-5465-c73b-7e39-8964b2c47ae7\_UUID-339ccecc-65fe-63d6-2142-0ddf42794ce5]
- Retire AS-35041 (Rueda de polea Y)[as-35041-pulley-wheel-y-.html#UUID-74ea0711-cff4-2cc9-0fea-39155555f7dd\_UUID-19d39f1e-bf7f-5fcc-414a-77c5d633c34e]
- Retire AS-35023 (Tracksensor) - Dos[as-35023-tracksensor-.html#UUID-e8038f9c-062e-700c-7936-bfd9bed9d6d6\_UUID-2e4cd4da-dfb5-5c96-1383-ae5ceb248d99] en la parte delantera del robot
- Retire AS-35036 (carcasa del cojinete del sensor)[as-35036-sensor-bearing-house-.html#UUID-1840d856-bb6d-8da2-2dad-43c652fc56a9\_UUID-aaa5eed2-454b-7835-22e2-3ba5d8fa5348]
- Quitar AS-35203 (Haz del sensor)[as-35203-sensor-beam-.html#UUID-005751bd-a6c9-8d8a-91ab-d6d17de07b68\_UUID-bf0a82d5-1bb6-3553-7ffa-e229c361639d]
- Extracción AS-35050 (montaje Bogielink)[as-35050-bogie-link-assembly-.html#UUID-331e7e37-fdf9-be60-a026-52fe4b291c6f\_UUID-e1671950-ceca-195a-101d-b68e7d5448ea]

**Procedimiento:****Nota**

Hay dos bogieshafts idénticos, uno a cada lado del robot.

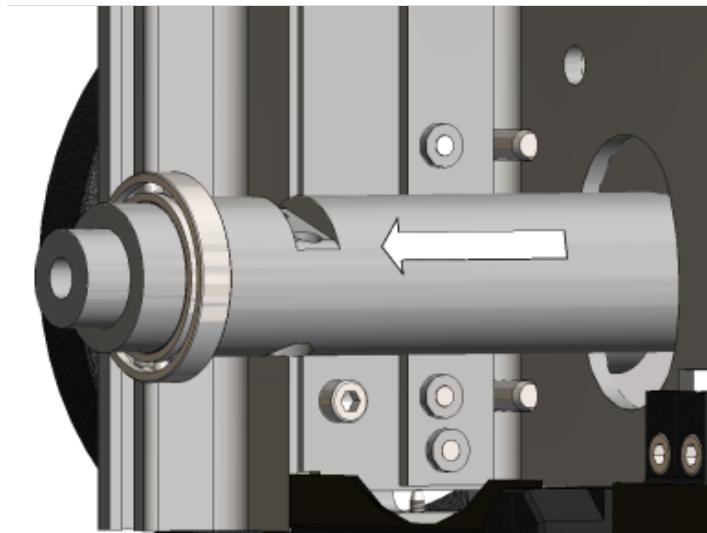
1. Desatornille los dos tornillos hexagonales m6x30mm (llave hexagonal de 5 mm) debajo del eje del bogie. (Desde la parte inferior del robot)



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2. Desatornille los tornillos hexagonales m8x30mm (llave hexagonal de 5mm), sostenga la tuerca m8 (llave de 13mm) frente al robot.



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3. Retire el bogie como se muestra en la imagen.



## Install AS-35051 (Bogieshaft assembly)

### Tools needed:

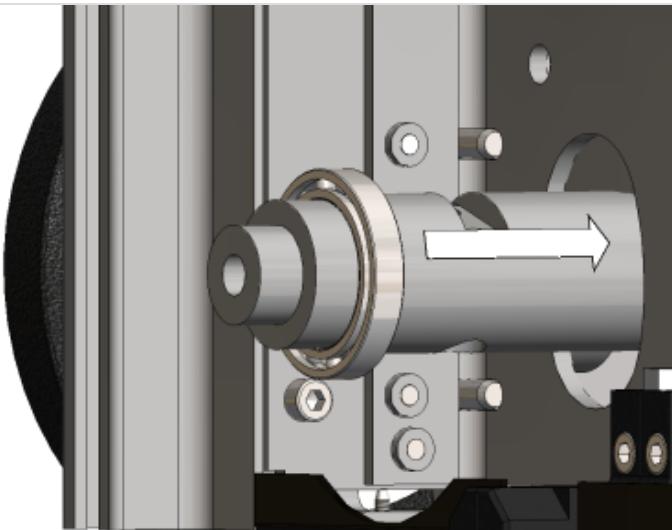
- Hex key - 3mm
- Hex key - 4mm
- Hex key - 5mm
- Plastic hammer
- Screwdriver - Pozidriv PZ1
- Wrench - 10mm
- Wrench - 13mm
- Wrench - 24mm

### Procedure:

#### Note

There are two identical bogieshafts - one on each side of the Robot.

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1. Put the bogieshaft in the correct position as shown on the picture.



2. Tighten the m8x30mm hex socket screws (5mm hex key), hold the m8 nut (13mm wrench) in front of the robot.

 Note

Tighten with torque 40 Nm



3. Tighten both m6x30mm hex socket screws (5mm hex key) under the bogieshaft. (From the underside of the Robot)

 Note

Tighten with torque 17 Nm



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**Completion:**

- Install AS-35050 (bogielink assembly)[as-35050-bogie-link-assembly-.html#UUID-331e7e37-fdf9-be60-a026-52fe4b291c6f\_UUID-70f3b20a-9ff8-0175-3a85-b4f88784f7ec]
- Install AS-35203 (Sensor beam)[as-35203-sensor-beam-.html#UUID-005751bd-a6c9-8d8a-91ab-d6d17de07b68\_UUID-3a2890b8-c761-2a80-e454-0e3745f5e164]

- Install AS-35036 (Sensor bearing house)[as-35036-sensor-bearing-house-.html#UUID-1840d856-bb6d-8da2-2dad-43c652fc56a9\_UUID-890fc1d1-6c31-ea2a-9463-cf4b05cb21b1]
- Install AS-35023 (Tracksensor)[as-35023-tracksensor-.html#UUID-e8038f9c-062e-700c-7936-bfd9bed9d6d6\_UUID-f35f00a4-7a5e-8f5d-6c2c-f4cc07591826]
- Install AS-35041 (Pulley wheel Y)[as-35041-pulley-wheel-y-.html#UUID-74ea0711-cff4-2cc9-0fea-39155555f7dd\_UUID-c9e390f1-e7b8-a421-c12a-394a6f17834c]
- Install AS-35219 (Belt 1420)[as-35219-belt-1420-.html#UUID-31ceec0b-5465-c73b-7e39-8964b2c47ae7\_UUID-9f5f97cb-af94-3f75-0459-70a54949495e]
- Tighten AS-35219 (Belt 1420)[as-35219-belt-1420-.html#UUID-31ceec0b-5465-c73b-7e39-8964b2c47ae7\_UUID-756c22c4-4f07-7c62-ed8d-6be1a1d8a51]
- Install AS-35043 (Wheel bearing house)[as-35043-wheel-bearing-house-.html#UUID-d83aa58a-a017-b4a1-eb10-b22a51fde516\_UUID-3e2bf0d-d176-ac11-76dd-2d44ebc03e0b]
- Install AS-35035 (Wheel stud)[as-35035-wheel-stud-.html#UUID-b260c4a1-8d3f-1628-b40d-a38a1289085b\_UUID-b8c27156-0d8e-e661-b288-d6e5fc263ea5]
- 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-35193 (Bogie arm)[as-35193-bogie-arm-.html#UUID-91d923d2-8cc2-12f0-7ddd-caddfe26e819\_UUID-91cf2ae0-8730-7afa-0954-1979fd0081b3]
- Install AS-35022 (Sheet bottom)[as-35022-sheet-bottom-.html#UUID-edabdda1-6881-23ad-c11c-03328d41bb4b\_UUID-af04b12b-e844-c262-2bbe-60e10159a5c0]
- Install AS-35200 (Battery floor)[as-35200-battery-floor-.html#UUID-bf9cabd6-ee31-0bef-ac7b-ab738d9b8c25\_UUID-e9c1ac70-60bc-7f33-75d1-905621cdfa3e]
- Install AS-35210 (Battery assembly)[as-35210-battery-assembly-.html#UUID-d12b6509-2362-50e1-afbd-5d8ba4735988\_UUID-a8e83a06-e4f7-0dd6-a877-ad9518033fc8]
- Install AS-35011 (Sheet rear)[as-35011-r5---as-35942-r5---sheet-rear-.html#UUID-3cfa3d6f-2d13-f6a1-bd8c-29067174acf\_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]