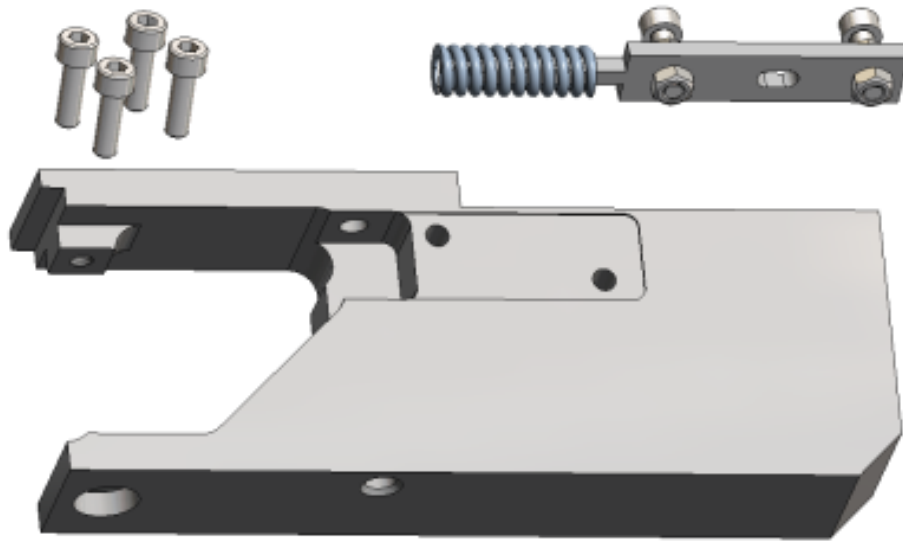


# AS-35029 (Caja de engranajes de elevación)



## Retire AS-35029 (Levantarse la casa de engranajes)

### Herramientas necesarias:

- Llave hexagonal - 2,5mm
- Llave hexagonal - 3 mm
- Llave hexagonal - 4 mm
- Martillo de plástico
- Destornillador - Ranura 5mm
- Llave inglesa - 8 mm

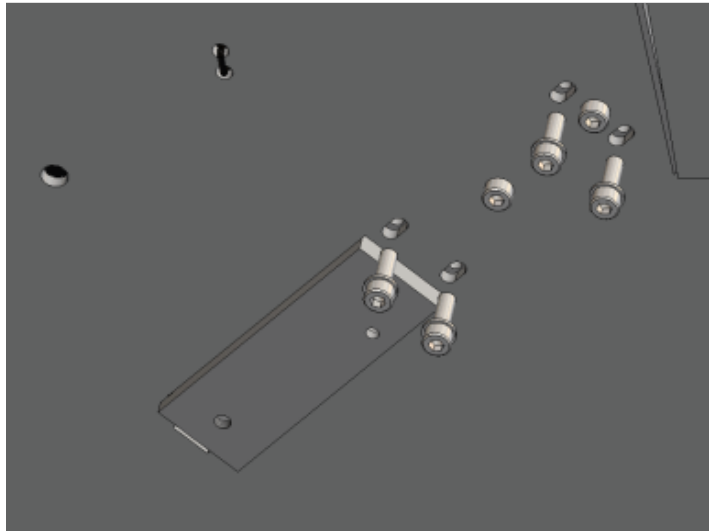
### Preparación:

- 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 / AS-35942 (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-35021 / AS-35945 (Anverso de la hoja)[as-35021-r5---as-35945-r5---sheet-front-.html#UUID-31b10256-172a-aa77-27f3-70611fd2f729\_UUID-e830e1e1-7335-76b1-3edd-915246c7f0c6]
- Retire AS-35194 (Pinza del robot)[as-35194-robot-gripper-.html#UUID-615f1cd0-c94d-2caf-556f-d588cec2487d\_UUID-d1cefc1d-d8cc-4e4f-887e-a075f10e1282]
- 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]
- Retire AS-35024 / AS-35946 (Conjunto de freno)[as-35024-r5---as-35946-r5---brake-assembly-.html#UUID-22e42541-8af8-ff64-406a-a28a7c0e2eff\_UUID-9dcf237f-e097-47da-118f-9bfe587a3bd2]
- Retire AS-35024 (R5) / AS-35946 (R5+) (Conjunto de freno)[as-35024-r5---as-35946-r5---brake-assembly-.html#UUID-22e42541-8af8-ff64-406a-a28a7c0e2eff\_UUID-9dcf237f-e097-47da-118f-9bfe587a3bd2]

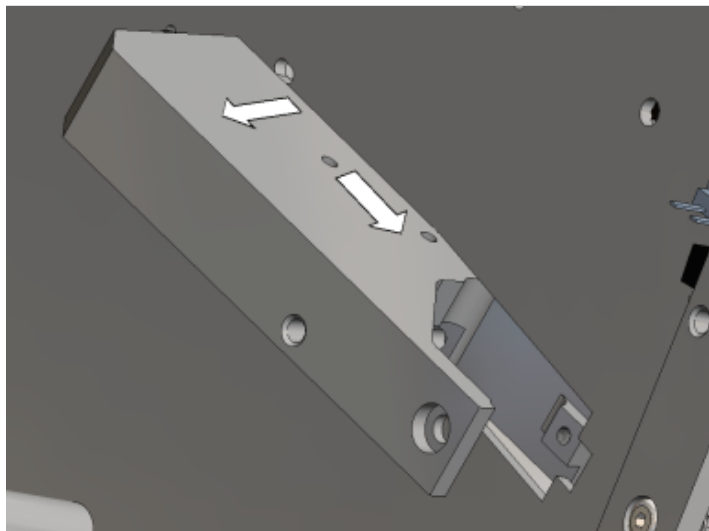
- Afloje AS-35195 / AS-35195 (correa dentada)[as-35195-r5---as-35934-r5---timing-belt-.html#UUID-f740b189-e796-a67e-51e2-1467cd6ede5e\_UUID-fbc4941c-fe2b-64b8-5852-fdc445c1477c]
- Retire AS-35028 (Conjunto de engranaje de elevación) - Retire el engranaje izquierdo)[as-35028-liftgear-assembly-.html#UUID-3727122d-5b7a-ee02-06f8-830196490541\_UUID-f46520f2-36f1-e1d1-06aa-5333d30ba335]
- Retire AS-35028 (Conjunto de engranaje de elevación) - Retire el engranaje derecho)[as-35028-liftgear-assembly-.html#UUID-3727122d-5b7a-ee02-06f8-830196490541\_UUID-86e35c56-f53e-69b7-45d6-b3d2d565ef68]

**Procedimiento:**

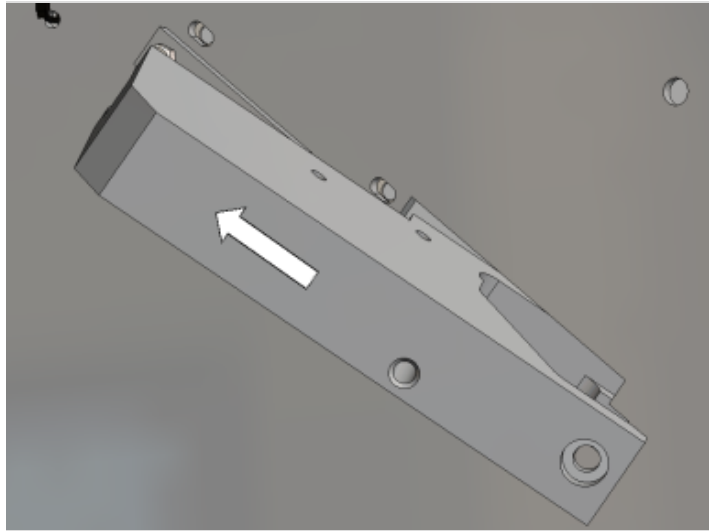
1. Desatornille los cuatro tornillos hexagonales m5x16mm (llave hexagonal de 4 mm)



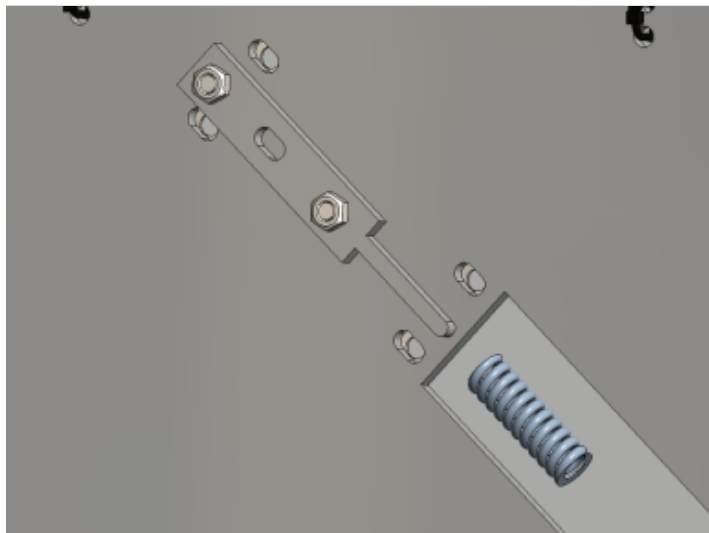
2. Incline la parte delantera de la caja de engranajes de elevación dentro del robot.



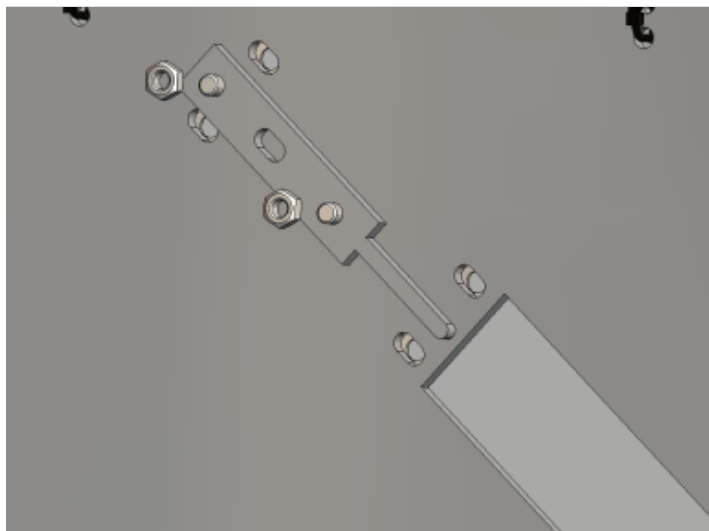
3. Sáquelo de la caja de engranajes de elevación con la parte trasera primero. (¡Cuidado con la primavera!)



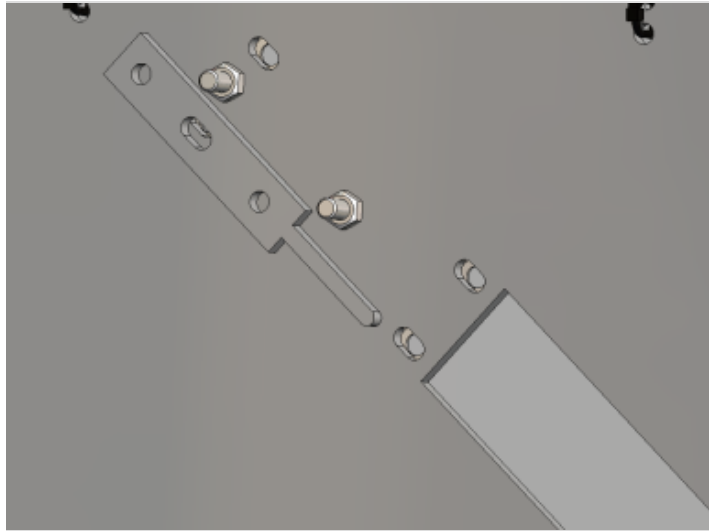
4. Retire el resorte.



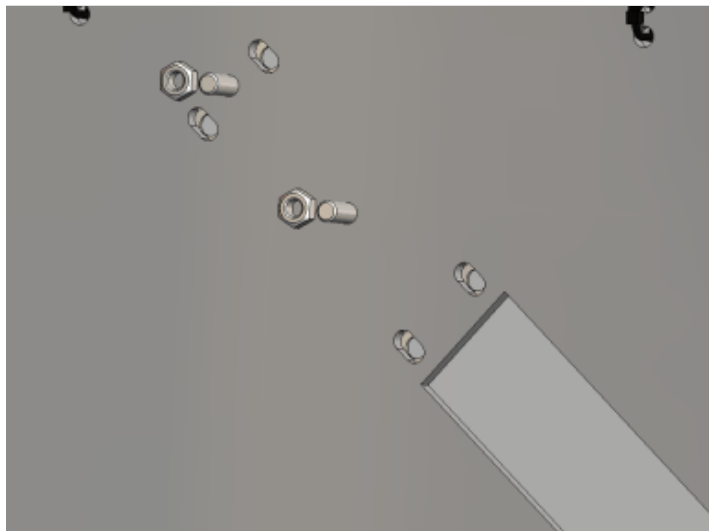
5. Desatornille ambas tuercas m5 (llave de 8 mm)



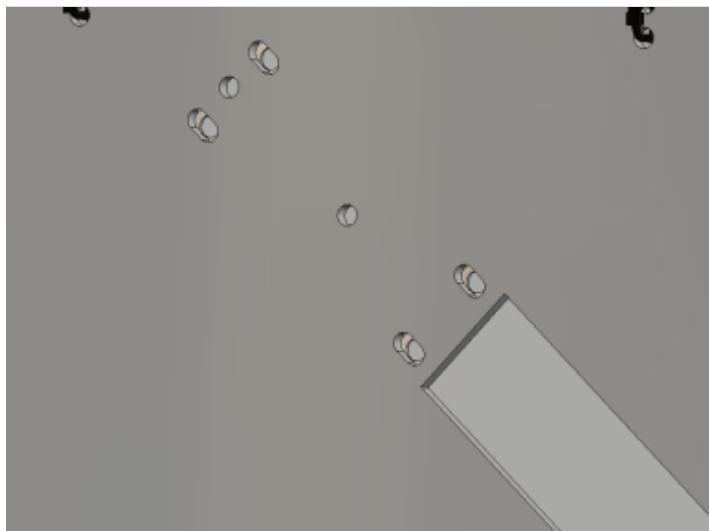
6. Retire el pasador de tensión del resorte.



7. Desatornille ambas tuercas m5 (llave de 8 mm), debe sujetar los tornillos hexagonales m5x16mm (llave hexagonal de 4 mm) en el interior del robot.



8. Retire los tornillos y las tuercas.



## Instalar AS-35029 (Casa de engranajes de elevación)

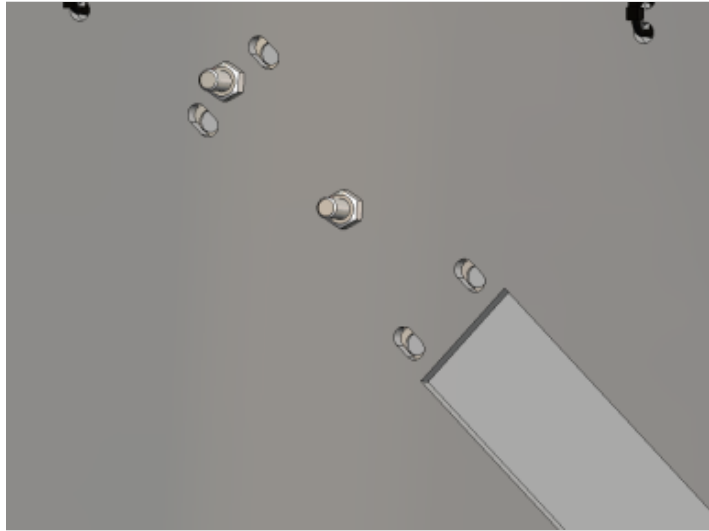
### Herramientas necesarias:

- Llave hexagonal - 2,5mm
- Hex key - 3mm

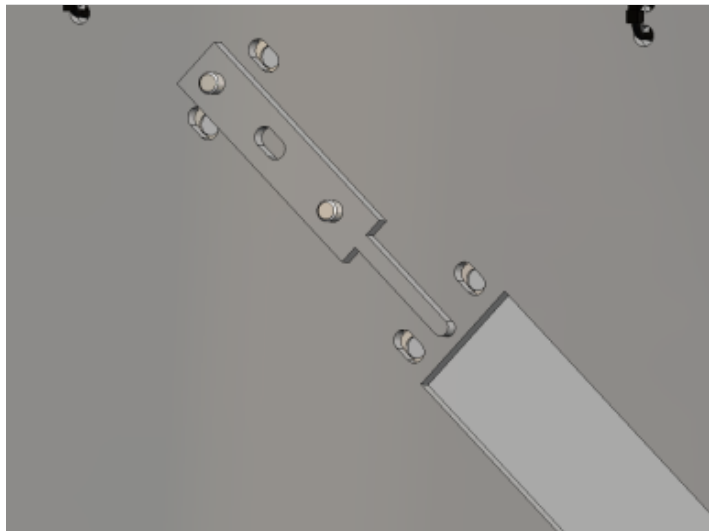
- Hex key - 4mm
- Plastic hammer
- Wrench - 8mm

**Procedure:**

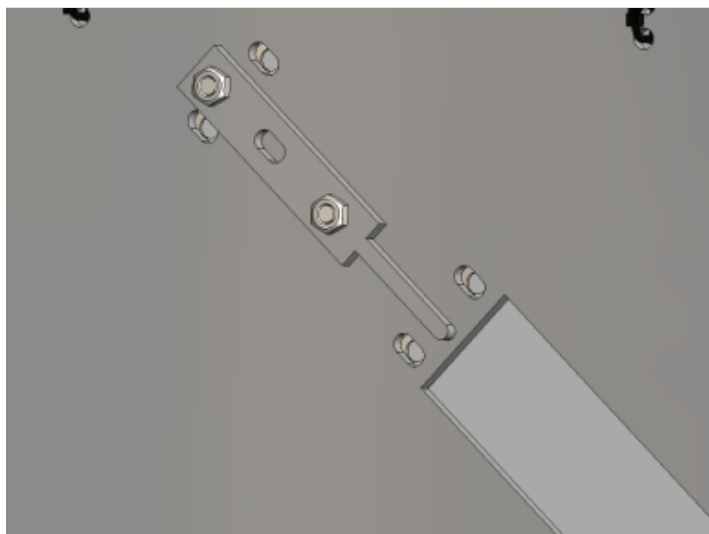
1. Fasten the m5x16mm hex socket screws (4mm hex key) and the m5 nut (8mm wrench) as shown.



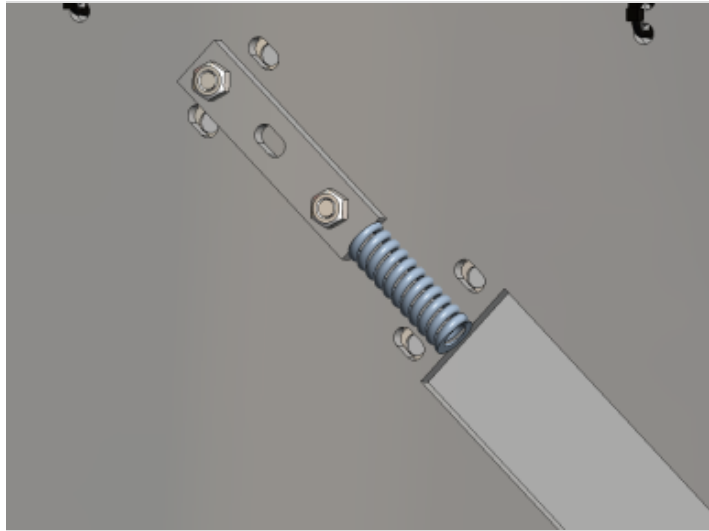
2. Put the spring tension pin in place.



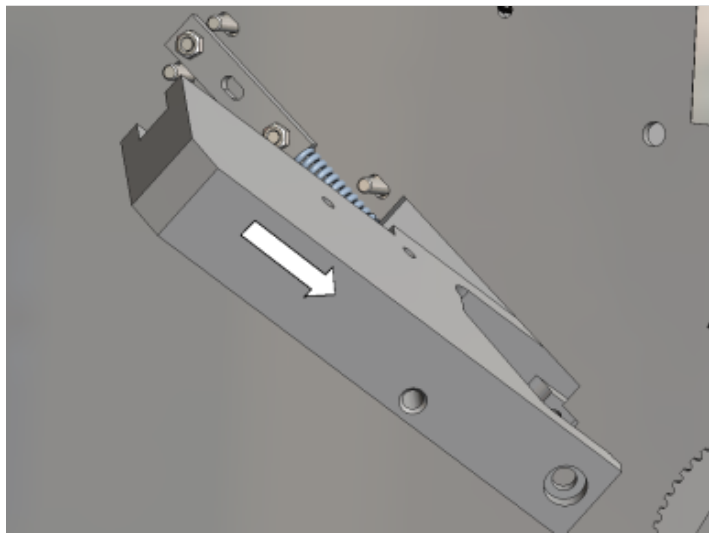
3. Tighten both m5 screws (8mm wrench)



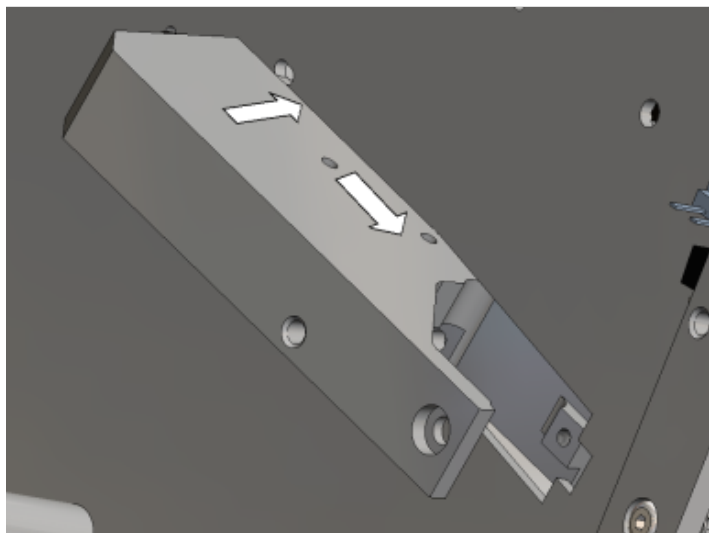
4. Put the spring on the spring tension pin and hold it there.



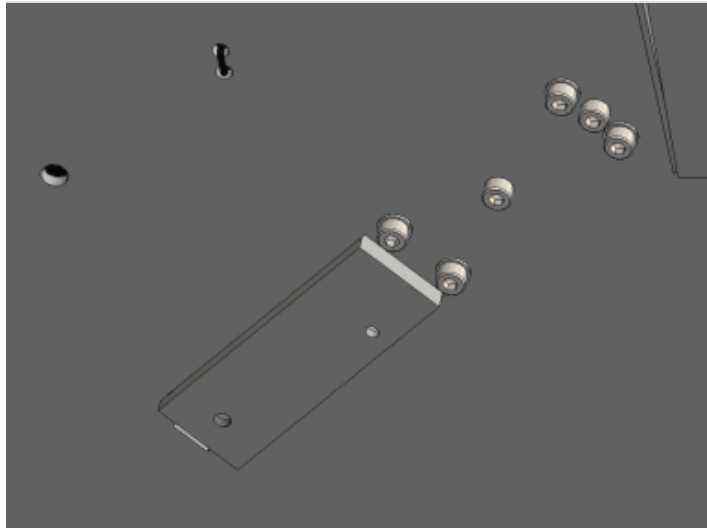
5. Put the front of the lift house gear through the Robot plate.



6. Pull the lift gear house against the spring until it enters its designated place.



7. Now put the four m5x16mm hex socket screws (4mm hex key) into place, but only tighten them lightly.



#### Completion:

- Install AS-35028 (Liftgear assembly) - Install left gear[as-35028--liftgear-assembly-.html#UUID-3727122d-5b7a-ee02-06f8-830196490541\_UUID-b9ad214c-d3f1-e7b7-6b21-5c3f2db1cdcc]
- Install AS-35028 (Liftgear assembly) - Install right gear[as-35028--liftgear-assembly-.html#UUID-3727122d-5b7a-ee02-06f8-830196490541\_UUID-d32597f4-ebfc-c403-e9d5-bed050735ed0]
- Tighten AS-35195 / AS-35934 (Timing Belt)[as-35195--r5---as-35934--r5---timing-belt-.html#UUID-f740b189-e796-a67e-51e2-1467cd6ede5e\_UUID-fd9cf96c-c35f-59da-3c41-859743ebb51e]
- Install AS-35024 / AS-35946 (Brake assembly)[as-35024--r5---as-35946--r5---brake-assembly-.html#UUID-22e42541-8af8-ff64-406a-a28a7c0e2eff\_UUID-688ec860-56c9-ef81-262f-07b494eb4e3b]
- 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-35194 (Robot gripper)[as-35194--robot-gripper-.html#UUID-615f1cd0-c94d-2caf-556f-d588cec2487d\_UUID-e6775622-8bb2-1625-05b3-a0f150e05715]
- Install AS-35021 / AS-35945 (Sheet front)[as-35021--r5---as-35945--r5---sheet-front-.html#UUID-31b10256-172a-aa77-27f3-70611fd2f729\_UUID-9b92d4e7-aba2-2c22-3c5d-0a94f0ac7d0a]
- Install AS-35011 / AS-35942 (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]