

CHAPTER 4 · GRIPPER

Task 4-2 Gripper servo (motor 6): removal and installation

APPLIES TO	TOOLS AND PARTS	SOFTWARE
SO-101 follower arm	Table 4-2	LeRobot

⚠ WARNING

Disconnect the power supply from the follower arm before you start. A powered servo can move without warning.

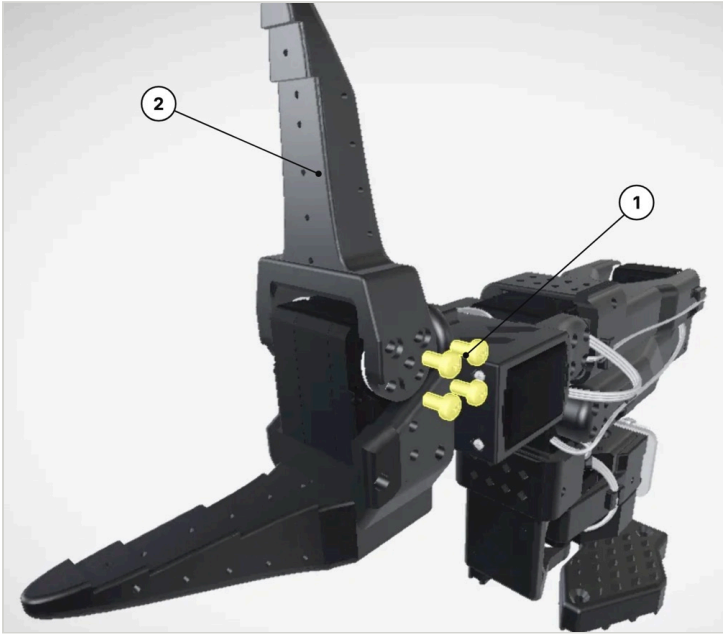


Figure 4-2. Gripper, moving-jaw side.

- 1 Screw, M3 × 6 mm (8)
- 2 Moving jaw

Table 4-2. Tools and parts

Item	Description	Qty
–	Screwdriver, Phillips	1
1	Screw, pan head, M3 × 6 mm, DIN EN ISO 7045	8
–	Servo, Feetech STS3215, 1/345 gearing (C001)	1

REMOVAL

1. Remove the first four screws (1) that hold the moving jaw (2).
2. Remove the remaining four screws (1).
3. Lift the moving jaw (2) off the gripper servo.
4. Unplug the servo cable and take out the gripper servo.

CAUTION

Use a replacement STS3215 with 1/345 gearing (C001), rated for the same voltage as your follower arm: 7.4 V or 12 V.

INSTALLATION

5. Fit the new gripper servo and plug in the servo cable.
6. Install the moving jaw (2) with the eight screws (1).
7. Set the servo ID to 6 with `lerobot-setup-motors` . A new STS3215 usually ships with ID 1.
8. Recalibrate the arm with `lerobot-calibrate` .