

# Lymow One Plus Cooling Fan & Volute Assembly Installation EN

## Lymow One Plus Cooling Fan & Volute Assembly Installation

Standard Operating Procedure (SOP)

### 1. Tools & Materials List

| Category | Item                    | Qty Required | Image/Video                                                                          |
|----------|-------------------------|--------------|--------------------------------------------------------------------------------------|
| Own      | Phillips screwdriver    | 1            |   |
| Own      | Diagonal cutting pliers | 1            |  |
| Own      | Work gloves             | 1            |  |
| Included | Volute Assembly         | 1            |  |

|          |             |   |
|----------|-------------|---|
| Included | Cooling Fan | 2 |
|----------|-------------|---|



|          |                               |   |
|----------|-------------------------------|---|
| Included | Flat-head self-tapping screws | 1 |
|----------|-------------------------------|---|



|          |                           |   |
|----------|---------------------------|---|
| Included | Right Motor Plastic Cover | 1 |
|----------|---------------------------|---|



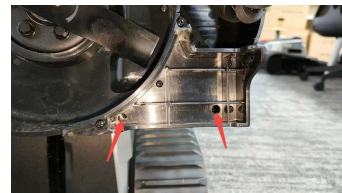
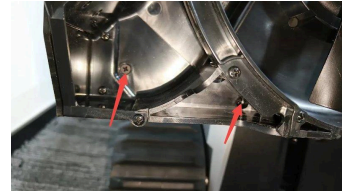
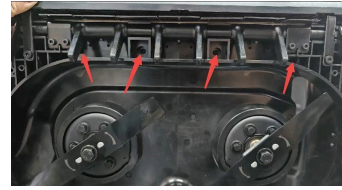
## 2. Procedure

### Caution:

1. Make sure the machine is in the **Emergency Stop** state or powered off before performing any of the following operations.
2. Always wear professional protective gloves when operating, maintaining, or repairing the blade.

| Step | Description                                                                                   | Image/Video                                                                          |
|------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1    | Power on. Once the screen changes to this page, press the + button to raise the cutting deck. |  |

- 2** Use a Phillips-head screwdriver to remove the 8 screws securing the cutting deck cover, at the 8 arrow positions shown in the figure.



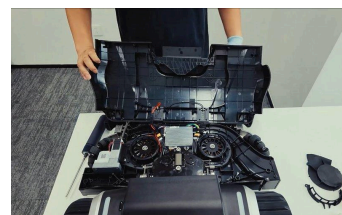
- 3** When the status light turns green, press the - button to lower the cutting deck.



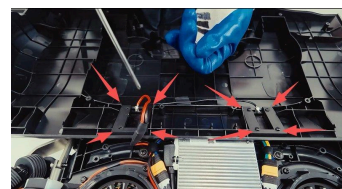
- 4** Power off the mower and disconnect the battery cable.



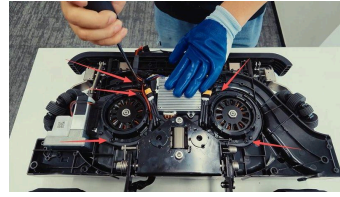
- 5** Open the cutting deck cover. Be careful — there are wires inside.



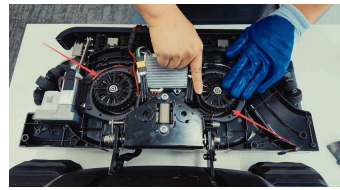
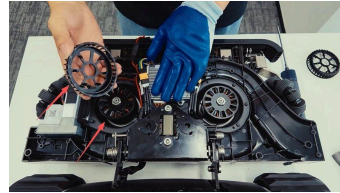
- 6** Remove the screws and take off the charging electrode sheet.



- 7 Remove the screws securing the wires and the motor cover (5 screws in total), then take off the motor cover and the wire fixing shell. Keep the motor cover screws safe for reuse later.



- 8 Install the left and right cooling fans. Clip the fan buckle into the motor gap, then press down the fan until it is fully seated.



- 9 Assemble the Volute Assembly.

**Note:** There are three clips — make sure all are fully engaged. Align with the numbered clips as indicated by the arrows in the figure.

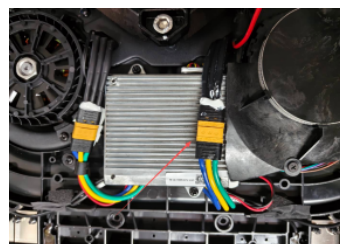
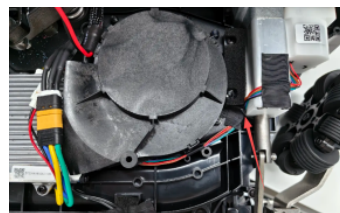


- 10 Route the small lift motor wires neatly.

**Note:** Position the bend of this wire at the location indicated by the arrow in the figure.

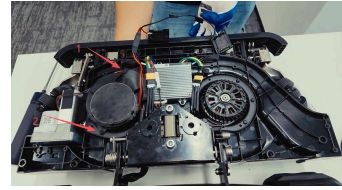


Three connected wires should be placed on the Cutting Head Board.



- 11 Install the volute.

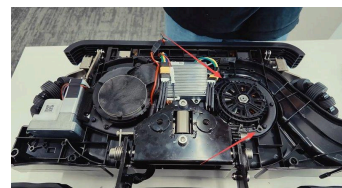
**Note:** Use Flat-head self-tapping screws for Arrow 1 in the figure, and motor cover screws for Arrow 2.



- 12 Rotate the blade and listen for rubbing noise. If friction noise occurs, check for errors or omissions in previous steps.

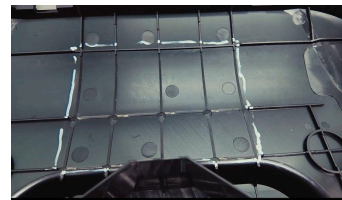
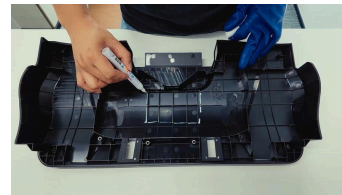


- 13 Install the Right Motor Plastic Cover using motor cover screws.

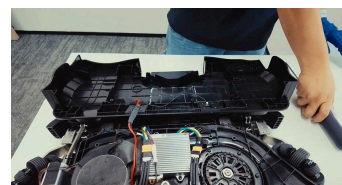
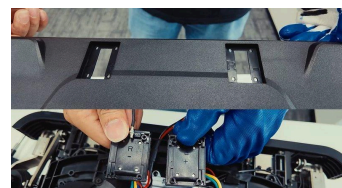


- 14 Use the diagonal cutting pliers to remove the rib inside the white marked area of the cutting deck cover.

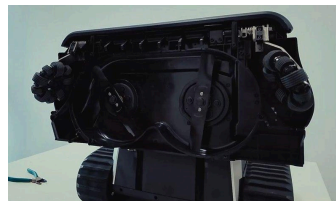
**Note:** Smooth the raised areas as much as possible.



- 15 Reinstall the charging electrode plate, matching the positive (+) and negative (-) terminals as shown.



- 16 Repeat the initial steps to raise the cutting deck, then reinstall all eight screws.



### 3. Abnormal Situation Handling

#### Abnormal Scenario

#### Standard Handling

|                                                      |                                                                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Clip cannot be engaged / snaps loosely               | Realign the parts and confirm there is no obstruction, then press evenly until it snaps into place.             |
| Screw stripped / cannot be tightened                 | Switch to the correctly sized tool, confirm no debris in the hole, then re-tighten vertically.                  |
| Structural part warps / excessive gap after assembly | Disassemble and realign; confirm no debris or misalignment, then fit evenly.                                    |
| Screw omitted or installed incorrectly               | Stop immediately, check against the screw count in the storage box, then add or replace with the correct screw. |

If you have any questions, please contact our after-sales support email [support@lymow.com](mailto:support@lymow.com).