

Advanced Wireless Foot Pedal Damper Assembly

⚠ WARNING: This product must be installed in accordance with the instructions provided. Failure to do so could result in personal injury, damage to your vessel and/or poor product performance.

⚠ WARNING: Performing service or maintenance without first disconnecting the battery can cause product damage, personal injury, or death due to fire, explosion, electrical shock, or unexpected motor starting. Always disconnect the battery cables from the battery before maintaining, servicing, installing, or removing motor components.

In the box

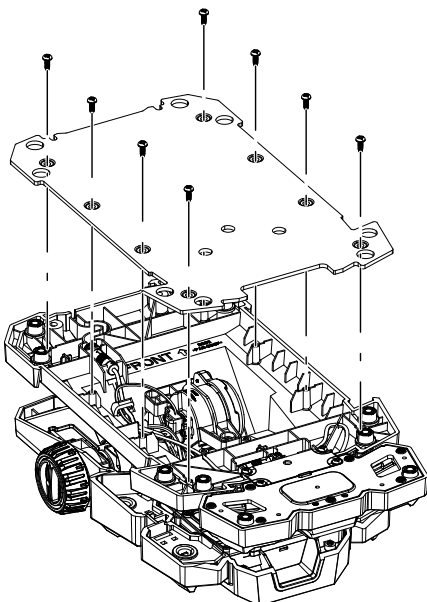
- 1x Advanced wireless foot pedal damper assembly
- 2x T15 Torx® screws
- 1x M4 x 14 socket screw

Tools needed

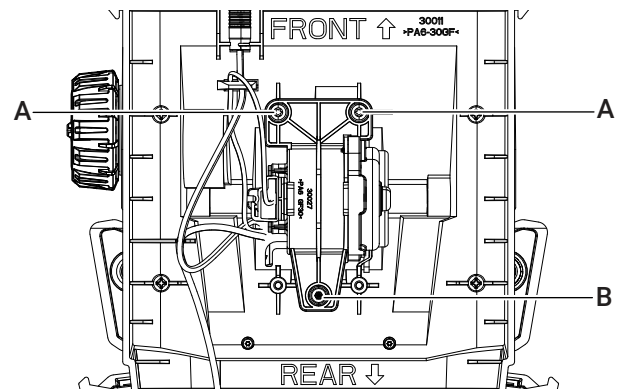
- #2 Phillips screwdriver
- T15 Torx® screwdriver
- 3 mm (1/8 in) Allen key
- T8 Torx® screwdriver
- Torque wrench

Installation

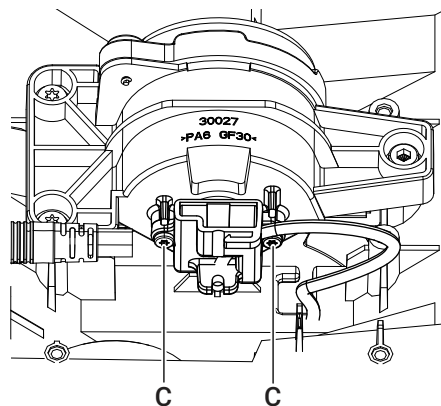
- 1 Remove the batteries from the foot pedal or, if powered by 12 V power cable, disconnect the 12 V power cable from the battery.
- 2 If your foot pedal is mounted to your boat, unbolt it.
- 3 Using a #2 Phillips screwdriver, remove the eight screws that secure the base plate. Remove the base plate.



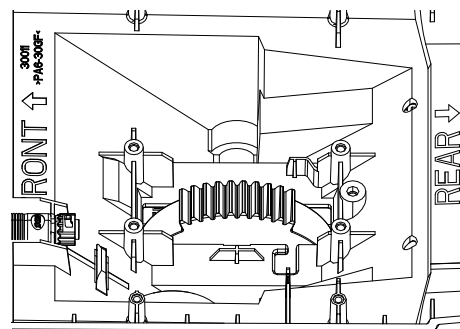
- 4 Using a T15 Torx® screwdriver, remove the two screws (A) from the front of the damper assembly.
- 5 Using a 3 mm (1/8 in) Allen key, remove the screw (B) from the back of the damper assembly.



- 6 Using a T8 Torx® screwdriver, remove the two screws (C) that connect the angle sensor to the side of the damper.



- 7 Remove the damper assembly from the pedal housing.



To attach the new damper assembly:

- 8 Align the angle sensor with the side of the new damper assembly and secure using a T8 Torx® screwdriver and the two T8 Torx® screws. Tighten to torque 0.5 Nm (4.4 in-lb).
- 9 Place the new damper assembly into the pedal housing.
- 10 Secure the front of the damper assembly using a T15 Torx® screwdriver and two new T15 Torx® screws (supplied). Tighten to torque 1.8 Nm (16 in-lb).
- 11 Secure the back of the damper assembly using a 3 mm (1/8 in) Allen key and a new M4 x 14 socket screw (supplied). Tighten to torque 0.5 Nm (4.4 in-lb).
- 12 Screw the base plate back on.
- 13 Re-insert the batteries, or, if your trolling motor was powered by 12 V power cable, reconnect the 12 V power cable to the battery.
- 14 If your foot pedal was mounted to your boat, remount it. Otherwise, place the pedal where you intend to use it.

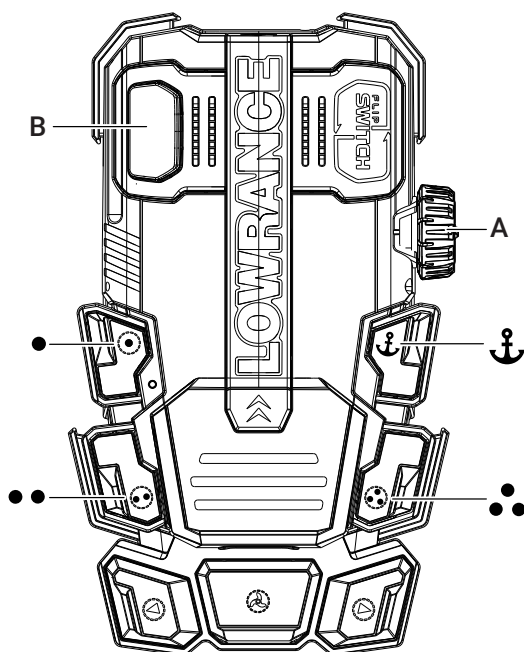
Calibration

After you've replaced the damper assembly, you need to re-calibrate the foot pedal's:

- range of motion (heel to toe range)
- angle offset (the difference between the pedal's neutral (flat/level) position and your preferred angle for steering straight ahead. The offset can be between 0 and 10 degrees).

Calibrate the range of motion

- 1 Power on the foot pedal.
- 2 Stow the trolling motor and power it off (so it is NOT connected to the foot pedal).
- 3 Press the pedal fully toe down.
- 4 Rotate the speed adjustment knob (A) forward to **MAX**.
- 5 Press and hold the ● and ⚓ keys on the foot pedal simultaneously until the pedal LED blinks green (approx 10 seconds).



- 6 Press the pedal fully heel down.
- 7 Rotate the speed adjustment knob backward to **OFF**.
- 8 Press and hold the the ●● and ⋯ keys on the foot pedal simultaneously until pedal LED blinks green (approx 10 seconds).

Calibrate the angle offset

- 1 Power on the trolling motor and make sure it is connected to the Advanced Wireless foot pedal.
- 2 To enter user configuration mode, press and hold the ●● and ⋯ keys on the foot pedal simultaneously until the LEDs on the trolling motor mount start flashing.
- 3 Stand in your intended usage position and press the pedal to the most comfortable neutral position (where you want your foot to be when going in a straight line).
- 4 To save the angle offset, press and release the momentary switch (B in the previous illustration).
- 5 To exit user configuration mode, press and hold the ●● and ⋯ keys on the foot pedal simultaneously.