



Installation Guide — LVS34 Mount [AP100-210-034]

🔍 Required Tools

- Allen key 1/8", 5/32" and 5 mm
- Hex key (socket or wrench) 3/8" and 13 mm (1/2")

🔍 Package Contents

Qty	Part Name	Part Number (SKU)
1	Nylon lock nut M8 (M8 x 1.25)	NUTM08-125-S-S-NYLON
2	P100-212-034	P100-212-034
1	LVS34 transducer bracket	P100-211-034
1	LVS34 front and bottom bracket	P100-210-034
2	Flat washer 0.315 (M8)	WASM08-S-S
4	Belleville washer 8mm x 0.09mm	WASBEL0315-0.035-S-S
2	Socket cap screw 0.250 x 0.500 (1/4-20)	VTB0250-050
1	Socket cap screw M08 x 70 (M8 x 1.5)	VTBM08-070

✔ Before you begin

- Install the LVS34 mount onto the JAC Marine JP100 series handle.
- Make sure the front of the bracket — and thus the front of the transducer — is parallel to the handle and pointing in the same direction as the arrows on the handle, which indicate the sonar beam direction.

🔍 Aligning the LVS34 bracket

- Loosen the two VTB0250-050 screws (1/4-20) using a 5/32" Allen key.
- Open the JP100 handle and place it on a flat surface (e.g., table or bench).
- To ensure proper alignment, support both sides of the handle with two objects of equal height so that the handle's axis is level.
- Adjust the orientation of the LVS34 bracket so the face marked "note #1" on the technical drawing is also parallel to the same surface (or the support blocks).
- Once aligned, firmly re-tighten the two VTB0250-050 screws.
- 📌 Note: The face marked "note #1" is the alignment reference surface.



❓ Installing part P100-212-034

- If not already installed, slide part P100-212-034 onto shaft VTBM08-070.
- Secure it using two FH0190-063-S screws and two NUT190-32-S-S-NYLON nuts.
- Do not overtighten: the part is made of plastic and may crack.
- Apply light pressure — just enough to hold it firmly in place.
- Note: An extra P100-212-034 part is included in every kit, in case of loss or damage.

❓ Installing the LVS34 transducer

- Insert the LVS34 transducer in its housing, making sure the front of the transducer faces the same direction as the arrows on the handle.
- Slide one flat washer WASM08-S-S against the transducer.
- Install the four Belleville washers WASBEL0315-0.035-S-S in alternating directions: first with the convex side facing the flat washer, then each one opposite the last.
- Add a second flat washer WASM08-S-S.
- Finish with the nylon lock nut NUTM08-125-S-S-NYLON.
- Tighten gradually until the tension holds the transducer firmly, but allows manual rotation between Forward and Down modes.
- Do not overtighten: excessive tension will prevent the transducer from rotating freely.

❓ You're all set!

- Your LVS34 mount is now properly installed.
- You're ready to fish — or hunt down your next target with precision. Enjoy your outing!

