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# INSTALLATION METHOD FOR **H18/20/22/25/33/40**

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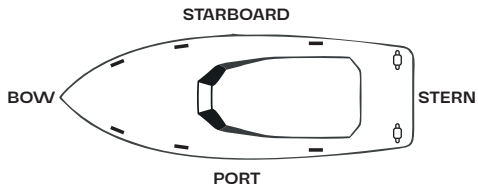
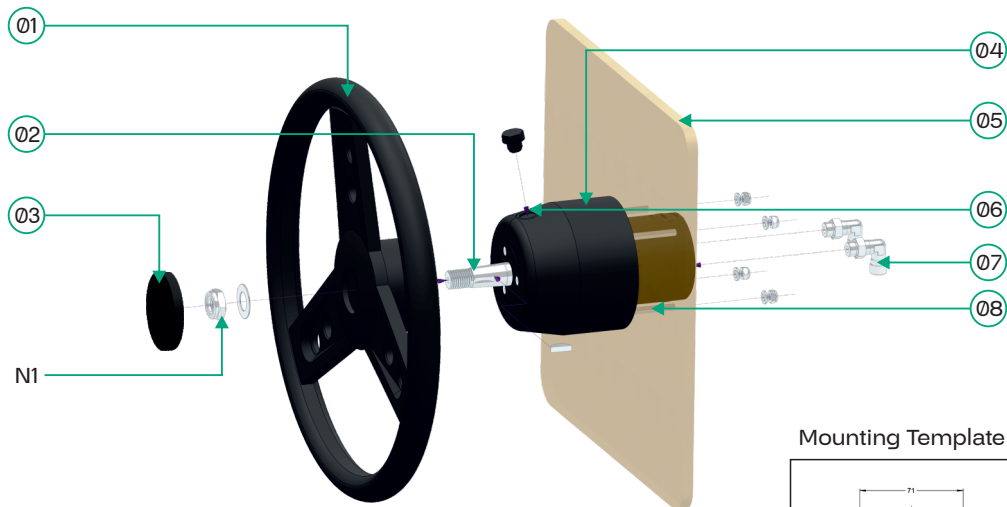
**ENGLISH**

## INSTALLING HELM PUMP

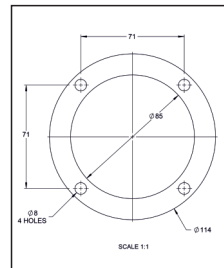
- Step 1: **Choose Installation Location** : Select a suitable spot on the dashboard (5) with enough space for smooth Steering Wheel (1) movement and clearance for the Helm pump (4), hoses, and fittings behind it.
- Step 2: **Prepare the Mounting Holes** : Tape the Mounting Template to the selected position. Drill four flange stud (8) holes and a center hole using a hole saw, as mentioned on the mounting template.
- Step 3: **Remove Protective Components** : Remove the protective plugs from the Elbow Fittings (7) Port and oil filling (6) port. Unscrew and remove all the four Nyloc Nuts and Washers from the Helm's Flange Studs (8).
- Step 4: **Install Elbow Fittings & Oil-Filling Plug** : Hand-tighten the Elbow Fittings (7), then use a wrench to fully secure them. Insert the Oil-Filling Plug (with a breathable hole) into the Oil-Filling Port (6).
- Step 5: **Mount the Helm** : Install the Helm pump (4) onto the dashboard (5) from the front, ensuring the Oil-Filling Port (6) faces upward. Align the Flange Studs (8) with the drilled holes.
- Step 6: **Secure the Helm** : Using a 10mm wrench, tighten the Nyloc Nuts and Washers onto the Flange Studs (8) to secure the Helm firmly.

## MOUNTING STEERING WHEEL

- Step 1: **Attach the Steering Wheel** : Remove the Nyloc Nut (N1) and Washer from the Helm Shaft (2). Apply a small amount of marine grade grease to the tapered portion of the Helm Shaft. Align the woodruff key (09) with the keyslot and slide the Steering Wheel (1) onto the shaft.
- Step 2: **Secure the Steering Wheel** : Insert the Washer and tighten the Nyloc Nut (N1) using a 20mm hex wrench. Attach the Steering Wheel Cap (3) into the provided slot at the center.



Mounting Template



NO.	COMPONENTS
1	Steering Wheel
2	Helm Shaft
3	Steering Wheel Cap
4	Helm Pump
5	Dashboard

NO.	COMPONENTS
6	Oil-Filling Port
7	Elbow Fittings
8	Helm's Flange Studs
9	Woodruff Key
N1	Nyloc Nut

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