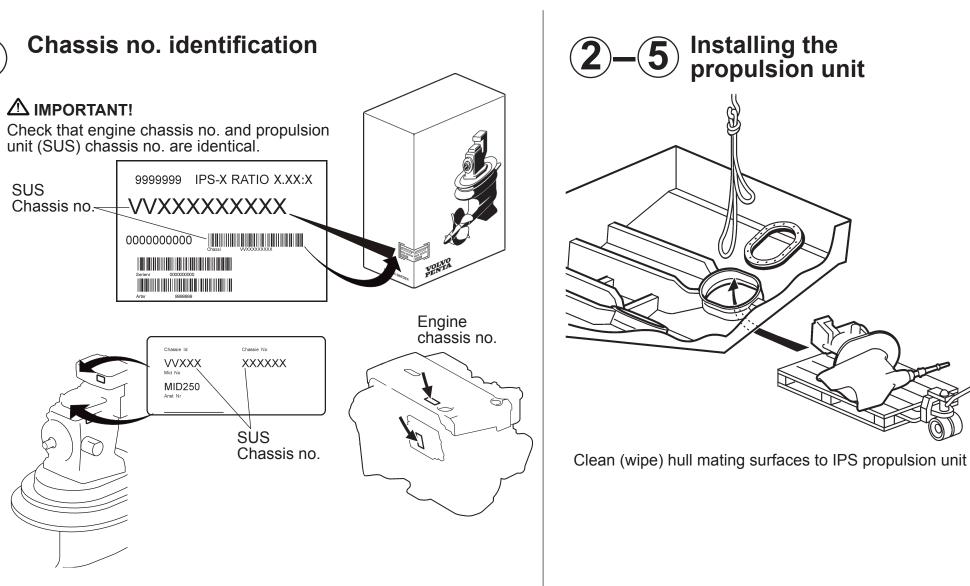


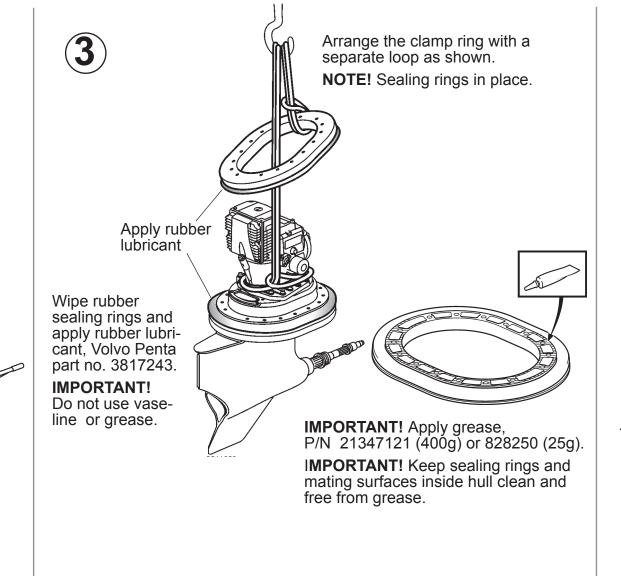
* NOTE! For IPS installations with jackshaft, follow

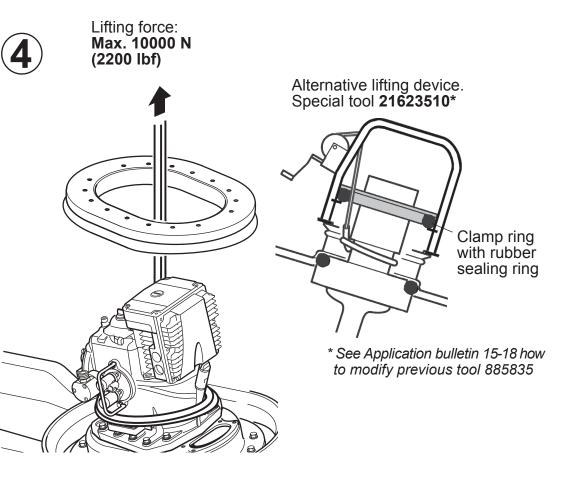
procedures on page 2.

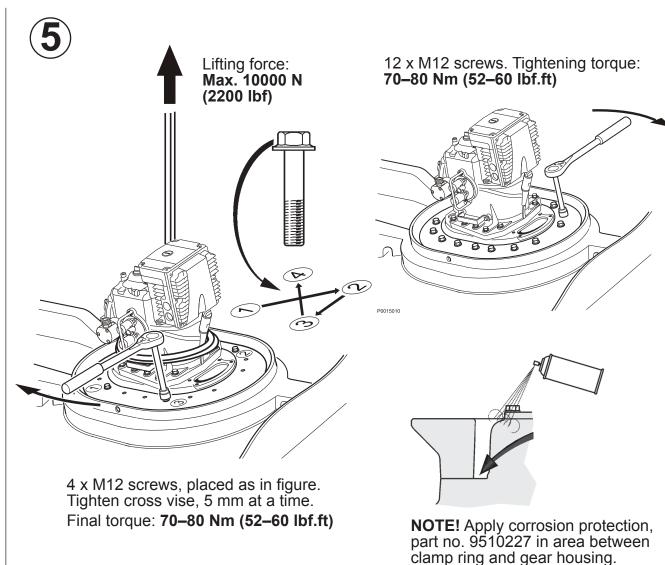
step 1 to 7 (incl 8F) on this page, then follow jackshaft

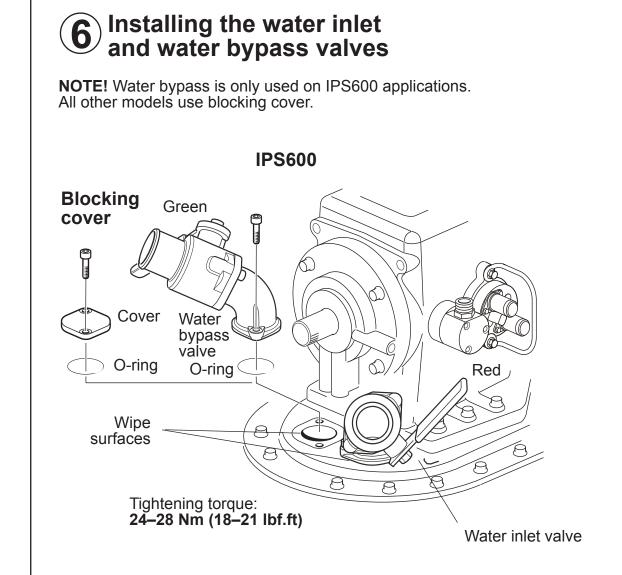
Installation Reference, Volvo Penta IPS Propulsion Unit and Engine *

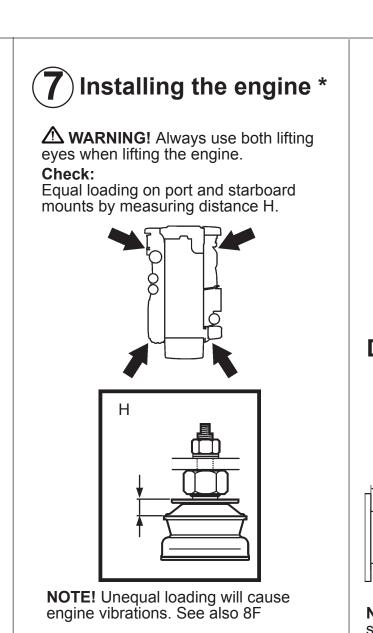


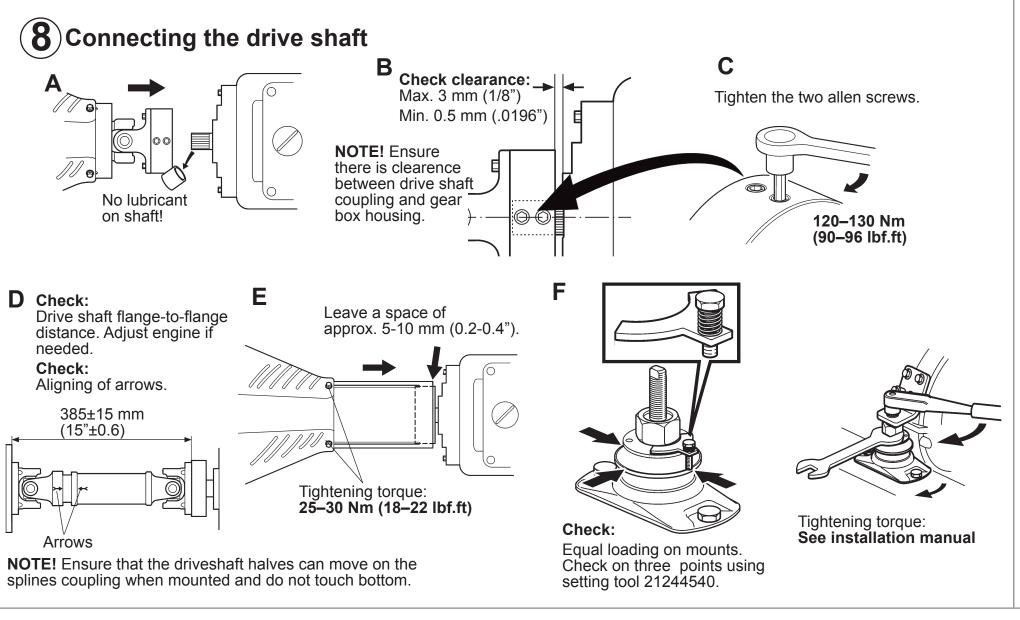


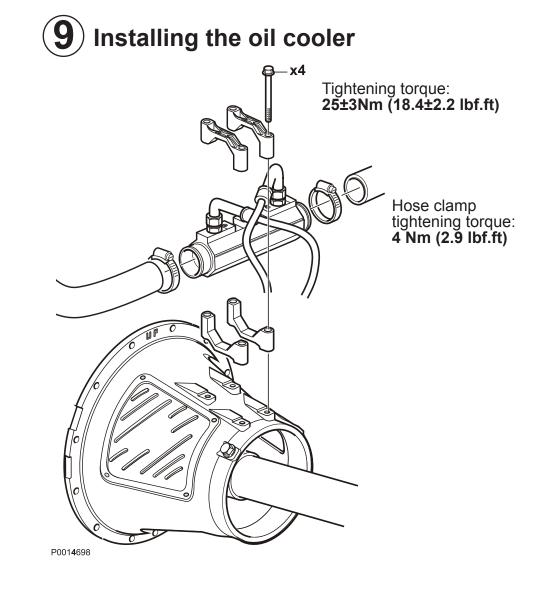




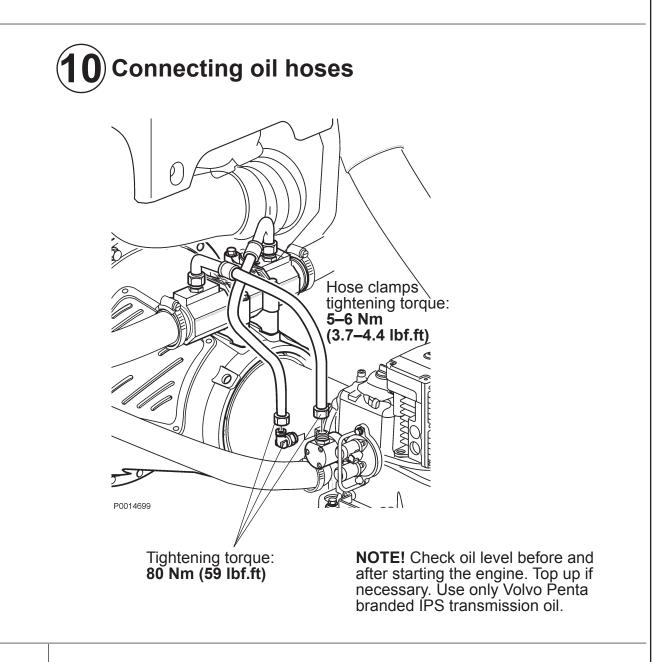


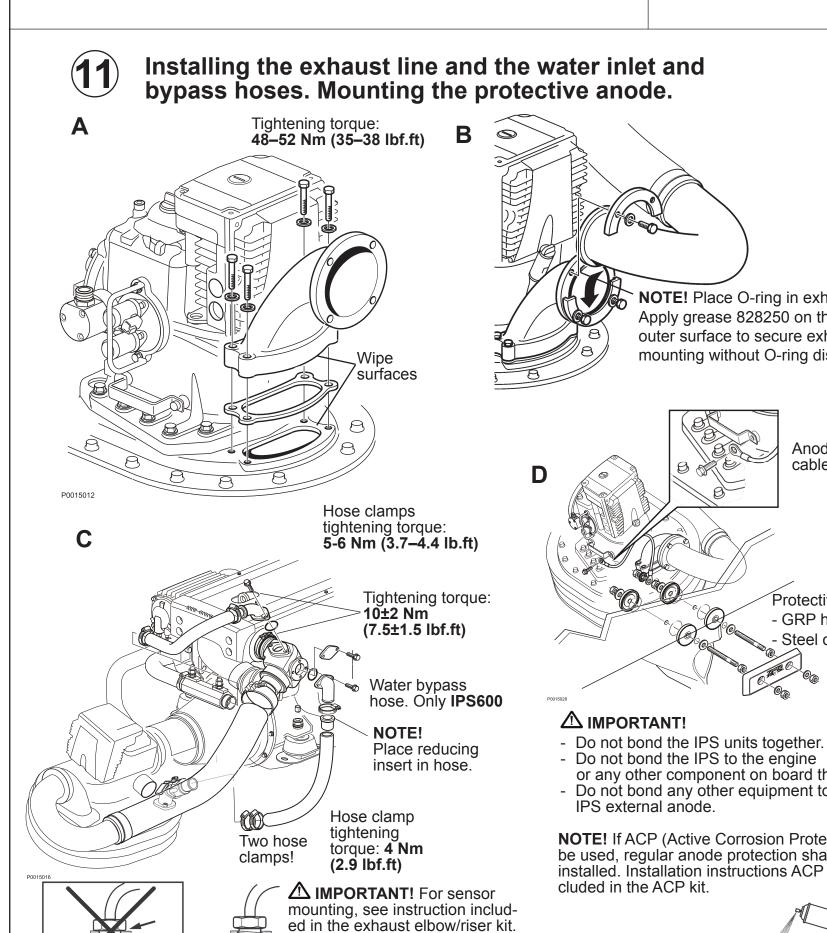


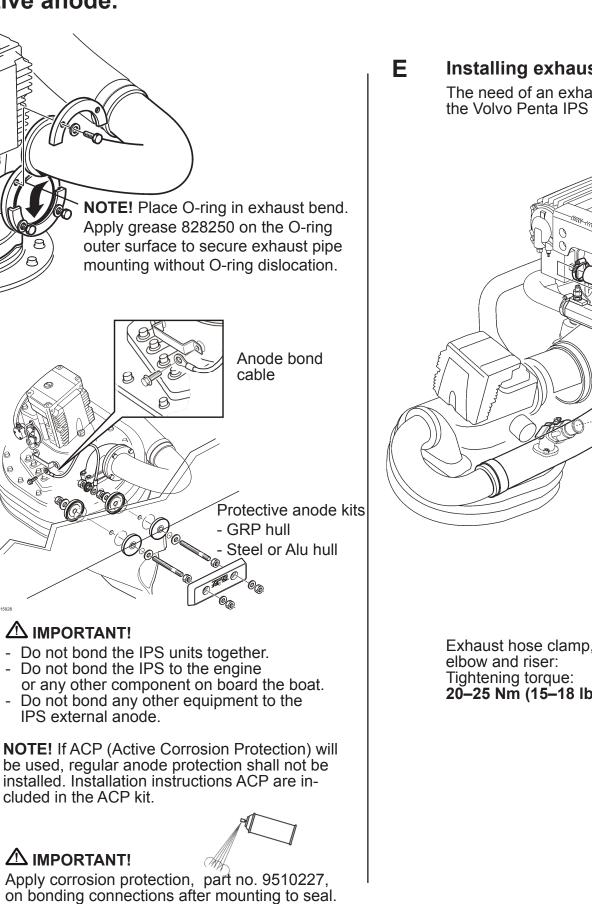




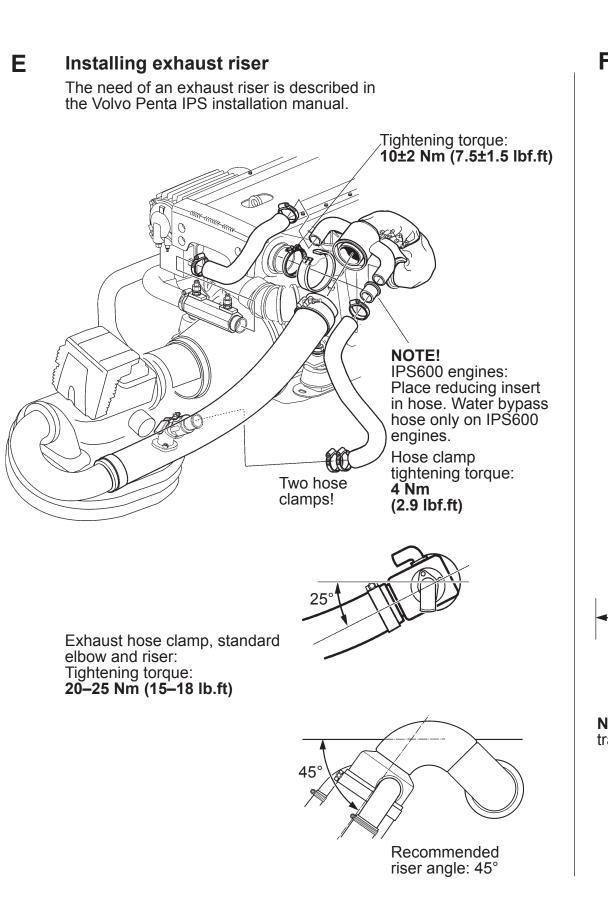
12 Power supply

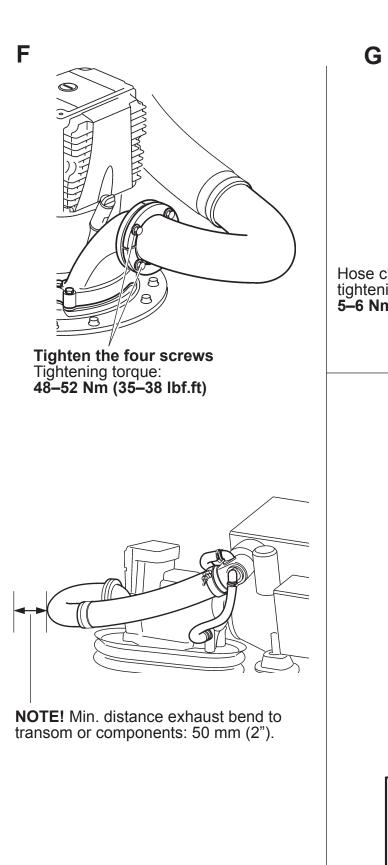


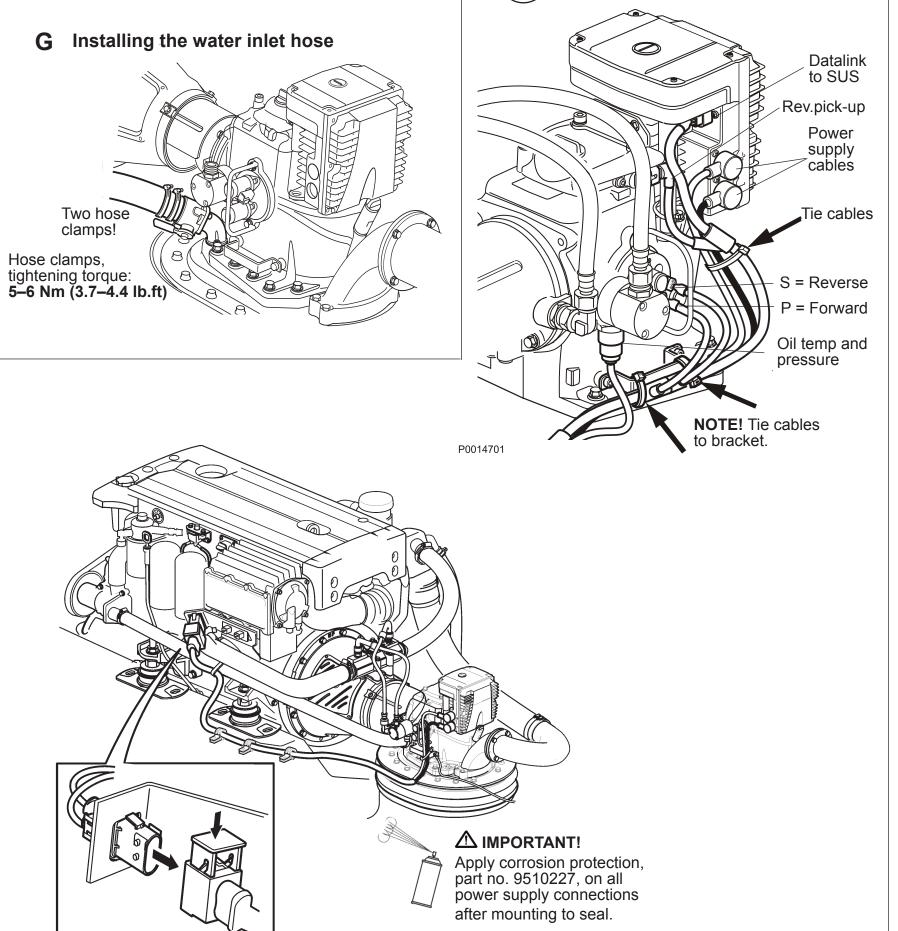


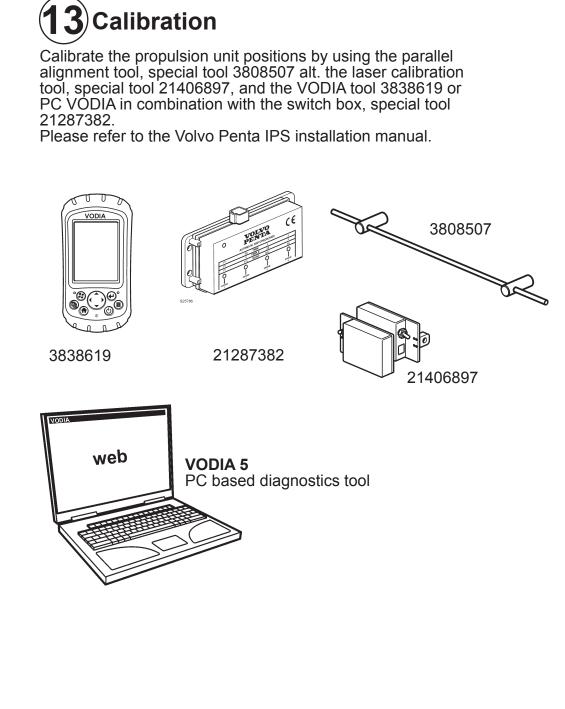


Use marine sealant on the through hull fittings.

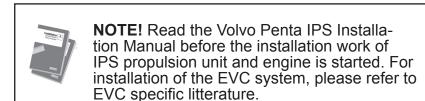








VOLVO PENTA

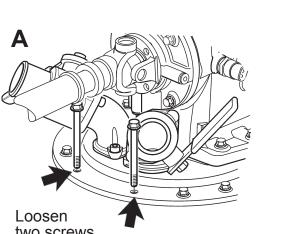


WARNING! Make sure all safety precautions are made prior to lifting to avoid personal injuries and damage on equipment.

NOTE! Before installing propulsion unit and engine, make sure that the rest of the installation work in the engine compartment has been completed. In addition, all cables and hoses must be correctly located and clamped.

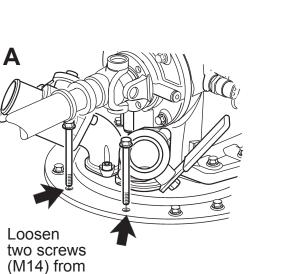


(IPS600 installation is shown)



clamp ring.

Mounting the rear end catch



8 Connecting the drive shaft, front end (engine side)

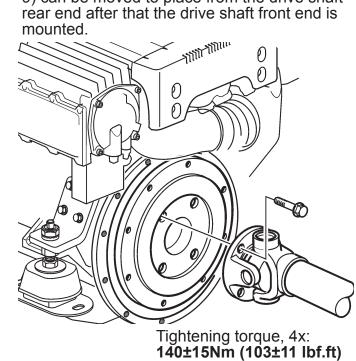
Step **1** to **7**

Follow the corrsponding steps for IPS standard installation

(without jack shaft).

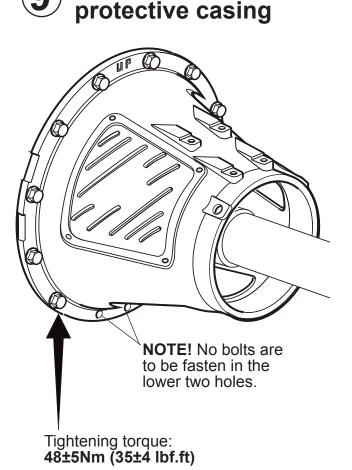
See step 10 E for available drive shaft lengths.

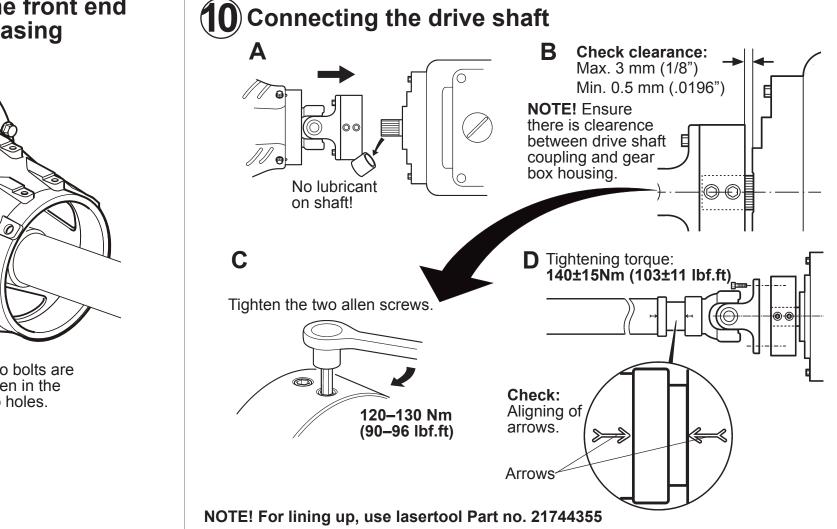
NOTE! Ensure that the protective casing (step 9) can be moved to place from the drive shaft réar end after that the drive shaft front end is



protective casing

Mounting the front end

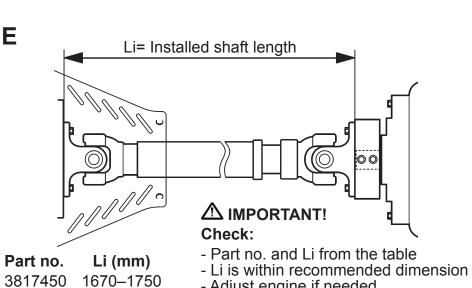




Installation Reference, Volvo Penta IPS Jack shaft mounting

WARNING! Make sure all safety precautions are made prior to lifting to avoid personal injuries and

NOTE! Before installing propulsion unit and engine, make sure that the rest of the installation work in the engine compartment has been completed. In addition, all cables and hoses must be correctly



3817451 1570-1650

670-750

570-650

3818290

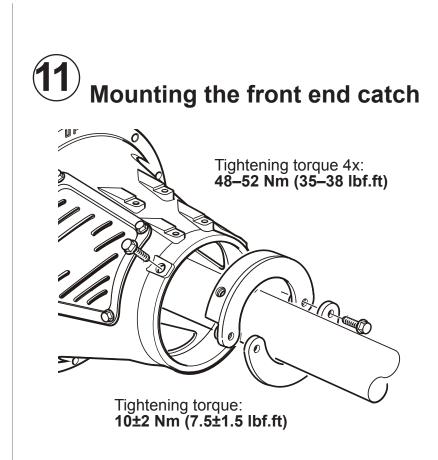
3818291

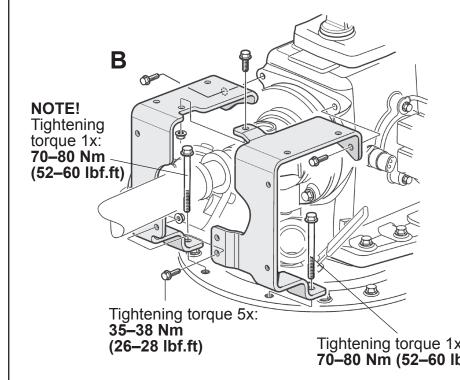
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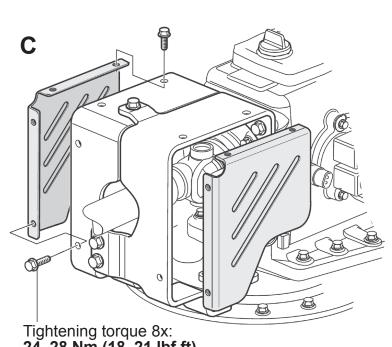
3818293 3818295

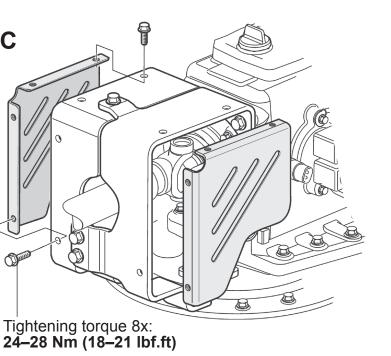
- Adjust engine if needed **NOTE!** Ensure that the driveshaft halves can move on the splines coupling when mounted and do not touch bottom.

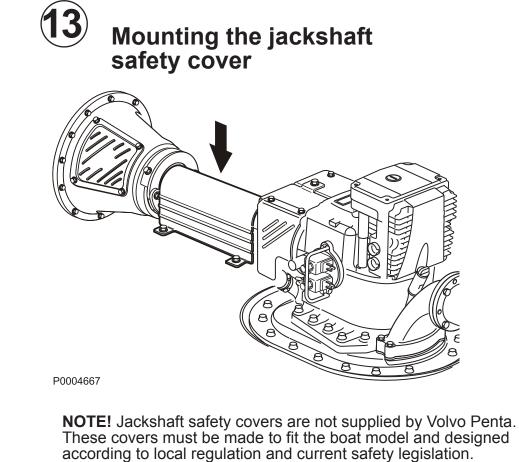
3817452 1470–1550 3817453 1370–1450 3817454 1270-1350 3818288 1170–1250 3818289 1070-1150 970-1050 870-950 770-850

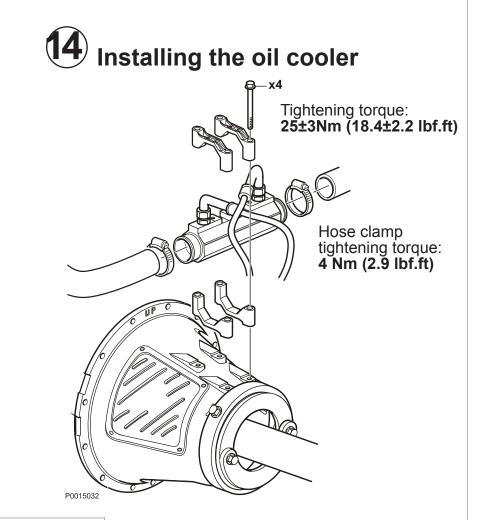


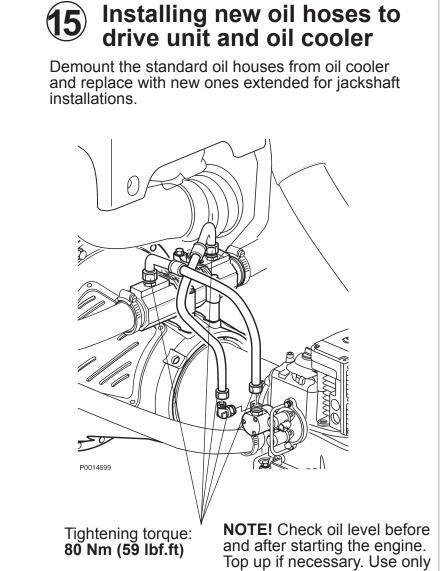






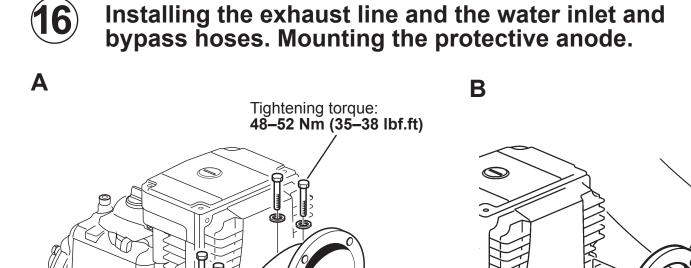


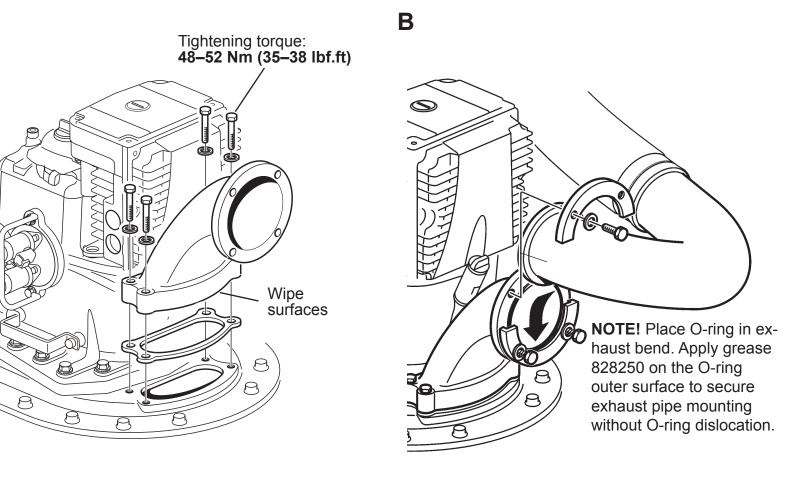


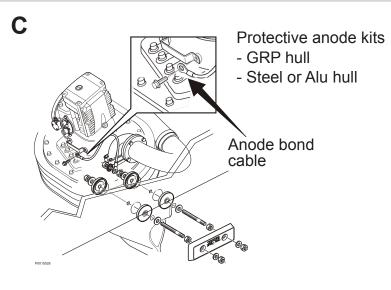


Volvo Penta branded IPS

transmission oil.







⚠ IMPORTANT!

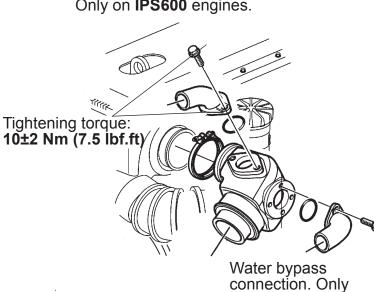
- Do not bond the IPS units together. Do not bond the IPS to the engine or any other component on board the boat. Do not bond any other equipment to the IPS external anode.

NOTE! If ACP (Active Corrosion Protection) will be used, regular anode protection shall not be installed. Installation instructions ACP are included in the ACP kit.



Apply corrosion protection, part no. 9510227, on bonding connections after mounting to seal. Use marine sealant on the through hull fittings.

Installing an exhaust elbow Only on IPS600 engines.



IPS600 engines!

