

VOLVO PENTA.**AS Volvo Penta**

SE-405 08 Goteborg, Sweden

Parts Bulletin

Group	Number	Version
P-64-0	1	01

New QL Mechanical and Hydraulic Steering Systems

Models: QL Accessories

Distribution: Parts Date: 01-2006 Binder: Parts Replaces:

QL Mechanical Steering System

A new product range of mechanical steerings is now introduced and available for delivery. The new range comprises four steering gears, all using a Planetary Gear Design, as well as a new range of steering cables. For further details of the new product range (part numbers etc), please see product leaflet 7745828.

- As a replacement of the previous rear mount steering gear 853181, use the new gear 3818019 or 3818023 (Non-Feedback type), however be aware of that the new steering gears require another type of installation kit, using a different drill template.
- A new rear mounted gear "No-feedback type", is now part the product range.
- The two rear mounted steering gears are also available for installation with the new tilt mechanism, allowing adjustable steering wheel angle (+1-24 degrees and five locking positions)
- The new steering cables also fit as replacement cables for the superseded mechanical steering gear 853181.

QL Hydraulic Steering System

A new product range of hydraulic steerings is now introduced and available for delivery. The new range comprises three types of helm pumps, i.e. front mount, rear mount and tilt mount. Each type is available with three different pump displacements, i.e. 28-, 33- and 39cm³ revolution. Also three steering cylinders are available, displacement 116-, 168- and 215 cm³ respectively. All three cylinders are intended for boats with rudder installation. For further details of the new product range (part numbers etc), please see product leaflet 7745828.

- The new helm pumps require a different template compared to the previous helm pump, 1140580
- The tilt mount pumps installed with the tilt mechanism, allow adjustable steering wheel angle (+1-24degrees and five locking positions)
- The cylinders are all of balanced type, i.e. equal number of turns lock-to-lock port to starboard and vice-versa.

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Group Number Version
P-97-1 **1** **01**

QL Discontinues Marine Electronics Range

Models: QL Accessories

Distribution: Parts Date: 12-2005 Binder: Parts Replaces:

The range of marine navigational electronics was introduced 2000, but unfortunately the sales volume has been developing very poor since then. In addition to that, our supplier is now renewing several of the main components, which have a major impact on the current range offered by Volvo Penta.

This means that when sold out there will be no replacement item for the products below:

<i>PIN</i>	Description
41103700	Antenna
41103701	Instrument
41103702	Imouls sensor
41103703	Sensor
41103705	Sensor
41103706	Bracket
41103707	Cable
41103708	Cable
41103709	Cable
41103710	Cable clamp
41103711	Sensor
41103712	Sensor
41103713	Instrument
41103714	Instrument
41103715	Instrument