



Measurements

Checking the HIU power trim output

Special tools: Multimeter 9812519,
Adapter cable 88890016, Measurebox 9998699

1. **NOTE!** Cut the current with the main switch.
2. Connect adapter cable 88890016 with measurebox 9998699 between the HIU and the power trim connector, C2.
3. Use multimeter 9812519 for voltage measurement.

Measurement points	Nominal value
10 (trim up signal)–	U ≈ Battery voltage
15 (trim pot. positive supply)	

Checking HIU output to the trim pump up relay

Special tools: Multimeter 9812519
Adapter cable for relay test 9990136

Supply wire:

1. **NOTE!** Engine off.
2. Remove the power trim up relay from the socket located nearby the engine box. Please refer to cable description that describe wire colours.
3. Connect adapter cable for relay test (9990136) between power trim up relay and relay socket.
4. Use multimeter (9812519) to measure the voltage over the trim pump relay coil.
5. Startkey in **position 1**.

Measurement points	Nominal value
Relay pin number: 86-85	U ≈ 0 V

6. Push power trim up button.

Measurement points	Nominal value
Relay pin number: 86-85	U ≈ battery voltage

Note! If there is no voltage, there is likely to be a fault in the trim pump up relay's connection to the HIU or there is a fault in the high side switch in the HIU.

If the voltage is fluctuating there could be a fault in the trim pump up relay's connection to battery negative.

