

SP 40 S



manual onboard!

IPC upgrade kit (for SP 40 S)

Upgrades your existing Sidepower thruster (1998 or newer) to include the latest safety functions.



SLEIPNER MOTOR AS

P.O. Box 519 N-1612 Fredrikstad Norway

Tel: +47 69 30 00 60 Fax: +47 69 30 00 70 www.side-power.com sidepower@sleipner.no



Made in Norway

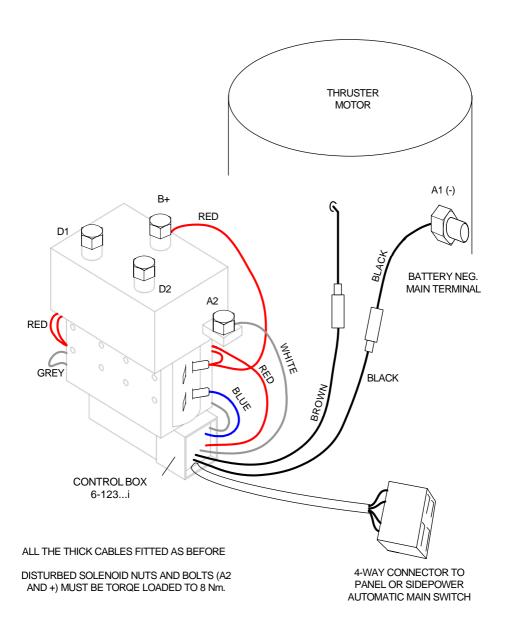
Kit consists of

- 1 pcs. Control box (6 123...i)
- 1 pcs. Wiring loom (6 1226B)
- 1 pcs. Negative terminal / black cable (R8)

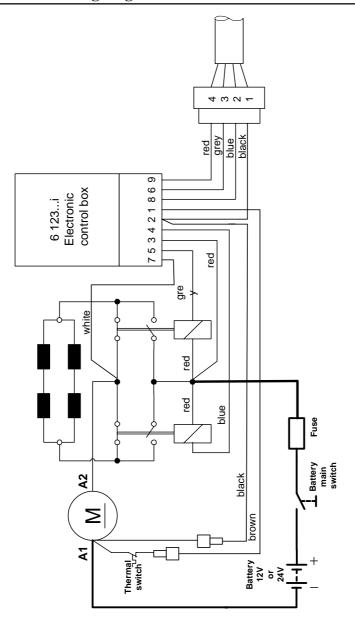
Upgrade proceedure (refer to drawing on next page)

- 1 Disconnect thruster batteries by disconnecting the mainswitch(es).
- 2 Disconnect the 4 way connector on the existing wiring loom (internal thruster wiring loom).
- 3 Disconnect the two cable connections on both sides of the solenoid (2 x red, 1 x blue and 1 x grey).
- 4 Loosen the middle bolt on top of the solenoid and remove the red cable.
- 5 Disconnect the 1 way connector on the thin wire comming out of the electric motor (overtemperature funtion).
- 6 Remove existing wiring loom and control box.
- 7 Install the (R8) negative cable (included in kit) on the A1 terminal (battery negative) torque = 6 Nm.
- 8 Install the new control box (6 123...i) with the new wiring loom (6 1226B) on the existing holding bracket.
- Onnect blue, grey and red wires to the solnoid in accordance to the drawing on the next page. Torque for the nut on B+ = 8 Nm.
- Loosen A2 cable and install new white cable with circular cable shoe, between the spring washer and A2 cable. Torque = 8 Nm.
- Connect the black wire with the 1 way contact in the wiring loom, to the 1 way contact comming from A1 terminal.
- Connect the brown wire with the 1 way contact in the wiring loom, to the 1 way contact comming from the electric motor (overtemperature function).
- (3) Check that the connections are in accordance to the drawing on the next page.

New internal wiring



Wiring diagram with IPC control box





SLEIPNER MOTOR AS

P.O. Box 519 N-1612 Fredrikstad Norway

Tel: +47 69 30 00 60 Fax: +47 69 30 00 70 www.side-power.com sidepower@sleipner.no

