

SE30/SP30S, SE40/SP40S (Standard and IP models) Shear Pin Replacement Instructions.

These Procedures can be completed
with the vessel in the water.

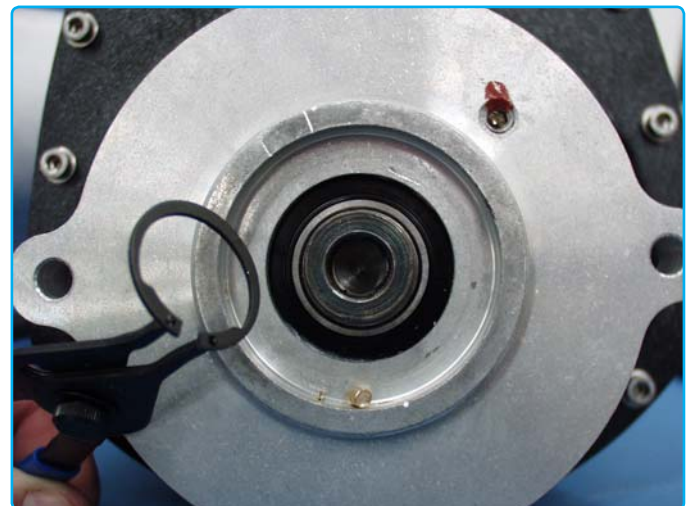


Please read over the owners manuals and familiarize yourself with the product. There is a trouble-shooting section in each manual. This guide is meant to be a supplement to these providing illustrated instructions for more detailed trouble-shooting.

Caution: Always ensure the thruster battery switch is turned off, or the thruster fuse is removed before disconnecting the battery cables and removing the thruster motor from the motor bracket.



- 1)**
Whenever working on thrusters, be sure to shut off battery power to the thruster. Remove 6mm Allen head mounting bolts and lift motor from motor mounting bracket. Special ratcheting tool is available to ease removal of IP version units in tight spaces.



- 2)**
Remove shear pin retaining ring from motor shaft.



3)

Insert new shear pin into motor shaft hole. Insert stepped down end of shear pin first.



4)

Use a pin punch to install pin. The flat end of pin should be recessed slightly such that it will not interfere with the retaining ring.



5)

Install retaining ring such that open portion of the retaining ring coincides with stepped down portion of the shear pin.



6)

Completed shear pin installation. Align pin direction with u-slot in gear leg shaft and replace the motor.

Argentina

Trimer SA
Buenos Aires
Tel: +54 11 4580 0444
Fax: +54 11 4580 0440
www.trimer.com.ar
trimer@trimer.com.ar

Australia

AMI Sales
Freemantle, WA
Tel: +61 89 331 0000
Fax: +61 89 314 2929
ami@amisales.com.au

Austria

G. Ascherl GmbH
Hard, Bregenz
Tel: +43 5574 899000
Fax: +43 5574 89900-10
www.ascherl.at
office@ascherl.at

Benelux

ASA Boot Electro
Watergang
Tel: +31 20 436 9100
Fax: +31 20 436 9109
www.asabootelectro.nl
info@asabootelectro.nl

Brazil

Electra Service Ltda.
Guaraja
Tel: +55 13 3354 3599
Fax: +55 13 3354 3471
www.electraservice.br.com
albertoni@electraservice.com.br

Bulgaria

Yachting BG
Burgas
tel: +359 56 919090
fax: +359 56 919091
www.yachting.bg
info@yachting.bg

Canada

Imtra Corporation
New Bedford, MA
Tel: +1 508 995 7000
Fax: +1 508 998 5359
www.imtra.com
side-power@imtra.com

China/Hong Kong

Storm Force Marine Ltd.
Wanchai, Hong Kong
Tel: +852 2866 0114
Fax: +852 2866 9260
www.stormforcemarine.com
sales@stormforcemarine.com

Croatia

AC Yacht & nautical support
Icici
Tel: +385 51 704 500
Fax: +385 51 704 600
acy@net.hr

Denmark

Gertsen & Olufsen AS
Hørsholm
Tel: +45 4576 3600
Fax: +45 4576 1772
www.gertsen-olufsen.dk
info@gertsen-olufsen.dk

Finland

Nautikulma OY
Turku
Tel: +358 2 2503 444
Fax: +358 2 2518 470
www.nautikulma.fi
nautikulma@nautikulma.fi

France

Kent Marine Equipment
Nantes
Tel: +33 240 921 584
Fax: +33 240 921 316
www.kent-marine.com
contact@kent-marine.com

Germany

Jabsco GmbH
Norderstedt
Tel: +49 40 535 373-0
Fax: +49 40 535 373-11

Greece

Amaltheia Marine
Athens
Tel: +30 210 2588 985
Fax: +30 210 2588 986
www.amaltheiamarine.com
amalmar@otenet.gr

Iceland

Maras EHF
Reykjavik
Tel: +354 555 6444
Fax: +354 565 7230
www.maras.is
gummi@maras.is

India

Indo Marine Engineering Co. Pvt. Ltd
Pune, Maharashtra
Tel: +91 20 2712 3003
Fax: +91 20 2712 2295
siddharth@indogroup-asia.com

Ireland

Sleipner Motor Ltd.
South Brent
Tel: +44 1364 649 400
Fax: +44 1364 649 399
andy@sleipner.co.uk

Israel

Atlantis Marine Ltd.
Tel Aviv
Tel: +972 3 522 7978
Fax: +972 3 523 5150
www.atlantis-marine.com
atlantis@inter.net.il

Italy

Saim S.P.A.
Assago-Milan
Tel: +39 02 4
Fax: +39 02 4
www.saim-gro

Japan

Turtle Marine Inc.
Nagasaki
Tel: +81 95 840 7977
Fax: +81 95 840 7978
www.turtle-marine.com
info@turtle-marine.com

Malta

S & D Yachts Ltd.
Cali
Tel: +356 21 339 908
Fax: +356 21 332 259
www.sdyachts.com
info@sdyachts.com

New Zealand

Advance Trident Ltd.
Auckland
Tel: +64 9 845 5347
Fax: +64 9 415 5348
www.advancetrident.com
service@advancetrident.com

Norway

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

Poland

Taurus Sea Power SP. Z.O.O
Gdansk
Tel: +48 58 344 30 50
Fax: +48 58 341 67 62

Portugal

Krautli Portugal Lda.
Lisboa
Tel: +351 21 953 56 00
Fax: +351 21 953 56 01
www.krautli.com
contact@krautli.pt

Russia

Standarte
Starbeyevo
Tel: +7 495 575 67 23
Fax: +7 495 575 39 77
www.standarte.ru
info@standarte.ru

South Africa

C-Dynamics
Cape Town
Tel: +27 21 555 3232
Fax: +27 21 555 3230
www.c-dynamics.co.za
info@c-dynamics.co.za

Spain

Imnasa Marine Products
Girona
Tel: +34 902 300214
Fax: +34 902 300215
www.imnasa.com
imnasa@imnasa.com

Sweden

Sleipner AB
Strömstad
Tel: +46 526 629 50
Fax: +46 526 152 95
www.sleipnerab.se

Switzerland

Marine Parts Technics AG
Volketswil
Tel: +41 1 997 40 90
Fax: +41 1 997 40 94
www.marineparts.ch
info@marineparts.ch

Singapore

Alquest Marketing
Singapore
Tel: +65 6749 9359
Fax: +65 6749 9360
www.alquest.com.sg
alquest@singnet.com.sg

Singapore/Malaysia/Indonesia/Vietnam/Phillipines

OK-Maritime Pte Ltd
Singapore
Tel: +65 9669 8051
Fax: +65 6769 0507
www.ok-maritime.com
sales@ok-maritime.com

Taiwan

Mercury Marine Supply
Kaohsiung
Tel: +886 7 3317 293
Fax: +886 7 3314 232

Turkey

Denpar Ltd.
Istanbul
Tel: +90 212 285 0334
Fax: +90 212 285 0311
bilgebay@superonline.com

UK

Sleipner Motor Ltd.
South Brent
Tel: +44 1364 649 400
Fax: +44 1364 649 399
andy@sleipner.co.uk

United Arab Emirates

Teignbridge Propellers & Marine
Equipment Co. Ltd.
Dubai
Tel: +971 4 324 0084
Fax: +971 4 324 0153
teignpro@emirates.net.ae

USA

Imtra Corporation
New Bedford, MA
Tel: +1 508 995 7000
Fax: +1 508 998 5359
www.imtra.com
side-power@imtra.com

ALL OTHERS:



Sleipner Motor AS
P.O. Box 519,
N-1612 Fredrikstad, Norway
Tel: +47 69 30 00 60
Fax: +47 69 30 00 70
sidepower@sleipner.no
www.side-power.com