Replacement procedure for Vimex inner tube sensor

The purpose of this installation manual is to provide the descriptions and procedures required to replace the Vimex inner tube sensor in a safe and efficient manner.

Revision status

Revision	Date	Prepared	Checked	Approved
Rev. 01	01.10.2019	ALI	JET	TESA

Document history

Revision	Reason for issue
Rev. 01	First issue.

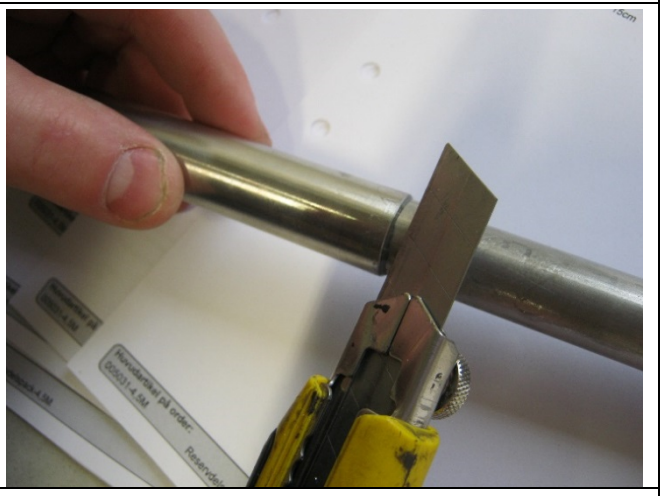
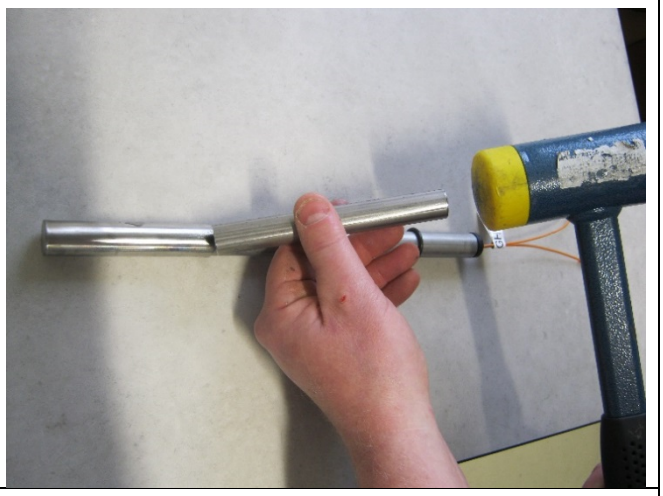
Important

Before using the equipment, read all instructions thoroughly and follow all precautions and warnings contained within this document. Improper use may cause personal injury and/or damage to the equipment, and may void the warranty. Norsk Analyse AS disclaims any responsibility for damage or injury caused by improper installation, use or maintenance of the equipment.

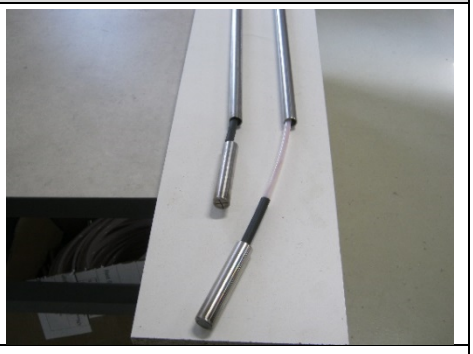
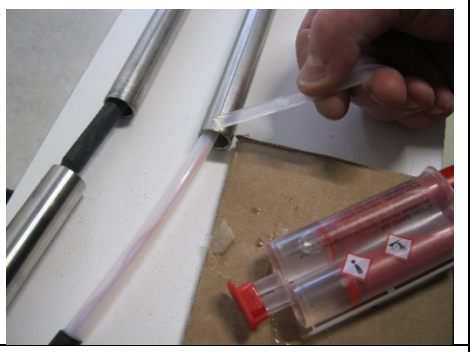
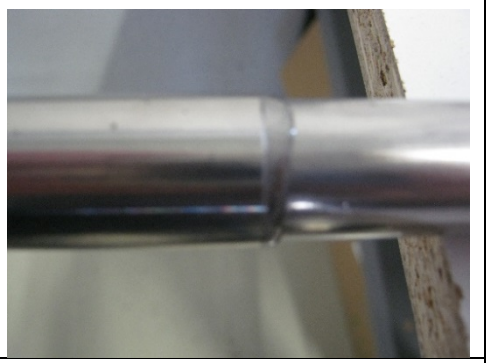
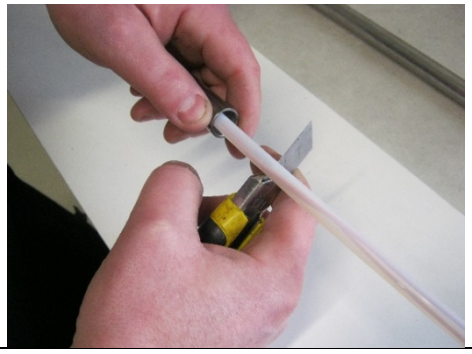
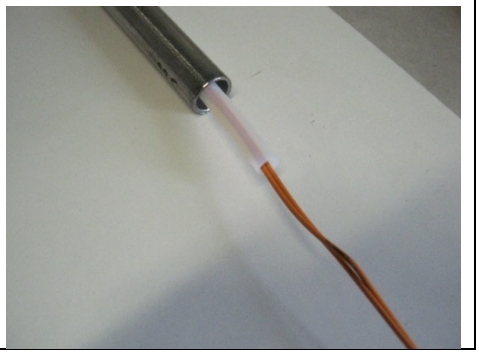
Norsk Analyse AS
P.O. Box 2313, 3103 Tønsberg, Norway
Phone: +47 33 37 51 00
Fax: +47 33 37 51 49
www.norskanalyse.com
norway@norskanalyse.com

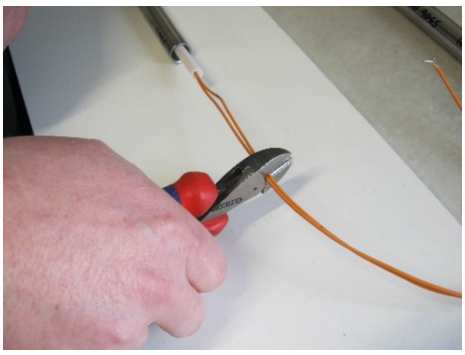
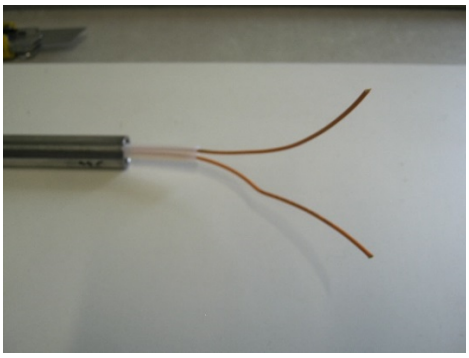
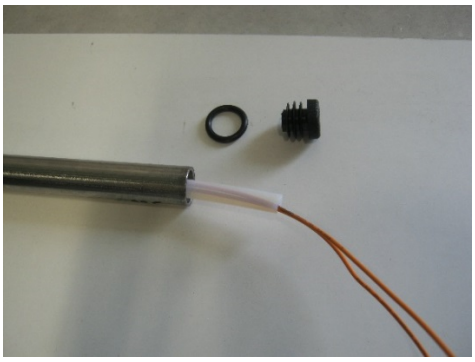
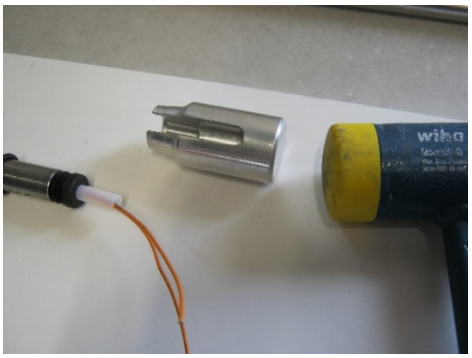
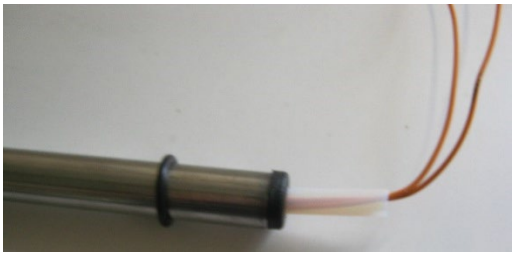
1 Replacement of Vimex inner tube sensor

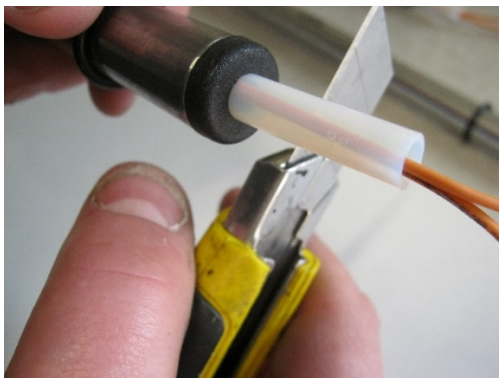
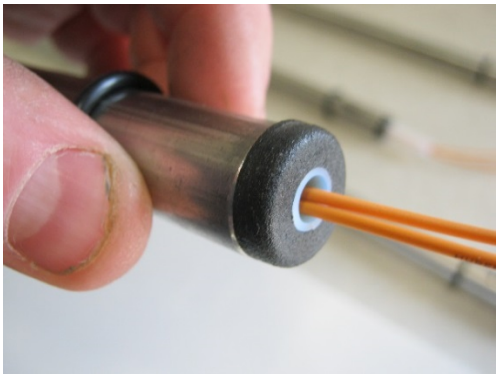
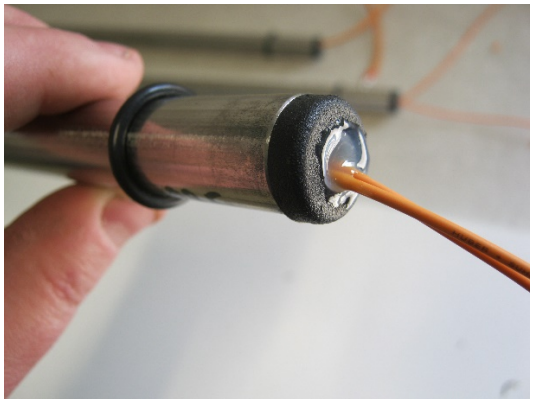
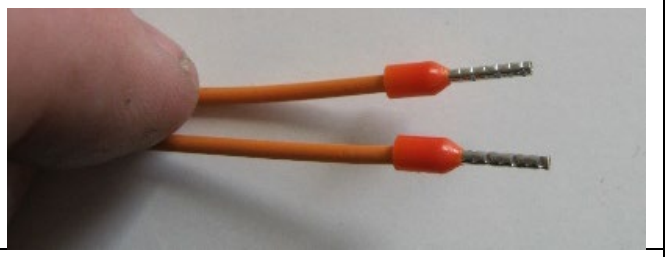
1.1 Removal of old sensor

	Requirement
1)	Remove the inner tube from the level switch
2)	Cut the cables going out of the end cap on top
3)	Remove the end cap on top of the inner tube with a plier.
4)	Remove any visible glue from the inner tube/sensor. 
5)	Use a heat gun to warm up the sensor tip and pull the broken sensor off the inner tube. 
6)	Clean the inner tube for any trace of glue.

1.2 Installation of new sensor

	Requirement
7)	Insert the sensor into the inner tube. 
8)	Add glue to the inner tube in a thin layer surrounding the entire tube (12 mm). 
9)	Insert the new sensor onto the inner tube and wait 15 min for the glue to dry. (Sensor to be inserted approximately 12 mm. Only use rubber hammer gently).  
10)	Cut the PTFE tube 40 mm above the top of the inner tube. (Protective measures must be taken to not damage the cables when you cut the PTFE tube)  

	Requirement
11)	Cut the cables approximately 15cm longer than the inner tube.  
12)	Insert the O-ring and end cap onto the cable and PTFE tubing  
13)	Use the small tube in the kit to hammer the end cap in place (make sure not to damage the cables).  

	Requirement
14)	Cut the remaining PTFE tube so that it is flush mounted with the end cap. (Protective measures must be taken to not damage the cables when you cut the PTFE tube)  
15)	Use glue to create a seal between the end cap and PTFE tube.  
16)	Wait 15-20 min for the glue to dry.
17)	Terminate the cables. 
18)	Install the inner tube in reverse order.