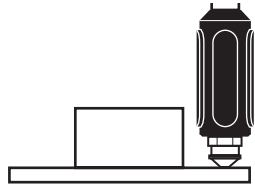
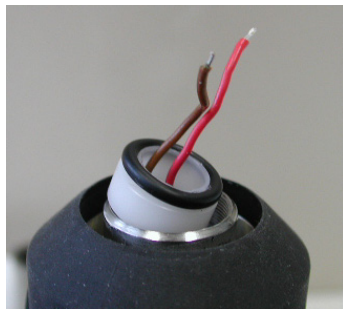


- Remove the VIBCODE from the holder, and lock onto the measurement stud.

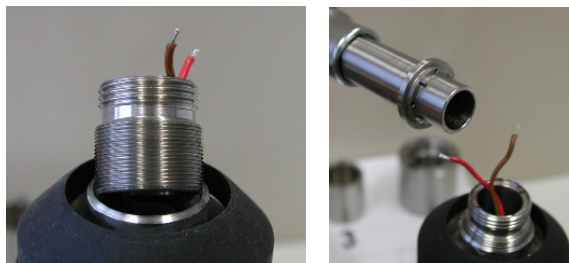
Note: If the VIBCODE cannot be locked on, the bayonet slide lock has not been turned back to the original position (see note under point 3).



- Smear the O ring (e; size 10x2) with silicon grease and place it on the pressure ring (d). Then insert the pressure ring in the card adapter sleeve (c).



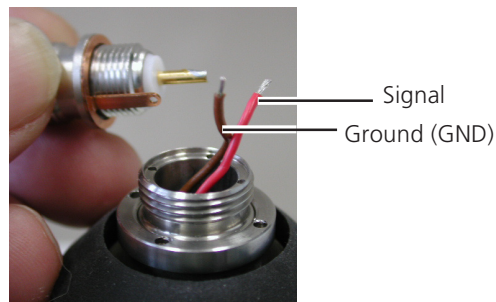
- Screw in the connector socket (f) (socket wrench 2, torque: 6 Nm).



- Screw on the counter nut (g) (socket wrench 3, torque: 7 Nm).



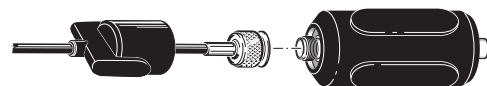
- Put the ground ring (h) on the TNC socket (i), and then solder on both connecting wires (ground ring to GND = brown wire).



- Plug the TNC socket (i) in the connector socket (f), and screw tight with the TNC nut (k) (socket wrench 4, torque 8 Nm).



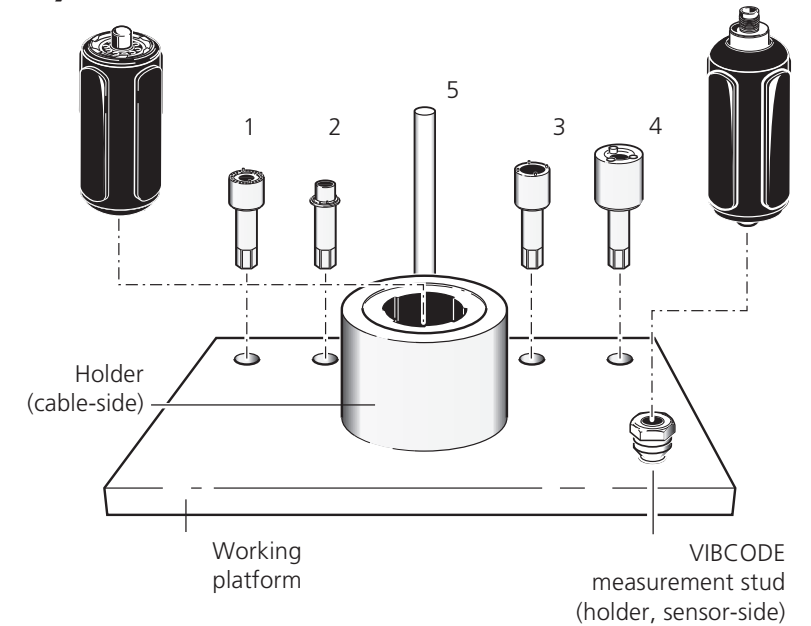
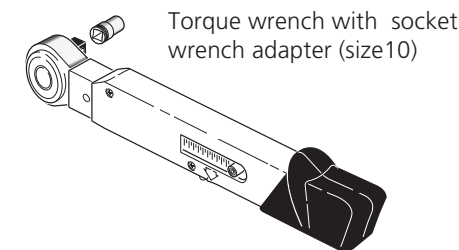
- Connect the device cable and push the sleeve over the TNC connecting plug.



VIBCODE repair instructions

Repair fixture for VIBCODE transducer (VIB 2.680)

- 1: Socket wrench for threaded ring (a)
- 2: Socket wrench for connector socket (f)
- 3: Socket wrench for counter nut (g)
- 4: Socket wrench for TNC nut (k)
- 5: Plastic rod



This fixture is used to replace a defective card adapter sleeve (c) for the VIBCODE transducer. The repair is necessary if, e.g. the vibration sensor is pulled off as a result of too high mechanical load on the coding unit. The holders for the VIBCODE transducer are permanently mounted on the working platform. The socket wrench (1-4) required for

disassembly and assembly as well as a plastic rod (5) for pressing out the card adapter sleeve (c) are located on this platform. A torque wrench and a socket wrench adapter (size 10) is included in the scope of delivery. In addition, a screw clamp, silicon grease, paint brush, and soldering iron are also required.

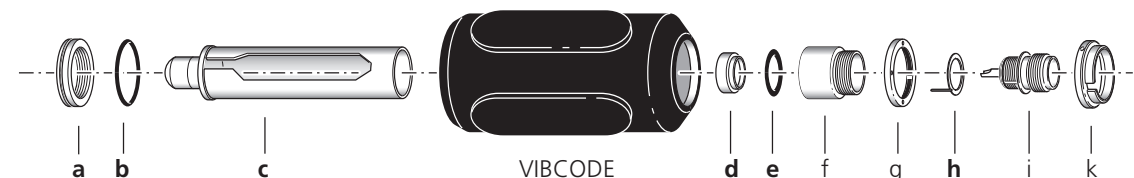
Repair set (VIB 8.662)

The components printed in **bold typeface** are included in the repair set (see figure on page 3) and are replaced:

- a: **Threaded ring**
- b: **O ring 17x0.6**
- c: **Card adapter sleeve**
- d: **Pressure ring**
- e: **O ring 9x2**

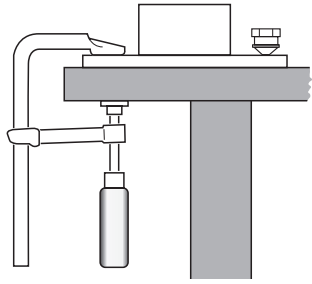
This repair manual applies to VIBCODE transducers without intrinsic safety from serial number 2362 upwards. Defective transducers with intrinsic safety must be returned to the manufacturer.

- f: Connector socket
- g: Counter nut
- h: **Ground ring**
- i: TNC socket
- k: TNC nut

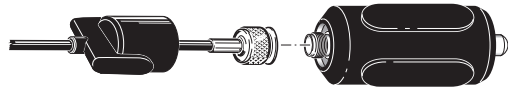


Dismantling

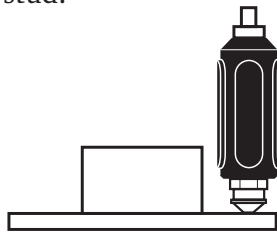
1. Before carrying out the repair, fix the work platform onto a stable surface (table, workbench,...) with a screw clamp.



2. Push back the guard socket on the cable, and unscrew the cable.



3. Lock the VIBCODE onto the measurement stud.



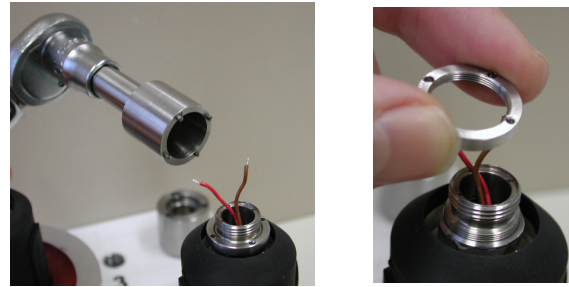
4. Unscrew the TNC nut (k) (socket wrench 4).



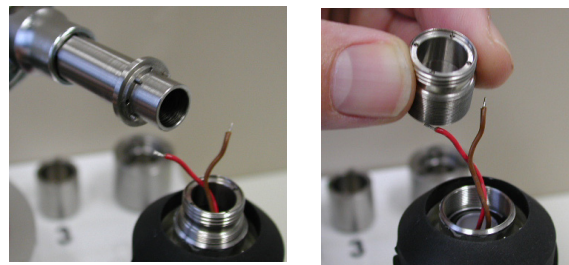
5. Remove the TNC socket (i) and earth ring (h) and desolder the connecting wires.



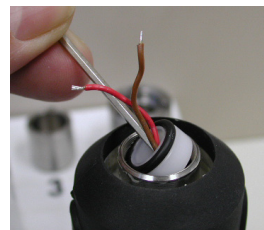
6. Unscrew the counter nut (g) (socket wrench 3).



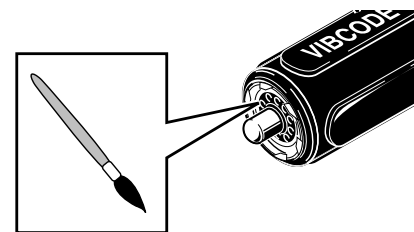
7. Unscrew the connector socket (f) (socket wrench 2).



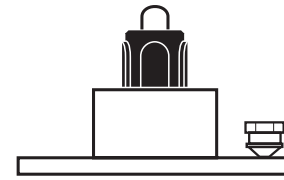
8. Remove the O ring (e) and pressure ring (d) (Allen wrench, tweezers or similar).



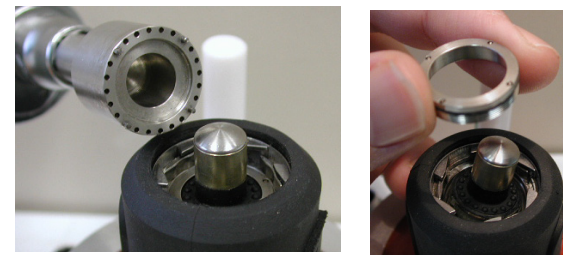
9. Remove the VIBCODE from the holder, and clean the sensor head with soapsuds and a paint brush (follow the cleaning instructions!)



10. Insert VIBCODE in the holder (cable-side): sensor head points upwards.



11. Unscrew threaded ring (a) with socket wrench 1.



12. Take the VIBCODE out of the holder, and push out the defective card adapter sleeve (c) (plastic rod 5).



Please send the defective card adapter sleeve and the replaced parts in the repair set packaging back to:

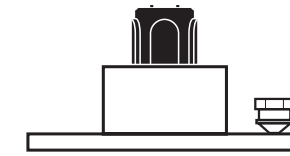
Fluke Deutschland GmbH
85737 Ismaning, Germany



Repair set - VIB 8.662

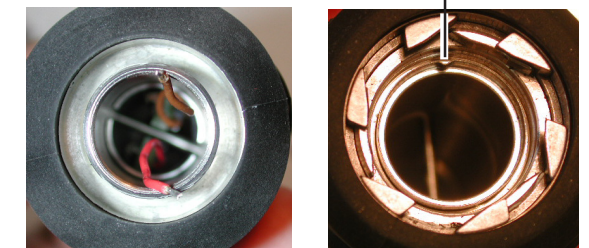
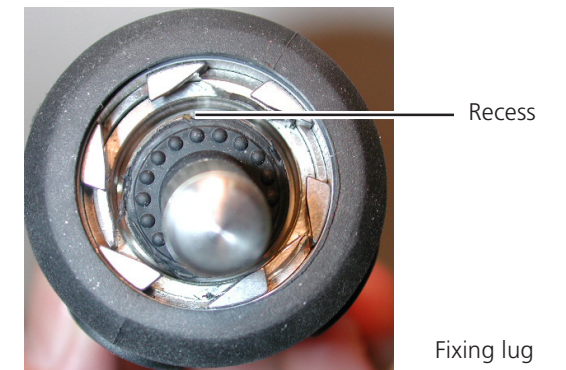
Installation

1. Insert VIBCODE in the holder (cable-side): bayonet slide lock points upwards.



2. Remove the transport lock (O ring) from the new card adapter sleeve (c). Push the adapter sleeve in the VIBCODE and press firmly up to the stop. Make sure that..

... the two connecting wires to the cylindrical pin in the VIBCODE are correctly inserted
... the recess of the coding card and the fixing lug of the inner sleeve line up.



3. Attach the O ring (b; size 17x0.6) to the new threaded ring (a). Then screw the threaded ring tight (socket wrench 1, torque: 5 Nm).

Note: The bayonet slide lock rotates when tightening. Turn it back with the socket wrench 1.

