4. 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).

5. 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).

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

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

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

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

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

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.
**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

**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.