



K-RZC1

VAL / SKC

TDC SENSOR CABLE FOR RGP42CD

ROTOR, OUTER PART

DESCRIPTION

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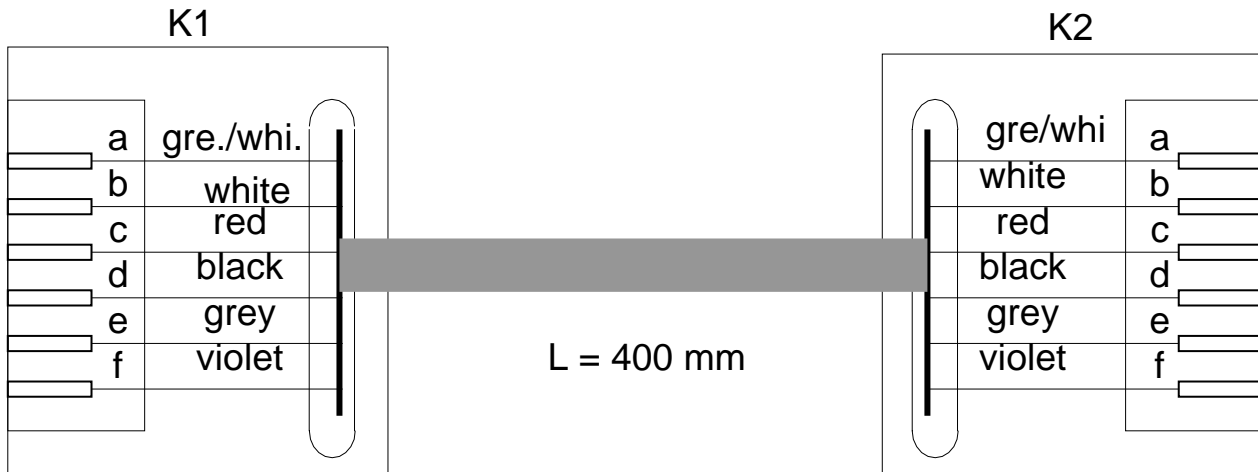
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1. GENERAL

The cable K-RZC1 is used as the outer cable in the rotor when the CD-holder is used in the RGP-42CD/DD refiner. It is connected between the TDC sensor and the inner rotor cable, K-RZC2.

2. CONNECTION DRAWING



3. MOUNTING INSTRUCTION

- Please read this instruction completely before you start the mounting procedure.
- The cable is pulled from the sensor position towards the center of the shaft. The connector at the sensor position is connected upon delivery, but the connector at the shaft centre must be connected at the assembly. A soldering tool is needed.
- Pull the cable and the flexible metal tube from the sensor side until the unconnected end is well outside the hole towards the centre.
- Mount the nipple on the flexible metal tube into the threads in the segment holder.
- Cut the cable approx. 100 mm from the edge of the metal tube. Unwrap the braiding until the edge of the tube and place it along the tube.
- Mount the connector holder (RZ-CDKH) acc. to figure on next page.
- Cut the cable 40 mm from the edge of the tube. Remove the plastic foil, move the wires apart.
- Cut the grey core in the centre and strip the wires 4 mm with a NO-NIK-CUTTER-0.25 or corresponding tool.
- Solder the wires into the 6-pole connector:
D=BLACK C=RED E=GREY B=WHITE F=VIOLET A=GREEN/WHITE.
- Move the connector holder along the metal tube to the contact. Mount the connector with 4 pcs M3 screws.
- Place the unwrapped braiding evenly along the other short end of the connector holder and mount 2 pcs of the locking washers, RZ-CDLB. Use the supplied 4 pcs M2.5 screws. The purpose is to lock the braiding from being pulled axially toward the periphery when rotated.
- Mount the connector holder and the cable into the segment holder.
- Check the connections of the cable with the sensor attached:
A-B= 1-3 ohm A-C >> 100 kohm D-C= 2-4 ohm
E-C= 105-125 ohm F-C= 2-4 ohm C-CHASSIS>>100kohm

4. ASSEMBLY DRAWING

