

CHANGING THE CRYSTAL SENSOR

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To replace crystals, following the instructions below:

1. Grip the back part of the sensor with your fingers and pull it straight out to separate it from the water-cooled front part.

NOTE: You may have to disconnect the sensor cable in order to separate the parts.

2. Pull the crystal holder straight out from the back of the sensor.
3. Remove the ceramic retainer from the crystal holders by pulling it straight out with the crystal snatcher (see instructions below).
4. Turn the crystal holder upside down so that the crystal drops out.
5. Drop a new crystal into the crystal holder with the patterned electrode facing the back and contacting the leaf springs on the ceramic retainer.
6. Put the ceramic retainer back into the crystal holder and put the holder into the front cover of the sensor.
7. Align the position of the back part so that the connector matches with the notch on the front of the sensor. Snap the two parts together.
8. Reconnect the sensor cable if it has been disconnect.

To use the crystal snatcher, follow the instructions below:

1. Insert crystal snatcher into ceramic retainer (1) and apply a small amount of pressure. This locks the retainer to the snatcher and allows the retainer to be pulled straight out (2).
2. Re-insert the retainer into the holder after the crystal has been changed.
3. Release the crystal snatcher with a slight side-to-side motion.