



## Grounding cable for electronic module of Rotax Engine Series Type 912UL

### 1) Repeating symbols:

Please, pay attention to the following symbols throughout the service info. emphasizing particular information.

▲ **WARNING:** Identifies an instruction, which if not followed, may cause serious injury or even death.

■ **ATTENTION:** Denotes an instruction which if not followed, may severely damage the engine or other components.

◆ **NOTE:** Information useful for better handling.

### 2) Subject:

Inspection of electronic module on engine series 912 UL. Specifically, review cable lug connection onto grounding cable.

### 3) Reason:

Production machinery problems may have caused inadequate cable assembly on electronic module, part no. 965 356.

In some cases the cable lug ① was not fitted tightly enough onto the grounding cable ②, resulting in poor grounding, and possibly leading to engine stoppage or misfiring.

### 4) Engines affected:

All engines of Type 912 UL from engine serial no. 4,005.300 + 4,005.500 and 4,152.001 + 4,152.800 since introduction of the SMD-ignition unit.

### 5) Compliance:

For all the engines affected as well as all the electronic modules supplied in this period and kept in stock at our distributors, corrective measures must be taken **before the next flight** or at least by **31<sup>st</sup> December, 1994**.

### 6) Remedy:

To guarantee the sufficient crimping ③ of the cable lug a pull-off test with 50 N has to be conducted.

◆ **NOTE:** The specified extraction force is 100 + 200 N.

At occurrence of an inadequate connection, correct by crimping on new cable lug, part no. 964 056 and test with 50 N.

Apply Lithium grease on cable lug. Connect both grounding cables ② on lug ④ of the right intake manifold and conduct testrun and ignition check.

### 7) Accomplishment:

The necessary measures to be taken and confirmed by the producer or by persons authorized by the Aviation Authorities.

▲ **WARNING:** Failure to comply with this recommendation could result in engine damage and personal injury!

