

**Grounding cable for electronic module of
ROTAX Engine Series Type 912 A**

Mandatory

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

Engines affected: All engines of Type 912 A, from engine serial no. 4,076.062 ÷ 4,076.220 since introduction of the SMD-ignition unit.

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.

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** at least by **31st December, 1994**.

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

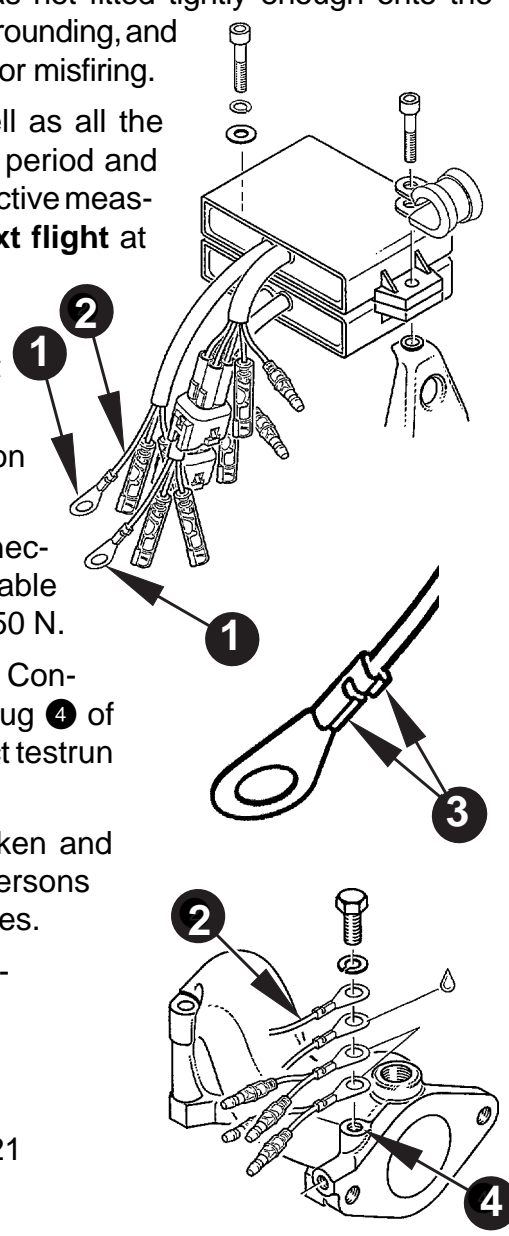
◆ **NOTE:** The specified extraction force is 100 ÷ 200 N.

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.

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

Approval: The technical content of this Technical Bulletin has been approved by ACG on 28. November 1994



Gunskirchen, 1994 11 21