

TEMPORARY REVISION

OHM-TR-MDC-E4-369

General Amendments

This Temporary Revision OHM-TR-MDC-E4-369 is approved in conjunction with the Design Change Advisory MDC-E4-369 and is valid in conjunction with the latest revision of the Overhaul Manual (OHM) until this Temporary Revision has been incorporated into the OHM.

The limitations and information contained herein either supplement or, in the case of conflict, override those in the OHM.

The technical information contained in this document has been approved under the authority of DOA ref. EASA.21J.0399.

Doc. Nr.	Affected Section(s)	Affected Page(s)s
E4.12.01	4 6	5a 10a, 13a, 16a, 22a, 26a, 29a, 37a, 62a, 69a, 73a, 76a, 79a, 82a, 84a, 86a, 89a, 92a, 94a, 98a, 101a, 104a, 108a

Instruction:

- Print this document on yellow paper (single-sided)
- Insert this cover page as the first page of the OHM
- Insert the other pages of this Temporary Revision adjacent to or in front of the corresponding OHM pages

4. General Procedures

4.5 Store for Re-assembly

4.5.2 Pre-Lubrication of Parts

Following text is added:

For approved engine oils refer for model E4 to Operation Manual E4.01.01 and for model E4P to Operation Manual E4.01.02.

6. Attached Parts

6.3 Two Mass Flywheel

6.3.4 Repair or Replacement

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.4 Starter**6.4.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.5 Oil Return Line**6.5.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.8 Exhaust Manifold**6.8.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.10 Oil Separator Return Line**6.10.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.11 Injector Cover**6.11.4 Repair or Replacement**

The following text in the existing table is removed:

Type of damage	Procedure
Scratches or damage of the heat cover or fire resistant painting.	Remove adhesive heat cover. Remove painting by sandblasting the surface. Repaint with paint according to Diamond Aircraft Specification DPS 0.09.014 Chapter 1: heat resistant paint N56582/T.508 (white), top coat 4232-0303 (clear). Apply adhesive heat cover - Heat G 50100 Fix cover edges with aluminium tape 3M 363 or 425. Alternative procedure: Contact Austro Engine GmbH .

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.12 Wiring Harness E4*-95-000-000**6.12.4 Inspection of Roundit**

The following text is amended to read:

In case of severe damage (e.g. Roundit damaged several times or over a non-acceptable area) replace the wiring harness.

6.12.10 Marking of Tested Engine Harness

Following text is removed:

If the overhaul is not processed by ~~Austro Engine GmbH~~ the wiring harness has to be exchanged and sent to ~~Austro Engine GmbH~~.

6.15 Housing for Camshaft Sensor CAS 2

6.15.4 Repair or Replacement

The text in the existing table is removed:

Type of damage	Procedure
Traces of wear at the sensor surface.	Replace sensor and conduct root cause analysis by the following: Investigate the position of the shaft coupling in the housing. The rotation of the coupling must be smooth. Investigate the pick-up tooth of the coupling and the sensor cover plate for corresponding traces of wear. In case of present traces contact Austro Engine GmbH.

The existing text is changed as follows:

-  If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.16 Belt Drive**6.16.4 Repair or Replacement of Belt tensioner and Pulleys**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.17 Alternator**6.17.5 Repair or Replacement of Alternator**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.19 Alternator Regulator**6.19.4 Repair or Replacement of Alternator Regulator**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.20 Closing Cover EGR top**6.20.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.21 Closing Cover EGR bottom**6.21.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.22 Cover**6.22.4 Repair or Replacement**

The existing table is amended to read:

Type of damage	Procedure
Visible scratches.	Replace components.

The existing text is changed as follows:

-  If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.23 Closing Cover EGR top**6.23.4 Repair or Replacement**

The existing table is amended to read:

Type of damage	Procedure
Visible damage or deformation of the housing.	Replace intake manifold.
Visible cracks.	Replace intake manifold.
Thread damaged.	Replace intake manifold.
Sealing surface has scratches or dents.	Replace intake manifold.

The existing text is changed as follows:

-  If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.24 Drain Line**6.24.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.25 Oil Filter Housing**6.25.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.26 Glow Plug Control**6.26.4 Repair or Replacement**

The existing table is amended to read:

Type of damage	Procedure
Visible damage of the GPC box caused by heat impact.	Replace components.

The existing text is changed as follows:

-  If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.27 Oil Sump**6.27.4 Repair or Replacement**

The existing table is amended to read:

Type of damage	Procedure
Visible damage of components.	Replace components.

The existing text is changed as follows:

-  If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.28 Oil Intake Pipe**6.28.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.

6.29 Oil deflector**6.29.4 Repair or Replacement**

The existing text is changed as follows:



If the present damage is not listed ~~Austro Engine needs to be contacted for further instructions~~ replace component.