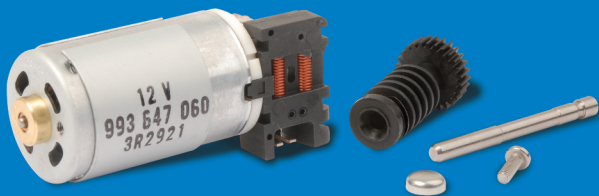


# MELETT ELECTRONIC ACTUATOR REPAIR KITS NOW AVAILABLE

**Why choose Melett actuator repair kits?** Developed using OE quality components, the repair kits provide a cost-effective yet quality alternative to an actuator gearbox assembly.

**1850-300-750** - Suitable for all variants of the Garrett/Hella electronic actuators



**Kit includes:**

- The original motor & motor choke assembly - Melett's assembly is spot welded to prevent vibration or temperature failure
- Plastic worm gear - manufactured from the same high quality plastic used in the original gearbox (imported and only available from Germany)
- Motor screw cap & motor screw
- Worm gear spacers
- Worm gear axle

**1851-300-750** - Suitable for 49335-001\*\*/5\*\*/6\*\* Mid connector MHI/Hella electronic actuators



**Kit includes:**

- Motor & motor gear
- Brass worm gear – with improved design, making it more resistant to wear
- Worm gear spacers
- Worm gear shaft
- Front and rear motor brackets

**Factors to consider**

- Generally, electronic actuators fail when the VNT mechanism seizes due to carbon build up in the VNT;
- This overloads the motor and worm gear;
- This increased load can cause the motor to burn out due to power overload and can also lead to worm gear failure;
- Due to the nature of electronic components, it can often be difficult to determine the condition of the motor and worm gear individually - they could both be close to failure;
- The CIPOS gear, which is welded to the actuator lever arm, tends to fail less and therefore a repair using a Melett kit is possible.

For a 100% quality repair Melett continues to recommend replacing the complete gearbox, however, we do recognise there is a need for a more cost-effective quality repair solution. If you are going to repair the actuator, we strongly recommend you replace the whole motor assembly and worm gear together to avoid premature failure.



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