Additional Secure of Motor Screws on Electric Motor P-820-( )

Required Material:
- Loctite 638, or similar
- Set of multitooth bits (TX10/ TX15/ TX20)

Reason:
To avoid loosening of the motor assembly screws, the two main motor screws are installed with Loctite 638 additionally.

Required Action:

1) Mark parts for reassembly

2) Unscrew the 4 screws of the gearbox, if necessary, heat the area with a heat gun

3) Pull off carefully gearbox from motor

Check/Approved by MPL

Martin Albrecht
Date: August 04, 2015

Issued by:

Frank Grum
Date: August 04, 2015
This technical information has been approved according the procedures established for the EASA-certified Design Organization No.: EASA.21J.020

4) remove spacer between gearbox and motor

5) unscrew the two cover screws of the motor

6) remove cover of motor

7) loose only one screw at the time!

8) put Loctite in the threaded hole, not on

9) tighten this screw by hand only
10) repeat this now with the second screw

11) check, if both screws were secured

12) put the cover on the motor

13) secure the two screws with Loctite and bolt on the screws (hand tighten)

14) Put the spacer centric on

15) Reassemble motor and gearbox carefully
16) Notice orientation of holes!

17) Secure and bolt on the screws (hand tighten) with Loctite

18) Electric motor is ready for use