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Instructions for grounding of non-insulated electrically controlled governor

Type Affected: P-853-16, P-877-16 (Electr. contr. governors with non-insulated head)

Reason: In case a noisy min rpm signal is found even the bigger fixed roller is already installed. To avoid failure message during FADEC self-test.

Parts Needed: See Figure 1.

Designation	Part Number
Screw, grounding with spring	220-0144-5-2
Nut	DIN439B-M5-A2
Connection cable	220-0394-1
Cover	220-0090-5

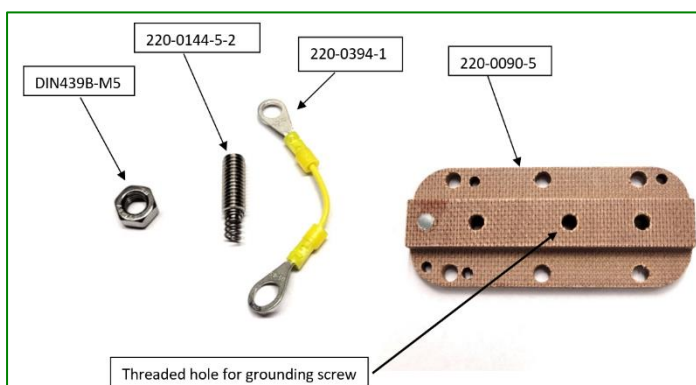


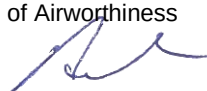
Figure 1

Accomplishment: Proceed the following steps during repair or overhaul.

1. Remove cover 220-0090-5 (item 6.10) acc. to Overhaul Manual E-1049 (chapter 6.3).
2. If the cover doesn't have threaded hole for the grounding screw (see fig. 2), exchange it by cover with the threaded hole. Optional drill a thread 10-32UNF according to fig.3

NOTE: RETURN THE COVER WITHOUT THREADED HOLE TO MT-PROPELLER FOR MODIFICATION.

(To be continued on next page)

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Accomplishment: (continued)

3. Install the screw with spring 220-0144-5-2 in the hole for the grounding screw (fig. 2).
4. The screw should be approx. 5.5 mm (0.217 inch) below the bottom of the cover (fig. 4), to ensure the spring makes contact with the lever.
5. Assemble the cover to control head, see fig. 6.
6. Install larger eye of the cable to the grounding screw and tighten with DIN439B-M5-A2 nut.
7. Install the smaller eye of the cable below the screw 6.24 that is used for grounding (fig. 5).
8. Fix the wiring in place acc. to manual E-1049 (chapter 11.3).

(Figures on next page)

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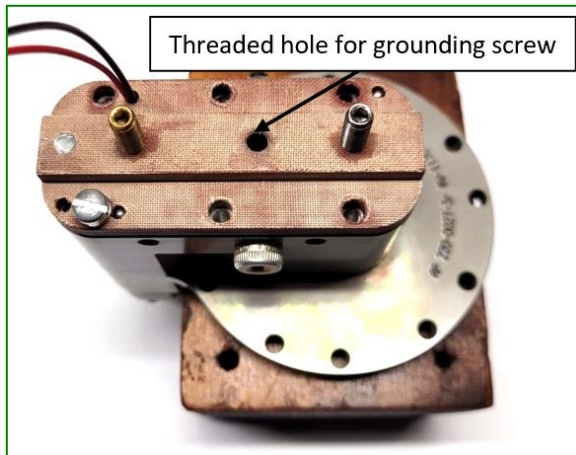


Fig. 2

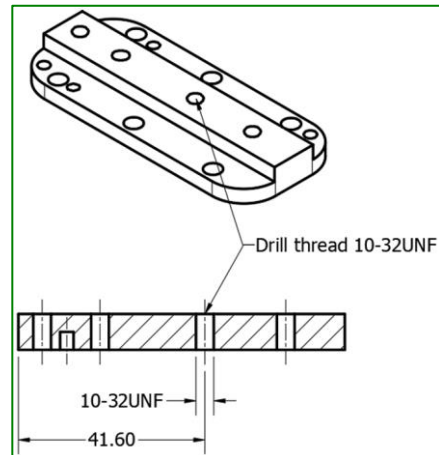


Fig. 3

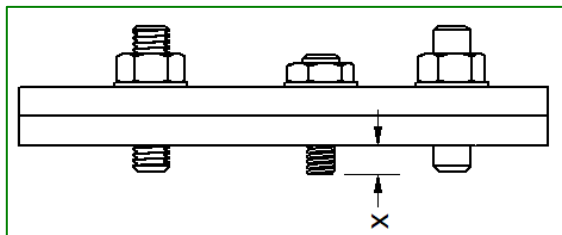


Fig. 4



Fig. 5

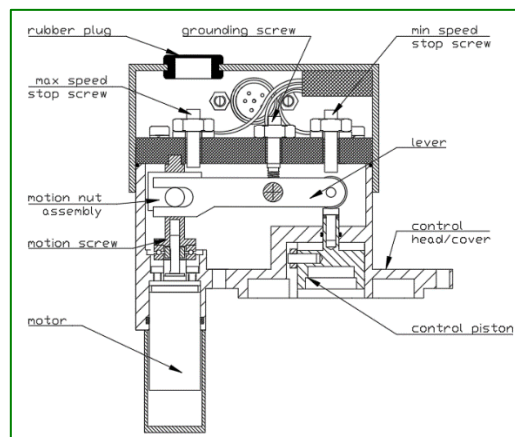


Fig. 6



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Further Information: Overhaul Manual E-1049

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