

TOTAL PERFORMANCE VAN'S AIRCRAFT

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REASON FOR REVISION:

To improve engine sensor performance by improving grounding connections and to remove unnecessary step on Page 45A-05 that modifies grommet.

ASTM compliance testing (see test flight RV-12 10-22-15-1) and general flight of N412RV during 2015 has shown that the cooling shroud is not required. Removing the shroud from the kit not only saves cost but also eliminates the requirement to remove many components from the top of the engine to facilitate installation of the shroud.

REVISION DESCRIPTION:

Page 46-01 Rev 6: Remove depiction of the FF-1207 Cooling Shroud

Remove WD-1220 call-out and also Rotax oil pressure sensor cable call-out. Neither are shown in current figure.

Page 46-02 Rev 2: Remove Step 7 and the caution statement below Step 7. Remove Figure 5. Renumber steps and figures.

Page 46-03 Rev 2: Remove Step 6, Note before Step 6, the warning statement after Step 6 & Figure 5.

Page 46-04 Rev 1: Remove all page items except Step 4 and Figures 4-6. Rename Step 4 as Step 1 and renumber the figures and figure references.

Page 46-05 Rev 1: Remove all page items except Step 3, Figure 5, Step 4 and Figure 6. Move Step 3, Step 4, Figure 5 and Figure 6 to the previous page and renumber as required.

In Step 3 the words "First hook the upper right..." should be "Move the ignition module up and away from the engine then hook the upper right..."

Add a new Step 8 "Re-install the hardware removed on Page 2 Step 4.

Repaginate all remaining pages.

Page 46-06 Memo: Repaginated

Page 46-07 Rev 1: Remove all contents of this page.

Repaginate all remaining pages.

Page 46-08 Rev 4: Remove Step 2, Figure 2, Step 3, Step 4 and Figure 3. Renumber the remaining Steps and Figures

Page 46-09 Rev 4: In Step 4 the text "Place a 1/4 inch tall dollop of fuel tank sealant (G)..." should be "Place a dollop of fuel tank sealant (G) tall enough to bridge between the drip pan and the bottom of the carburetor..."

Fix text behind Figure 4.

Page 46-10 Memo: Repaginated

Page 46-11 Memo: Repaginated

Page 46-12 Memo: Repaginated

Page 46-13 Memo: Repaginated

Page 46-14 Memo: Repaginated

Page 46-15 Memo: Repaginated

Page 46-16 REV 3: Add a note to the page that warns the customer "NOTE: A proper ground connection between the airframe and the engine is essential to proper function of sensors mounted to the engine."

Page 46-17 Memo: Repaginated

Page 46-18 Memo: Repaginated

Page 46-19 Memo: Repaginated

Page 46-20 Memo: Repaginated

Page 46-21 Memo: Repaginated

Page 46-22 Memo: Repaginated

Page 46-23 Memo: Deleted

Page 46-24 Memo: Deleted