

TOTAL PERFORMANCE **VAN'S AIRCRAFT**

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Service Letters and Bulletins: www.vansaircraft.com/public/service.htm

NOTIFICATION 16-09-21

Date Released: September 21, 2016

Date Effective: September 21, 2016

Subject: WD-1230 Nose Fork upgrade

Affected Models: All RV-12 Models

Required Action: Optional upgrade of RV-12 Nose Fork

Time of Compliance: Optional unless cracks are found in WD-1230 Nose Fork, as per [Service Bulletin 16-05-23](#)

Supersedes Notice: N/A

Labor Required / SLSA Warranty Allowance: Nose Fork conversion 1.5 hours, Nose Wheel Fairing conversion 3 hours, 4.5 hours total / N/A

Level of Certification: E-LSA - Owner, LSR-I, A&P
S-LSA - LSR-M, A&P

Synopsis:

Replace the WD-1230 Nose Fork and associated hardware with the WD-01230-1 Nose Fork and associated hardware. If the Optional Wheel Fairings are installed, the Nose Wheel Fairing Conversion kit must also be installed.

Method of Compliance:

Step 1: Download the latest versions of the RV-12 KAI Section 35 & Section 36 from the RV-12 Service Information page of the Van's Aircraft website.

Step 2: Remove the Nose Wheel Fairing if applicable.

Step 3: Remove the WD-1230 Nose Fork and associated hardware per KAI Section 35.

Step 4: Install the WD-01230-1 Nose Fork and associated hardware per KAI Section 35.

Step 5: Install the revised Nose Wheel Fairing Attach Brackets per KAI Section 36 if applicable.

Step 6: In the RV-12 POH "YOUR AIRPLANE" table, recalculate and enter new values for the Empty Weight, Empty Moment, and Empty Arm using the following correction factor:

Weight Added:	1.36 lb
Arm:	22.84 in
Moment:	31.06 in-lbs

Step 7: Make an entry, as calculated in the previous step, on the WEIGHT AND BALANCE RECORD page of the RV-12 Maintenance Manual as follows:

As of this date; ___/___/___ the following values represent current Weight and Balance calculations resulting from the installation of Nose Fork WD-01230-1 per Notification 16-09-21.

Revised Empty Weight: _____ lbs
Revised Empty Moment: _____ in-lbs
Revised Empty Arm: _____ in

Signed: _____

Step 8: Place a copy of this notification in the back of the Maintenance Manual for your aircraft.

Step 9: Note the addition of this notification to the bottom of the Maintenance Manual table of contents.

Step 10: Make an airframe logbook entry indicating compliance with Notification 16-09-21.

PART NUMBERS:

12 NOSE FORK CONVERSION

12 NOSE WHEEL FAIRING CONVERSION