

Service Bulletin #1: Winwood DeeDee Air Fork Safety Upgrade

The following instructions are for upgrading the Winwood DeeDee 29" air-sprung fork with additional safety features. The features reduce the chance of accident or fork failure due to the unthreading of the air cartridge or bottoming of fork components onto the bicycle tire. All forks purchased before 9/10/2004 require these upgrades. The bicycle retailer where the fork was originally purchased should perform the upgrade. If you purchased your fork from an online or mail order retailer, return the fork to the retailer or contact Winwood directly to find a qualified shop in your area. DeeDee coil-sprung forks do not require these upgrades.

READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE PERFORMING THIS UPGRADE. IF YOU HAVE ANY QUESTIONS PLEASE CONTACT WINWOOD.

Required parts:

- Compression rod bushing
- C-clip
- 70mm bottom-out bumper

Required tools:

- 1 1/8" socket or wrench
- 5mm Allen wrench
- snap ring pliers
- Loctite 243 (recommended) or 242
- acetone or similar solvent/cleaner
- torque wrench

Procedure

- 1) Fork does not need to be removed from bike for this procedure.
- 2) If a linear pull brake is installed, loosen the cable anchor nut and remove cable. If disc brake is installed, remove caliper from fork leg.
- 3) Remove the M6 Allen bolts from the bottom of each fork leg using 5mm wrench.
- 4) Pull carbon fiber lowers off of stanchions.
- 5) Remove the air spring cartridge from the left leg using the 1 1/8" wrench.
- 6) Remove bottom-out bumper from the air spring compression rod.
- 7) Insert compression rod bushing into bottom of left fork stanchion. Install the c-clip with snap-ring pliers to hold bushing in place.
- 8) Clean threads on air cartridge and fork crown with acetone or similar solvent. Allow to air dry for 1-2 minutes.
- 9) Apply Loctite to air cartridge threads

- 10) Thread cartridge into fork crown. Torque to 16-20 Nm (144-180 in-lb) using a torque wrench.
- 11) Double check tightness of damper cartridge. It should also be tightened to 16-20 Nm (144-180 in-lb)
- 12) Install new bottom-out bumper (70mm in length) onto compression rod.
- 13) Slide carbon-fiber lowers onto fork stanchions.
- 14) Install and tighten M6 bolts into bottom of each fork leg. Torque each bolt to 13.5 Nm (120 in-lb).
- 15) If necessary, reinstall brake components as per the brake manufacturers' instructions.