

Instructions



040-1719-00 & 045-0291-00

AFG3000 Series Grounding Post Extender

www.tektronix.com



075-0923-02

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Kit Description

This kit provides parts and instructions to update the Tektronix AFG3000 Series Arbitrary/Function Generators with a grounding post extender. The extender prevents certain improper use of the rear-panel grounding post that could potentially expose the user to hazardous voltages.



WARNING: *To avoid a possible risk of serious injury, do not remove the grounding post extender once it is installed on your instrument. For more information, refer to the enclosed letter.*

Affected Products

If you have an affected product (serial numbers listed below), and the grounding post on the rear panel is almost flush with the case, you must install this kit.

<u>Product Names</u>	<u>Serial number starts with:</u>
AFG3021, AFG3022	C01
AFG3101, AFG3102	C01
AFG3251, AFG3252	C01

If the rear-panel grounding post extends approximately 12 mm (0.5 in) beyond the case, as shown in the following illustration, this kit has already been installed.



Tools

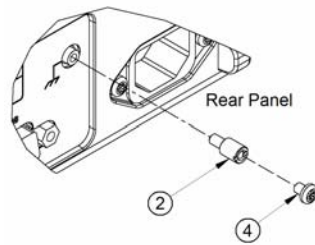
- Standard flat-blade screwdriver (1)
- Phillips head screwdriver (1)
- Torque tool with flat-blade screwdriver bit (optional)

Kit Parts List

Quantity	Part number	Description
1	129-1639-00	Grounding post extender (spacer post)
1	211-1234-00	Screw, Phillips, 6-32 X 0.188; 4.8 mm (3/16") long
1	075-0923-02	Kit instructions, AFG3000 Series Grounding Post Extender

Installation

1. Disconnect the power source from the AFG3000 Series generator.
2. Insert the grounding post extender (Tektronix part number 129-1639-00) into the rear-panel grounding post, as shown in the following illustration. Turn the extender finger tight.



3. Use the flat-blade screwdriver to turn the extender approximately ¼ turn past finger tight, or use a calibrated torque tool with a flat-blade screwdriver bit to torque the extender to 10 in-lb (11.5 kilogram-centimeter).
4. Use a Phillips screwdriver to install the screw (Tektronix part number 211-1234-00) in the grounding post. Do not overtighten the screw.
5. Go to www.tek.com/safety/afg3000/registration or contact your nearest Tektronix service center and inform us that you updated your product.



WARNING: *For protection from electrical shock, always operate the instrument with reliable earth ground, usually through a three-contact power cord ground. If only a two-contact electrical output is available, connect the instrument chassis to earth ground using a grounding wire with a lug that is tightened to the grounding post extender with the provided screw.*
