



**AWG701BUP and  
AWG702BUP  
Option SSD  
AWG70000B Series Upgrades  
Instructions**

[www.tek.com](http://www.tek.com)



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- In North America, call 1-800-833-9200.
- Worldwide, visit [www.tek.com](http://www.tek.com) to find contacts in your area.

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## Service safety summary

Only qualified personnel should perform service procedures. Read this *Service safety summary* before performing any service procedures.

**Do not service alone.** Do not perform internal service or adjustments of this product unless another person capable of rendering first aid and resuscitation is present.

**Disconnect power.** To avoid electric shock, switch off the instrument power, then disconnect the power cord from the mains power.

**Use care when servicing with power on.** Dangerous voltages or currents may exist in this product. Disconnect power, remove battery (if applicable), and disconnect test leads before removing protective panels, soldering, or replacing components.

To avoid electric shock, do not touch exposed connections.



# Upgrade kit overview

This document provides instructions for to install the solid state drive on the following Tektronix products:

- AWG70001B Arbitrary Waveform Generators
- AWG70002B Arbitrary Waveform Generators

For a list of available options, see the Tektronix website ([www.tek.com](http://www.tek.com)) or your Tektronix representative.

## Kit parts lists

### AWG701BUP SSD and AWG702BUP SSD

This upgrade provides a preprogrammed solid state drive to use as either a secondary hard drive or as a replacement for a failed hard drive.

The kit contains the following items:

<b>Tektronix part number</b>	<b>Qty.</b>	<b>Description</b>
850-0365-XX <sup>1</sup>	1	HARD DRIVE, PROGRAMMED; SOLID STATE DRIVE PROGRAMMED W/ OS & APP SW Contains the Windows Operating System and the current instrument application software.
211-1081-XX <sup>1</sup>	4	SCREW, MACHINE; M3 X 0.5 X 3.5MM, FLAT WAFER HD W/SERRATIONS STRESS RELIEVED, PHL, ZINC PLATED STEEL
335-2612-XX <sup>1</sup>	1	MARKER, IDENT; HD ADAPTER (SLED); SAFETY CONTROLLED
407-5641-XX <sup>1</sup>	1	ASSEMBLY, SLED, HARD DRIVE MOUNT (REMOVABLE)
211-0105-XX	2	SCREW, MACHINE; 4-40 X 0.188, FLH, 100 DEG, ZINC PLATED STEEL, T8
348-2012-XX	1	GASKET, HARD DRIVE, SLED
407-5592-XX	1	BRACKET, HARD DRIVE, FRONT COVER
407-5593-XX	1	BRACKET, HARD DRIVE, SLED
075-1105-XX	1	MANUAL, KIT INSTRUCTIONS

<sup>1</sup> The hard drive and the mechanical sled components are pre-assembled.

# Upgrade kit installation

Refer to the one (or more) of the following installation sections pertaining to the upgrade(s) you are installing.

## Minimum tool and equipment list

No special tools are required to install any of the upgrade kits covered by these installation instructions.

## AWG701BUP and AWG702BUP SSD installation

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**NOTE.** Before installing the new hard drive, use an external backup device to back up any files on your instrument for use on the new hard drive.

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Install the hard drive using the following procedure:

1. Power off the instrument.
2. Loosen the thumb screws and remove the existing hard drive.

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**NOTE.** The hard drive and hard drive sled components are pre-assembled.

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3. Install the new hard drive, and then tighten the thumb screws to secure the drive in the instrument.
4. Power on the instrument to verify operation.



## Verify instrument software version

Tektronix recommends to update to the latest available application software for your instrument.

1. Select **Utilities > About my AWG**. Under System Information, note the Software Version number.
2. Use your Web browser to go to: [www.tektronix.com/software](http://www.tektronix.com/software).
3. Search for your instrument's model number and follow the link to the software.
4. If the installed software is older than that available, download the software.
5. Follow the instructions on the Web page to install the software.