



**020-3180-00 and above
MSO58LP, LPD64 Bench Conversion Kit
Instructions**

Warning

The servicing instructions are for use by qualified personnel only. To avoid personal injury, do not perform any servicing unless you are qualified to do so. Refer to all safety summaries prior to performing service.



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- In North America, call 1-800-833-9200.
- Worldwide, visit www.tek.com to find contacts in your area.

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Important safety information

Service safety summary

The *Service safety summary* section contains additional information required to safely perform service on the product. Only qualified personnel should perform service procedures. Read this *Service safety summary* and the *General safety summary* before performing any service procedures.

To avoid electric shock. Do not touch exposed connections.

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 product power and disconnect the power cord from the mains power before removing any covers or panels, or opening the case for servicing.

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.

Verify safety after repair. Always recheck ground continuity and mains dielectric strength after performing a repair.

Kit description

This kit is a collection of parts that, once installed, configure the instrument for use as a bench model instrument.

Supported products

Product	Description
MSO58LP	5 Series MSO Low Profile
MSO58LPGSA	5 Series MSO Low Profile, General Service Administration compliant
LPD64	6 Series Low Profile Digitizer
LPD64GSA	6 Series Low Profile Digitizer, General Service Administration compliant

Minimum tool and equipment list

Required tools and equipment	Part number
Wrench, 1/8 inch Allen	Standard tool
Screwdriver, T-20 Torx	Standard tool

Kit parts list

The following table lists the parts for the kit.

Kit	Quantity	Part number	Description
020-3180-xx	1 each	020-3180-xx	BENCH CONVERSION KIT
	1	367-0603-xx	HANDLE, SIDE
	2	407-5992-xx	SPACER, HANDLE, SIDE
	2	407-5991-xx	HANDLE, SIDE, TOP CAP
	4	211-1645-xx	SCREW, MACHINE, 10-32 x .750
	4	348-1948-xx	FOOT, STATIONARY, EXTERNAL
	4	348-1947-xx	CUSHION, FOOT; SANTOPRENE, BLACK
	4	211-1315-xx	SCREW, MACHINE, 8-32 X .438 PANHEAD T20, WITH THREAD LOCKING PATCH
	1	075-1102-xx	5 SERIES MSO LOW PROFILE MSO58LP BENCH KIT INSTRUCTIONS

Installation instructions

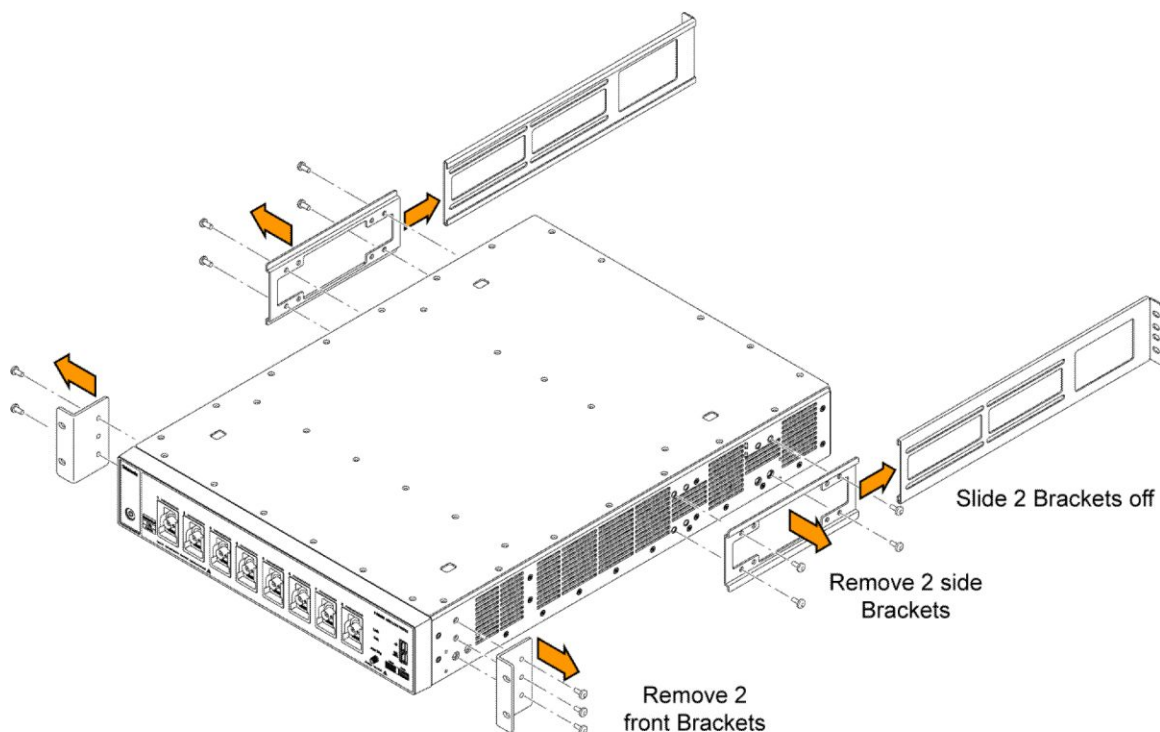
These instructions are for qualified service personnel who are familiar with servicing the product. If you need further details for disassembling or reassembling the product, refer to the appropriate product manual. Contact your nearest Tektronix, Inc., Service Center or Tektronix Factory Service for installation assistance.

NOTE. The artwork shown in the following procedures is for the MSO58LP. The LPD64 instrument uses the same parts in the same locations.

Remove rack brackets from the instrument

Prerequisite: Wear an anti-static wrist strap connected to the instrument chassis while doing this conversion.

1. Remove all cables from the front and rear of the instrument, including the power cable.
2. Position the instrument on its bottom, with the front facing you.



3. Remove the three screws from the rack mounting bracket at the right-front of the instrument and remove the bracket.

4. Remove the three screws from the rack mounting bracket at the left-front of the instrument and remove the bracket.
5. If installed, remove both rack mount slides by sliding them to the rear of the instrument until they are off of the chassis brackets.
6. Remove the four screws from the rack chassis bracket at the right of the instrument and remove the bracket.
7. Remove the four screws from the rack chassis bracket at the left of the instrument and remove the bracket.

NOTE. *Keep all the screws and rack hardware together in a bag in case you need to install the instrument in a rack at a future time.*

Install the handle and feet

Prerequisite: Wear an anti-static wrist strap connected to the instrument chassis while doing this conversion.



WARNING. *Use only the hardware supplied with the Bench Conversion Kit. Use of other parts or screws may result in damage to the instrument or injury to the installer.*

The kit has two types of screws to attach the handle and feet:

- Use the four flathead Torx T-20 screws to attach the handle parts.
- Use the four round head Torx T-20 Torx screws to attach the bottom feet.

1. Attach the handle to the right side of the instrument:
 - a. Position the instrument on its bottom, with the front facing you.

4. Connect power cord, signal probes, and cables as required for your measurement needs.



WARNING. *For proper cooling, keep both sides of the instrument clear of obstructions for 2 inches (51 mm).*
