

**Agilent N2111A  
Rack Mount Kit for  
6000 X-Series  
Oscilloscopes**

**Installation Guide**



**Agilent Technologies**

# Notices

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### CAUTION

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### WARNING

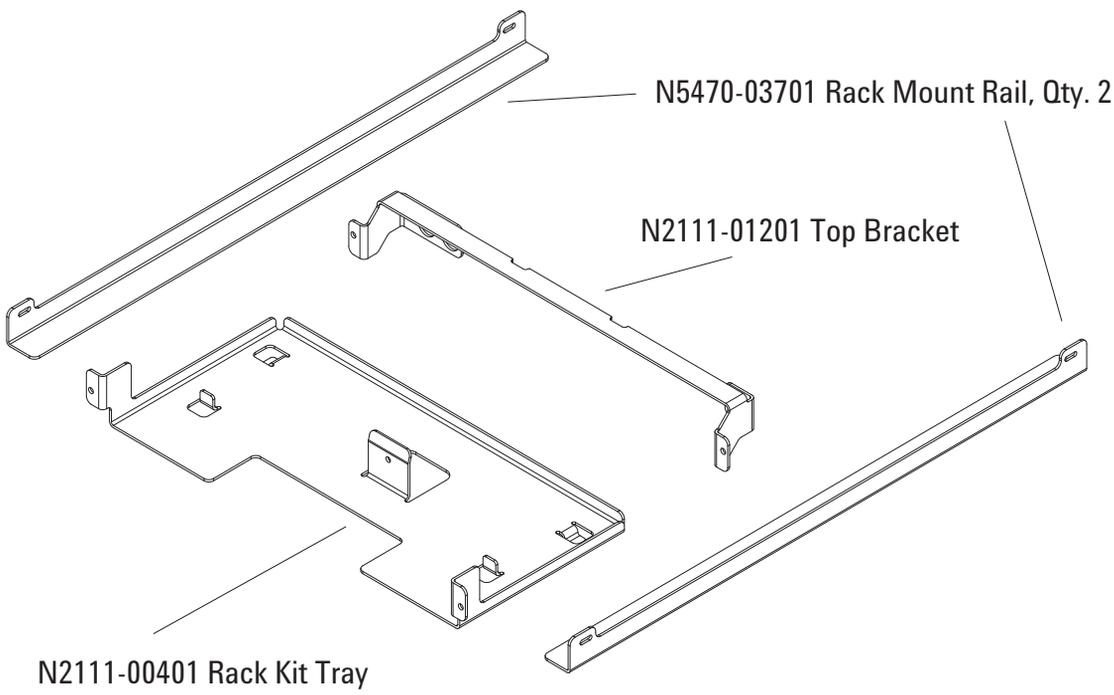
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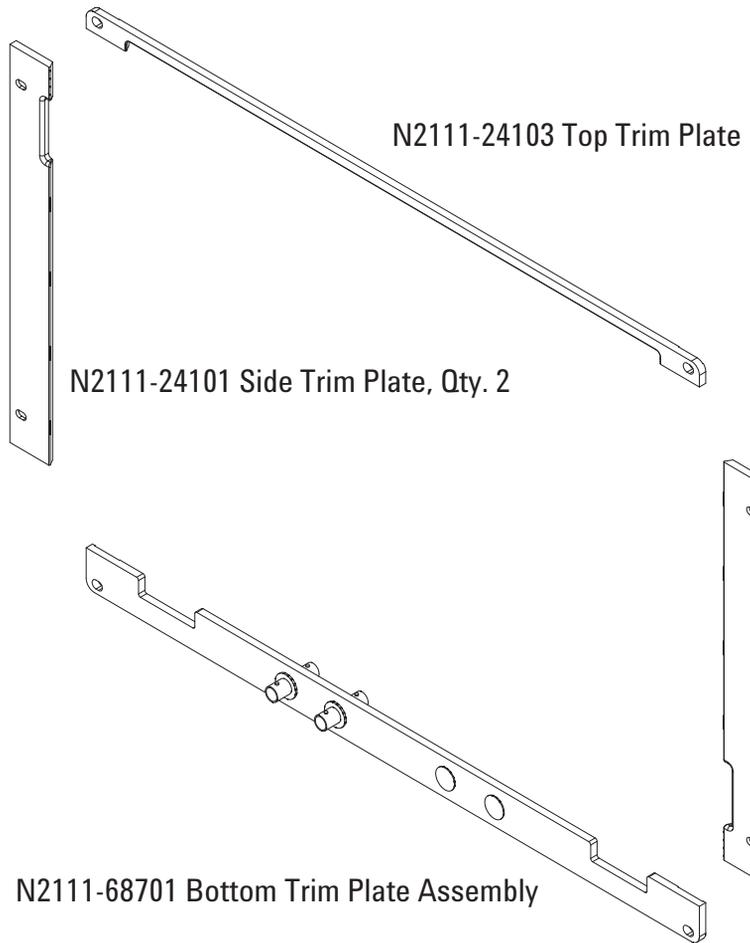
## In This Guide...

This guide contains instructions for installing the Rack Mount Kit for 6000 X-Series Oscilloscopes. The Rack Mount Kit provides a support shelf and hardware for mounting Agilent 6000 X-Series Oscilloscopes into Electronic Industries Association (EIA) standard 19-inch (487-mm) rack cabinets.

The Rack Mount Kit includes the following parts:

Quantity	Part Number	Description
1	N2111-00401	Rack Kit Tray
1	N2111-01201	Top Bracket
2	N5470-03701	Rail, Rack Mount
2	N2111-24101	Side Trim Plate
1	N2111-24103	Top Trim Plate
1	N2111-68701	Bottom Trim Plate Assembly
3	0515-0436	Screw, machine, pan head, with washer, Torx T20 M4 x 0.7, 18 mm
4	2360-0806	Screw, machine, pan head Philips, 10-32 x 0.5 in
12	0590-0804	Nut, sheet metal, 10-32 x 0.5
8	E9900-06001	Screw, special, pan head, Philips, 10-32 x 0.625 in





# HARDWARE

Quantity	Part Number		Description
3	0515-0436		Screw, machine, pan head, with washer, Torx T20 M4 x 0.7, 20 mm
4	2360-0806		Screw, machine, pan head Phillips, 10-32 x 0.5 in
12	0590-0804		Nut, sheet metal, 10-32 x .5
8	E9900-06001		Screw, special, pan head, Phillips, 10-32 x 0.625 in

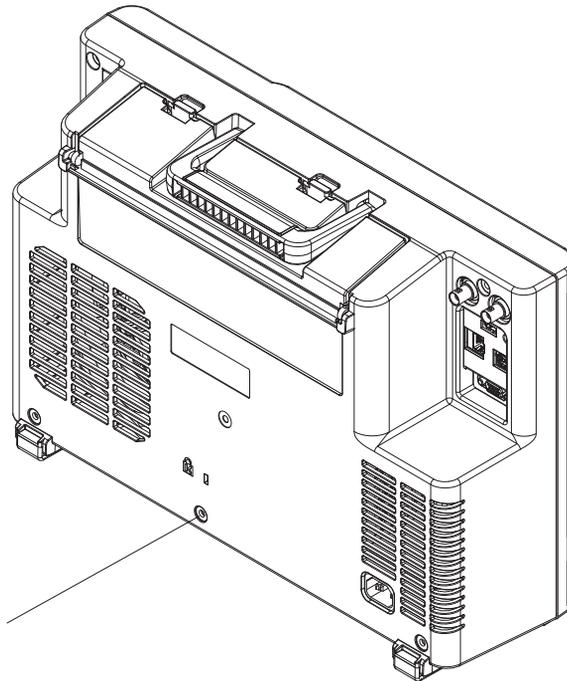
## Installation

You will need the following tools to install the Rack Mount Kit:

- T20 Torx driver.
- #2 Phillips screwdriver.

To perform the installation:

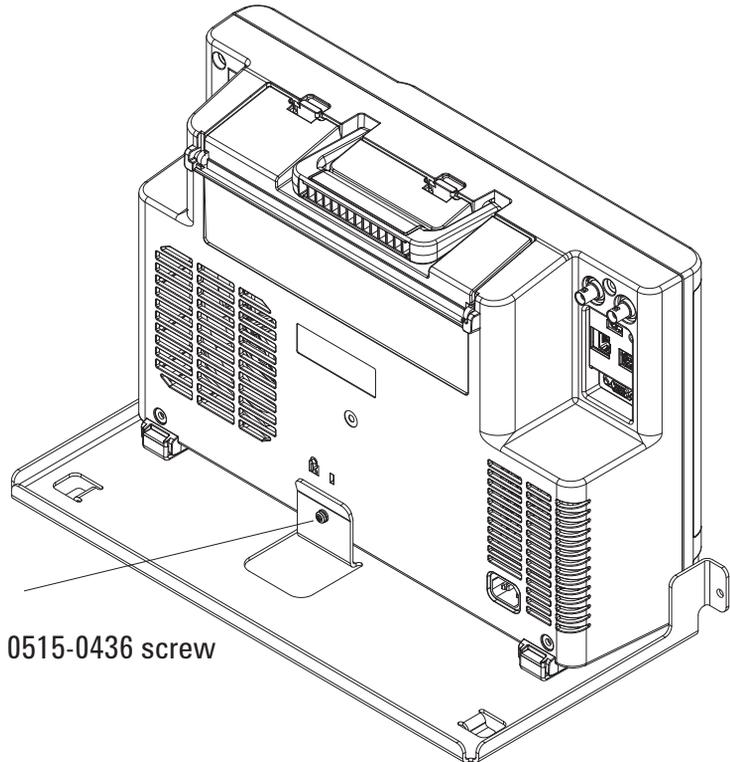
- 1** Make sure the oscilloscope's front feet are retracted so that the oscilloscope stands upright (not tilted).
- 2** Remove the screw from the lower back center of the oscilloscope.



- 3** Set the oscilloscope onto the N2111-00401 Rack Kit Tray.

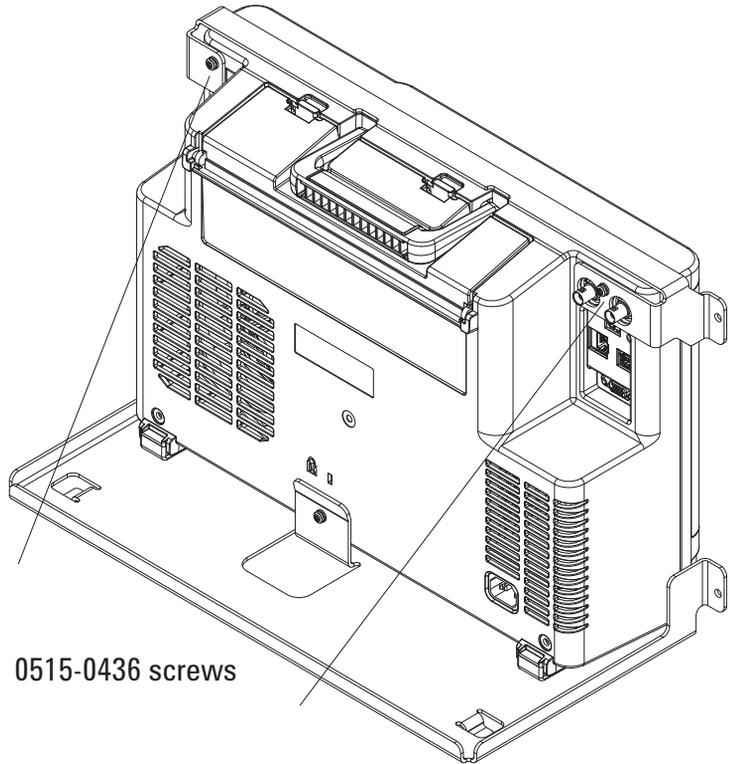
## Installation

- Secure the oscilloscope to the Rack Tray Assembly using one 0515-0436 screw.



- Remove the screws from the upper back corners of the oscilloscope.

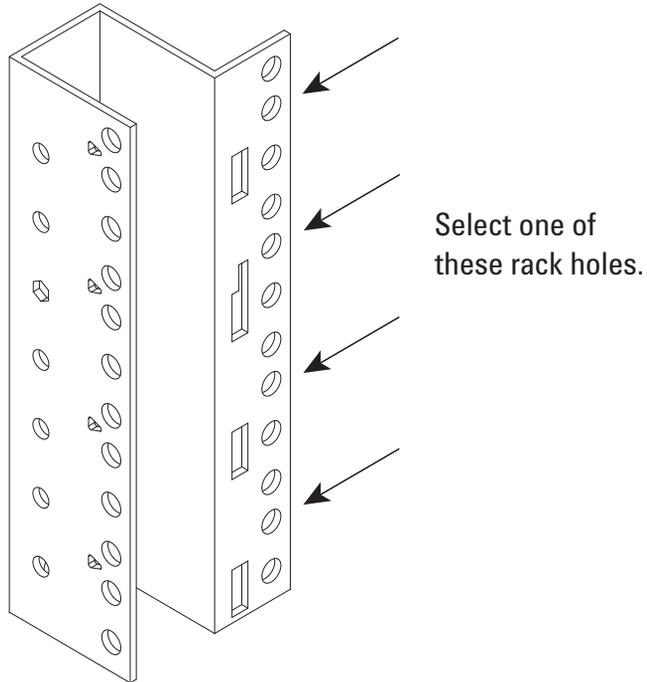
- 6 Attach the N2111-01201 Top Bracket to the top of the oscilloscope using (Qty 2) 0515-0436 screws.

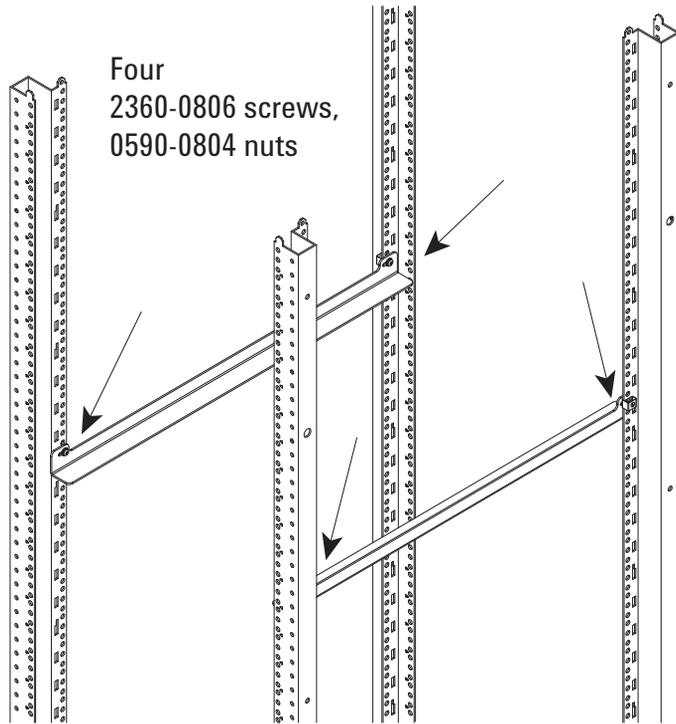


## Installation

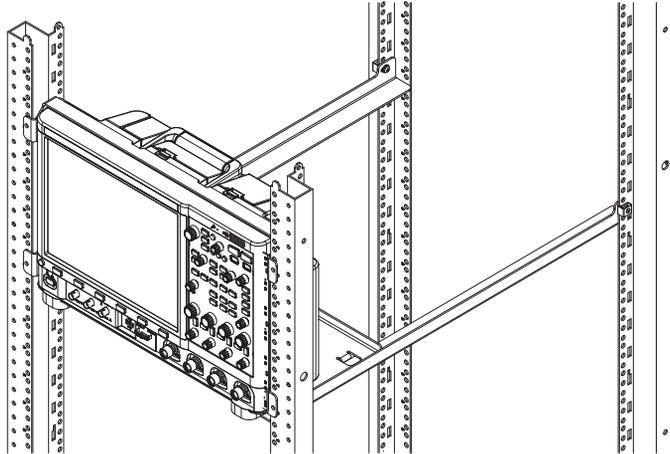
- 7 Attach the two N5470-03701 Rack Mount Rails to your rack using (Qty. 4) 2360-0806 screws and (Qty. 4) 0590-0804 nuts.

For proper rack mount kit alignment, select one of the holes just above a rectangular cut-out (or the bottom hole of a pair in the pair, single, pair, single, etc., hole sequence).

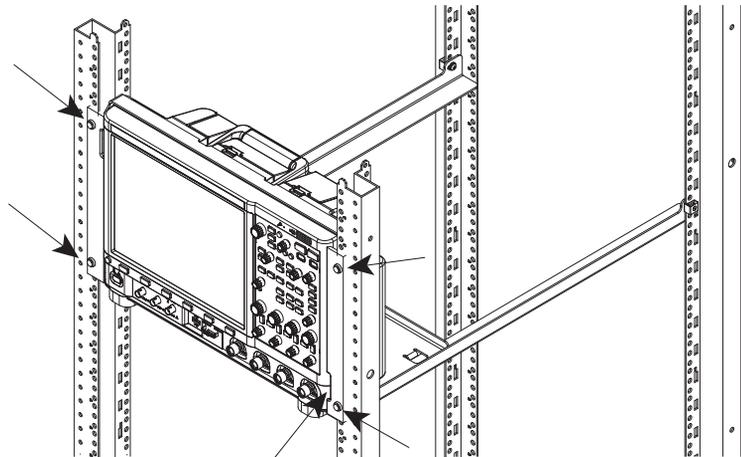




- 8 Slide the assembled oscilloscope and Rack Tray Assembly into the rack.



- 9 Secure the two Side Trim Plates to the rack using (Qty. 4) E9900-06001 screws and (Qty. 4) 0590-0804 nuts. Assembly may be easier if you slightly lift the oscilloscope to align the holes.
  - a Optional: If you plan to route the MSO cable through the notch in the Side Trim Plate, route it now.

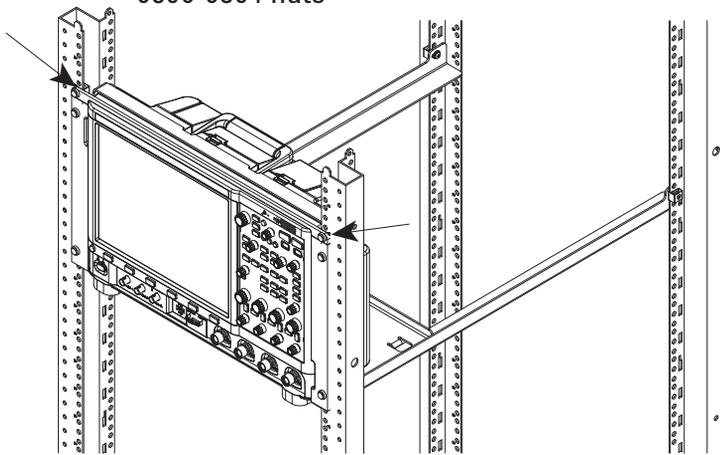


Route MSO  
cable here

Four  
E9900-06001 screws,  
0590-0804 nuts

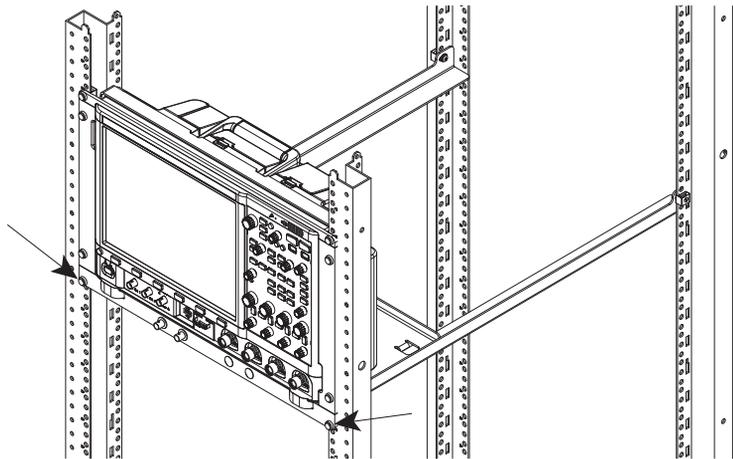
- 10 Secure the N5470-24102 Top Trim Plate to the rack using (Qty. 2) E9900-06001 screws and (Qty. 2) 0590-0804 nuts.

Two  
E9900-06001 screws,  
0590-0804 nuts



**11** Bottom Trim Plate:

- a** Optional: If you plan to connect cables from the oscilloscope to the BNC feed-throughs, connect them now. It may be difficult to connect them after securing the bottom trim plate.
- b** Secure the N2111-68701 Bottom Trim Plate Assembly to the rack using (Qty. 2) E9900-06001 screws and (Qty. 2) 0590-0804 nuts.



Two  
E9900-06001 screws,  
0590-0804 nuts

You have completed installation of the Rack Mount Kit.









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