Rack Mount Installation

Rack Mount Kit Installation Instructions

The following installation instructions apply to rack mount kit Agilent part number 5061-8064. This kit mounts the instrument in a rack with 482.6 mm (19 in.) spacing. See Table 1 for a complete list of kit parts.

Tool List

- # 1 Pazidrive Screwdriver
- #2 Pazidrive Screwdriver
- 4 mm Hex Key (included)
- 7 mm Nut Driver (preferred)
- Needle Nose Pliers

Installing Rack Mount Kits

Note

Numbers in parentheses match the numerical call outs in the appropriate figure.

1. Remove the instrument's four front frame bumpers (1). See Figure 1.

Caution

Use caution when placing the instrument dress panel face down on its' finished surface. Use a soft cloth to protect the assembly from scratches or damage.

2. Place the kit's sub-panel (2) face down on a clean flat surface, such as a desktop.

3. Place the instrument face down into the sub-panel, be sure to orient the instrument in relation to the sub-panel mount holes (9) as illustrated in Figure 1.

4. Attach the sub-panel to the top of the instrument's front frame using four M3 x 0.5 x 8 mm pan-head screws (3). The screws mount into the front bumper mounting holes.

5. Remove the six M3 x 0.5 x 8 mm pan-head screws (10) from the cover.

6. Use a 4 mm hex key to unscrew the four screws (4) attaching the instrument cover assembly (5) to the instrument. Pull the cover off to the rear of the instrument.

7. Remove the two screws (6) attaching the rear feet (7) to the cover assembly and remove the rear feet.
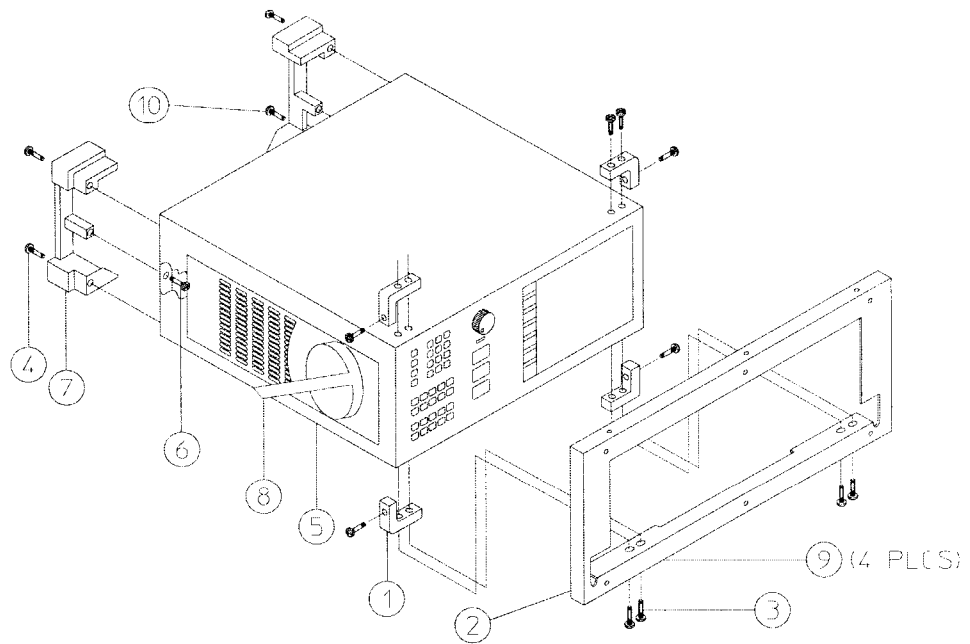
Figure 1   **Installing the Rack Kit Sub-Panel**

8. Remove the two side screws attaching the bail handle assembly (8) to the cover assembly. The screws are located on the inside of the cover assembly. Pull each handle side straight out from the side cover assembly.

Caution   When replacing the instrument cover use caution to p[rotect the instrument's cable assemblies from damage.

9. Slide the cover assembly back on the instrument. If the cover assembly contains a seam locate the seam over the bottom side of the instrument. If the cover is seamless, locate the cover's air vent holes over the bottom side of the instrument.

Note   Make sure that the instrument's cover assembly fits into the groove in the front frame all the way around the front frame.
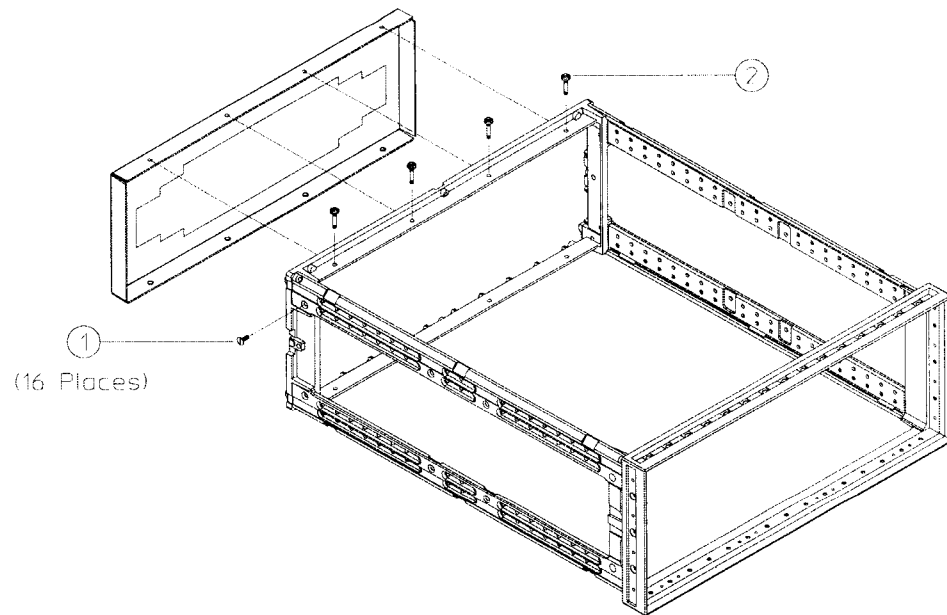
Figure 2   **Assembling the Rack Frame**

10. Assemble the rack kit frame as illustrated in Figure 2, using 8 (four on each side M4 x 0.7 x 6 mm flat-head screws. (See (1) in Figure 2) and eight M3.5 x 0.6 x 8 mm pan-head screws. (See (2) in Figure 2)
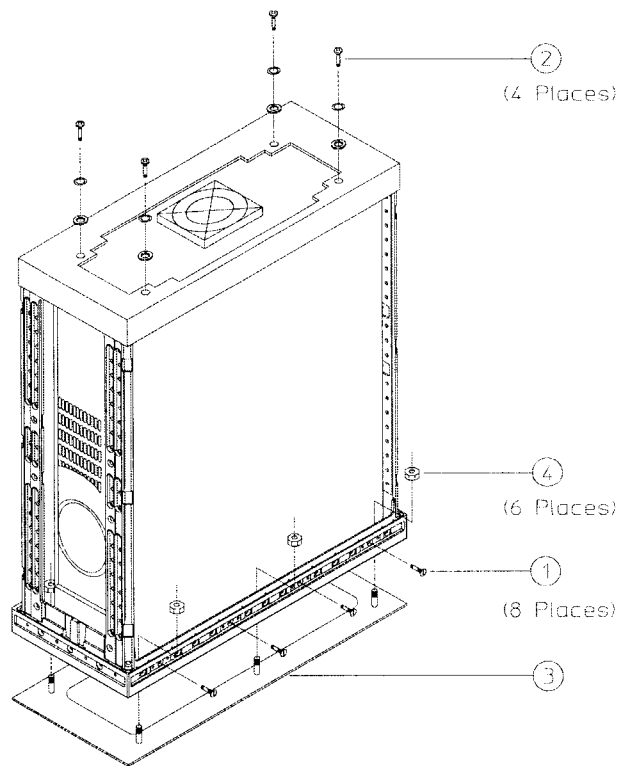
(2)
(4 Places)

(4)
(6 Places)

(1)
(8 Places)

(3)

Figure 3   **Attaching the Rack Mount Frame to the Instrument**

11. Place the rack frame over the instrument as illustrated in Figure 3. The rack front frame should have a deeper groove on the bottom side.

12. Attach the rack fame to the front support using eight M3.5 x 0.6 x 8 mm screws (1) See Figure 3.

13. Attach the rack frame tot he rear of the instrument using four M5 x 0.8 x 12 mm socket head cap screws, lock washers and flat washers.

14. Tip assembly on one side. Install the dress panel (3), and secure it with six nuts (4). Use a 7 mm driver, use the spring clips instead of the nuts. Apply spring clips over the studs with needle nose pliers See (3) in Figure 3.
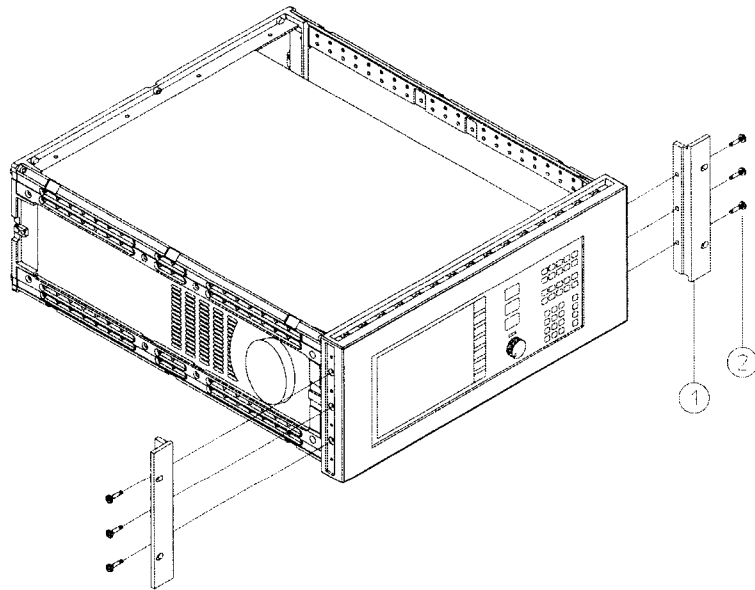
Figure 4   **Installing Rack Flanges**

15. Place the instrument in its operating position. See Figure 4. The rack flanges (1) mount directly to the rack frame using six M4 x 0.7 10 mm pan-head screws (2).

16. The instrument is now ready to mount into the systems rack.

Rack Mount Kit		
Component Number	**Description**	**Quanity**
0510-1148	RTNR-PUSH ON	7
0515-0049	SCR-SKT-HD-CAP	5
0515-0866	SCR-MACHINE M	5
0515-1090	SCR-MACHINE M	9
0515-1234	SCR-MCH M3.5 8M	9
0515-1331	SCR-MTRC SPCLY	17
0535-0082	NUT-HEX M4X0.7	7
2190-0587	WSHR-LK 5.0 HLC	5
3050-0894	WSHA-FL MTLC	5
5001-5590	PNL SHTF	1
5002-0637	SUPPORT-REAR	1
5021-5808	CSTG FRM-RR FM	1
5021-5836	CSTG STRT-CRNR	4
5022-1190	CSTG FRM-FRT FM	1
5061-7616	PNL-DRESS	1
5063-9216	KIT-RACK FLANGE	1
5967-0973	NOTE-35670A RACK	1
8710-1755	MISC-TOOLS	1