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Double Rack-Mount Kit Instructions

Introduction

This document provides instructions for the Model 2290-5-RMK-2 dual fixed rack-mount kit. The kit contains mounts needed to install two Model 2290-5 High Voltage Power Supplies in a standard 19-inch rack. Hardware is included to attach the instruments to the rack ears (use existing hardware to mount the assembly into the rack).

Parts list

The parts list below contains a description of the parts supplied with the Model 2290-5-RMK-2 dual rack-mount kit.

Item number	Quantity	Description	Use
1	2	Handle	Attached to rack ears
2	2	Truss head screws	Locking plate
3	2	Rack ear	Instrument side rack ear
4	4	Flat head screws	Handle
5	2	Machined support blocks	Provide support between instruments
6	4	Socket head screws	Machine support blocks
7	1	Locking plate	Locks the support blocks together

Installation

The next figure provides an exploded view of the rack mounting kit, the instrument, and the rack face. Step-by-step assembly and mounting instructions are given below.

CAUTION

Before installing the instrument in the rack, be sure that the rack angle bracket or shelf is in place and adjusted to accept and support the instrument. Under no circumstances should the instrument's entire weight be supported solely by the hardware and brackets supplied in the mounting kit.

1. Mount handles (1) to both rack ears (3) securing each handle with two flat head screws (4).
2. Install the rack ears (3) on the outside edge of each instrument securing with two truss head screws that were removed from the instrument (see the next figures).

NOTE

When you remove the truss head screws to install the rack ears, you will need to re-use the screws to secure the rack ears on the outside edge of each instrument.



3. Install one Machined Support Block (5) on the inside edge of each instrument. Secure each block with two socket head screws (6).
4. Install the locking plate (7) to the top of the machined support blocks using two truss head screws (2).
5. Install both assemblies (instrument, rack ears, and machined support blocks) in the rack. Secure the assembly with existing hardware (see the next figures).

Figure 1: Model 2290-5 double rack mount kit installation

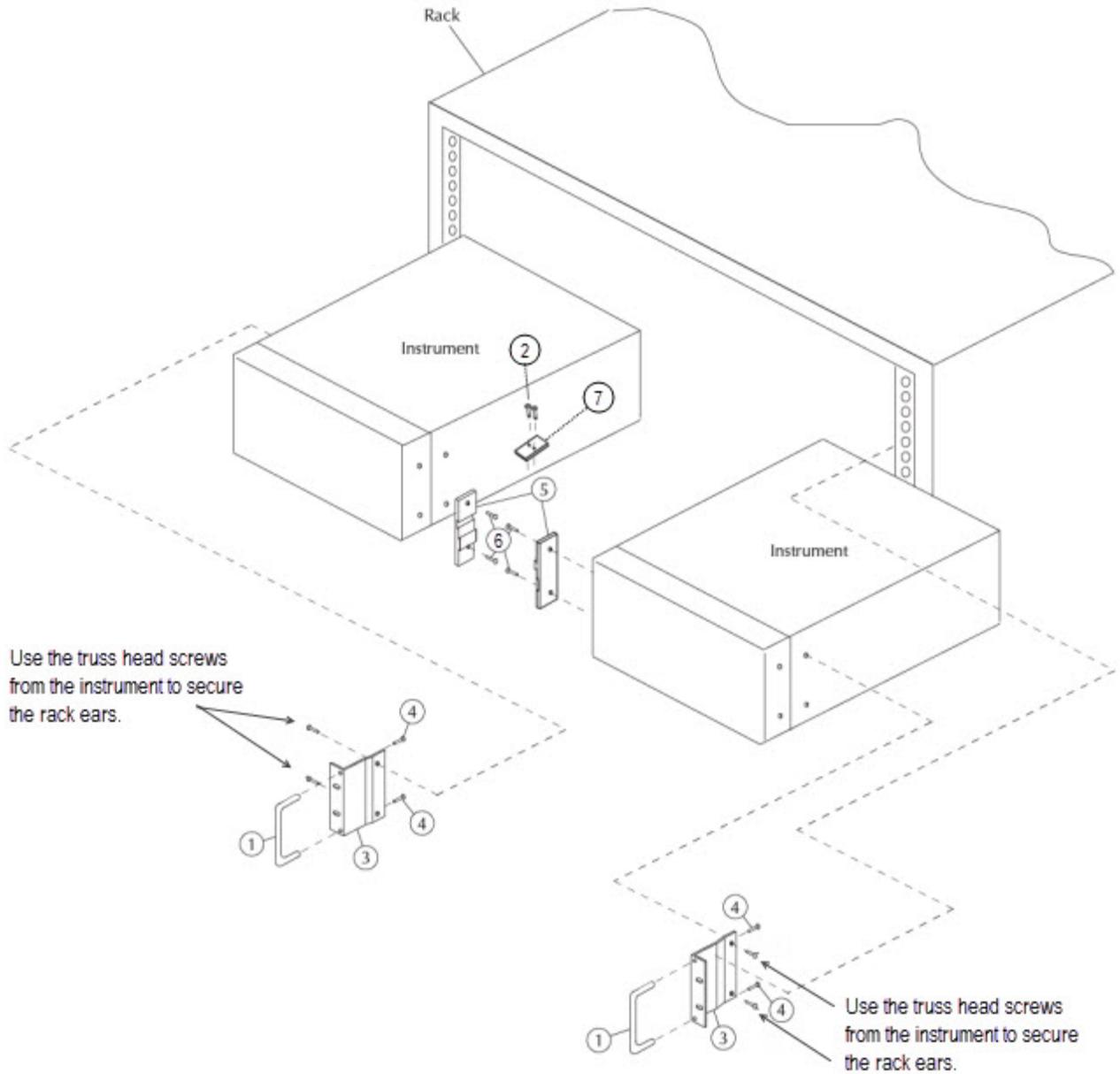
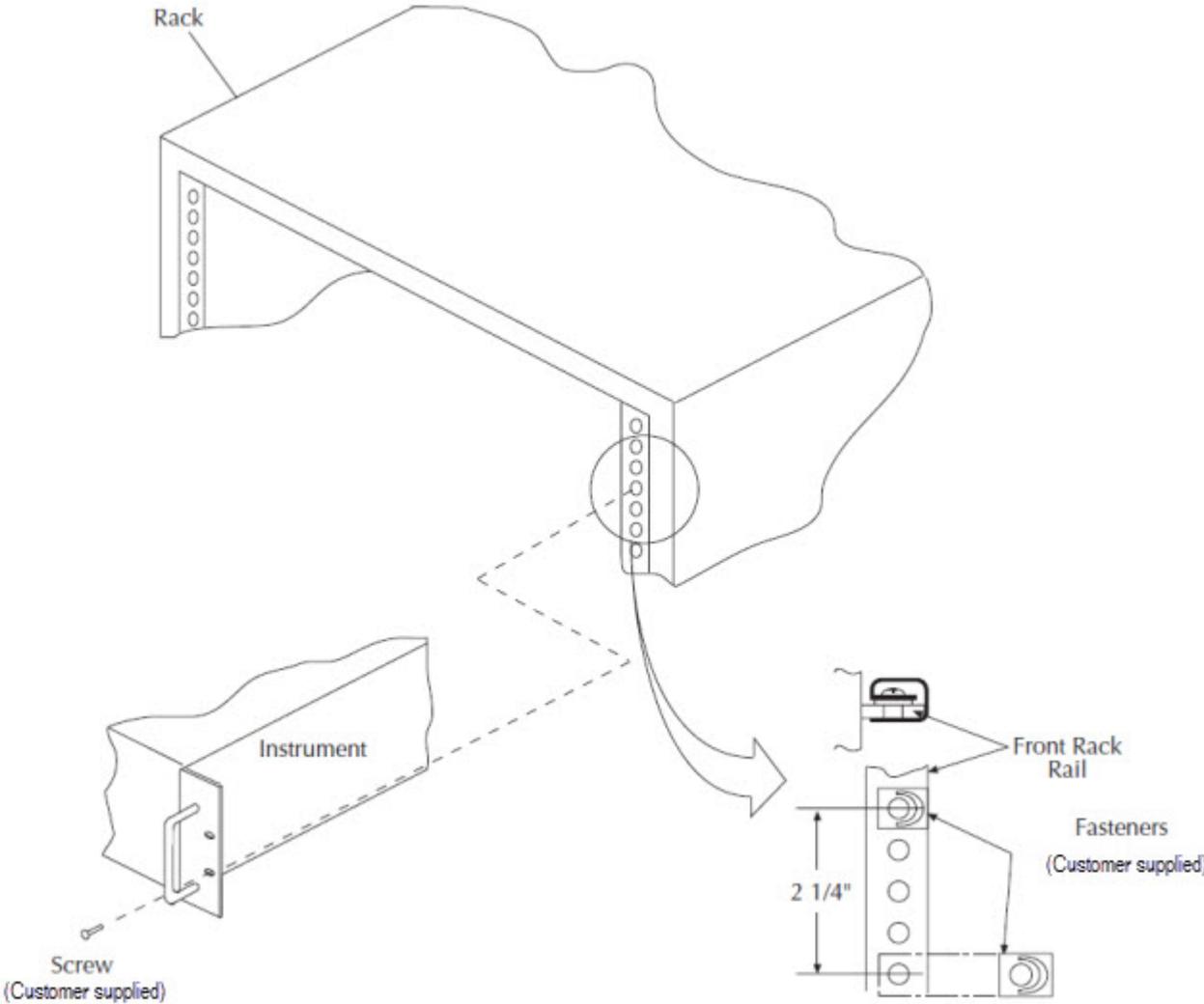


Figure 2: Model 2290-5 suggested rack fastener installation



The next figure shows the hardware that you will receive with your rack mount kit. You can use this figure, the [Parts list](#) (on page 1), and the previous figures to ensure that you have all of the necessary hardware to mount your instruments.

Figure 3: Model 2290-5 rack mount kit hardware

