



## ***RM ProLiant 6400R Interlock Kit Installation Information***

**EK-6400R-IN. A01**

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### **Introduction**

The 2T-P6400-01 interlock kit contains the components for installing the interlock system and the shipping bracket on the rackmounted ProLiant 6400. The interlock system helps prevent cabinet instability by allowing only one system at a time to be pulled out of the cabinet. The shipping bracket is used to secure the ProLiant 6400 in the cabinet during shipment or when moving the cabinet to a new location.

The interlock system consists of a vertical rod, on which are mounted actuator latches for each product installed in the cabinet. These actuator latches engage the interlock actuator on the rear of rackmount systems. When a rackmount system is pulled out of the cabinet, the actuator latches rotate to prevent any other rackmount system that has an interlock actuator from being pulled out of the cabinet.

Table 1 lists the parts that are shipped with the 2T-P6400-01 interlock kit. The callouts in column 1 refer to the part location in Figure 1.

**Table 1 2T-P6400-01 Interlock Kit Parts List**

<b>Figure 1 Callout</b>	<b>Description</b>	<b>Part Number</b>	<b>Qty.</b>
<b>❶</b>	Interlock actuator	74-60634-01	1
<b>❷</b>	6-32 truss-head screw	90-00063-10	5
<b>❸</b>	Stabilizer bracket	74-48996-01	1
<b>❹</b>	Actuator latch	74-48997-02	1
<b>❺</b>	10-32 threaded nut bar	74-48998-01	1
<b>❻</b>	10-32 truss-head screw	90-00063-39	4
<b>❼</b>	Shipping bracket	74-60635-01	1
<b>❽</b>	Flat washer, .221ID x .051THK	90-06664-00	2
<b>❾</b>	10-32 Kep nut	90-06565-00	2
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## Installing the Interlock System

The rackmount ProLiant 6400 requires 17.78 cm (7.00 in.) of vertical space or 12 contiguous holes in a 48.26-cm (19-in) EIA cabinet. The bottom hole in this installation area ⑩ is identified as hole 1 ① and the top hole is identified as hole 12 ⑫ (see Figure 1).

In the following installation procedures, directions are referred to while viewing the rackmount ProLiant 6400 from the rear of the cabinet. To install the interlock system, refer to Figure 1 and the following procedures:

1. Mount the interlock actuator ❶ on the lower right rear of the ProLiant 6400 chassis using three 6-32 truss-head screws ❷.
2. Remove the screws securing the vertical rod's bottom mounting bracket to the cabinet and slide the mounting bracket off the bottom of the vertical rod.
3. Slide the stabilizer bracket ❸ for the new product onto the bottom of the vertical rod.
4. Slide the actuator latch ❹ for the ProLiant 6400 onto the bottom of the vertical rod.
5. Replace the vertical rod's bottom mounting bracket and install the screws removed in step 2 but *do not* tighten them.
6. Position the stabilizer bracket ❸ so that the bottom hole in the stabilizer bracket is aligned with the 1st hole ① of the installation area and the top hole in the stabilizer bracket is aligned with the 4th hole ③ of the installation area on the right rear cabinet rail.
7. Place the bar nut ❺ behind the right rear cabinet rail and install and tighten the two 10-32 truss-head screws ❻ provided to secure the stabilizer bracket ❸.
8. Position the actuator latch ❹ against the bottom of the stabilizer bracket ❸ and to properly engage the interlock actuator, and tighten the two 6-32 set screws to secure the actuator latch to the vertical rod.
9. Now tighten the screws to secure the vertical rod's bottom mounting bracket.

## Installing the Shipping Bracket

In the following installation procedures, directions are referred to while viewing the rackmount ProLiant 6400 from the rear of the cabinet. The shipping bracket is used to secure the ProLiant 6400 in the cabinet during shipment or when moving the cabinet to a new location. To install the shipping bracket, refer to Figure 1 and the following procedures:

1. Mount the shipping bracket ❶ on the lower left rear of the ProLiant 6400 chassis using two 6-32 truss-head screws ❷.
2. Secure the shipping bracket ❶ to the left rear rail with two flat washers ❸, two 10-32 truss-head screws ❹, and two 10-32 Kep nuts ❺ through the 1st ① and 4th ③ holes on the left rear rail.

### Figure 1 Installing the 2T-P6400-01 Interlock Kit



