

Instructions



K420 Cart & LACART Brackets
for DPO7000 Series
407-5192-01

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Introduction

This manual tells how to mount a DPO7000 series device to either a K420 cart or LACART using the provided brackets.

Assembly will require approximately 15 minutes.

Tools

Mounting hardware is provided with the brackets.

You will need to provide a Phillips screwdriver and an 11/32" nut driver, wrench, or small crescent wrench for the 8-32 nuts listed below.

Parts Identification

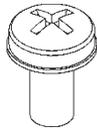
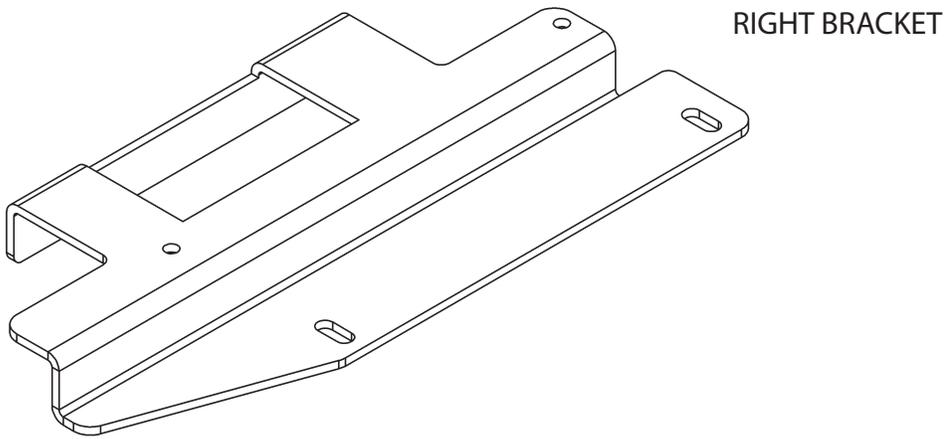
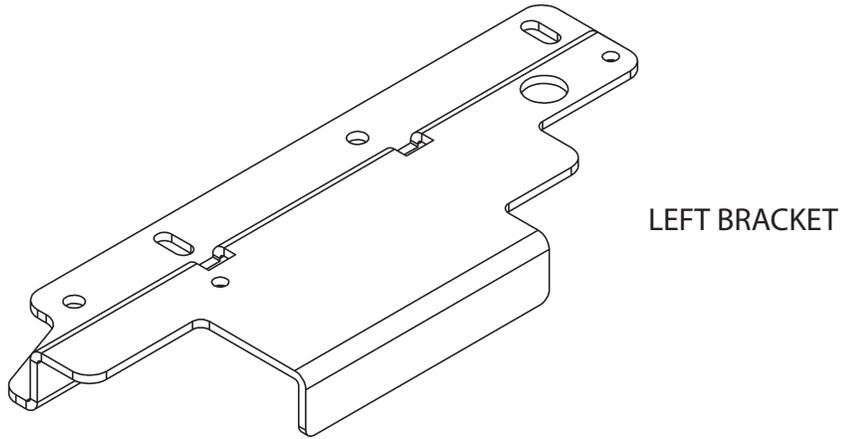
The brackets are packed separately in the shipping carton. A bag of small parts is also packed in the box. Figure 1 on page 2 show the parts you will be using.

Table 1 below lists all the parts needed to assemble the brackets, including hardware. Take an inventory now to familiarize yourself with the parts for the assembly process.

Table 1: Parts List

| Quantity | Description |
|-----------------------------|--|
| Large Parts | |
| 1 | Left Bracket |
| 1 | Right Bracket |
| Small Parts in Bag | |
| 2 | 10-32 x 3/8" Pan Head Screws With Lockwasher |
| 6 | 8-32 x 3/8" Pan Head Screws With Lockwasher |
| 2 | 8-32 Hex Nut |
| Tools (Not Provided) | |
| 1 | Phillips Screwdriver |
| 1 | 11/32" Nut driver, Wrench or Crescent Wrench |

Introduction



10-32 X 3/8" Screw



8-32 X 3/8" Screw



8-32 Hex Nut

Figure 1: Identification of Small Parts

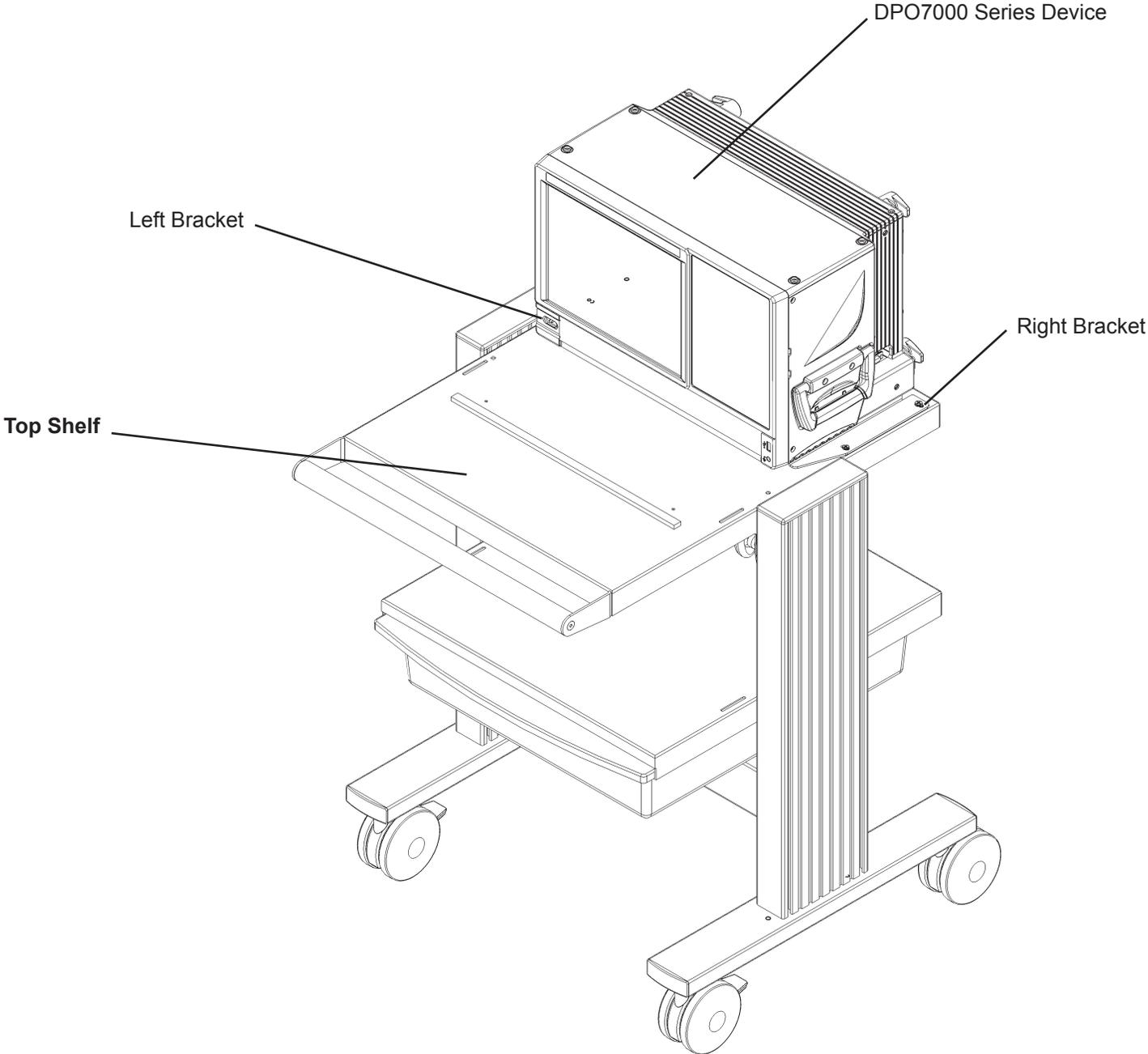


Figure 2: Brackets & Device Shown On K420 Cart

Install Brackets On Device

Begin by mounting the brackets to the device. You will use these parts:

- 4 8-32 x 3/8" Pan Head Screw With Lockwasher
- 1 Right Bracket
- 1 Left Bracket

You will use a Phillips screwdriver to install these parts onto the device.

1. The brackets are mounted near the sides of the device using the holes in the bottom of the device as shown in Figure 3. Device is shown from the rear. Be careful to put each bracket on the correct side. Also note that the front feet must be in the open position to install the brackets.

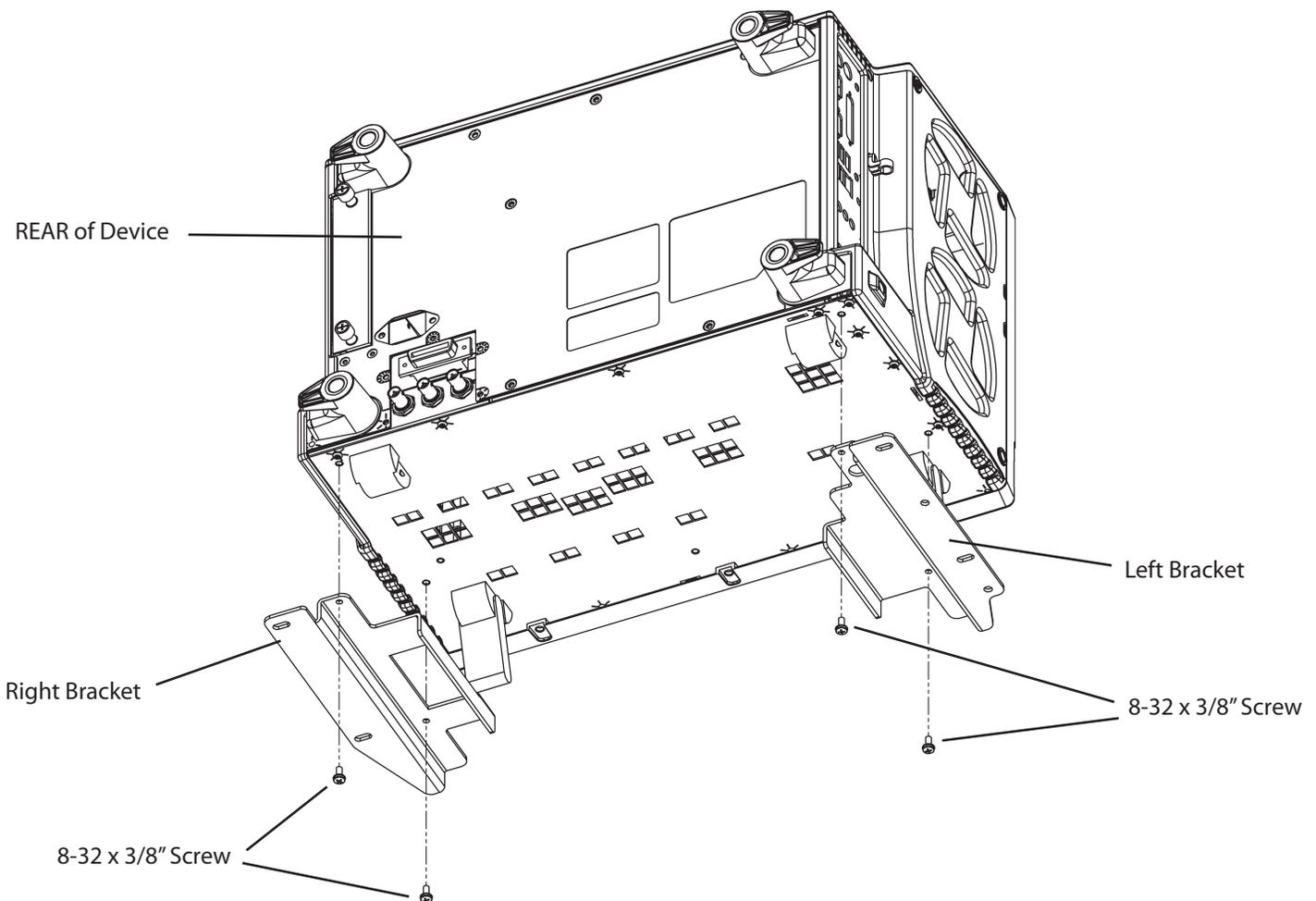


Figure 3: Installing The Brackets, Shown On DPO7000 Series Device

Install Brackets On Device

2. Once the brackets are in place tighten screws using the Philips screwdriver.
3. Fold closed the front feet on device

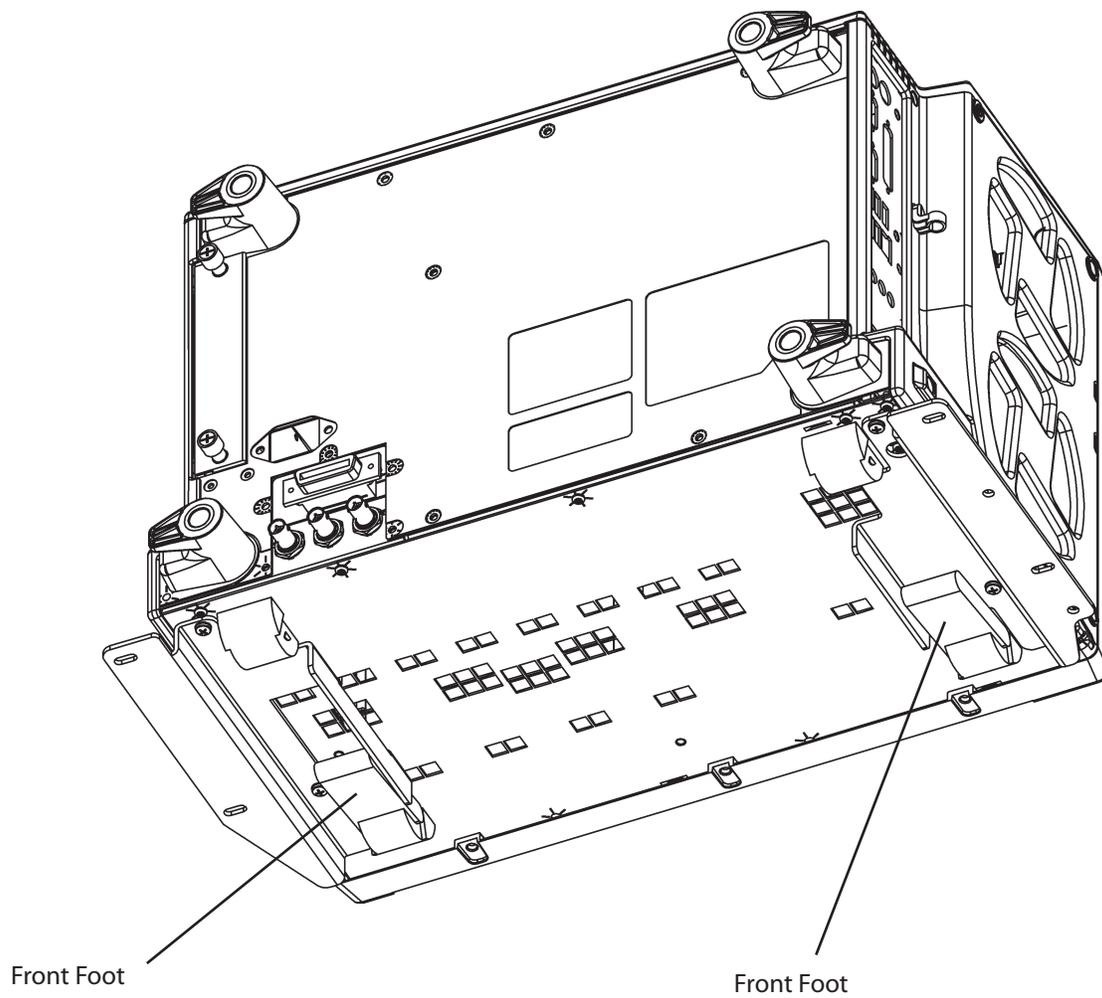


Figure 4: Brackets Installed, Shown On DPO7000 Series Device

Install On Cart (Option #1, Rearward)

To install the instrument to the cart you will need the following items:

- 2 8-32 x 3/8" Pan Head Screw With Lockwasher
- 2 Hex Nut
- 2 10-32 x 3/8" Pan Head Screw With Lockwasher

You will use a Phillips screwdriver and an 11/32" nut driver or wrench to install these parts

1. Place device, with mounting brackets installed, onto cart in orientation shown in Figure 6 below.
2. Place the device so the rear holes in the brackets align with the 10-32 holes in the top shelf of the cart starting with the left bracket. The correct rearward hole is marked with an 'R' on the left bracket. Install the 10-32 screw with the Phillips screwdriver but leave slightly loose. Repeat this step for right bracket.
3. Fasten an 8-32 screw through the forward hole in the left bracket, marked with an 'R', and through the slot in the cart top, to the hex nut. Repeat this step for the forward hole in the right bracket.
4. Tighten all screws.

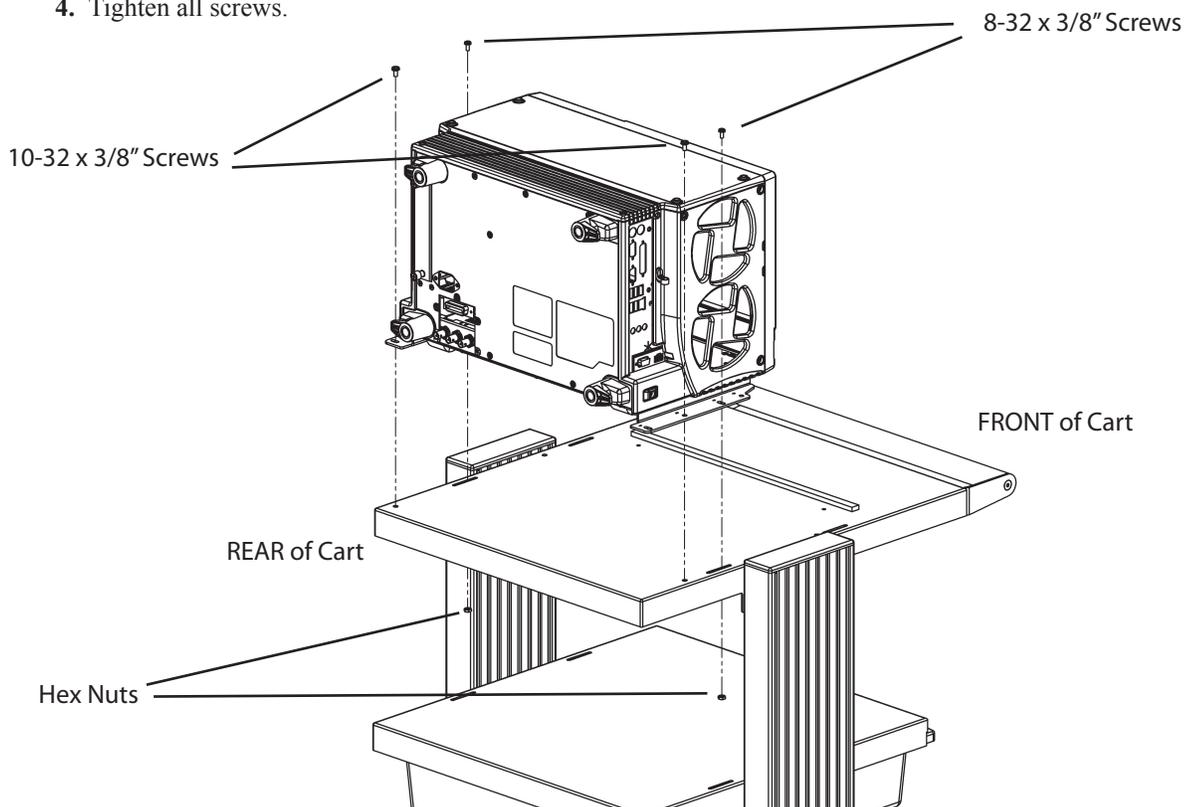


Figure 5: Aligning Instrument With Cart, Shown On K420 Cart

Install On Cart (Option #2, Forward)

To install the instrument to the cart you will need the following items:

- 2 8-32 x 3/8" Pan Head Screw With Lockwasher
- 2 Hex Nut
- 2 10-32 x 3/8" Pan Head Screw With Lockwasher

You will use a Phillips screwdriver and an 11/32" nut driver or wrench to install these parts

1. Place device, with mounting brackets installed, onto cart in orientation shown in Figure 6 below.
2. Place the device so the front holes in the brackets align with the 10-32 holes in the top shelf of the cart starting with the left bracket. The correct forward hole is marked with an 'F' on the left bracket. Install the 10-32 screw with the Phillips screwdriver but leave slightly loose. Repeat this step for right bracket.
3. Fasten an 8-32 screw through the rearward hole in the left bracket, marked with an 'F', and through the slot in the cart top, to the hex nut. Repeat this step for the rearward hole in the right bracket.
4. Tighten all screws.

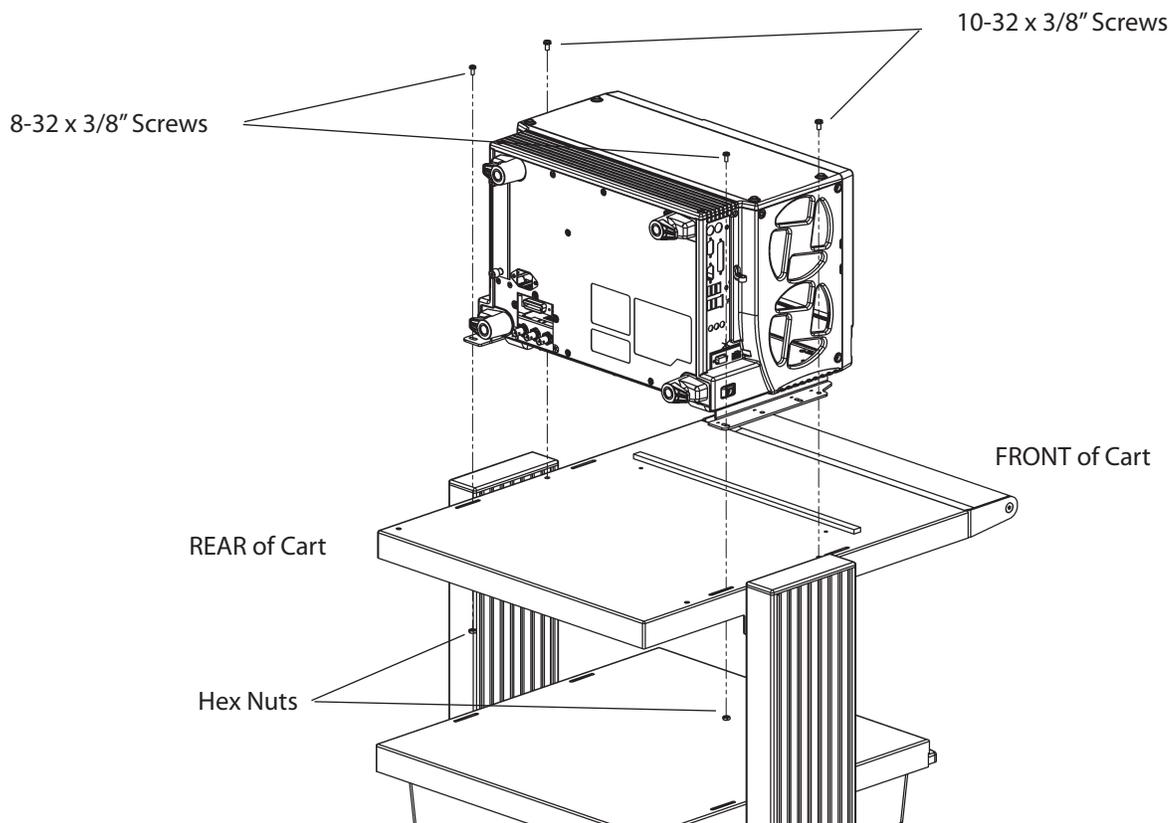


Figure 6: Aligning Instrument With Cart, Shown On K420 Cart