Contractors Rack Assembly and Installation Instructions
IMPORTANT SAFETY INSTRUCTIONS

- Do not load any cargo on the Rack with the rear crossbar removed.
- The Rack is rated for 800 lb limit. Do not overload the Rack.
- Always balance the load.
- Read all instructions before attempting to assemble The Rack.
- After the Rack is fully assembled make sure all nuts and bolts are properly tightened.
- Periodically check for loose or missing bolts, nuts, etc.
- Follow instructions below to ensure proper assembly and installation. Failure to properly assemble and/or install the Contractors Rack may result in severe or fatal personal injury or property damaged. Paramount Restyling Automotive Inc. is not responsible for injury or damage caused by improper installation or use.

TOOLS NEEDED

- Socket wrench set
- Adjustable wrench
- Tape measure
- Rubber mallet
- Drill and 5/16” bit (for permanent installation)

MAINTANCE

1. Clean Rack with soft cloth and mild soap to keep the powder coat finish in good condition.
2. Use an automotive wax to maintain and protect finish.

BEFORE YOU BEGIN

There are 22 pieces that makeup the Contractors Rack (excluding hardware). On the next pages are two layouts which show the correct placement of these pieces for both short bed and long bed truck installations. The placement is very different depending on which size bed the Rack will be installed on. Please turn to the page which corresponds to your size truck bed and layout the components as shown. NOTE: If these components are not correctly positioned it will become necessary to disassemble the Rack and start over again.

Thank you for purchasing the Paramount Restyling Contractors Rack. Your new Contractors Rack has been engineered using the best materials and finest craftsmanship to provide years of reliable dependable service. Before attempting to assemble any components please take a few moments to read and familiarize yourself with the instructions contained in this manual. The instructions contain valuable information and tips that will make assembly easier and faster. If you should require assistance or additional information please call our customer service department at (626) 960-4900 ext 302.
Assembly Preparation for Short Bed Trucks

NOTE: Place gusset facing the rear of truck with toe up (long or short bed)

L. Pass Side Front Short Bed Upright or

M. Pass Side Rear

Clamps Connecting

D. Center Crossbar

E. Rear Side Rails

F. Rear Crossbar

K. Pass Side Rear Upright

J. Pass Side Rear Quick Disconnect Rear Crossbar Bracket

H. Drive Side Quick Disconnect Rear Crossbar Bracket

I. Drive Side Rear Upright 5

Mounting Foot on Driver Side Rear

Pass Side Front Long Bed

Driver Side Front Short Bed

Driver Side Rear Long Bed

Pass Side Front Short Bed Upright or

Car Hoop
### COMPONENTS LIST

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td>1</td>
<td>Cab Hoop</td>
</tr>
<tr>
<td>(B)</td>
<td>2</td>
<td>Front Side Rails</td>
</tr>
<tr>
<td>(C)</td>
<td>1</td>
<td>Front Cross Bar</td>
</tr>
<tr>
<td>(D)</td>
<td>1</td>
<td>Center Cross Bar</td>
</tr>
<tr>
<td>(E)</td>
<td>2</td>
<td>Rear Side Rails</td>
</tr>
<tr>
<td>(F)</td>
<td>1</td>
<td>Rear Cross Bar</td>
</tr>
<tr>
<td>(G)</td>
<td>4</td>
<td>Connecting Plates (2 outside &amp; 2 inside)</td>
</tr>
<tr>
<td>(H)</td>
<td>1</td>
<td>D/S Quick Disconnect Bracket</td>
</tr>
<tr>
<td>(I)</td>
<td>1</td>
<td>P/S Quick Disconnect Bracket</td>
</tr>
<tr>
<td>(J)</td>
<td>2</td>
<td>D/S Rear Upright &amp; P/S Front Short Bed or D/S Front Long Bed</td>
</tr>
<tr>
<td>(K)</td>
<td>2</td>
<td>P/S Rear Upright &amp; D/S Front Short Bed or P/S Front Long Bed</td>
</tr>
<tr>
<td>(L)</td>
<td>2</td>
<td>D/S Front or P/S Rear Mounting Foot</td>
</tr>
<tr>
<td>(M)</td>
<td>2</td>
<td>P/S Front or D/S Rear Mounting Foot</td>
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### HARDWARE LIST

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<tr>
<th>QTY</th>
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<tr>
<td>4</td>
<td>16mm x 90mm Hex Head Bolts</td>
</tr>
<tr>
<td>4</td>
<td>16mm x 35mm Carriage Bolts</td>
</tr>
<tr>
<td>8</td>
<td>16mm x 70mm Shoulder Bolts (threaded part 12mm)</td>
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<tr>
<td>8</td>
<td>16mm Nylock Nuts</td>
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<tr>
<td>20</td>
<td>16mm ID x 35mm OD x 2mm Flat Washers</td>
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<tr>
<td>8</td>
<td>12mm x 50mm Hex Head Bolts</td>
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<td>2</td>
<td>12mm x 75mm Hex Head Bolts</td>
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<td>8</td>
<td>12mm &quot;J&quot; hooks (removable installation)</td>
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<td>12</td>
<td>12mm x 40mm Hex Head Bolts (permanent installation)</td>
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<td>60</td>
<td>12mm ID x 24mm OD x 2mm Flat Washers</td>
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<td>38</td>
<td>12mm Nylock Nuts</td>
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<tr>
<td>4</td>
<td>10mm x 25mm Hex Head Bolts</td>
</tr>
<tr>
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<td>10mmx 70mm Carriage Bolts</td>
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<tr>
<td>8</td>
<td>10mm ID x 20mm OD x 1.5mm Flat Washers</td>
</tr>
<tr>
<td>4</td>
<td>10mm Nylock Nuts</td>
</tr>
<tr>
<td>2</td>
<td>10mm Lock Washers</td>
</tr>
<tr>
<td>2</td>
<td>Quick Disconnect Pins</td>
</tr>
</tbody>
</table>
INCLUDED COMPONENTS

(A) 

(B) 

(C) 

(D) 

(E) 

(F) 

(G) 

(H) 

(I) 

(J) 

(K) 

(L) 

(M) 

Outside Clamp

Inside Clamp

NOTE: Front gussets face towards the front of the truck on Long Bed Trucks

NOTE: Front gussets face towards the rear of the truck on Short Bed Trucks

Rope Tie-downs facing out

Driver Front or Passenger Rear (2 pcs)

Passenger Front or Driver Rear (2 pcs)
Rear Component Assembly (driver side shown)

Once you are satisfied that your layout is correct then you can begin the assembly process.

In order to properly assemble the Contractors Rack you will first need to determine if the Rack will be installed on a long bed or short bed truck. Refer to layout on page 3 & 4.

**Step One:** Starting on the driver side, slide the Uprights onto the Rear Side Rail (Fig 1a).

**Step Two:** Locate the driver side Quick Disconnect Bracket and line up the locating studs on the bracket with holes on the back of the Rear Side Rail (Fig 2a). Push the Bracket into the holes in the Rear Side Rail and attach it to Side Rail using (1) 10mm x 25mm Hex Head Bolt, (1) 10mm Flat Washer, and (1) 10mm Lock Washer. Attach the Side Rail grab handle to the inside of the tab on the Quick Disconnect Bracket using (1) 10mm x 25mm Hex Head Bolt, (2) 10mm Flat Washers, and (1) 10mm Nylock Nut (Fig 2b).

**NOTE:** Proceed to fully tighten the bolts in step 2. Do not tighten any other bolts until directed to do so.

**Step Three:** Attach the driver side rear Upright to the Quick disconnect Bracket using (2) 16mm x 70mm Shoulder Bolts, (2) 16mm Flat Washers, (2) 12mm Flat Washers, and (2) 12mm Nylock Nuts (Fig 3a).

**NOTE:** Repeat steps 1 - 3 for opposite side.
**Step Four:** Attach the Rear Cross Bar to Quick Disconnect Brackets using the (2) Locking Pins included (Fig 4a).

**Step Five:** Attach the rear driver side Mounting Foot to the bottom of the driver side Upright using (1) 16mm x 90mm Hex Head Bolt, (2) 16mm Flat Washers, and (1) 16mm Nylock Nut (Fig 5a).

**NOTE:** The lip on the foot must face towards the inside of the truck bed. Repeat step 5 for passenger side Mounting Foot.

**Step Six:** Secure the top clamp of the Rear Upright to rear Side Rail using (2) 12mm x 50mm Hex Head Bolts, (4) 12mm Flat Washers, and (2) 12mm Nylock Nuts (Fig 6a).

**NOTE:** Repeat step 6 for passenger side.

**IMPORTANT NOTICE:** The rear section of the Contractors Rack should now be fully assembled at this time. Only the hardware listed in step 2 should be tightened at this time. **Any other hardware should be loose** (Fig 6b).
Front Component Assembly (passenger side shown)
Follow the instructions below which correspond to the truck bed size that you will be installing the Rack on.

**IMPORTANT NOTICE:** There are two positions for the front Uprights and the front Cross Bar, depending on whether the Rack is to be installed on a short bed or long bed truck. Determine whether you have long bed or a short bed truck application and slide the components onto the Side Rail as shown below. Do not tighten any hardware until directed to do so.

### Short Bed Assembly

With the gussets on the Front Cross Bar facing the rear of the Rack, slide it onto each of the front Side Rails first, and then with the gusset on the Uprights facing the rear of the Rack, slide them onto each of the Side Rails behind the Front Cross Bar (Fig 6c).

### Long Bed Assembly

With the gussets on the Front Cross Bar facing the front of the Rack, slide it onto each of the front Side Rails first, and then with the gusset on the Uprights facing the front of the Rack, slide them onto each of the Side Rails behind the Front Cross Bar (Fig 6d).
**Step Seven:** Attach the passenger side Mounting Foot to the front Upright using (1) 16mm x 90mm Hex Head Bolt, (2) 16mm Flat Washers, and (1) 16mm Nylock Nut (Fig 7a).

**NOTE:** The lip on the Mounting Foot must face towards the inside of the truck bed.
Repeat step 7 for driver side Mounting Foot.

**Step Eight:** Attach the gusset on the Front Cross Bar to Front Upright using (2) 16mm x 70mm Shoulder Bolts, (2) 16mm Flat Washers, (2) 12mm Flat Washers, and (2) 12mm Nylock Nuts. Proceed to secure the top clamp of the front Upright to front Side Rail using (2) 12mm x 50mm Hex Head Bolts, (4) 12mm Flat Washers, and (2) 12mm Nylock Nuts (Fig 8a). Short bed assembly shown.

**NOTE:** Repeat step 8 for driver side.

**Step Nine:** Slide the Cab Hoop onto both Front Side Rail assemblies. Secure the Cab Hoop to Side Rails using (2) 10mm x 70mm Carriage Bolts, (2) 10mm Flat Washers, and (2) 10mm Nylock Nuts (Fig 9a).

**NOTE:** It may be necessary to tap the parts together using a rubber mallet.

**Step Ten:** The front section of the Contractors Rack should now be fully assembled at this time and all the hardware should be loose. Slide the front and rear assemblies together (Fig 10a).

**NOTE:** It may be necessary to tap the parts together using a rubber mallet.
**Step Eleven:** The Side Rail Assembly Clamps are installed in pairs. One side has a square hole and the other side has round hole. Place the Clamp with the square hole to the outside of the Rack and place the Clamp with round hole to the inside of the Rack. Center the Clamps over the joint and secure them using (2) 16mm x 35mm Carriage Bolts, (2) 16mm Flat Washers, and (2) 16mm Nylock Nuts (Fig 11a).

**NOTE:** Repeat step 11 for opposite side.

**Step Twelve:** The last component is the Center Cross Bar. The Center Cross Bar is adjustable and can be positioned anywhere along the Side Rail. To attach the Center Cross Bar, place the “U” shaped clamp over the lower Side Rail bar and secure it using (2) 12mm x 75mm Hex Head Bolts, (4) 12mm Flat Washers, and (2) 12mm Nylock Nuts (Fig 12a).

**Step Thirteen:** Before lifting the Contractors Rack onto the truck bed, you will need to size it.
- Measure the length of the truck’s bed with the tailgate closed.
- Subtract 4 inches from the measurement, which is the approximate spacing of the Uprights.
- Measure between the center of the Uprights and move the front Uprights backwards or forwards as needed (Fig 13a).

*Remember do not tighten any bolts!*

**Step Fourteen:** Your Contractors Rack should be fully assembled and sized for your truck at this time. The next step is the installation process and will require the help of 1 or 2 assistants to lift the Rack into position.
- Lift the Rack onto the bed rails of the truck.
- Align the rear Mounting Feet as close as possible to the corner of the bed rail.
- Have your assistant position the front Mounting Feet as close as possible to the corner of the bed rails.
  **NOTE:** The Uprights can be adjusted while the Rack is on the bed.
- When you are satisfied with the spacing of the Uprights on the bed rails, proceed to attach the Rack to the truck in one or two ways: NO DRILL or DRILLING INSTALLATION.
- Please follow the instructions on the next page, which outline your choice of the installation method.
No Drill Installation

1. In order to safely attach the Contractors Rack to the truck bed, you must use (2) “J” Hooks per Mounting Foot to hold the Rack in place. In some truck beds there are obstructions under the bed rail which would prevent using (2) “J” Hooks. If you experience difficulty using (2) “J” Hooks per Mounting Foot because of under bed rail obstructions, you will need to re-adjust the Upright spacing in order to attach (2) “J” Hooks.
2. Insert “J” Hooks from the bottom of the Mounting Foot and engage them under the bed rail.
3. Secure the “J” Hooks to bed rail using (2) 12mm Flat Washers and (2) 12mm Nylock Nuts (Fig 14a).
4. If any portion of the threaded part of the “J” Hook remains above the bed rail, cut it off using a hacksaw or bolt cutter.

Drilling Installation

1. Stand on the outside of the truck bed. Pull the Mounting Foot towards you until the lip of the Mounting Foot sits firmly against the edge of the bed.
2. Mark the three slots on the top of the Mounting Foot using a felt tip marker.
3. Repeat steps 1 & 2 for the other three Mounting Feet. Remove Rack from vehicle. NOTE: Ensure that the rear feet and front feet are in the same locations, in relation to the front and rear of the bed.

IMPORTANT! Before drilling your vehicle’s bed rail, check to see if you have a clear hole from the top of the bed rail to the underside. You will need a minimum of (2) bolts to attach each Mounting Foot to the vehicle. If you do not have (2) clear holes, re-adjust the spacing of the Uprights on the bed rails until you do.
4. Using a 5/16” drill bit, drill all marked locations on the vehicle’s bed rails.
5. Apply a small amount of rust inhibitor (not included) to the metal surface before attaching the Mounting Feet to the bed rail.
6. Place Rack back on the vehicle and secure the Mounting Feet to the vehicle using (12) 12mm x 40mm Hex Head Bolts, (24) 12mm Flat Washers, and (12) 12mm Nylock Nuts (Fig 15a).

Final Alignment

1. Once the Rack has been securely attached to the vehicle, it can be aligned and the bolts tightened in place.
2. Proceed to the front of the vehicle and note the horizontal alignment of the front hoop in relation to the horizontal surface of the truck’s cab roof. Have an assistant push or pull the rack until the two are parallel (Fig 16a).
3. When you are satisfied that the Rack is properly aligned, proceed to tighten the Uprights to the Mounting Feet.
4. Proceed to tighten all the hardware at this time.
5. Do periodic inspections to the Contractors Rack to make sure all hardware is secure and tight.