Convertible Bench

Honda Ridgeline Saturday Projects

This Convertible Bench can be used in several modes:

A Bench
A Table
A Two-Seater Bench
A Love Seat
A Chair with a Built-in End Table

All in one single project!
# Cut List

<table>
<thead>
<tr>
<th>Section</th>
<th>Part ID</th>
<th>Part Description</th>
<th>Material</th>
<th>QTY</th>
<th>Width</th>
<th>Length</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bench Assembly</td>
<td>A</td>
<td>Seat</td>
<td>3/4” Plywood</td>
<td>45</td>
<td>See Template</td>
<td>See Template</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>Seat Support</td>
<td>3/4” plywood</td>
<td>8</td>
<td>See Template</td>
<td>See Template</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>Spacer</td>
<td>3/4” plywood</td>
<td>16</td>
<td>OD cut w/ 4” hole saw</td>
<td>n/a</td>
<td>3/4”</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>Pipe</td>
<td>EMT Conduit</td>
<td>2</td>
<td>2 1/4” OD</td>
<td>5’</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Note: 3/4” plywood is typically sold as 23/32”

You will need:
5 each 4’x8’ sheets of plywood
2 each Metal EMT Conduit 2 1/4” OD by 5 feet long

Special note for Metric Users:

Due to differences in building codes from country to country, the size of the EMT pipe may not be the same size or readily available in your area.

You will need to select a pipe of similar size, approximately 57mm OD. Then select a corresponding hole saw to make the spacer rings, and through holes in the seat.

Plywood thickness 19mm
Exploded View

A - Seat

B - Seat Support Left

Need 15 seat Assemblies

Need 16 Spacers

Install Spacer between each piece

C - Spacer

D - Pipe

D - Pipe

B - Seat Support Right
Seat Assembly

A - Seat

Glue and screw 3 pieces together to create the seat assembly
Seat Support Assembly

Do not cut holes on the outside facing side support

Glue and Screw 4 pieces together

Make the opposing support a mirror image

You will need one for each side of the seat
Spacer Detail

C - Spacer

OD Cut using a 4" hole saw

ID Cut using a 2 1/4" hole saw

Need 16 each
Plywood Sheet #1

Need 4 each of this layout
Plywood Sheet #2

Need one Sheet of This Layout