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Manufacturers and Distributors of quality chassis, suspension, driveline and components

C/E 4121 – Light Weight Door Hinge Kit

PARTS LIST:

- | | |
|---|---|
| 2...Door Hinge Plates - Part No.4121-41 | 2...Door Hinge Plates - Part No.4121-42 |
| 2...Upper Mounting Pin Tube (Short Pin) | 2...Lower Mounting Pin Tube (Long Pin) |
| 16...10-32 x 3/4" Stainless Bolts | 16...10-32 Stainless Nylock Nuts |
| 2...Door Hinge Safety Tabs | |

These instructions are just one way of properly installing Door Hinge kits. Depending on your fabrication experience, you may find it easier or more convenient using other methods that accomplish the same results. Every installation is slightly different and we have attempted to structure these instructions to make your installation as easy as possible.

Installation:

- 1...Use a level to mark a line 90 degrees from the floor on the face of both doors from the top to bottom as a reference line. Both the top and bottom pin holes in the door hinge plate must be the same distance from this line so the door will swing level.
- 2...Hold the top and bottom door hinge plates on the door with the pin hole on the top door hinge plate as far to the outside of the door as possible. A spread of at least 10 inches (the wider the better) from the top to the bottom hinge plate is required. The distance that the top door hinge pin hole is from the reference line should be the same on the bottom. You may have to move the plates around to get both of them at the same measurement. If you need to, you can trim the end of the plates and re-drill the holes, if they are too wide for the door.
- 3...Bolt the hinge plates to the door using two of the holes in each plate diagonally from each other for now. The remaining bolts will be installed later.
- 4...Cut and fit the top door mounting pin tube (Short pin) and the bottom door mounting pin tube (Long pin) to go from the chassis to the door hinge plates. The tubes should be close to being 90 degrees from the chassis centerline. If the tube goes from the door towards the front of the car on a steep angle the front of the door will hit the tube before the door is open all of the way. Tack weld both of them in place after fitting.
- 5...Repeat steps 2-3-4 for the other door.
- 6...Tack weld the safety tab to the top mounting pin tube on the front side so the door has to open at least 15" for the door mounting plate to rotate out from under the safety tab. Move the safety tab in or out on the tube until you have this dimension. Repeat for the other door.
- 7...After both safety tabs are installed and the doors swing correctly, install the rest of the bolts in the door hinge plates.
- 8...After welding, there may be additional tubing needed to help support the door mounting pin tubes to keep them from moving front to back. Adjustment of the doors is done by tapping on the mounts.

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