



Light weight Door Hinges

C/E 4121

Parts List:

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| 2...Upper Door Hinges Plates 1R 1L | 2...Lower Door Hinges Plates 1R 1L |
| 2...Upper Mounting Pin Bars (Short pin) | 2...Lower Mounting Pin Bars (Long pin) |
| 16...10-32 X 3/4" Stainless Bolts | 16...10-32 X Stainless Lock Nuts |
| 2...Door Hinge Safety Tabs | |

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 pinholes 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 pinhole on the top door hinge plate as far to the outside of the door as possible. A spread of at least 10" (The wider the better) from the top to the bottom hinge plate is required. The distance the top door hinge pinhole 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 door hinge plates to the doors using only two of the holes in each plate diagonal from each other for now. The remaining bolts will be installed later.

4...Cut and fit the top door mounting pin bar (short pin) to go from the chassis to the door hinge plate. The bar should be close to being 90 degrees from the chassis centerline. If the bar goes from the door towards the front of the car on a steep angle the front of the door will hit the bar before the door is opened all the way. Tack weld both of them in place after fit.

5...Repeat steps 2-3-4 for the other door.

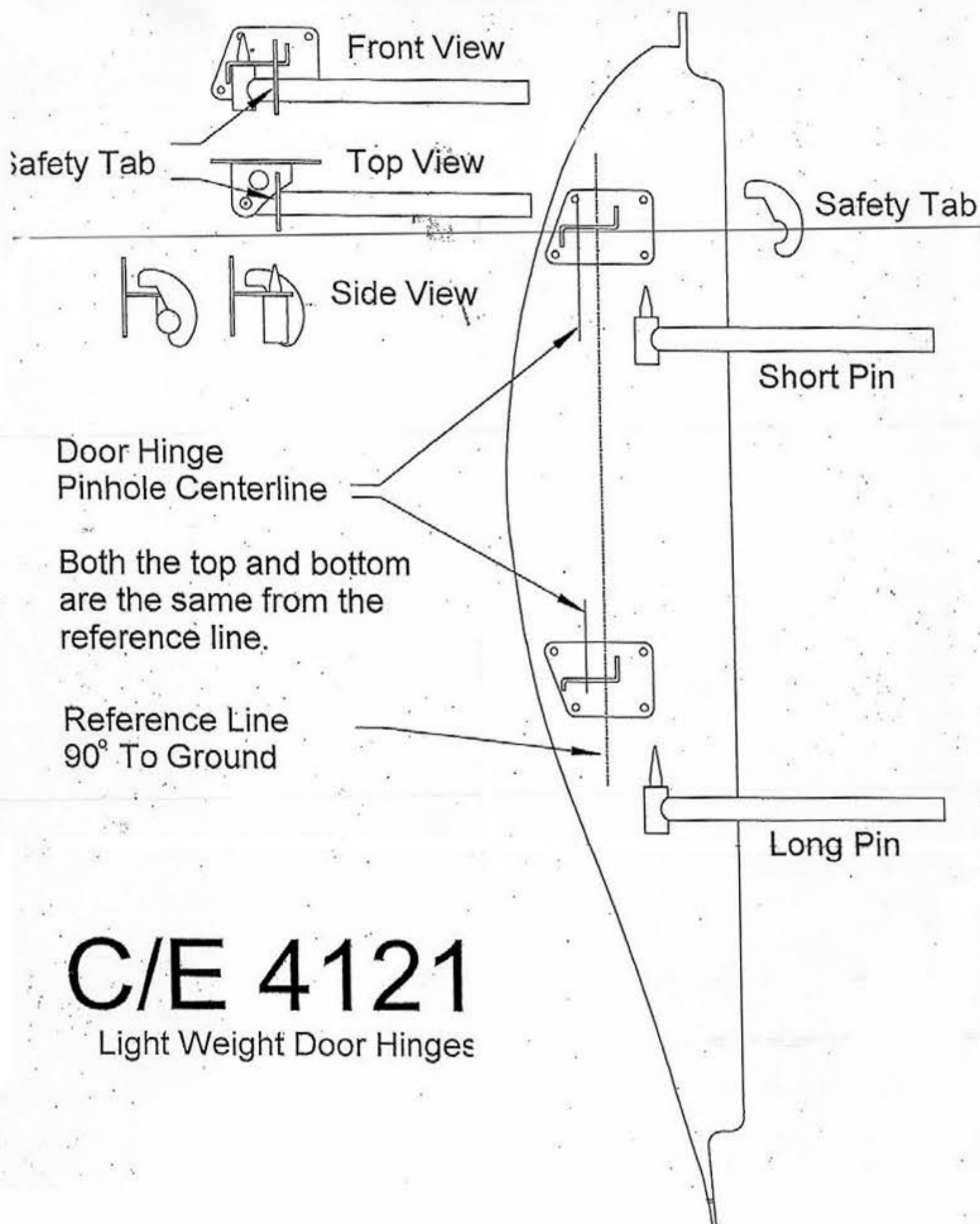
6...Tack weld the safety tab to the top mounting pin bar on the front side so the door



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 bar until you have this dimension. Repeat this on the other side.

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 and keep them from moving front to back. Adjustment of the doors is done by hitting the mounting pin tubes front to back and up and down.



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