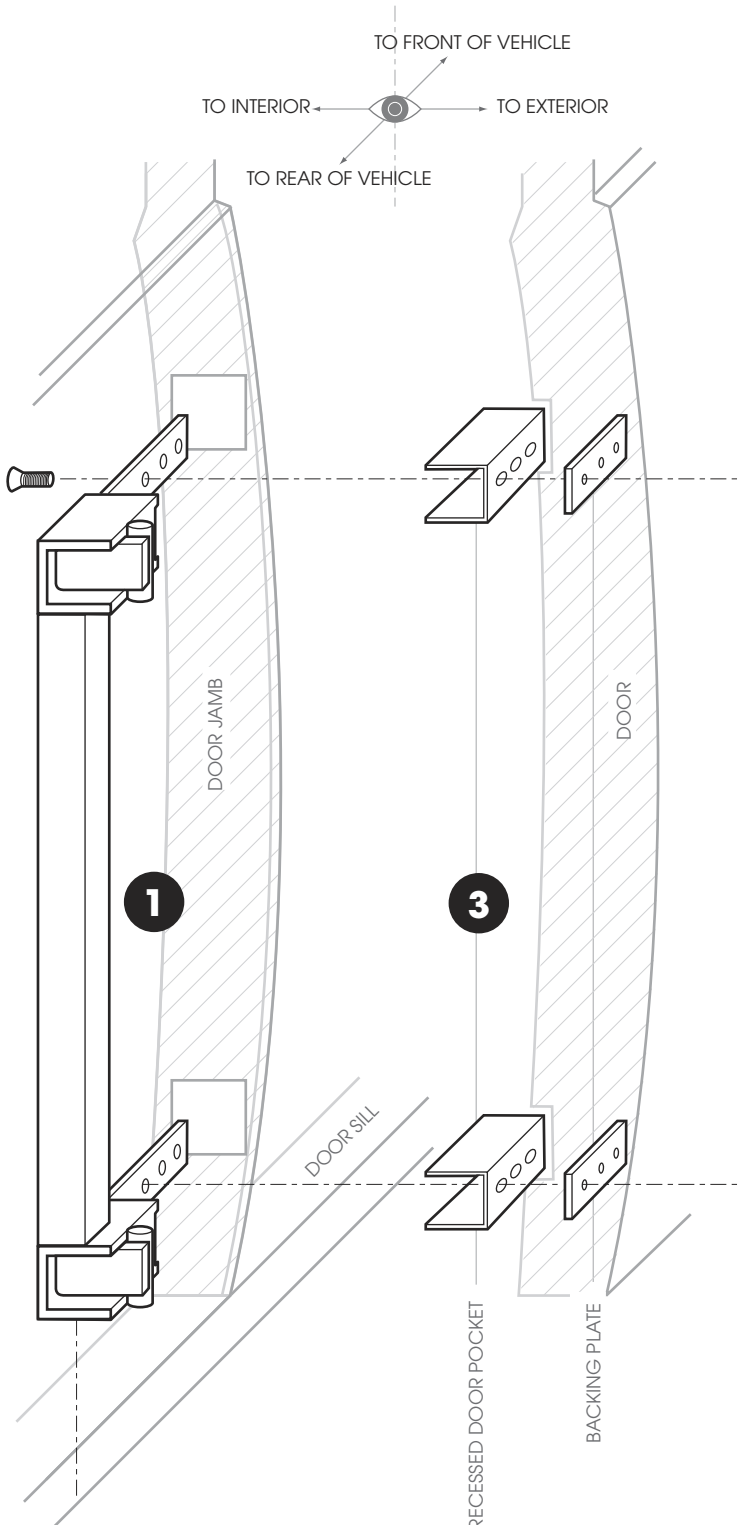


# USER GUIDE AND INSTALLATION MANUAL SUICIDE HIDDEN HINGE SYSTEM



**HDHIN** - 2 Door Suicide Hidden Hinge System  
**HDHIND** - 2 Door Deluxe Suicide Hidden Hinge System



- 1** Hold the hinge assembly up to the door jamb section of the body. Pick a location that is the approximate middle of door from top to bottom.

**IMPORTANT** Keep the hinge assembly as close to the outer door skin as possible. The edge of the hinge square should be just up against the step in the jamb post. Applications will vary, but as a reference, there should be a maximum of 1/4" to 3/8" distance from the outer door skin to the edge of square cut outs.

**IMPORTANT** In order to have the door open level, the hinge assembly should be perpendicular to the ground. In some cases, the top hinge may be at a different distance from the outer door skin than the bottom hinge.
- 2** Bring the hinge assembly inside the vehicle and match the square holes with the square hinge tubing. Slide the assembly forward until the pivot pin is approximately one inch from the door jamb section of the body. This is a very critical step. This location of the pivot pin allows the door to push away from the body as the door swings back.

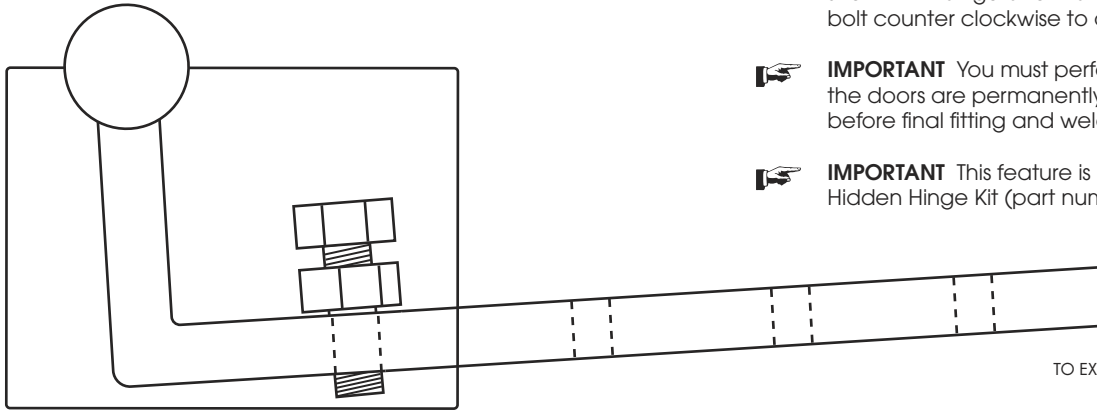
**IMPORTANT** The pivot point rests on the outer door skin and is kept back approximately 1" from the door jamb. These two placements are critical. If this placement is not possible in your situation, locate the hinge as close to it as possible.
- 3** The swing arms will protrude from the door jamb into the door in a way that may not be flush with the inner door skin. If this is the case, it will be necessary to build recessed door pockets to match the swing arms to the door skin. Hold the door up to the body and determine the location of the recessed pocket.

**IMPORTANT** At this point, the hinge assembly should only be welded in place with tack-welds until the door can be checked for proper operation.
- 4** If it isn't necessary to build recessed door pockets, you may disregard them and mount the swing arms to the inner door skin with the supplied backing plates (two provided per side.)

**IMPORTANT Tack-weld** the door to the body with the desired door gap before attaching the swing arm to the inner door skin. After door has been temporarily attached, push the swing arm up to the inner door skin from inside the vehicle. At this point, mark the holes to be drilled for mounting the door. Slightly over size the mounting holes to allow for future adjustments. Cut door loose and check swing.

Note that in some applications, the backing plate location can be switched to the interior side

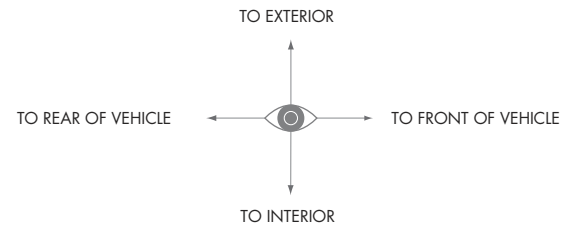
TOP VIEW DRIVERS SIDE



**5** Fine adjustment bolt. Depending on your application, you may need to install and use the fine adjustment bolt to move the door outward. Install the bolt as shown in the figure to the left. Once installed, turn the bolt counter clockwise to adjust the door outward.

**IMPORTANT** You must perform this procedure before the doors are permanently attached. Trial fit everything before final fitting and welding.

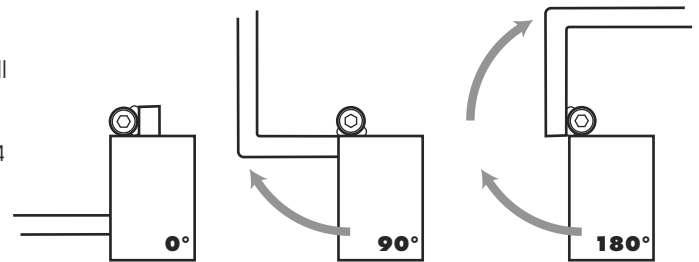
**IMPORTANT** This feature is included only in the Deluxe Hidden Hinge Kit (part number HDHIND).



## 180° Suicide Hinge Supplement

To allow 180° of door rotation, follow the steps below. May not work all all vehicles. Trial fit everything before finally fitting and welding.

1. Shown is a view of the original hinge before modification. There are 4 hinge points on each kit.
2. Remove hinge arm by loosening bolt.
3. Cut hinge pocket as shown. Close to the hinge bolt.
4. Here is a view of the hinge arm reinstalled after cutting.



**IMPORTANT** You must perform this procedure before the doors are permanently attached. Trial fit everything before final fitting and welding.

**IMPORTANT** Hinge pocket should be reinforced if used as a 180° kit.

