



8305 Optional Back Plates for Heavy Duty Strap Hinges Installation Instructions

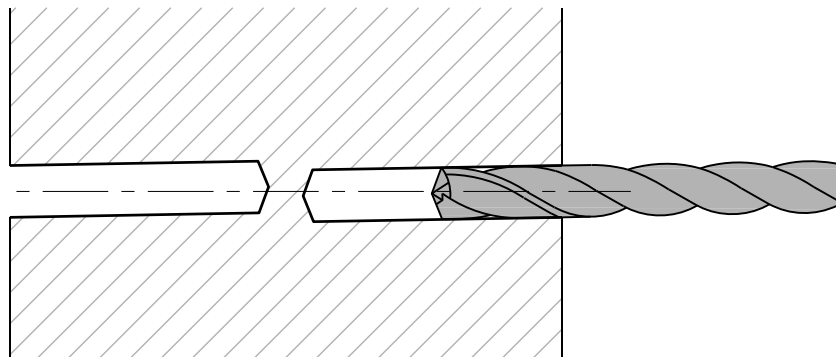
Before you begin installation, please consult your local building code and/or pool code to ensure this product is suitable for your application. Periodic maintenance and testing to ensure proper operation is recommended.

BEST INSTALLATION PRACTICE:

1. When installing hardware on two sides of a gate or post, we recommend drilling halfway through from either side. By doing this you will end up with a perfectly aligned installation and remove the possibility for any errors or inconvenience that could result from having a slightly crooked hole. We have found that it is almost impossible to drill a straight hole through a gate or post sufficient enough to align hardware on the back side, it always ends up a little askew. There are just too many variables to control in this scenario so to make it easier and more successful, we recommend this method.
2. Simply measure, mark and align the hardware in the same position on both sides of the gate or post and use the holes in the hardware as guides to start your drill holes. We would typically clamp the hardware into position at this stage to keep it steady while we drill.
3. It is best to use a "Standard" or "Jobber" type drill bit (typical low-cost metal drill bits) for this purpose because the point/tip of it will find the first hole much easier when you are drilling the second hole. Do not use brad point bits, auger type bits or forstner type bits for this process as they cut from the outside of the bit and have a centering point which makes it harder to have the wondering effect inside the wood that we are looking for in this process.
4. Drill only halfway through the gate or post from the first side and then flip to the other side and drill the other halfway through. In this method the second hole will find the first even if it is slightly out of alignment because the first hole becomes the path of least resistance for the spinning drill bit.
5. You will still need to be fairly accurate and straight as you drill for this to work – the closer the better. You can achieve this by using a framing square on the gate or post and eyeing up the position of the drill bit to be parallel with the square. It's not an exact science but every bit helps.

IMPORTANT:

Our back plates and functional hinges may have been manufactured at two different times. While the stamping process of each is pretty consistent, the forging process of the bends and radiuses in the functional hinges can cause a slight mis-alignment (+/- 0.25") with the back plates from time to time. This is not considered a defect and if you follow the above installation tips, your installation will be successful.



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