



How to Replace a Middle Roller and Hinge

Often as a property owner you will be required to replace the garage door rollers that lie between the bottom and top fixtures. They can be seen running along the entirety of the door apart from the highest and lowest ends. The procedure described below also applies to replacing hinges which are found on the sides next to the tracks. In terms of preliminary precautions you should ensure that you are dealing with the right roller. For example there are specific instructions that relate to the roller that is held firm at the bottom of the bracket. Use the wrong procedure and you could end up with a collapsed garage door. Also never remove a second hinge before the first one is secured as this will almost certain lead to slugging and a big crash.

1. **Bolts:** Remove the bolts which are used to keep the hinge fixed to the door. You should then remove both the roller and hinge. Angle the stem towards the inside in order to remove the roller from the track before removing the roller from the hinge. Where you are replacing the roller then the new part should be inserted into the older hinge. Where you are merely replacing the hinge, the old roller is inserted into the new hinge. Where both are being replaced then the roller must be inserted into the hinge.
2. **Ends:** The two ends will have hinge holes which are ready for the lag screws. Ensure that the end with the slot is at the top and the hole is at the bottom. Insert your roller in the track by angling it towards the inside of the garage door. Ensure that the holes are lined up properly to receive the hinges. The next step is to ensure they hinge to the door. Where the old bolts are broken, do not hesitate to add a new one. Check the tightness of the bolts using a socket particularly where you used a drill or impact wrench.
3. **Maintenance:** Take the opportunity to look at the condition of the belts as well as the racks. You may also look for signs of rust and wood lice. The principle is that since the garage door is rarely disassembled, every time you work on it should be a comprehensive exercise that covers all the bases. It is generally a good idea to have diagrams and sketch maps with you as you work on the hinges and rollers. As we have seen above, some of the parts differ in terms of their placement depending on the type of garage door that you are using.
4. **Testing:** Gently open and close the garage door. Watch out for signs of sagging or creaking because this may mean that you have not installed the hinges and rollers correctly. If that is the

case then you need to carefully start the process again to ensure that you get it right. Remember that although hinges and rollers are not the biggest parts of a garage door, they have a significant impact on how the structure actually operates.

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