

## GARAGE DOOR REPLACEMENT

Based on the 2017 NEC and the  
Minnesota State Residential Building Code  
Division Policy: # 2013-04 Issue Date: March 5, 2013

1. Manufacturer's product approval and installation specifications are to be on site.
2. All vehicular access doors shall be tested in accordance with either ASTM E 330 or ANSI/DASMA 108 (Wind testing), 2012 IRC R612.4/2015 MN State Residential Building code.
3. The door is to be installed as per the manufacturer's instructions.
4. **Garage door opener.** All garage door openers are to have an outlet. (Extension Cords are not permitted), 2017 NEC 400.12 (1) Uses Not permitted.
5. Door balance test. If the door is equipped with an automatic opener system: close the door and disconnect the automatic opener. The door should lift smoothly with little resistance and should remain fully open.
6. Reversing mechanism test. When the door strikes an object the door should automatically reverse. (A 2x4 can be used).
7. Photo eye test. The reversing mechanism must function if the photo eye or edge sensor is obstructed. The photo eye or edge sensor as added measures of safety to prevent entrapment.
8. Force setting test. The garage door shall reverse or stop when meeting reasonable resistance during closing.