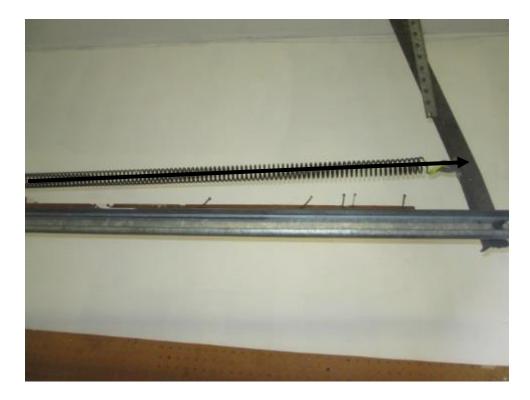
Michael Dandurand, P.E. 637 East Willow Street Gardner, Kansas 66030 www.RoyalInspectionsKC.com



Foundation Certifications FHA / HUD Certifications Engineering Consultations Licensed in Missouri & Kansas

## SAFETY CABLE FOR GARAGE DOOR HELPER SPRING



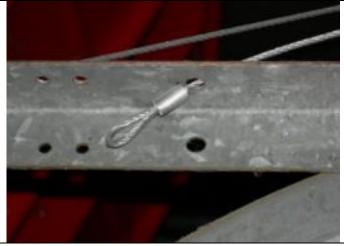
Safety cables are braided steel cables that are installed through garage door helper springs. They will keep the spring in place in the event it breaks from repeated wear over its useful life. A broken spring can snap with enough force to break a windshield, injure a person or put a significant hole in a wall. Garage door helper springs are under significant tension when the door is closed. They will 'help' pull the heavy garage doors upward when hand operated or motorized garage door openers are used. Safety cables are attached to the garage door track or wall near the stationary pulleys (exterior wall of home), threaded through the helper springs, and attached to the same support as the spring on the end of the garage door track mount. Safety cables are easy to install (less than an hour for a pair) and come in a kit with fasteners and other accessories. Double check the existing door hardware before purchasing a kit in case you need any extras (eye bolt, s hook, etc.)



This is a garage door helper spring without a safety cable installed.



This is a kit you can purchase from your local hardware store.



It is recommended to install the safety cable with the garage door open to limit tension on the helper spring. Attach one end of the safety cable near the stationary pulley.



Thread the cable through the center of the helper spring and attach the other end to the garage door track mount.

The cable installation should be slack free and secured firmly at each end to prevent the spring from catching on the cable during door movement. After you have installed both safety cables, one through each spring, test the garage door. We recommend disengaging the motorized opener and testing by hand first. You can check for proper installation and ensure there is no binding.