

How to

replace garage door cables and bottom brackets, extension spring door.

If your extension spring door is not currently equipped with safety cables, you must install them NOW! The intent of safety cables is to keep an extension spring in place in the event of spring or cable failure. Safety cables are the single most important component on any extension spring door. Property damage, serious injury and even death can be caused by errant extension spring.

Replacing garage door cables and bottom brackets is performed differently on torsion spring doors vs. extension spring doors. **VERY IMPORTANT!!!**

NEVER WORK ON OR NEAR EXTENSION SPRINGS WITH DOOR DOWN AND SPRING UNDER TENSION.

CAUTION: Repairing a garage door is a dangerous task. Garage door springs are under extreme tension and require appropriate safety precautions. Realize and understand the risks before undertaking any repair. Your health and safety is the #1 concern. No amount of financial savings is worth jeopardizing your health. Failure to understand/follow the recommendations below could result in property damage, personal injury or death. While all efforts are made to provide accurate information and guidance, it is impossible to predict all repair circumstances. Accordingly, the user agrees that use of this website; products and information contained herein are at your own risk. In no event shall youdoit Door Repair be liable for any property damage, personal injury/death, or any other loss or damage that may result from your use of the information and products provided on this site. All information contained within this site is provided "as-is" without warranty expressed or implied. User assumes all responsibility/risk for use of information and products purchased.

Do not attempt any garage door related repair unless:

- 1) You utilize the proper tools and safety equipment. Safety glasses and gloves must be worn at all times. Work boots are recommended. Loose fitting clothing and jewelry should NOT be worn during any repair.
- 2) You must possess a reasonable amount of mechanical aptitude and experience.
- 3) You are physically able to complete the task (climbing ladders, using wrenches and installing springs require a reasonable amount of physical strength, agility and ability).
- 4) You are able to completely read, precisely follow/understand the instructions.

If you have any doubts about your ability to perform the work safely, we recommend you contact a door professional to complete your repair.



TOOLS NEEDED:

Sockets & Ratchet
3/8" - 7/16" - 1/2"

Ladder

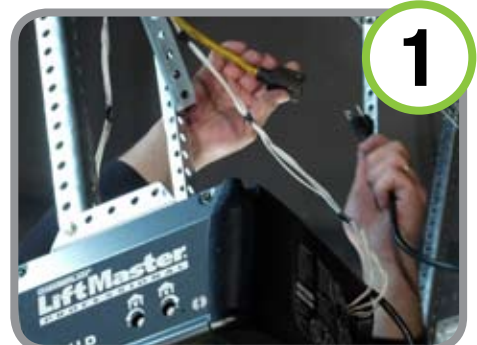
Locking Pliers

C Clamps

Gloves

Safety Glasses

Extension Spring Door



Unplug garage door opener



Disconnect garage door opener from garage door



3

Open door fully, attach clamp or locking pliers under second roller
ON BOTH SIDES OF GARAGE DOOR!



7

Thread cable through clevis pulley



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**Work on one side of the door at a time.
Do not remove both bottom brackets
at the same time.**



4



8



13

Attach new cable to bottom bracket.



5

Remove safety cable.



9

Thoroughly inspect clevis and stud pulleys, replace/lube if needed.



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Unhook door cable from it's attachment point at door track near jamb / header.



10

Remove bottom bracket.



15

Reinstall bottom fixture.



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TESTING DOOR. IMPORTANT!
Remove clamps from track.



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Door hard to pull down and won't stay on the floor.
Reduce spring tension.



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Thread cable over stud pulley.



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STANDING IN THE CENTER OF THE DOOR SLOWLY LOWER DOOR.

Manually raise and lower door several times. Open door fully, put clamp on track under bottom roller, and **INSPECT** cable attachment @ door track to insure proper installation. **DOOR MUST BE OPEN!**



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Door hard to open and won't stay full open.
Increase spring tension.

Increase spring tension by shortening cable length.

Reduce spring tension by lengthening cable length.

Increase or decrease cable length no more than one inch at any one time.



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Thread cable around clevis pulley.

BOTH SPRINGS MUST HAVE AN EQUAL AMOUNT OF TENSION.



19

Attach cable to its attachment point on the track near the jamb/header.



22

Open garage door fully.
Does the door clear the opening?
Close the door.
Does the door stay on the floor?

(NOTE: WE HAVE PLACED A PC OF TAPE @ ORIGINAL ATTACHMENT POINT FOR REFERENCE.)



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After all adjustments have been made, Reattach garage door opener.

Plug garage door opener into a grounded outlet.

Test system.

