EN Installing US door spring kits

Replacement door spring kits have been enhanced, including (2) door springs with brackets / cord holders, (2) hinge cords, (2) spring clips, blue "R" repair label and installation instructions.

- Order one (1) kit per dishwasher, selecting door springs with the desired tension.
- Replace *all* parts – *do not* reuse existing parts.
- Replace *both* sides using the same (tension) springs, whether existing parts are OK or not.

Spring kits are used for the following repairs:

- Changing spring tensions for lighter / heavier wooden (fully integrated) door panels
- Doors drifting open / not holding position
- Doors closing on their own / failing to stay open
- Broken cords / holders / springs

Kit door springs have a color coded "dot" corresponding to spring tensions. Pink **12004116**, light blue **12004115** and black **12004117** kits are used with fully integrated dishwashers with wooden panels. Red **12004119** and blue **12004118** springs are primarily used with Evolution / Integra dishwashers with steel doors.

Spring Color	Spring Force	Replacement Spring Kit Part #	Wooden Panel Weight	Dishwasher Type
	Stronger			
Lt. Blue		12004115	Use if pink springs aren't strong enough	Fully integrated
Pink		12004116	3 - 10 kg (6.6 - 22 lb.)	Fully integrated
Black		12004117	2 - 3 kg (4.4 - 6.6 lb.)	Fully integrated
Blue		12004118	Use if black springs are too strong	Evolution / Integra
Red		12004119	------	Evolution / Integra
	Weaker			

Replacement spring kits include (2) springs with brackets, (2) cords, (2) spring clips, (1) blue "R" label & instructions -- order one kit (1) per dishwasher.

NOTE: Both sides (left / right) *must* be replaced at the *same time* using the *same* springs and cords. Spring tensions *must* be matched for doors to open / close properly.

For authorized servicers, additional assistance is available by contacting our Technical Support team at (800) 444-9091 or by visiting our Quickfinder website at http://portal.mch.bshg.com/portal.

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HINT: Many service calls have occurred from customers with dishwasher doors *without* wooden panels installed. Door springs are chosen to support the weight of most wooden panels – doors without panels are too light and close on their own.



NOTE: Hinge cords have been cut by the use of sharply pointed screws, such as drywall screws, when installing toe kicks. Use only the toe kick screws supplied with the dishwasher.

Affected pink spring dishwashers *(with FD range of 9208 - 9310)*:

- Thermador DWHD440MPR/01 & /02
- Bosch SHV53T53UC/01 & UC/02
- Bosch SHV53TL3UC/01 & UC/02
- Bosch SHV68T53UC/01 & UC/02
- Bosch SHV68TL3UC/01 & UC/02
- Bosch SHV7PT53UC/01 & UC/02

Installation instructions

Please follow these instructions for installing the following door spring kits:

12004115 12004116 12004117 12004118 12004119

Tools needed: T20 Torx & #2 Phillips screwdrivers, pliers and mallet.

Supplied parts: (2) springs w/ brackets / cord holders, (2) cords w/ holders, (2) clips, (1) "R" label.





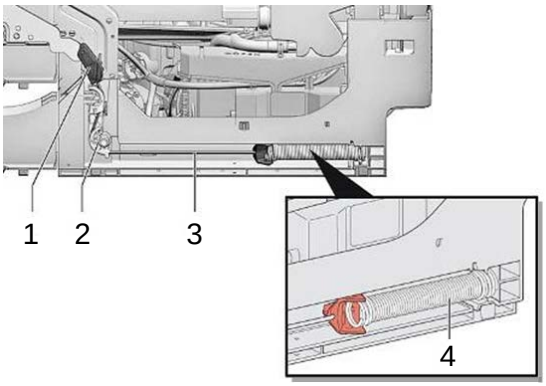


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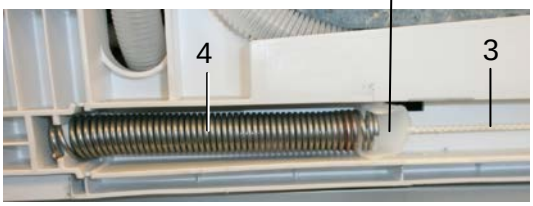
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Existing door spring system (to be replaced):



1. Cord holder
2. Sliding pulley
3. Cord
4. Door spring

Replacement cords attach to door springs differently – being inserted *into* springs instead of being slid over them.



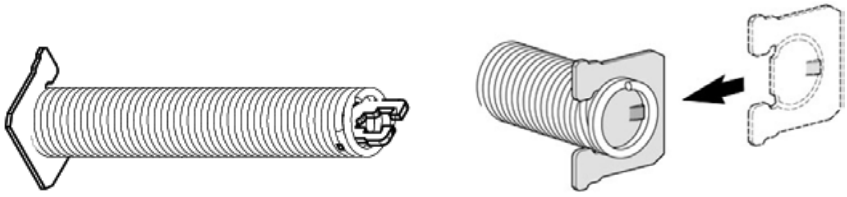
Existing door spring system to be replaced

Instructions:

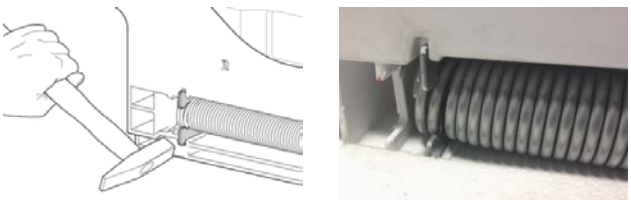
1. Turn off / disconnect electrical / water supplies as needed. Remove mounting brackets, slide out dishwasher and remove outer door.
2. To release spring tension, disconnect cords from both hinge levers. Remove sliding pulleys, cords and door springs from both sides (left / right).



3. Reinstall left and right pulleys.
4. If spring brackets aren't already installed into springs, insert them into springs.



5. To install both springs into bases, tap brackets into base slots.

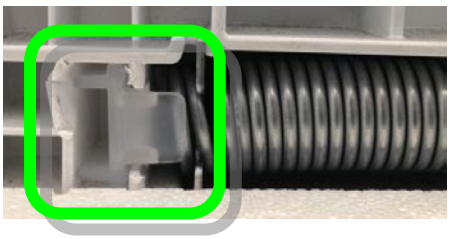


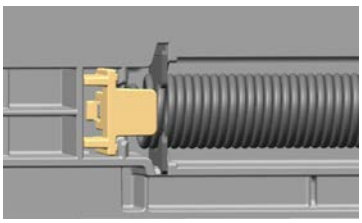
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6. Insert spring clips into both sides of bases (left / right).





NOTE: Plastic spring clips *must* be installed for dishwashers without side panels. Dishwashers with side panels *don't* need spring clips installed into bases – those clips can be discarded.

7. Insert cord ends into ends of both springs, making sure they're seated properly.





8. Thread cords through pulleys. Using pliers (since cords will be under tension), slide cord holders onto hinge levers. Make sure cords are not damaged during installation.
9. Install outer door.
10. Affix the blue self-adhesive "R" repair label to the left edge of the inner door to confirm door springs / cords have been replaced. Make sure the inner door surface is clean and dry before affixing the label.





11. Slide dishwasher into place, reconnect any disconnected electrical / water supplies and install mounting brackets.

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