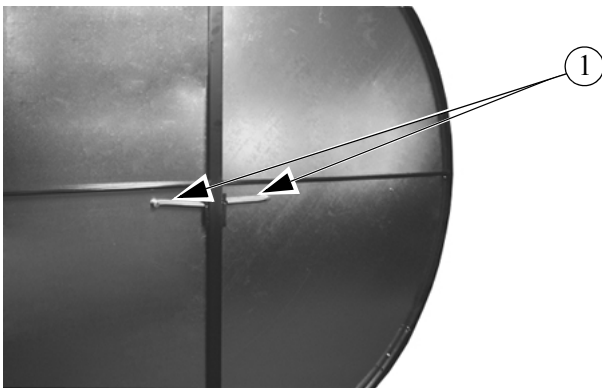




48" and 52" Hyflo® Door Spring Retrofit Kit (Part No. 49599) Instruction

The employees of Chore-Time Equipment would like to thank your for your recent Chore-Time purchase. If a problem should arise, your Chore-Time distributor can supply the necessary information to help you.

1. Disconnect power from Fan Before installation procedure.
2. Remove Grill from Cone as most of the installation can be performed from the Cone side of the Fan.
3. Remove the Door Springs and Hardware (**Figure 1**).



Item	Description
1	Old Springs

View from Back side of Doors to show Springs

Figure 1. Removing old Springs and Hardware

4. Drill a $\frac{3}{32}$ " hole $17\frac{3}{16}$ " from the edge of the Door, and $2\frac{9}{16}$ " below the old Spring hole on each Door. (See **Figure 2** below). This hole is for the new Spring.

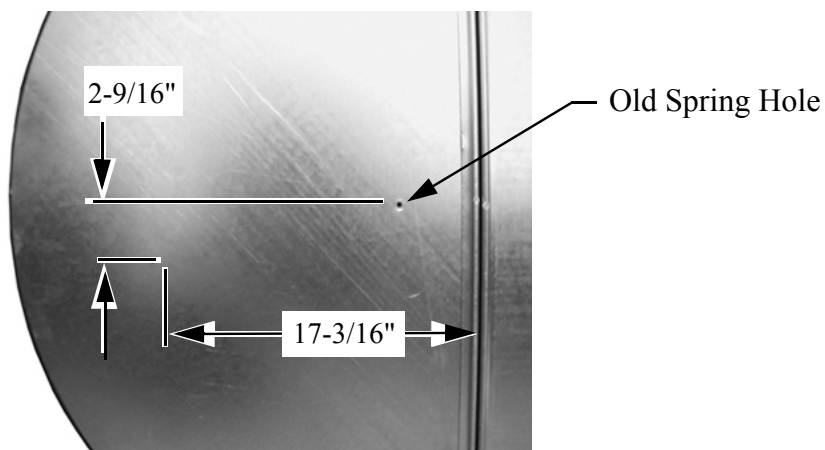


Figure 2. Drilling new Hole in Door

5. Remove the 1/4" Flange Nuts, Bolts, and Washers from the top of the Door Assembly and discard the Plastic Pivot Plate (**Item 1, Figure 3**). Replace the Plastic Pivot Plate with a new Stainless Pivot Bracket (**Item 2, Figure 4**) included in your kit, and re-fasten with the 1/4" Bolts and Flange Nuts, and Washers you removed (See **Figure 5**). Repeat the same procedure for the bottom of the Door. *An alternative* to using the Stainless Steel Pivot Plate Bracket is to drill a 3/16" hole in the Plastic Pivot Plate so that the Door Stop Wire can be installed (**Figure 6**).

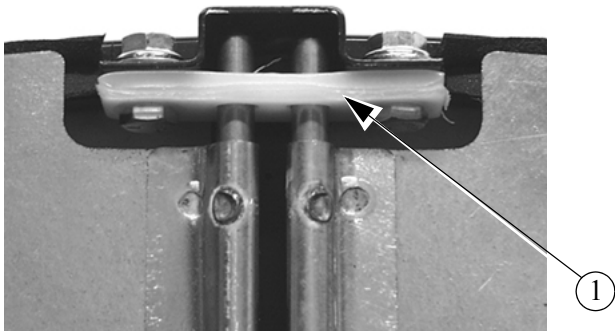


Figure 3. Removing the Plastic Pivot Plate

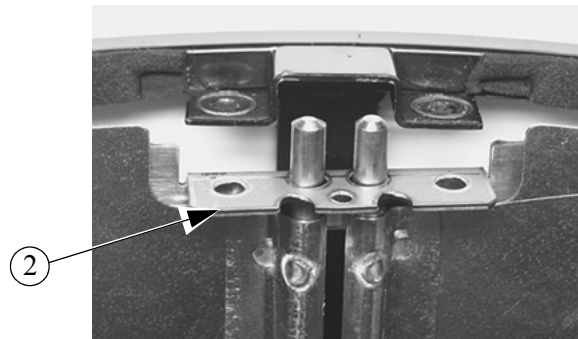


Figure 4. Replace with Stainless Pivot Bracket

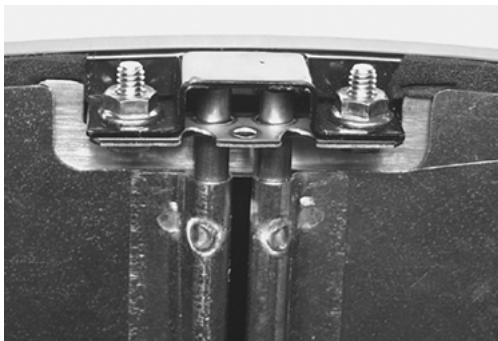


Figure 5. Re-fasten 7/16 Hardware

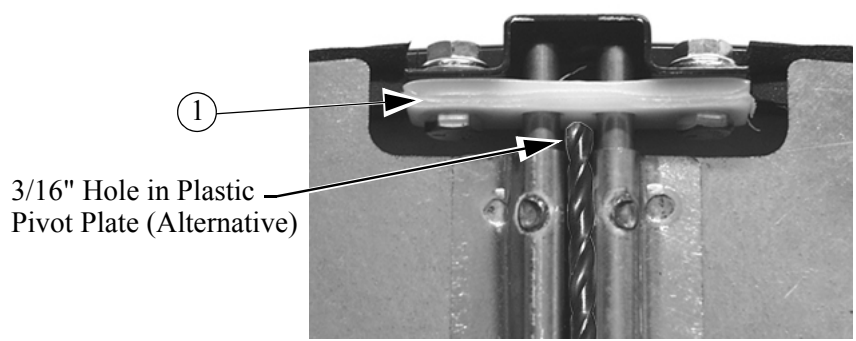
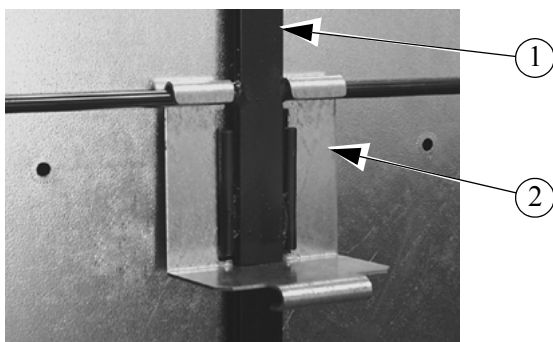


Figure 6. Drilling a 3/16" Hole (Alternative to Stainless Pivot Bracket)

Item	Description
1	Plastic Pivot Plate
2	Stainless Pivot Bracket

6. Hang the new Spring Mounting Bracket (Included in Kit) as shown in **Figure 7**.



Item	Description
1	Door Center Brace
2	Spring Mounting Bracket

Figure 7. Hanging Spring Mounting Bracket

7.Hook the rounded ends of the new Springs (Included in Kit) onto the Spring Mounting Bracket. Stretch the Springs out and hook them onto the 3/32" hole that you drilled in **Figure 2**. Repeat the same for the second Door.

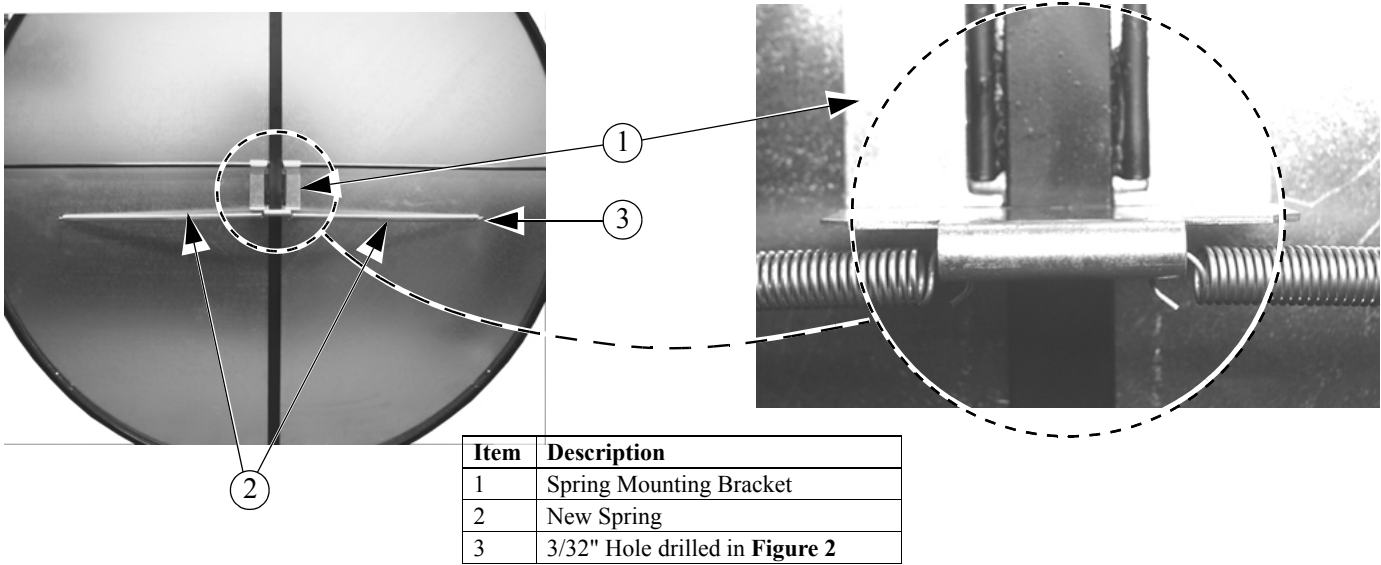


Figure 8. Attaching the new Spring

Before re-attaching the Grill you need to attach the Door Stop Spring (Included in Kit) to the Grill.

8.For 48" *Fan models* hold the Grill and hook the Door Stop Spring (Included in Kit) on the 7th section from the center of the Grill (**See Figure 9**). Be sure that the spring is not twisted. **Figure 9** shows the Spring and Wire in the correct position.

For 52" *Fan models* hook the Spring on the 5th section from the center of the Grill.

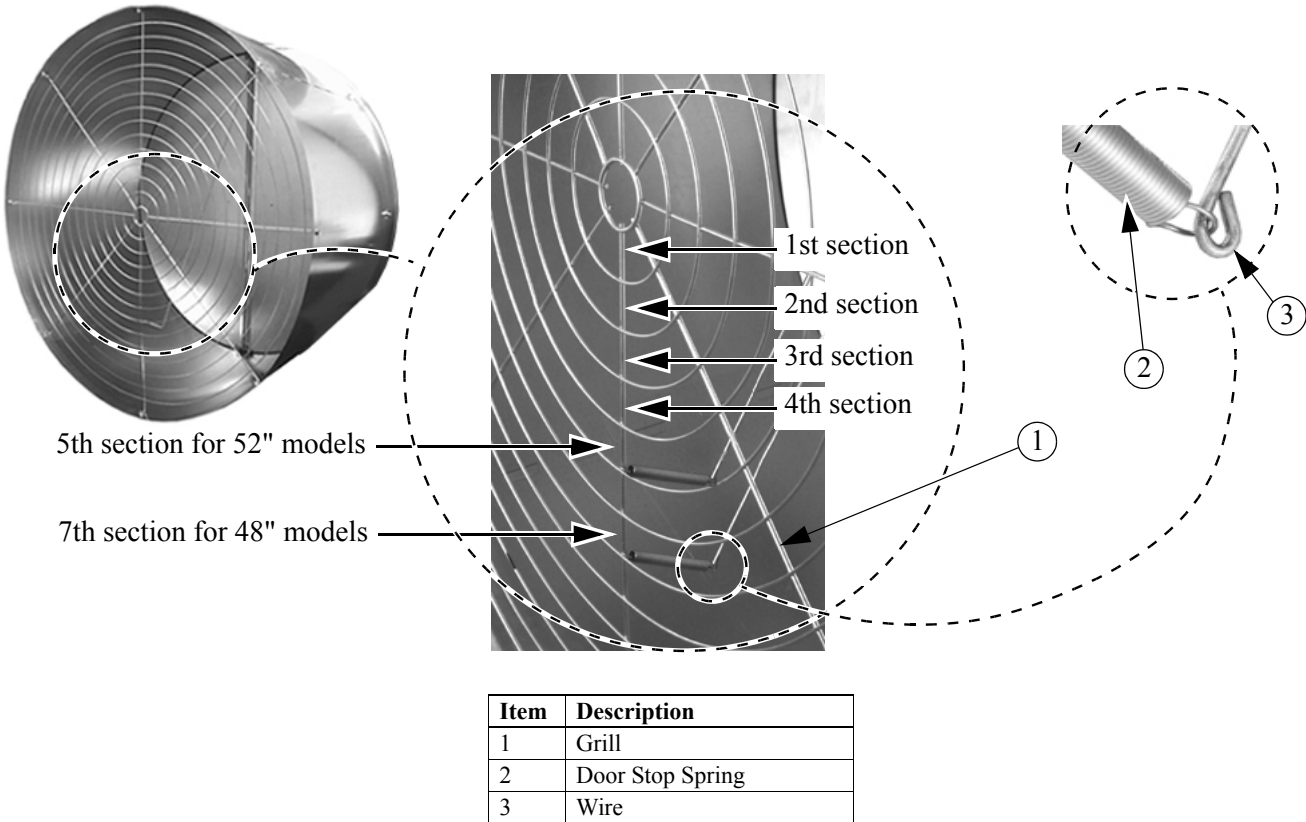
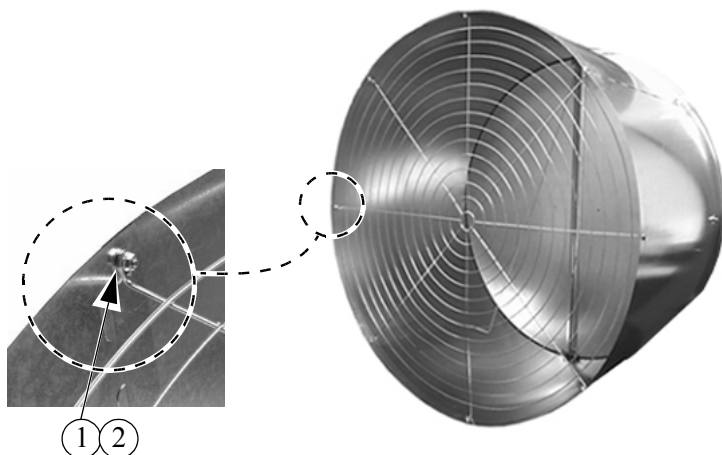


Figure 9. Attaching Door Stop Spring

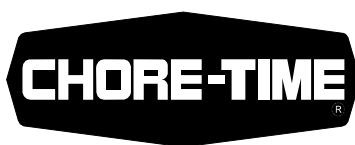
9. Re-attach the Grill with (8) 5/16 x 1/2" Carriage Bolts and Flange Nuts **as shown in Figure 10**. *Note that the Nuts are to the Inside of the Cone.*



Item	Description
1	5/16 x 1/2" Carriage Bolt
2	5/16 Flange Nut

Figure 10. Re-attaching the Grill

10. Reconnect power to the Fan



Contact your nearby Chore-Time distributor or representative for additional parts and information.

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