

Plexidor® Large Springs Replacement Instructions

Suggested Tools Needed: Small wire grip pliers (dikes)
5/16 inch nut driver

1. Remove interior frame from house door or wall by unscrewing the four retaining screws and sliding the pet door out of the mounting hole.
2. Remove the Spring Hoods by unscrewing hex head screw and lifting over rivet heads.
3. Remove the pivot screw that holds the bent arm in position using a 5/16 nut driver and remove the old bent arm and spring.

Spring Hoods



Pivot Pin Screw

Bent Arm

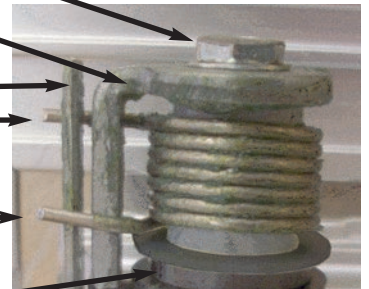
Vertical Plate

Upper Spring Tail

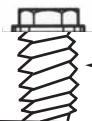
Lower Spring Tail (slightly bent upwards)

Gray Nylon Shoulder Washer

(pictured spring has grease on it)



Metal Internal Tooth Washer



10/32 x 1 1/2" Screw

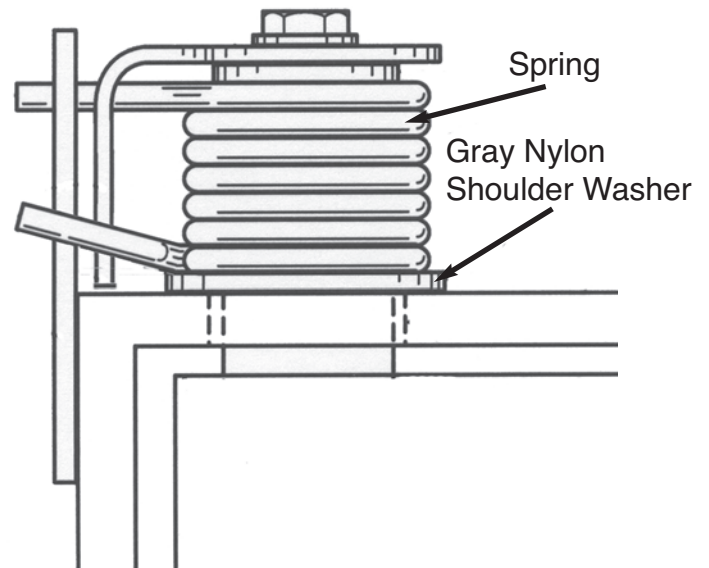
Bent Arm

White Nylon Tube Spacer
(goes over pivot pin)


Pivot Pin

Gray Nylon Shoulder Washer

Frame



Plexidor® Large Springs Replacement Instructions (cont'd)

4. Push new pivot pin down into the frame with notched end on top.
5. Put gray nylon shoulder washer over pivot pin with wide part on top
6. Put nylon tube spacer over the pivot pin. 
7. Put spring on top of nylon tube.
8. Then charge the spring as follows: Place the spring so that the tail of the spring that points up slightly is on the bottom. (As you face the door, the slightly bent spring tail will be in front of the vertical plate on the left spring side. On the right side of the door, the slightly bent spring tail will be behind the vertical plate.) Then using a pair of small wire gripping pliers (dikes), grab the top spring tail and wind it around and hook it over the vertical plate. Now the spring is charged.
9. Now snap the bent arm onto the pivot pin.
10. Place the internal tooth washer on top of the bent arm and slide screw down into the pivot pin.
11. Hold the pet door panel in the center of the frame and tighten the pivot pin screw. Do not overtighten, just make it snug.
12. Repeat process for the other side.
13. Trim the spring tail ends so that they extend approximately 1/16" beyond the vertical plate. Trimming may not be necessary.
14. Check that the spring tails do not touch any obstructions when door panels are fully opened in both directions.
15. Apply a coat of good quality grease to springs (we use marine grease), **do not use WD40**.
16. Replace the spring hoods. Do not over tighten the hood mount screws. Slide the pet door back into its mounting hole and you are done.

Plexidor® Large Panel Replacement Instructions

1. Remove interior frame from house door or wall by unscrewing the four retaining screws and sliding out the pet door.
2. Unscrew the Spring Hood screws and remove the Spring Hoods.
3. Remove the pivot pin screw that holds the bent arm and spring using a 5/16 nut driver. The pivot pin, spring and bent arm assembly with parts can then be lifted away.
4. Slide the panel out of the frame.
5. Insert the new panel in the frame, bottom pivot first.
6. **VERY IMPORTANT:** Make sure the .094 gray nylon thrust washer is in place between the bottom of the panel and the aluminum frame.
7. Replace the top spring mechanism and recharge the springs following the directions for replacing springs.

NOTE: To discourage pets from chewing panels, we recommend that you smear the edge of the panel and weatherseal with "Bitter Apple" furniture cream (available in most pet stores). We have also had customers tell us that Right Guard deodorant spray has worked well in discouraging chewing. It may be a good practice to treat the panels with whichever deterrent you choose when a new dog is introduced to the house.