



Fitting a Replacement Nylon Line or a Complete Line and Pulley Box Kit

Read these instructions fully before taking any action. They cover the fitment of three alternative replacement kits, namely:

- Code 04, Cord Replacement – comprises solely a mono-filament nylon line (suitable only for the current 3S Door Closer and not for older closers);
- Code 06, 3S Anchor and Nylon Line Kit – comprises a mono-filament nylon line with a pre-attached weight hanger, and an unattached anchor lug and its cap for on-site fitment to the nylon line; and
- Code 08, 3S Pulley Box and Anchor Kit – comprises a Code 06 kit plus a replacement pulley box.

Initial Action

1. Unhook the anchor lug off the screw on the door frame and lower the weight assembly **gently** to the bottom of the closer tube.
2. Remove the closer from the door and then remove the black pulley box from the top of the tube.
3. Slide the back cover off the pulley box and, after carefully noting how the nylon line passes over the foam wiper pad and over the pulley wheel, cut the line and slide off the pulley box.
4. With a hand over the top to prevent the weight assembly from falling out, tilt the closer to empty out the water.
5. Lay the closer down and withdraw the weight assembly sufficiently to expose just a few centimetres of the upper weight.
6. If the door closer was manufactured before 2008 the weight will be made of lead encased in white PVC and the nylon line will have a stainless steel ring attached to it that is connected to the exposed half of a ring embedded in the top of the weight. If such is the case proceed as under “Older Door Closers”, otherwise proceed as under “Current 3S Door Closer”.

Older Door Closers

1. Cut the weight hanger off the replacement nylon line and discard it.
2. Cut the old line including the knot from the stainless steel ring then tie the new line to the ring.
3. Trim the excess line at the knot so that it cannot become jammed between the weight and the closer tube.
4. Now proceed as for Steps 5 to 13 under ‘Current 3S Door Closer’.

Current 3S Door Closer

1. Pressing as necessary, remove the weight hanger sideways from the top of the weight.
2. If just a Code 04 Replacement Cord has been supplied cut the weight hanger from the old nylon line and tie it to the new line, then go to Step 4.
3. If a Code 06 or Code 08 kit has been supplied discard the old nylon line, anchor lug and hanger.
4. Press the new weight hanger with its attached nylon line onto the weight.
5. Without allowing the nylon line to rub against the top edge of the door closer tube and become abraded, lower the weight assembly **gently** to the bottom of the closer tube.
6. Refill the tube close to the top with tap or rain water (**never pool water – it is corrosive**).
7. Feed the new line through the pulley box (new pulley box if a Code 08 kit has been supplied) and insert the pulley box into the tube.
8. Refit the closer to the door.
9. Loosely position the anchor lug cap over the anchor lug and thread the nylon line through the slot in the end of the cap and then through the slotted post of the lug.
10. With the door fully closed hold the end of the nylon line over the anchor screw on the door frame and pull on it sufficiently to lift the weight assembly 50 – 75mm off the bottom of the tube; take hold of the line where it passes over the screw.
11. Still holding the line lower the weight assembly and tie a **single** knot in the line where it is held; tighten the knot by drawing it firmly up against the post on the anchor lug.
12. Hook the anchor lug onto the screw and, after checking that the door opens fully and closes smoothly, remove it from the screw and snip the excess line off sufficiently short that it will not protrude from the cap when the latter is in place.
13. Finally, pressing firmly, snap the cap onto the anchor lug and hook the lug back onto the screw.