**End Cap Retrofit Kit**

**33/35 & 98/99**

**VON DUPRIN.**

**Installation Instructions**

---

### PARTS LIST

- **END CAP**
- **END CAP MOUNTING BRACKET**
- **ANTHRATTLE CLIP**
- **#10-24 X 1-1/8" MTG. SCREW**
- **#10-16 X 3/8" T-CUT SCREW**
- **#10-24 X 3/4" MTG. SCREW**

---

**1.** REMOVE OLD END CAP AND END CAP MOUNTING BRACKET.

**2.** REMOVE OLD ANTI-RATTLE CLIP.

**ANTHRATTLE CLIP**

**3.** INSTALL NEW ANTI-RATTLE CLIP.

**2" MINIMUM ANTI-RATTLE CLIP INSIDE**

---

**4.** INSTALL NEW MOUNTING BRACKET AND END CAP.

**5.** VERIFY ALL EDGES ARE ALIGNED PROPERLY AND ARE FREE OF BURRES.

---

**NOTE**

IF DEVICE HAS BEEN CUT TO FIT DOOR, CUT MUST BE SQUARE FOR PROPER END CAP FIT. IF DEVICE HAS NOT BEEN CUT SQUARE, IT MAY BE NECESSARY TO REMOVE DEVICE FROM DOOR AND MAKE A CLEAN CUT FOR PROPER END CAP ALIGNMENT.
If New End Cap has a Gap as Shown Below (A):
The following method can be used to help correct it. This method works on 98/99 series devices.

A) GAP

B) REMOVE END CAP AND LOOSEN TWO END CAP MOUNTING BRACKET SCREWS.

C) REMOVE CENTER CASE COVER AND LOOSEN TWO MECHANISM CASE SCREWS. SLIDE CASE TOWARD END CAP AS SHOWN.

D) SLIDE MECHANISM CASE TOWARD END CAP BRACKET UNTIL IT STOPS AGAINST BRACKET. TIGHTEN TWO SCREWS.

E) REINSTALL END CAP AND VERIFY THAT GAP IS CLOSED AND ALL EDGES ARE FLUSH.

F) TIGHTEN TWO MECHANISM CASE SCREWS AND REINSTALL CENTER CASE COVER.