



The Steerables Dual Pulley Tilt Cable kit serves as a suspension and pull back device for flyable loudspeakers in a wide range of rigging applications. It provides an easy and infinite adjusting features for loudspeakers and objects weighing up to 220 lbs (134 Kg). The Steerables™ dual Pulley Tilt Cable Kit comes in standard fixed length of 18", 22", 30", 36" and 40. Custom length Dual Pulley Tilt Cable kits are also available.

### Note to installers

Due to the wide variety of wall structures, materials and mounting methods, the installing contractor must exercise proper judgment in selecting the mounting area and hardware.

As a guide, the installation, when complete should be capable of supporting 5 times the actual applied load. Also, always use a back up safety system such as a safety cable.

To assure a trouble free installation, read through and follow these instructions carefully before beginning. If you have doubts about the integrity of the structure you are mounting to or you are not sure about the proper hardware to use, consult a structural and/or hardware specialist.

**Be sure that all of the following items are included in this kit before proceeding:**

2 pcs Fixed length cable (18, 22 or 36)	1 pc Pull back cable
6 pcs 3/8" quicklink	1 pc Clutch lock assembly
2 pcs Snatch block pulley	2 pcs Threadlock, .02 Oz tube
2 pcs Wire rope clip, 1/8"	1 pc Instruction sheet

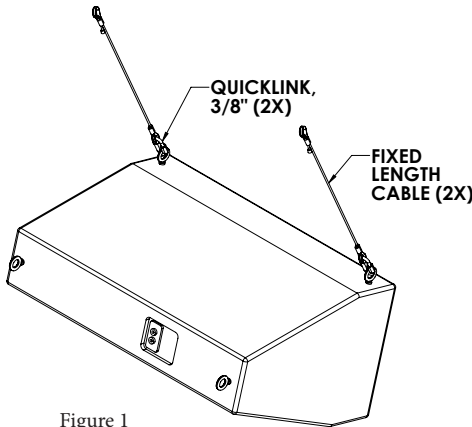


Figure 1

**Note:** Before installing, make sure that loudspeakers are equipped with the right eyebolts or other load rated hardware.

### Step 1: Attach fixed length cables

Attach one end of each fixed cable to the top anchor points of the speaker (such as eyebolt, track fitting, etc) using supplied quicklink (Figure 1)

### Step 2: Assemble pull-back cable to fixed cable

Attach the clutch lock's eye nut to one of the rear suspension point (such as eyebolts, track fitting, etc) of the loudspeaker using supplied quicklink (Figure 2).

**Step 3:** Attach the end loop of the pull back cable to the other rear suspension point (such as eyebolts, track fitting, etc) of the loudspeaker using supplied quicklink (Figure 3).

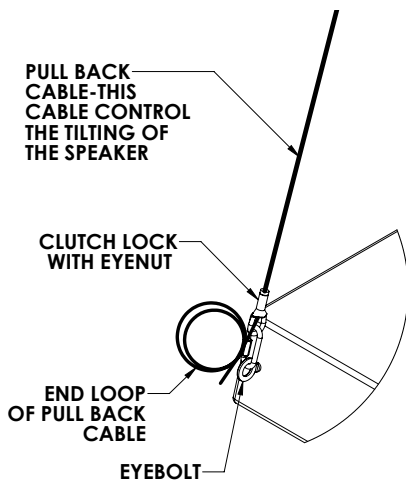


Figure 2

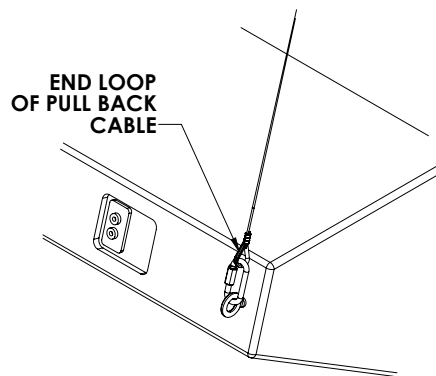


Figure 3

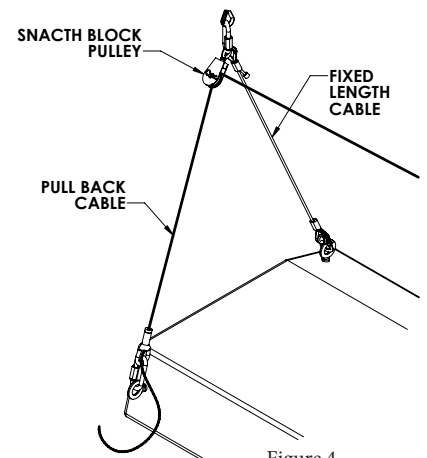


Figure 4

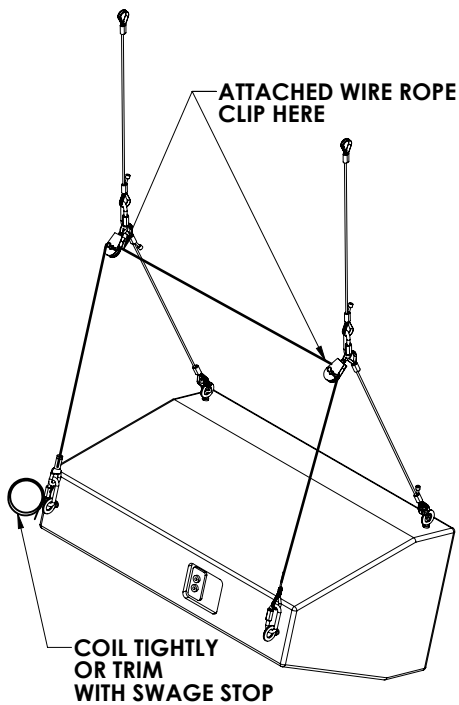


Figure 5

#### Step 4: Assemble fixed and pull back cable

Capture one of the end loop of the RIGHT front fixed length cable and the eye of the Pulley from the pull back cable with supplied quicklink (Figure 4).

**Step 5:** Capture one of the end loop of the LEFT front fixed length cable and the eye of the pulley from the pull back cable with supplied quicklink (Figure 4)

#### Step 6: Suspend loudspeaker assembly

Suspend the Loudspeaker assembly from two points using the quicklink that captures the fixed cable and the pull back cable (Figure 5)

#### Step 7: Increase/decrease slack of the pull back cable

Loosen the knurled end of the clutch lock. Compress the knurled end inward while pushing the cable towards the pulleys until the desired length is achieved (Figure 6).

#### Step 8: Adjust speaker's tilt angle

To increase the tilt angle of the speaker, compress the knurled end of the clutch lock then pull the pull back cable away from the pulley until desired angle is achieved. To decrease the tilt angle of the speaker, support the weight of the speaker while compressing the knurled end of the clutch lock then slowly lower the speaker until the desired tilt angle is achieved. Release the knurled end to lock in place then tighten (Figure 6). Coil the extra cable or trim and place a stop swage on the end.

#### Step 9: Install wire rope clip

Once the desired tilt angle is positioned, install the wire rope clips near the wheels of each of the pulley to prevent the loudspeaker from moving side to side (Figure 5).

**Step 10:** To prevent the quicklink from loosening over time, apply threadlock to the threads then tighten permanently. Tape the knurled end of the clutch lock to avoid long term loosening.

**Before hoisting, lift entire system a short distance and check each and every connection thoroughly before proceeding**

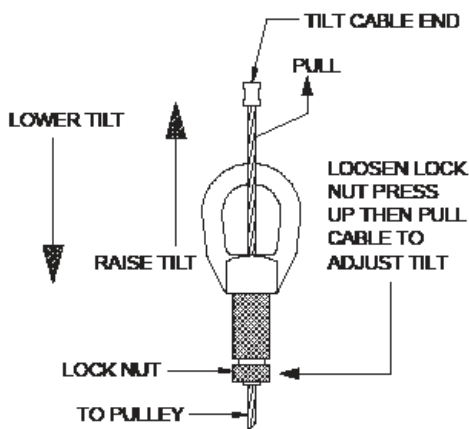


Figure 6