

# Universal Down Pull Attachment

**USERS MANUAL**



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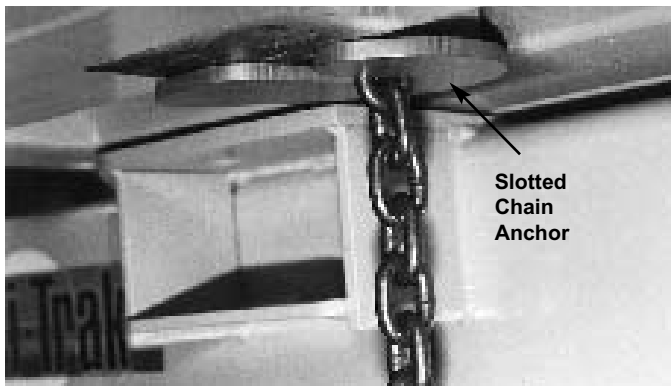
The Universal Down Pull Attachment shown in these photos can be used with practically any pulling system. The flexibility of the device allows technicians to make down pulls at a variety of locations around the vehicle.

When setting up the assembly, the 5' x 3/8" tie down chain must be firmly secured to the pulling system. As shown, it can be looped through tie down holes and secured to the underside of a mainframe using slotted chain anchors. (See Figure 1.) It can also be secured in mainframe notches such as those existing on the Chief Posi-Trak. (See Figure 2.) The slip hook and grab hook provided with the tie down chain provide additional means of securing the chain to the pulling system.

As shown, the down pull attachment can be used along the treadway of a machine (see Figure 3) or it can span the ends of a machine (see Figure 4). After securing the tie down chain, the roller can be positioned anywhere along the chain's length.

## ⚠ CAUTION:

1. When setting up a pull, do not twist either the tie down chain or pulling chain. Also, links of pulling chain must align with roller's groove. (See Figure 2.)
2. Do not wrap pulling chain completely around roller when making a pull or establishing a hold. (See Figure 5.)
3. Angle formed by pulling chain must exceed 90 degrees. (See Figure 6.)
4. Keep hands clear of assembly when applying hydraulic pressure.



Slotted chain anchor used to secure tie down chain to underside of mainframe.

Figure 1

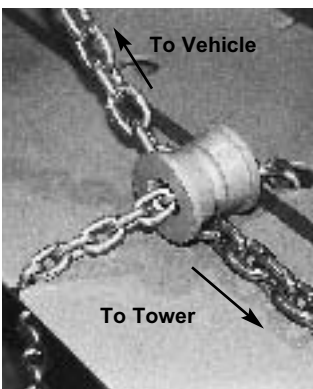
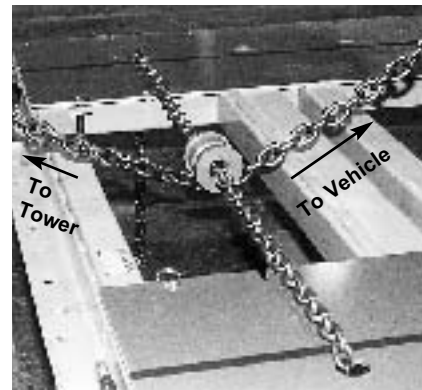


Figure 2



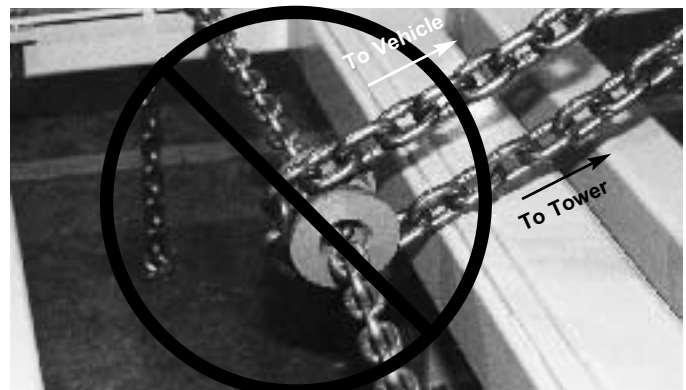
Figure 3

Down Pull Attachment secured to Posi-Trak treadway at left and EZ Liner treadway at right.



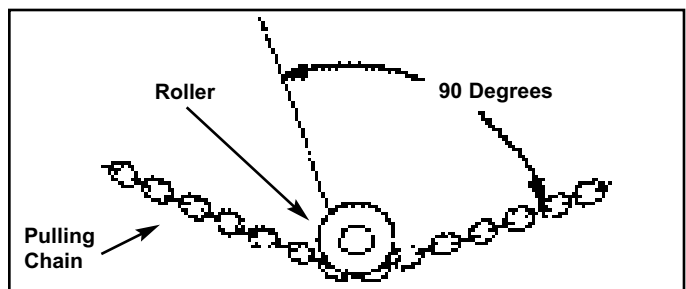
Tie down chain spans width of machine allowing multiple locations for down pulls.

Figure 4



Do not use Down Pull Attachment in this manner. See CAUTION No. 2 above. Also refer to Figure 6 below.

Figure 5



Angle formed by pulling chain must exceed 90 degrees.

Figure 6



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