

Improvised Rock Rescue Videos and Instructions  
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### Assisting the Climber with Raises

The 3:1 simple drop loop assist for when the climber is close but cannot do a move or get back on the climb

Video 3:1 Haul with assist <https://youtu.be/8YidfipVw-M>

1. Start with an autoblock or Gri Gri belay directly on the anchor
2. On the break hand rope, clip a carabiner
3. Lower the carabiner on a loop of rope on that stand to the climber
4. Have climber clip the carabiner and strand to their belay loop on harness
5. Have the climber pull on the side of the loop that goes to the break side of the belay
6. As they pull themselves up, they are also pulling the rope through the belay
7. You can assist by pulling up on the far side of the dropped loop, pulling up on the carabiner on their harness
8. Once the climber is back on the rock and can climb, they can unclip the rope from their harness and the belayer can pull the loop up

### Simple 3:1 Haul

Video 3:1 Pulley system AMGA <https://youtu.be/ocOcuRmZ9I>

Notice that the guide keeps a good grasp on the break hand the whole time in this video.

1. Start with an autoblock or Gri Gri belay direct on the anchor
2. Use short cordalette to tie a prussic or climb heist hitch to the loaded climber's strand. This is called a "tractor."
3. Clip your break hand strand to the tractor with a non-locking carabiner.
4. When you pull up on the break strand be sure to pull any slack that comes into the system as a result of friction at the belay device through the system.

### 5:1 Haul with belay device

Video 5:1 Pulley system SIET <https://youtu.be/e9JSZSftpg4>

Note that the guide does not keep a grasp on the break hand in this video. This is a guide error!

Be sure to tie catastrophe knots when you want your hands free.

1. Start with a Reverso or Gri Gri belay direct on the anchor with a 3:1 haul set up.
2. Remove the break strand from the carabiner on the tractor
3. Use the back side of your clove hitch on the anchor to run through the carabiner on the tractor. (Alternatively, clip a 48 inch sling to the anchor and clip that through the tractor).
4. Tie a figure 8 on a bite in the strand that is clipped to the tractor and clip the break strand to it. (Alternatively, clip a carabiner to the 48 inch sling and clip it to the break strand).
5. When you pull up on the break strand be sure to pull any slack that comes into the system as a result of friction at the belay device through the system.

### 6:1 Haul with belay device

Video 6:1 SIET <https://youtu.be/7vNwqGZVqEQ>

1. Start with a Reverso or Gri Gri belay direct on the anchor with a 3:1 haul set up.
2. Tie a climb heist on the break strand just past your tractor
3. Clip the “back side” of your clove hitch tie-in on the anchor strand into the carabiner on the break hand side of your tractor.
4. When you pull up on the back-side strand be sure to pull any slack that comes into the system as a result of friction at the belay device through the system.

### 3:1 Haul with bridge as progress capture

Video 3:1 Haul system <https://youtu.be/mtuUS65nnAQ>

1. Start by going to baseline.
2. Install a bridge using a long cordalette.
3. Use short cordalette to tie a prussic or climb heist hitch to the loaded climber’s strand. This is called a “tractor.”
4. Clip your break hand strand to the tractor with a non-locking carabiner.
5. Tie the break strand off using a clove hitch to the anchor or your harness as a back-up for the bridge.
6. Untie the mule hitch on the climber’s strand and shift the climber’s weight to the bridge.
7. Open the carabiner that the munter hitch is tied to and pull one strand out so that the rope is just running straight through the carabiner.
8. Now pull on the belay strand on your side of the tractor.
9. As you haul be sure to re-adjust the bridge as so that the hitch does not get pulled through the carabiner at the anchor.

### 5:1 Haul with a bridge as a progress capture

Video Whitman <https://youtu.be/-bjfmt-cRg8>

1. Start with the 3:1 haul system set up with a bridge for the progress capture.
2. Be sure your climber is tied off to the anchor or the guide with a clove hitch
3. Remove the break strand from the carabiner on the tractor
4. Use the back side of your clove hitch on the anchor to run through the carabiner on the tractor. (Alternatively, clip a 48 inch sling to the anchor and clip that through the tractor).
5. Tie a figure 8 on a bite in the strand that is clipped to the tractor and clip the break strand to it. (Alternatively, clip a carabiner to the 48 inch sling and clip it to the break strand).
6. When you pull up on the break strand be sure to pull any slack that comes into the system as a result of friction at the belay device through the system.

### 6:1 Haul with a bridge as a progress capture

Video Whitman <https://youtu.be/nZpniUnrMdY>

1. Start with the 3:1 haul system set up with a bridge for the progress capture.
2. Be sure your climber is tied off to the anchor or the guide with a clove hitch

3. Tie a climb heist on the break strand just past your tractor
4. Clip the “back side” of your clove hitch tie-in on the anchor strand into the carabiner on the break hand side of your tractor.
5. When you pull up on the back-side strand be sure to pull any slack that comes into the system as a result of friction at the belay device through the system.