

## Pine Tree Rock Repairs

The following repairs were done by Chris Hirsch, Ron Yahne, and Jason McNabb on 6/25/11 on Pine Tree Rock in the Chopping Block area of Mt. Rushmore.

We added chain and quick links to the anchors on Ate One Today (5.10) and Kiss My Aspen (5.10+). We also replaced the anchors, existing bolts, and added two bolts to Evergreen (5.9+). We followed the repair plan that was approved by the first ascensionist prior to completing the repairs and pulled and patched the previous bolts. We lowered the 3<sup>rd</sup> bolt about 5 feet to eliminate ground fall potential. This increased the distance between the 3<sup>rd</sup> and 4<sup>th</sup> bolt, but the fall would be clean and the climbing is relatively easy on large/positive crystals. We added a bolt at the crux to prevent a large fall onto the slab below (climbers feet were 10 feet above your bolt at crux) and then added the other additional bolt in between the bolt after the crux and the next bolt (it was 30 ft. between these bolts) to prevent an even larger fall onto the slab below. The route now has 10 bolts in about 120 feet of climbing.

### **Evergreen (5.9+)**

#### **Previous Hardware On Evergreen:**

1<sup>st</sup> bolt- 3/8 non-stainless bolt and homemade angle iron hanger

Bolts 2 through 7- 3/8 non-stainless bolts and stainless SMC hangers

8<sup>th</sup> bolt- 3/8 non-stainless bolt and homemade angle iron hanger

Anchor was 3/8 non-stainless bolts (x2) and stainless Kong hangers (x2) with non stainless lap links for lowering.

#### **BHCC Stainless Hardware Installed on Evergreen:**

Fixe Triplex Bolt (x10)

Petzl CoeurHangers (x10)

#### **Anchor Setup:**

Fixe Triplex Bolt (x2)

Petzl Coeur Hanger (x1)

Fixe Top Hanger (x1)

8mm stainless quick link (x3)

8mm stainless chain (5 links.....4 on anchor plus 1 for cutting)

### **Ate One Today (5.10)**

The route had webbing and a quick link tied to 3/8 bolts and hangers (x2) as the anchor. We removed the webbing and added 7mm chain and quick links to the anchor.

**BHCC Stainless Hardware Installed on Ate One Today:**

7 mm stainless chain (8 links.....3 on each anchor bolt plus 2 for cutting)

7mm stainless quick links (x4)

**Kiss My Aspen (5.10+)**

There was no chain or webbing for lowering on the two anchor bolts.

**BHCC Stainless Hardware Installed on Kiss My Aspen:**

7mm stainless chain (10 links....4 on each anchor plus 2 for cutting)

7mm stainless quick links (x4)