

"Shuttle Car Cable Anchor Installation Procedure"

- Shuttle Car Cable Anchor Installation requires a Roof bolt or Rib Bolt as the anchor Point.
- Abtrov Recommends Using a Horizontal Swivel Mount P/No 0109 HSM (See Fig 1).
- Or Screw a cast D lifting loop onto the tail of the bolt and attach the Cable Anchor via the Sling Hook. (See Fig 2)
- Pull sufficient cable back towards your Gate end box so that the cable **won't** stretch back towards the plug when the Anchor is in use.
- Now raise the cable and criss cross lash the Hi Vis webbing strap around the cable and tie off the straps securely using the rope provided (See Fig 3)
- Start the shuttle car and drive in-bye towards the miner, Stop then check to make sure you have enough cable for the task.
- Then drive back to the Anchor which should be jerking back and forth.

Very Important!!

- If the Anchor is twisting you need to drive back in-bye, Switch S/C off go back to the Gate end Box, Isolate the appropriate outlet **(following your Mines Isolation Procedure)**. **Undo the webbing strap** and remove the Plug from the gate end box and you will feel the plug wants to turn in your hand, Flip the cable and plug over several times in the direction it wants to go so as to release the twists. **{Cables are sometimes wound onto cable Reel with a twist}**.

The cable should now lay relaxed in your hand no tension either way.

Reconnect the plug and re lash the webbing strap it's now ready for production.

If the cable still twists the Cable Anchor repeat the procedure above.

Winding up a twisted cable onto the S/C Cable storage reel is adding **Undue** stress to the cable, this coupled with shock load Jerking causes extreme stress on cable **Repair joins** and promotes **"The Cable Just Died"**.

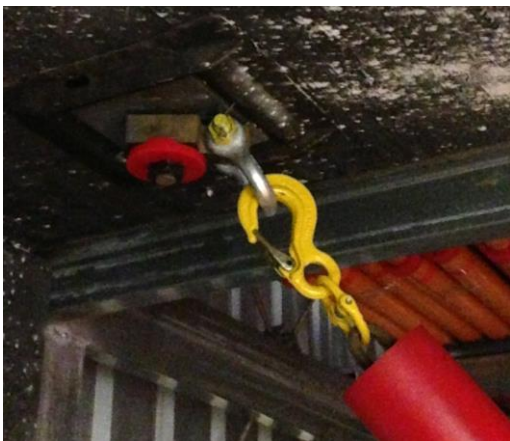


FIG 1



FIG 2



FIG 3