



**KOOLKAP<sup>®</sup>**  
DEFLECTOR SYSTEMS

**Installation Guide for a replacement**

**Deflector Sheet System**

## ***Replacing deflector sheet-----***

### **Deflector Sheet**



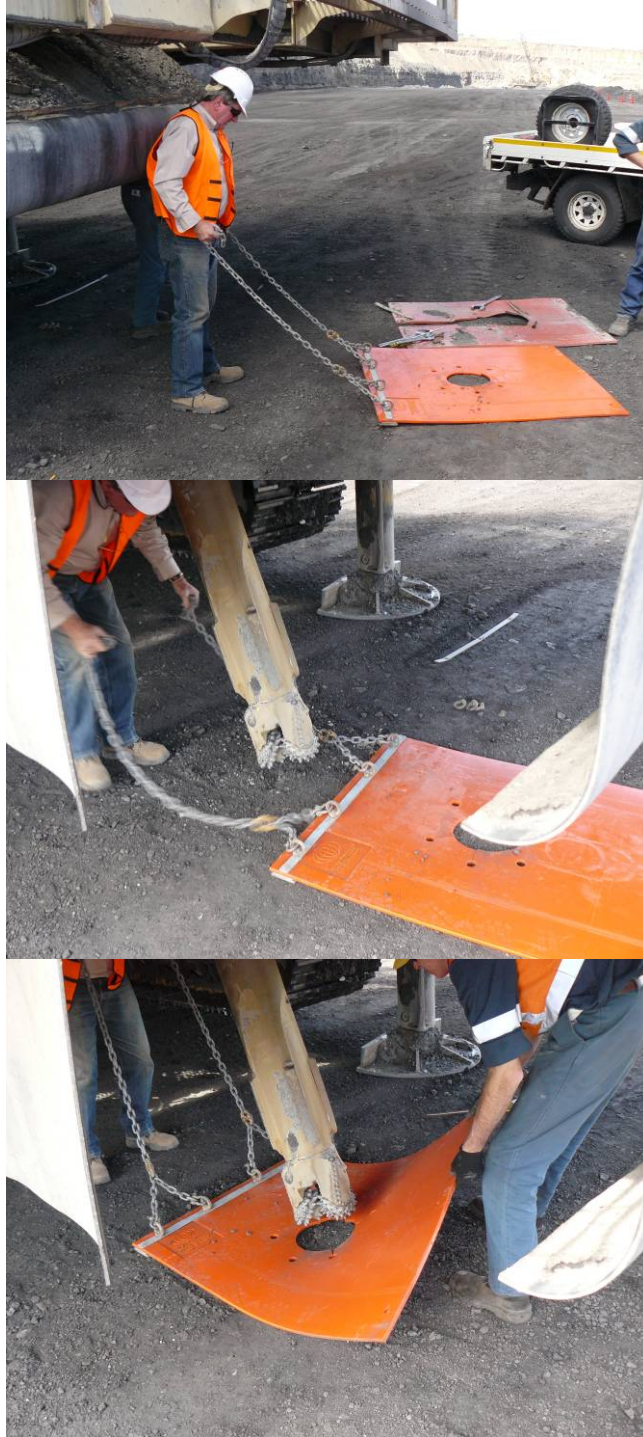
### **Mounting brackets and chain**





## ***Replacement Procedure-----***

1. Lay the sheet on the ground under the drill with the drill rod resting on the ground at the maximum angle drilled on your site (up to 30°).



2. Lift the head of the deflector sheet (2 people min.) to the hanging brackets and secure with the centre point first.



Then secure either side of the centre.





3. Each take a chain on the tail end of the sheet and secure it through the hanging brackets towards the front of the drill.



4. With the drill rod at the maximum angle to be drilled, adjust the chains so the rod is just touching the top of the deflector 'slot'.

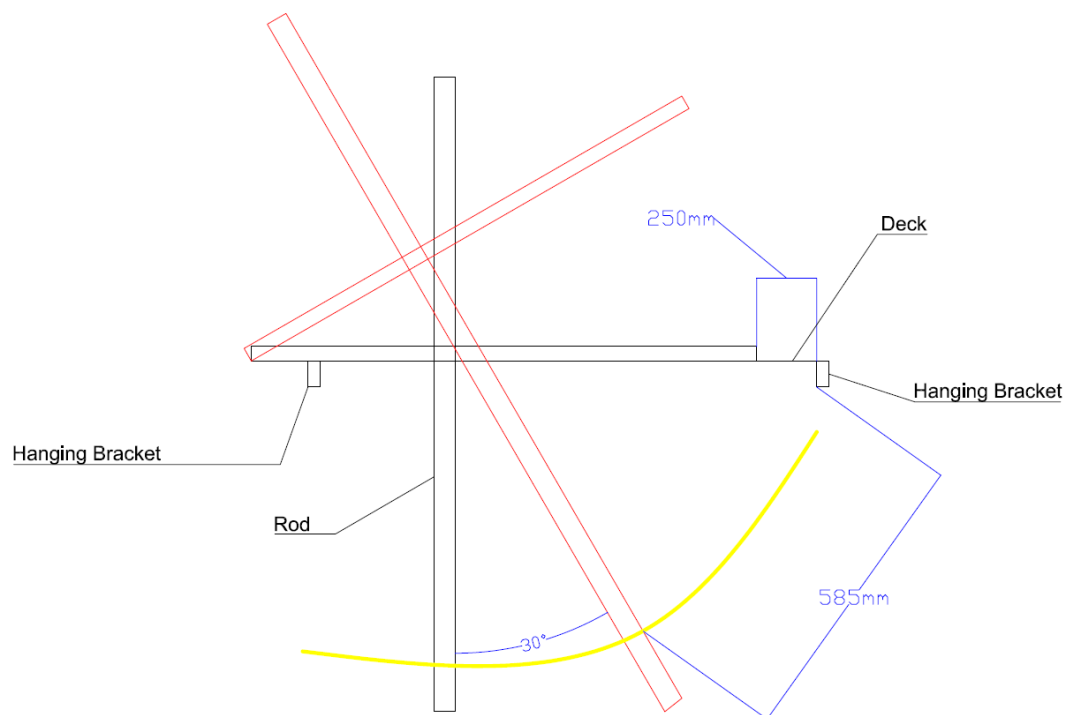




When vertical drilling the rod will be centred in the 'slot'.



5. The rule of thumb when using chains is 3 links at the head of the deflector (towards the rear or the drill) and 9 links for the tail chains (toward the front).



6. Secure the chains with nylock bolts or cable ties to prevent them from jumping out of the hanging brackets.





7. Run the drill for a couple of shifts to allow the rod to “bed into” the deflector. Adjust the chains if the cutting piles are allowing fallback, by checking the profile of the turkey’s nest.  
Good cutting piles and clean collars





Bad cutting piles and fallback



8. Replace Deflector when badly worn, damaged or it is unable to achieve minimal fallback.