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Standard Operating Procedures for Shovel Door Wedges



Warning

Improper usage can cause personal injury or property damage.

Read and understand your site specific safety instructions thoroughly before using.



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Standard Operating Procedures for Shovel Door Wedges

1. Follow your mines policy and procedures for working on the shovel.
2. Pre-inspect wedges for damage and cracked welds.
3. Clear all personnel from shovel area.
4. Position the shovel a safe distance away from the high wall.
5. Have the operator swing the dipper away from the high wall. Position the shovel between the high wall and the dipper to be worked on.
6. Position the dipper, with the door unlatched, on level ground parallel to the track crawler frame with the door unlatched from the dipper.
7. Attach two 20 foot certified slings from the track crawler frame to the door.
8. Position the B&D shovel door wedges, with the wedge part down, against the back of the door.
9. Hook a 2" ratchet nylon sling to each wedge. Secure the other end to the tooth adaptor.
10. Position the dipper on the ground, crowding the dipper open, until you have a 4 foot opening between the door and the dipper.



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11. Ratchet the wedge into place, ensuring the face is **square against the dipper**.
12. Slowly crowd the dipper back until the door contacts the wedges. Make sure the wedges are square and firmly against the dipper. Crowd the dipper back until you can remove the sling from the door.
13. The operator can move the dipper into the position required to perform the work.
14. Install a secondary back-up, such as a come-along of the correct SWL rating for your door. Attach it from the track crawler frame to the back of the door.
15. When maintenance is complete, remove the slings from the wedges and the adaptor. Remove the secondary back-up that you used.
16. Slowly raise the dipper until the wedges fall to the ground.
17. Position dipper on the ground and retrieve the wedges.
18. Pick up the wedges and inspect for damage or cracked welds.