CRUSHER HOPPER BOLT UP PROCEDURE

Folding Hopper Plates

Do Not attempt to undo any fastenings holding the hopper sides or end plate until securely held.

When the hopper side plates are lowered into the travelling position, one of the hopper side plates will fold on top of the folded dirt conveyor. The dirt conveyor head drum guard and the rear feeder maintenance platform handrails must be removed before the hopper side plates are folded into the travelling position.

Raising Hopper Side Procedure

A suitable pad must be made for the operator to stand on to install Hopper Bin Bolts. This can usually be done using stockpiled material in the quarry or pit that you are working in.

It can be made using either a loader or excavator and must have a safe level working area to stand on, if this cannot be achieved you must contact your supervisor.

Ensure the pad surface is stable and not likely to slip.

Under no circumstances should anyone stand on or use a machine to gain height to install bin bolts

1. Observe all safety warnings
2. Start the engine
3. Remove locking wedges from toolbox
4. Locate the two hydraulic control levers inside the rear of the plant chassis. One lever will raise both hopper side plates and the other lever the hopper back plate into their working positions.
5. Raise the side plates into position and lock into place using the four locking wedges. (Note: In order to align wedges; the hopper hydraulic lever may have to be “toggled” briefly) Attach the locking wedge chains to the plant.
6. Raise the end plate into position.
7. Shut machine down
8. Install and tighten bolts.
9. Repeat step 8 on other side hopper plate.
10. Hopper plates should now be secure and ready to use; however, bolts and wedges should be routinely checked.

Lowering Hopper side Procedure

Under no circumstances should anyone stand on or use a machine to gain height to install bin bolts

1. Observe all safety warnings
2. Position jaw crusher as close as possible to a suitable pad to stand on
3. Remove bolts holding hopper side and back plate.
4. Remove wedges from hopper sides and store in toolbox on crusher.
5. Start the engine.
6. Ensure that the dirt conveyor belt is in the “up” position.
7. Ensure handrails on upper platform are removed. (depending on machine model)
8. Locate the two hydraulic control levers inside the rear of the plant chassis. One lever will lower both hopper side plates and the other lever the hopper back plate into their transport positions.
9. Lower back plate then side plates to transport position.
10. Stop the engine, unless further required.
11. Ensure hopper sides are clean for transport.