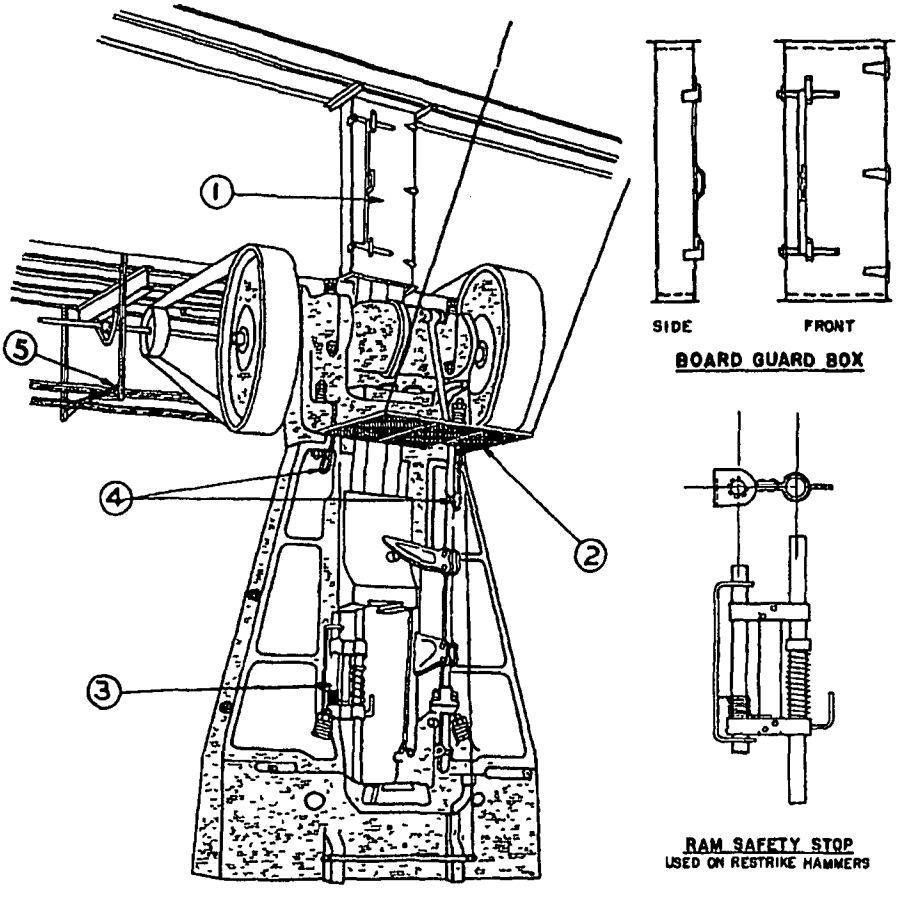


Fig. 27-18 Well-guarded board drop hammer features (1) sheet steel board guard box, (2) screen-platform made from No 9 expanded metal, (3) steel ram safety stop that swivels on left column, (4) safety chain to restrain tiebolt and nut, and (5) catwalk and belt catcher. Details of board guard box and ram safety stop are at right.

Courtesy American Brake Shoe Co

controlled at the throttle control, the hammer should be shut down and repaired

Operating a hammer with broken piston rings is also dangerous A piece of broken piston ring passing through the steam ports and lodging in the throttle valve can cause the ram to drop out of control, often catching the operator's tongs or the transfer tool and causing serious injury

Repairmen, particularly, are exposed to crushing injuries when they remove and install parts on the top of the hammer and when they remove sow blocks, anvils, and columns Means for locking out the power should be provided and used Catwalks and guardrails should be installed on all hammers to provide safe footing for repairmen (Fig 27-17)