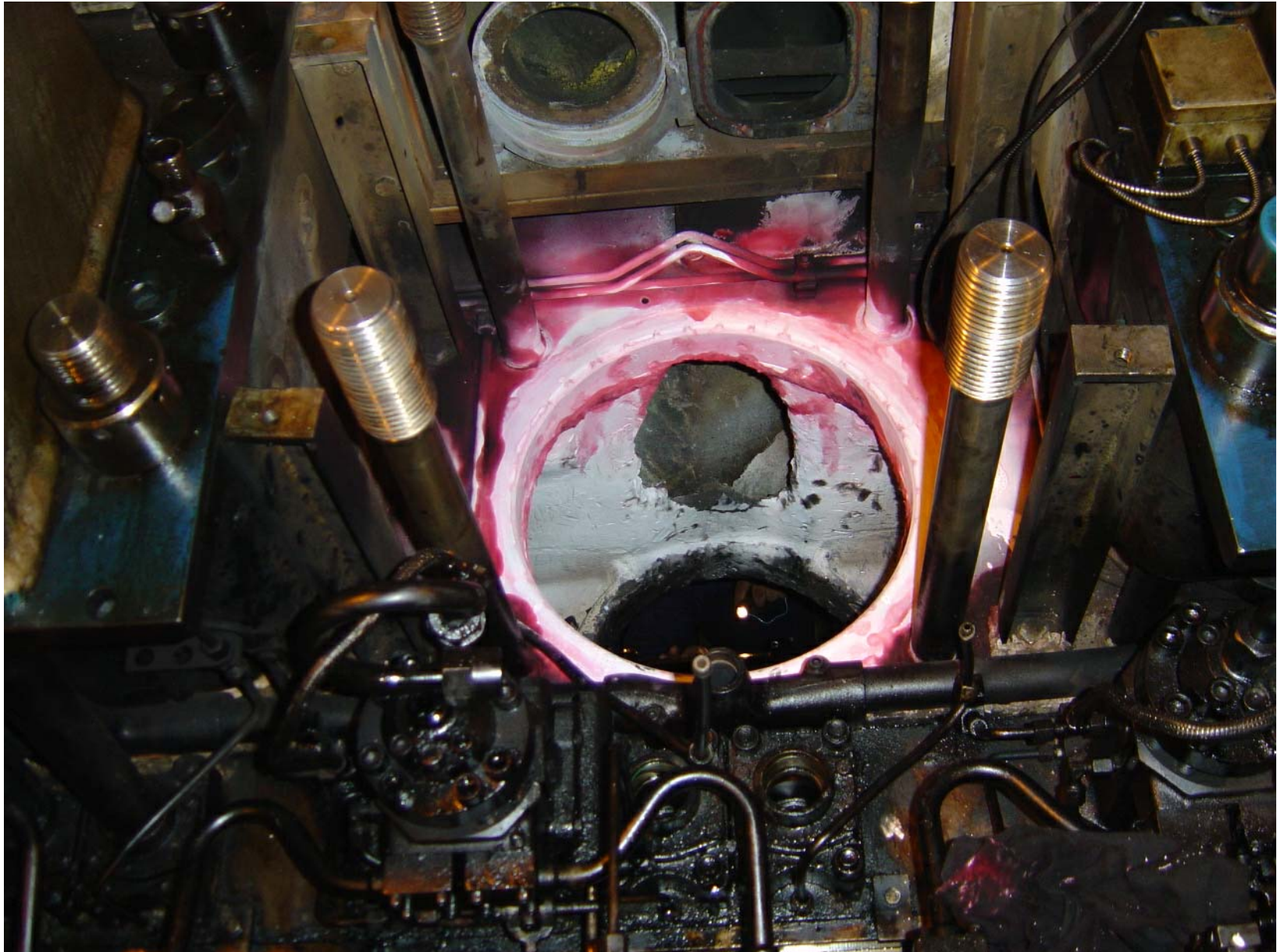


Wartsila Diesel Generator, El Salvador, 2004



Connecting rod damage



Lower liner bore damage



Air box side damage



Cam side damage



Damaged section remove



Repair section in place



Cast iron patch



Nejapa Power Co
Edificio Fusades

Patch fitted in place



Stitching in the patch



Stitching completed on air box side
and lower bore



Stitching completed on cam side



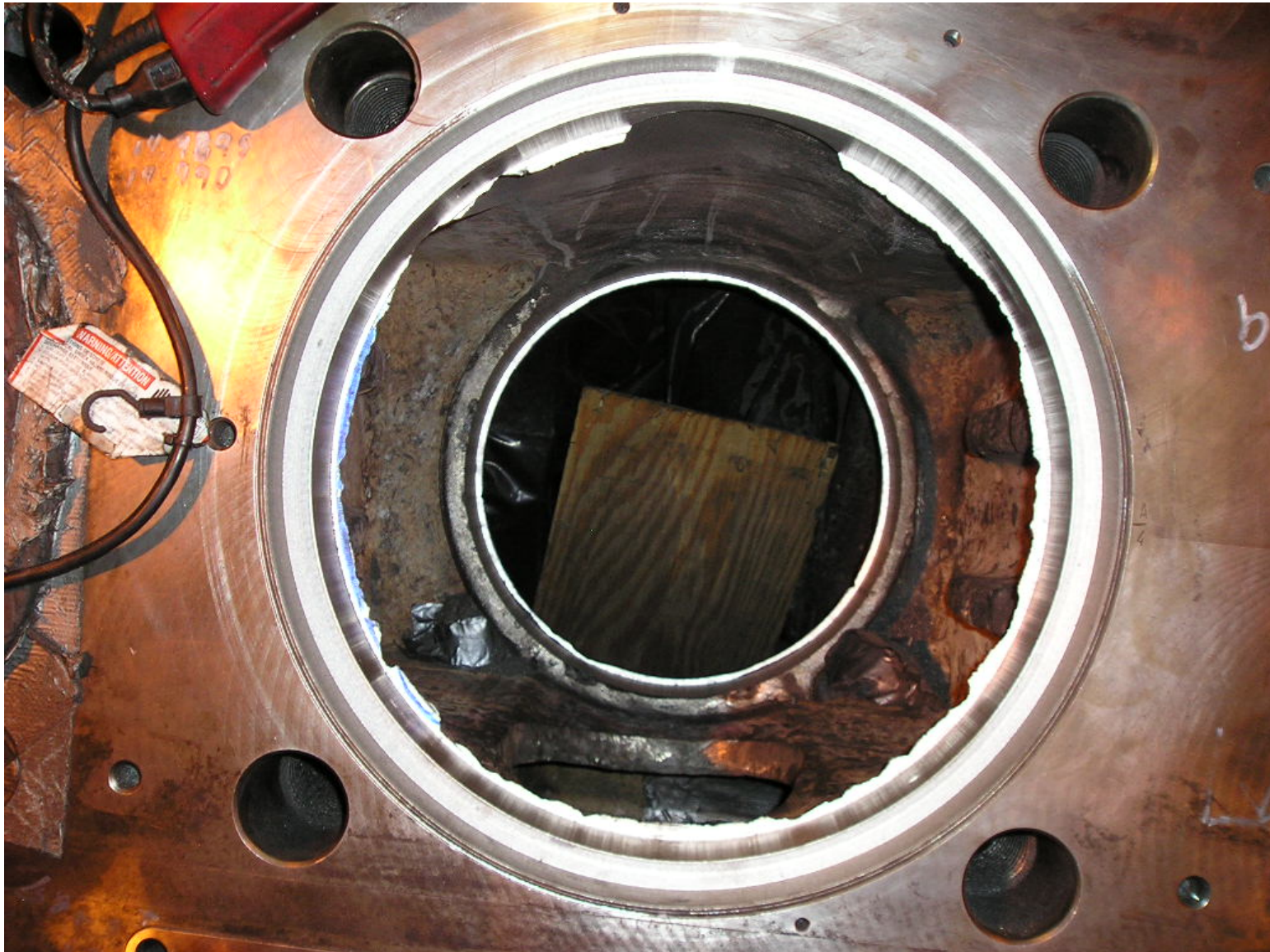
Boring machine set up for lower bore



Boring machine for upper bore



Machining completed



Lower bore sleeve insert ring



Upper bore sleeve insert ring



Liquid nitrogen for freezing the rings



Lower ring installed



Upper ring installed



Repair completed

