

ABSTRACT

Azi Seno Birowo 21416263

**THE PRICE OF REPAIR AND INSTALLATION OF TRACK FRAME
FRAME BULLDOZER D85ESS-2 IN PT. UNITED TRACTOR CAB.
JAKARTA**

Scientific Writing, Department of Mechanical Engineering, Faculty of Industrial
Technology, Gunadarma University, 2019

Keywords: Track Frame, Repair, Penetrant Test

(xii + 67 + officials)

In the world of industry and the world of special infrastructure development in the field of heavy equipment is important for the production and development process. One of the most important uses of Bulldozer is the operation of the unit. In Bulldozer it is a part of Track Frame that is shared by its components which is an important part in the process of field work. Repair and Installation of Track Frames and components on the Bulldozer that begins with the process of refining (refinement) to remove the remnants of dirt (flux) on the surface of the material, then enter the welding process (welding) to fill the wear of steel material which includes Track Frame components , after the grinding process to flatten the remaining particles on the side of the surface, and enter the Penetrant Test process to find a crack (discontinuity) that is open from the material so that no defects from the material. Then the end of the Installation (Assembly) process to pair the Track Frame and its components into one whole that is placed with the Undercarriage (the whole part of the D85E-SS-2 Bulldozer).

Bibliography (1972-1989)