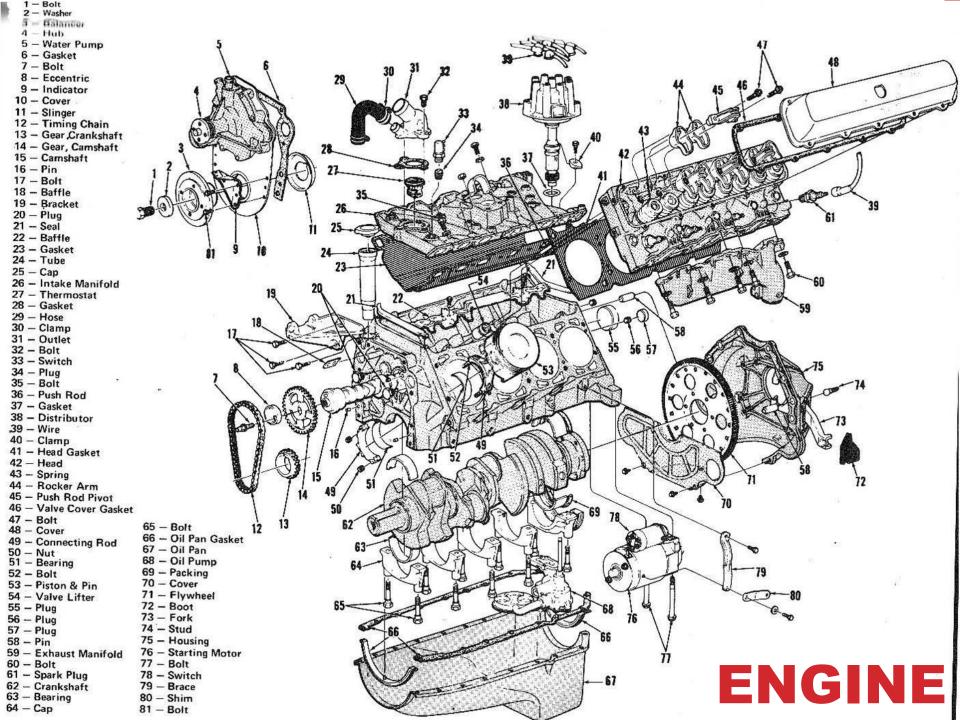
## IMPROVING THE REDUCTION PROCESS OF CRANKSHAFTS BY ELECTROLYTIC-PLASMA MODIFICATION

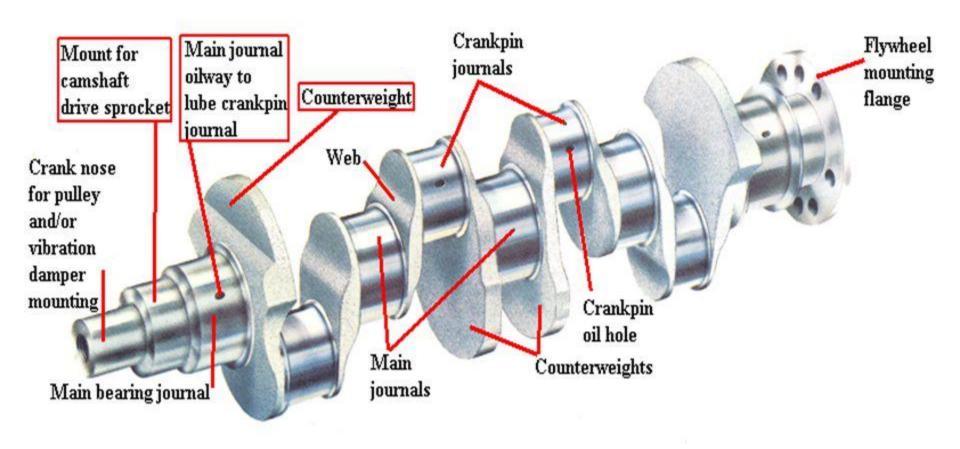
**GRIDUNOV IVAN** 21-DTT-3A

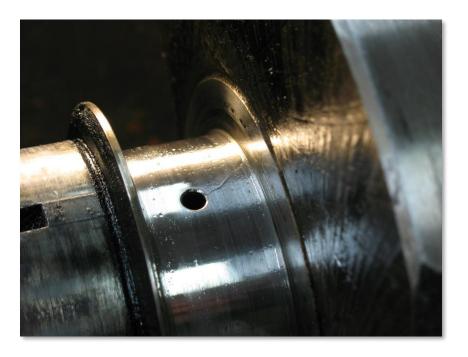


## **DIFFICULT CONDITIONS**

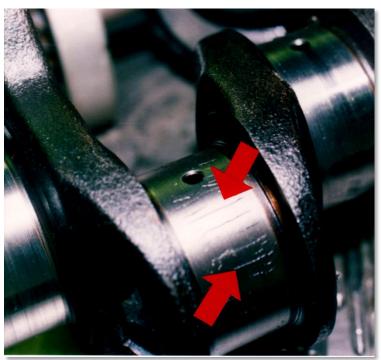


## **Crank Shaft**











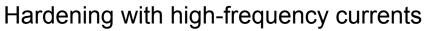


Grinding



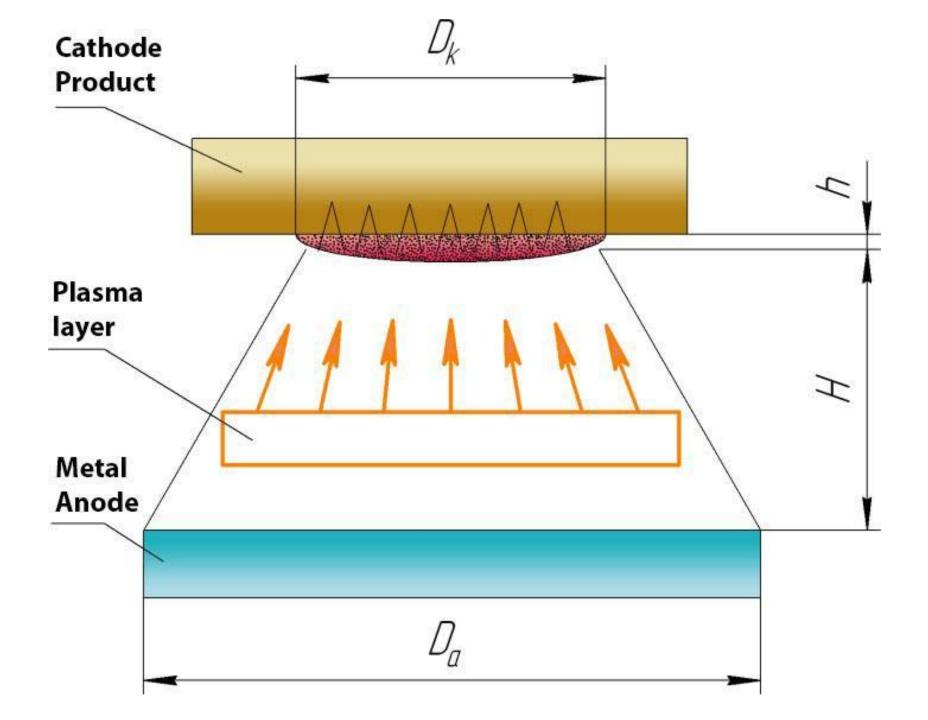
Surfacing

Nitriding









## THANKS FOR WATCHING!