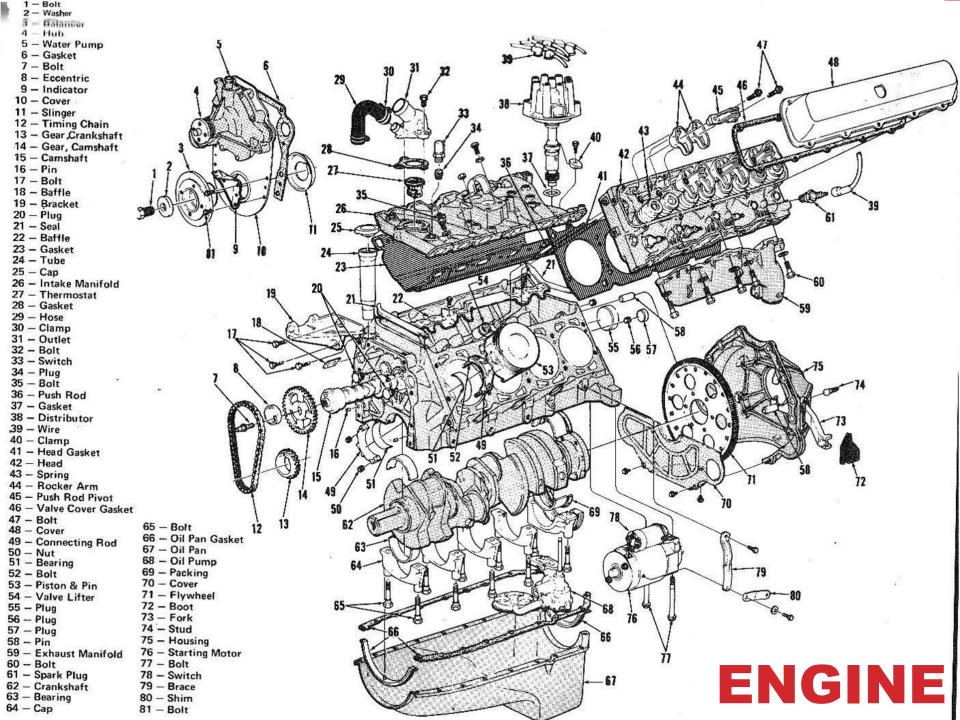
IMPROVING THE REDUCTION PROCESS OF CRANKSHAFTS BY ELECTROLYTIC-PLASMA MODIFICATION

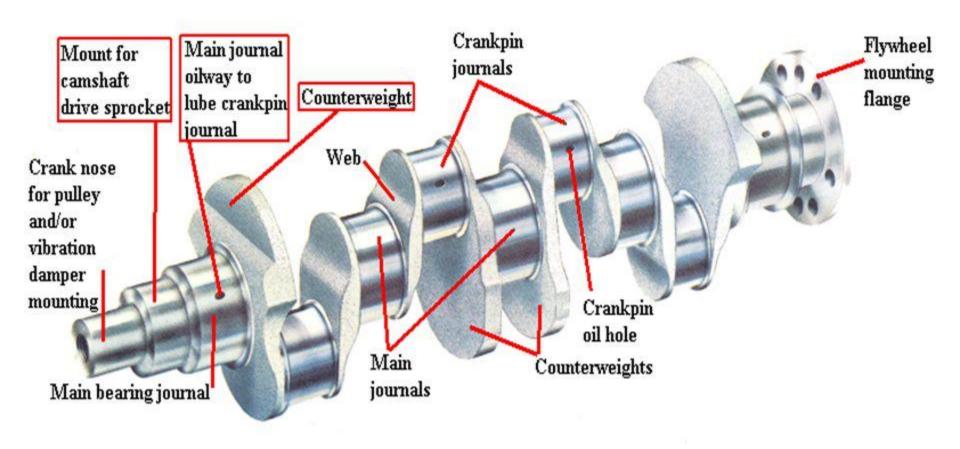
GRIDUNOV IVAN 21-DTT-3A

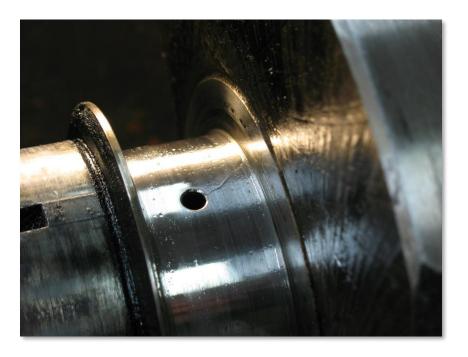


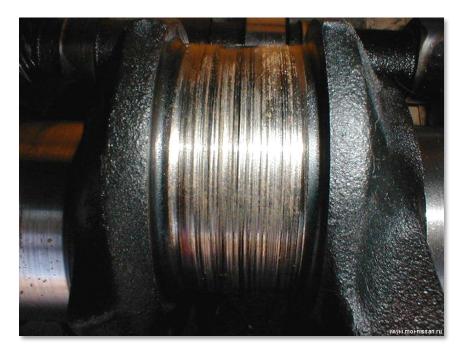
DIFFICULT CONDITIONS

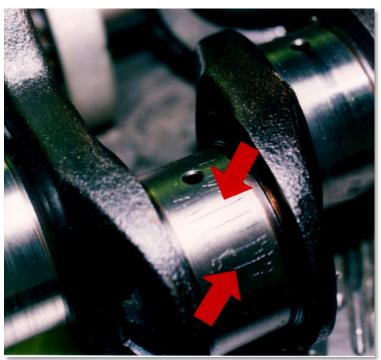


Crank Shaft











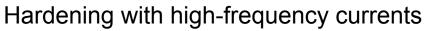


Grinding



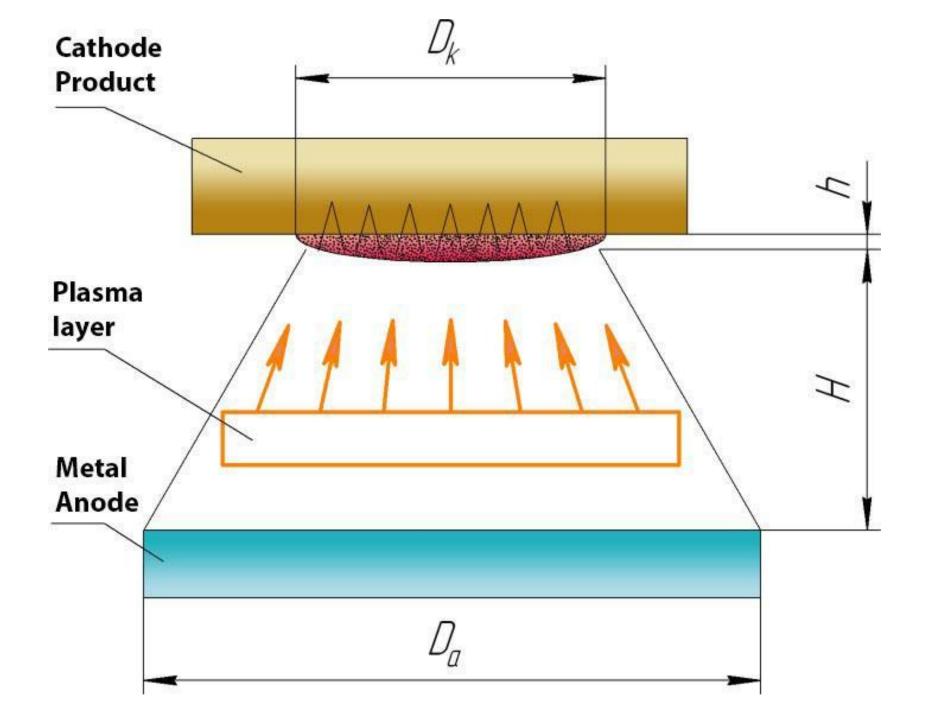
Surfacing

Nitriding









THANKS FOR WATCHING!