

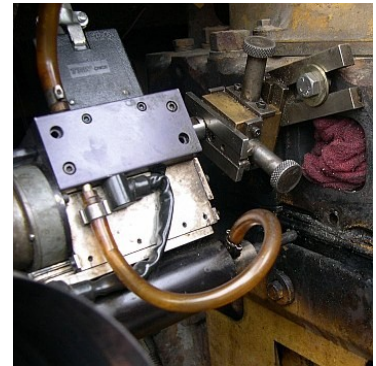
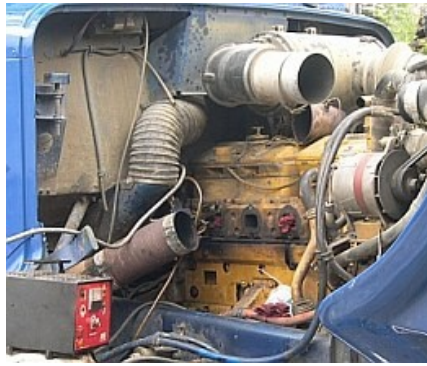
# Miscellaneous broken stud, pin, tap removal examples.

2

Rev 4



Carburetor with small needle valve screw to be removed. Electrode: .062" Brass tubing. Time: 2 min-

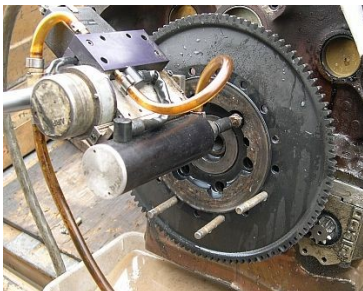


Shows EDM machine setup on diesel truck motor to remove an exhaust manifold stud broken off in cylinder head.

In left photo machine is not set up yet In right photo electrode is at bottom right after burning hole through broken stud. In this case there was a broken easy-out broken in the stud.



Job: Broken stud in crankshaft end plate. Engine is in vehicle and on a lift with transmission and flywheel removed (photo 1). Machine is set up using a neighbor threaded hole in crankshaft (photo 2). Hole after EDM work and before picking out remaining thread sleeve Electrode: Graphite tube 10 mm stud 20 mm deep Time: 12 minutes. Last photo shows stud removed and ready to pick out remainder of thread sleeve .



Job: EDM stripped head of ring gear bolt. Then unscrew bolt by hand. Again, working under lift. Rear of engine shown. Electrode Graphite Tube 5/8 OD x 3/8 ID Time = 6 minutes



## The AGB Portable EDM Model 2



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