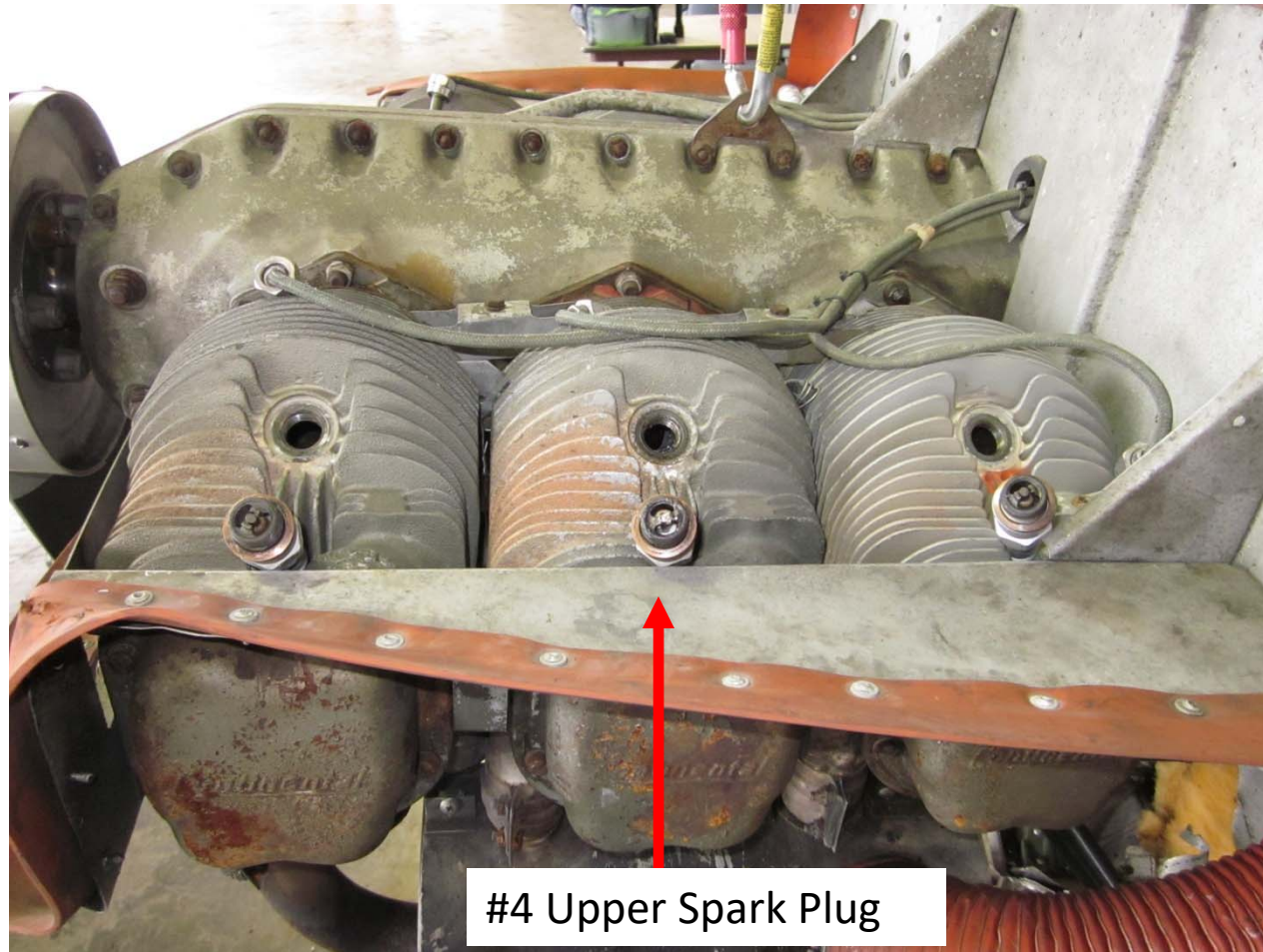


N211FC

Engine Teardown

August 19, 2016

The engine would not rotate through a complete cycle although the crankshaft had continuity. It was found that the #4 Cylinder spark plug showed damage upon removal

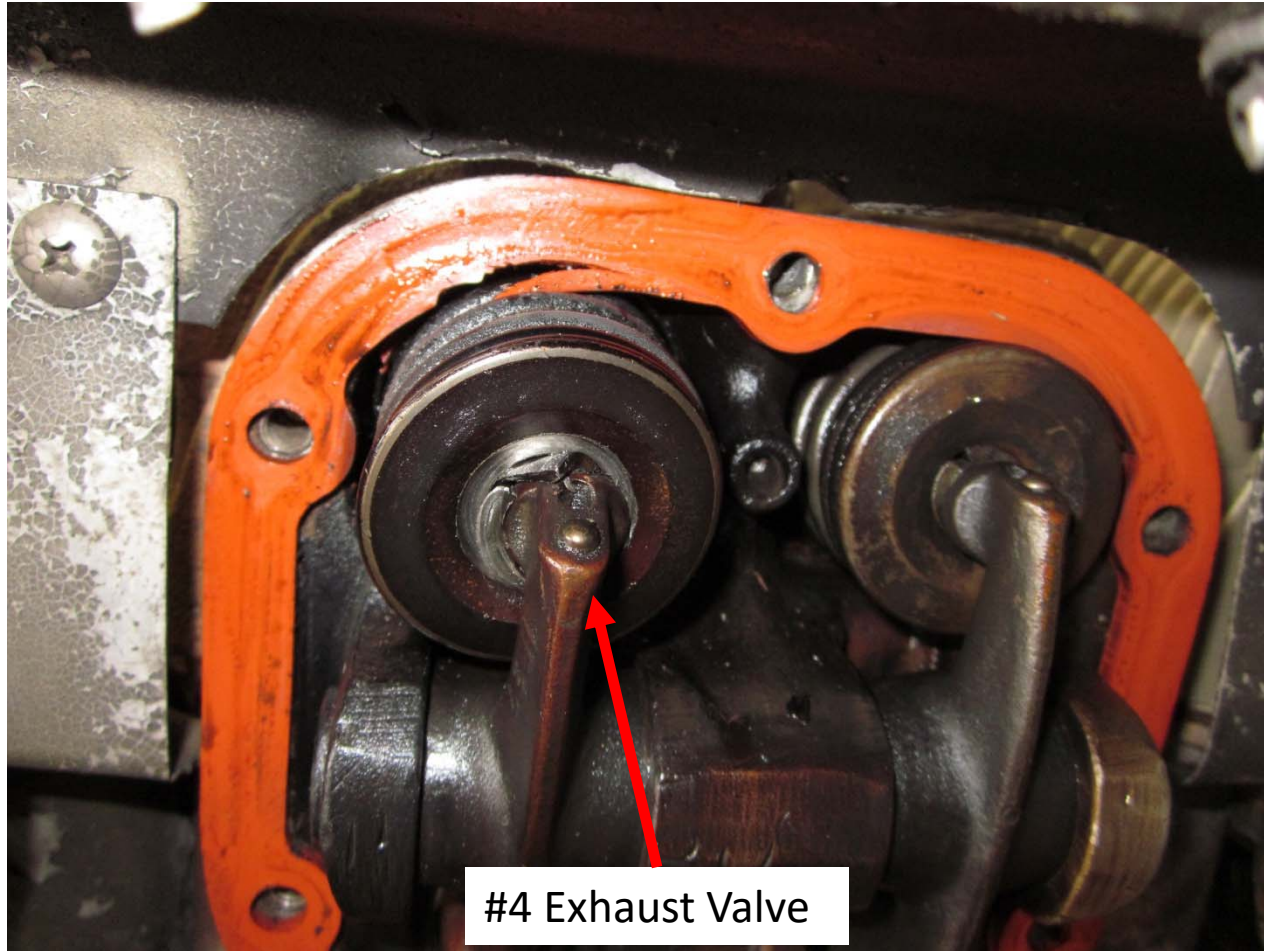


#4 Upper Spark Plug

#4 Cylinder upper and lower spark plugs

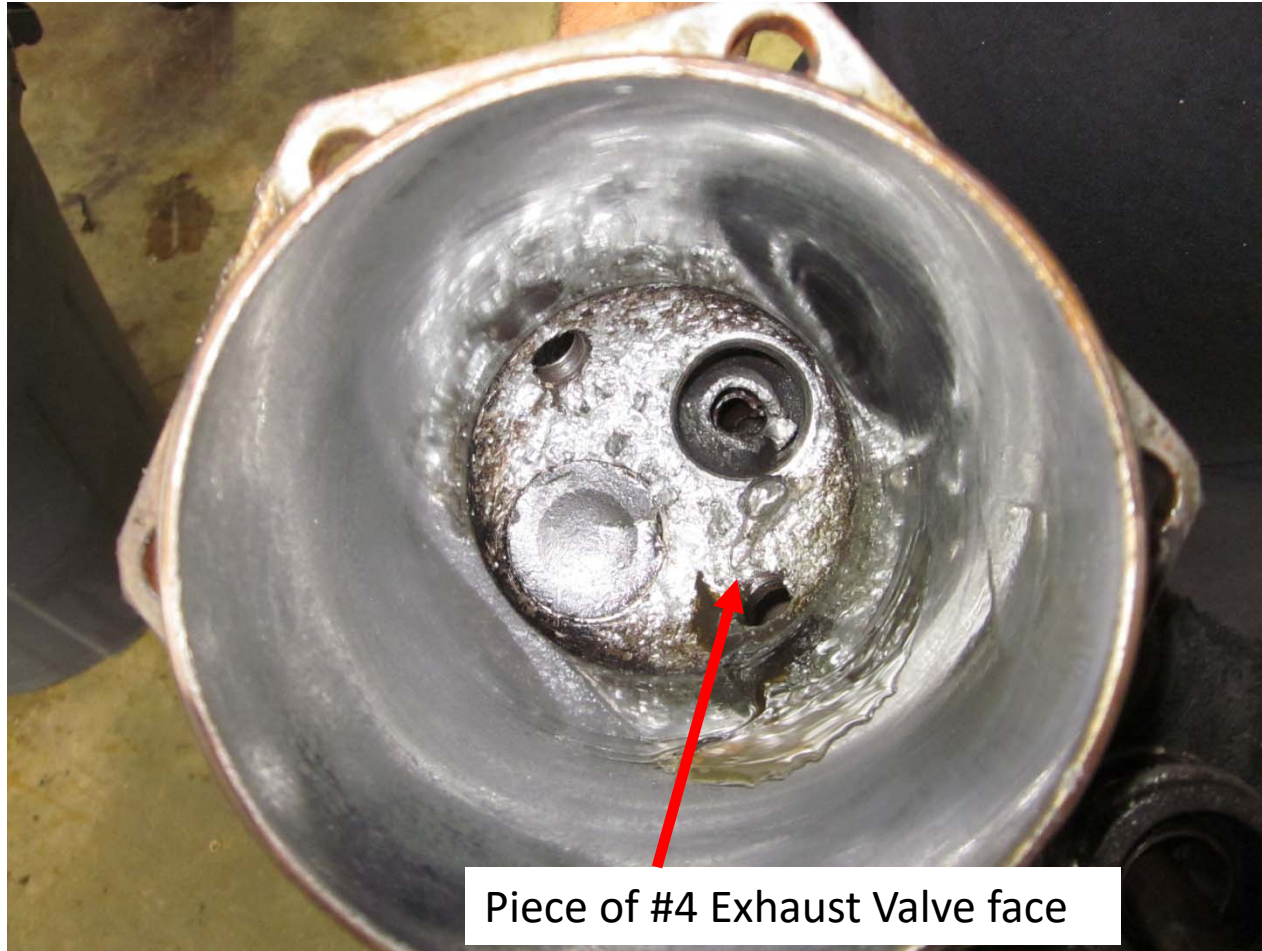


#4 cylinder rocker arm (exhaust valve is on the left)



#4 Exhaust Valve

Inside of #4 Cylinder



Piece of #4 Exhaust Valve face

#4 Piston



#4 Exhaust Valve

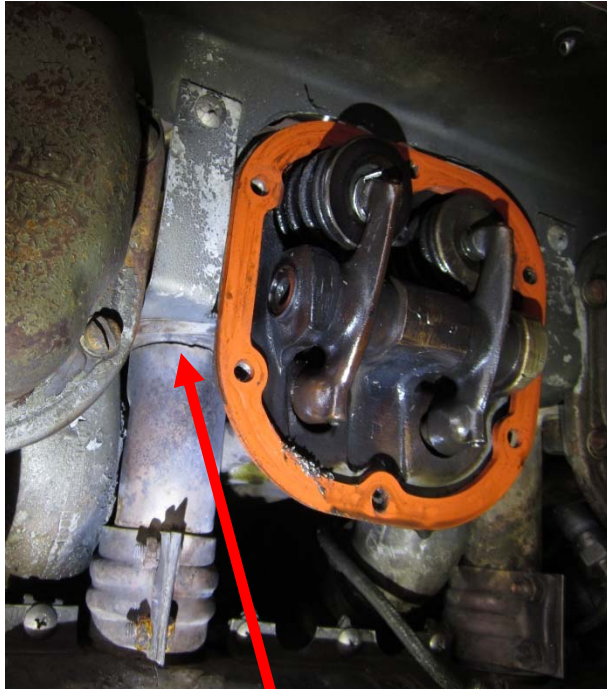


These pieces were found in the left side muffler



Piece that was in
the #4 Cylinder

Other findings



#4 Exhaust found cracked



#6 Exhaust