

1995 Toyota Camry Front Valve Cover Gasket Replacement



Left



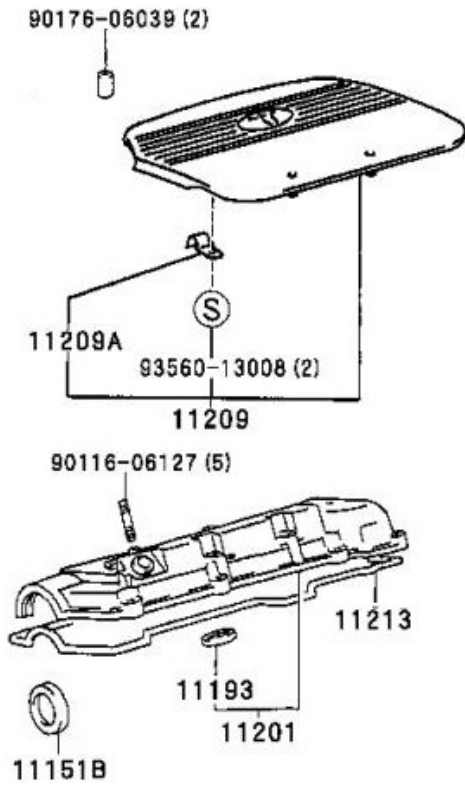
Middle



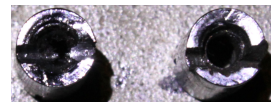
Right

Consecutive but not intensive engine oil leak from front engine cover was observed.

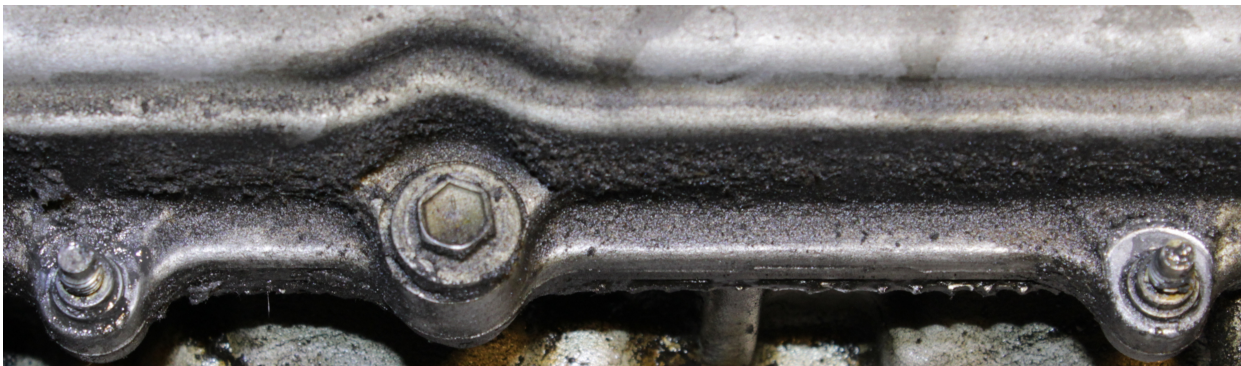
I faced with problem on removing a plastic engine cover caused by broken stud nuts although it had to be beginner level (Circle of like-minded people; 同好会 or 学会) work.



Plastic Engine Cover fastened by two stud nuts



Old nuts made slit



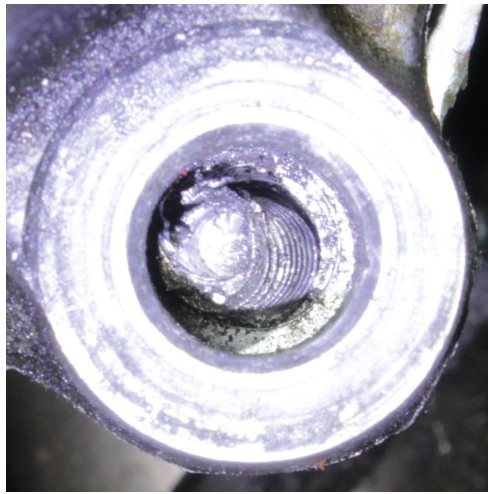
Old & New nuts

Unable to unplug, Made slit by rotary tool with cutting disc, Unplugged by large flat driver

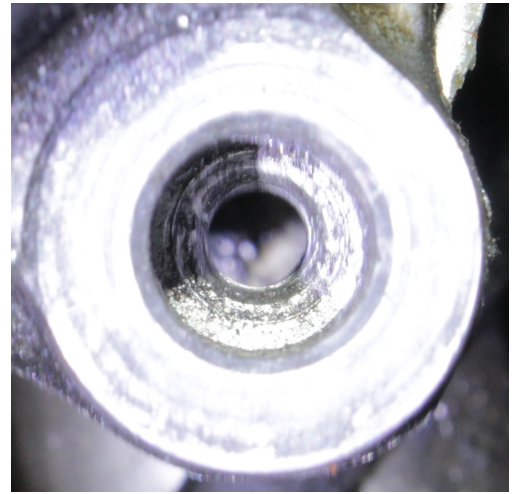
Stud Nuts



Center punch to get precise center



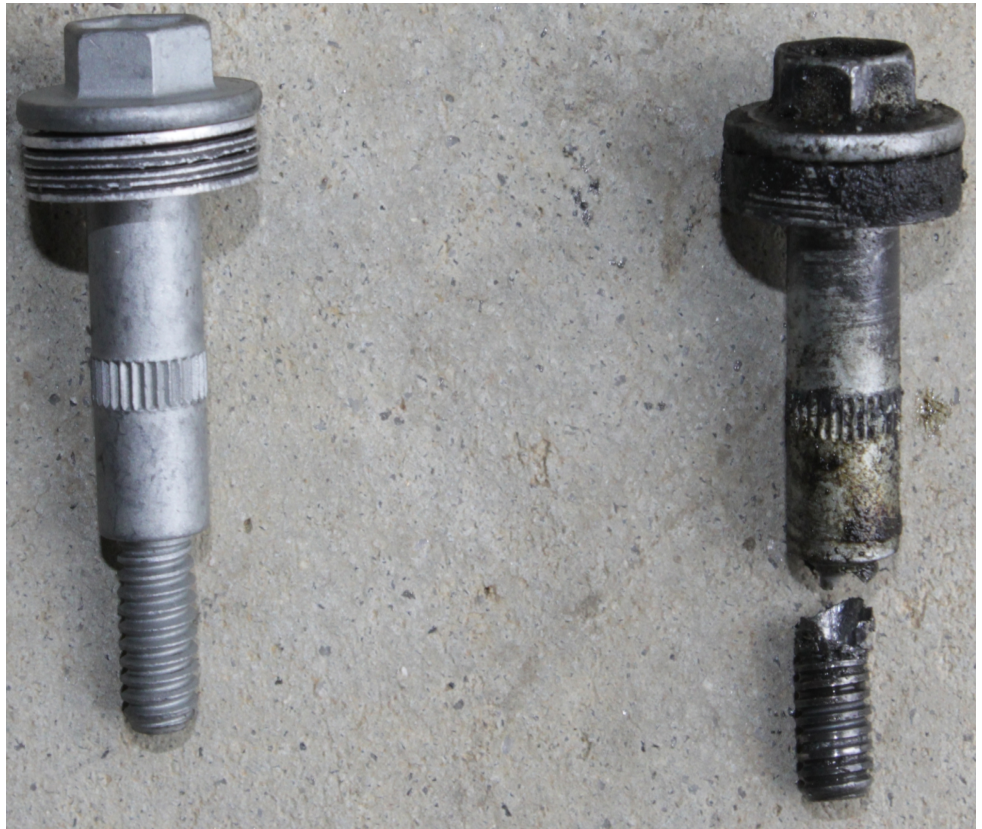
Successful removal



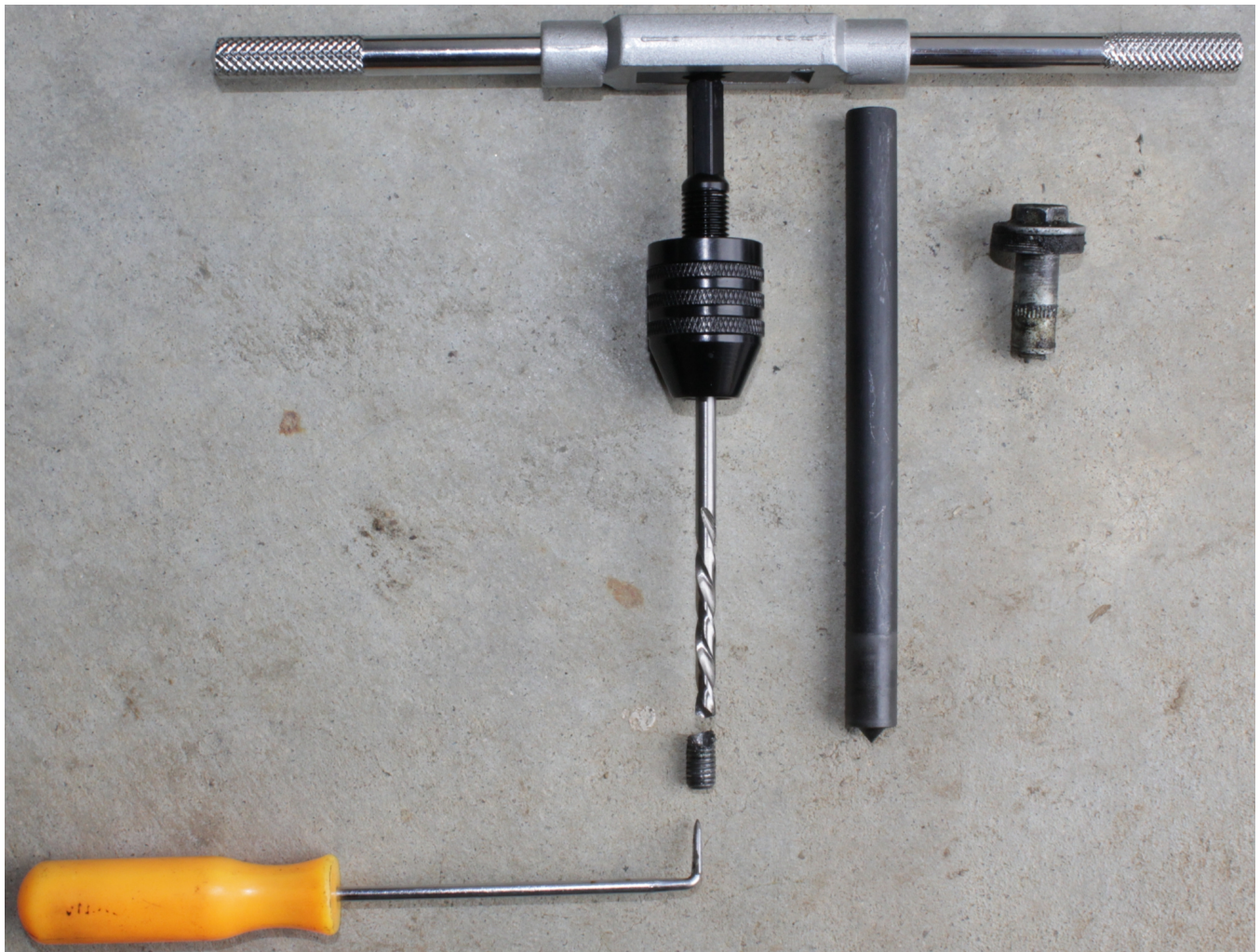
See through the intact thread



Center punch exactly fit the diameter



New stud bolt & Old stud bolt broke off



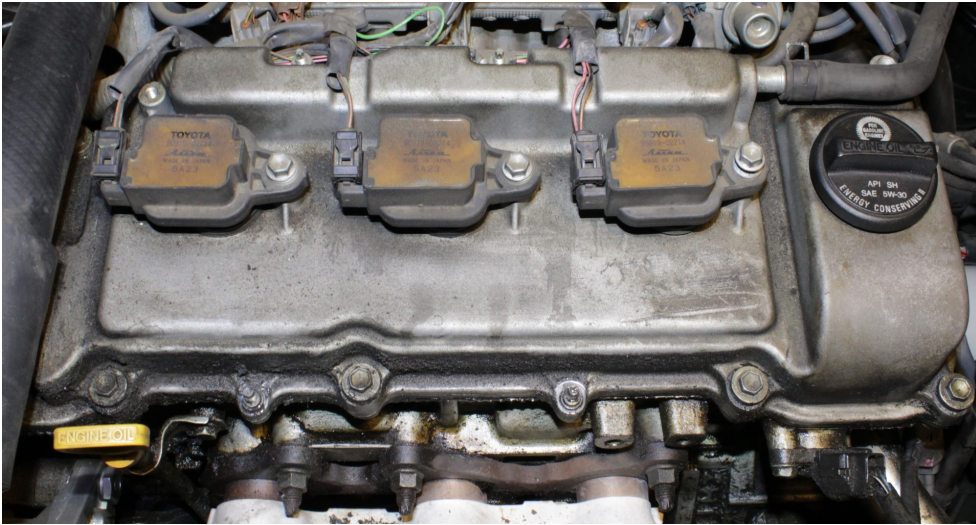
Anti-clockwise rotation pushing down lefthand drill bit by Tap & Die handle and Drill chuck
 Pushing up the bottom of threaded bolt head stuck,,, Reamer did not help in this case of restricted margin



Lefthand drill bits & reamers



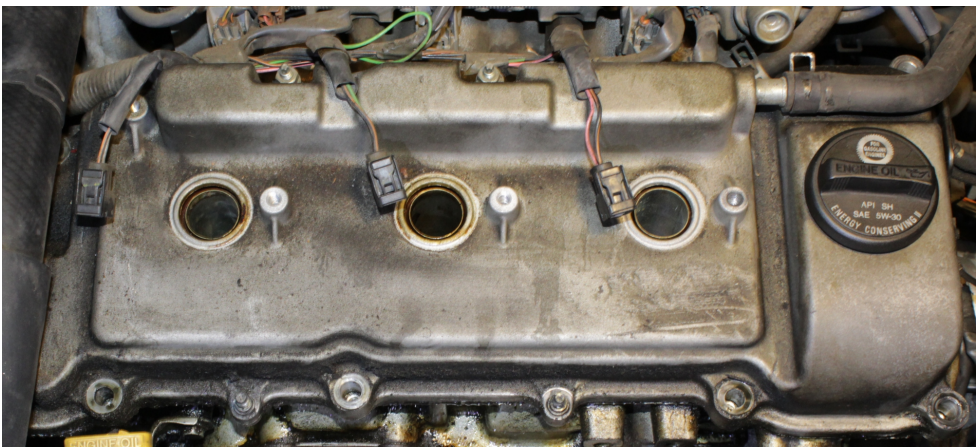
Center punches with various diameters



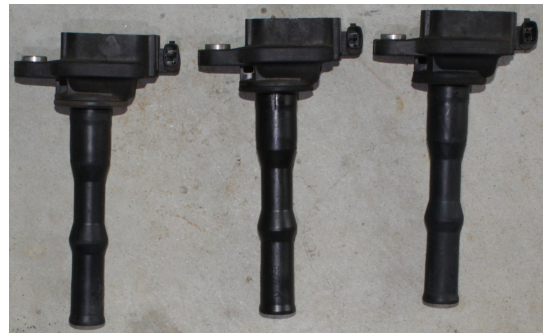
Plastic cover removed (Three ignition coil packs revealed)



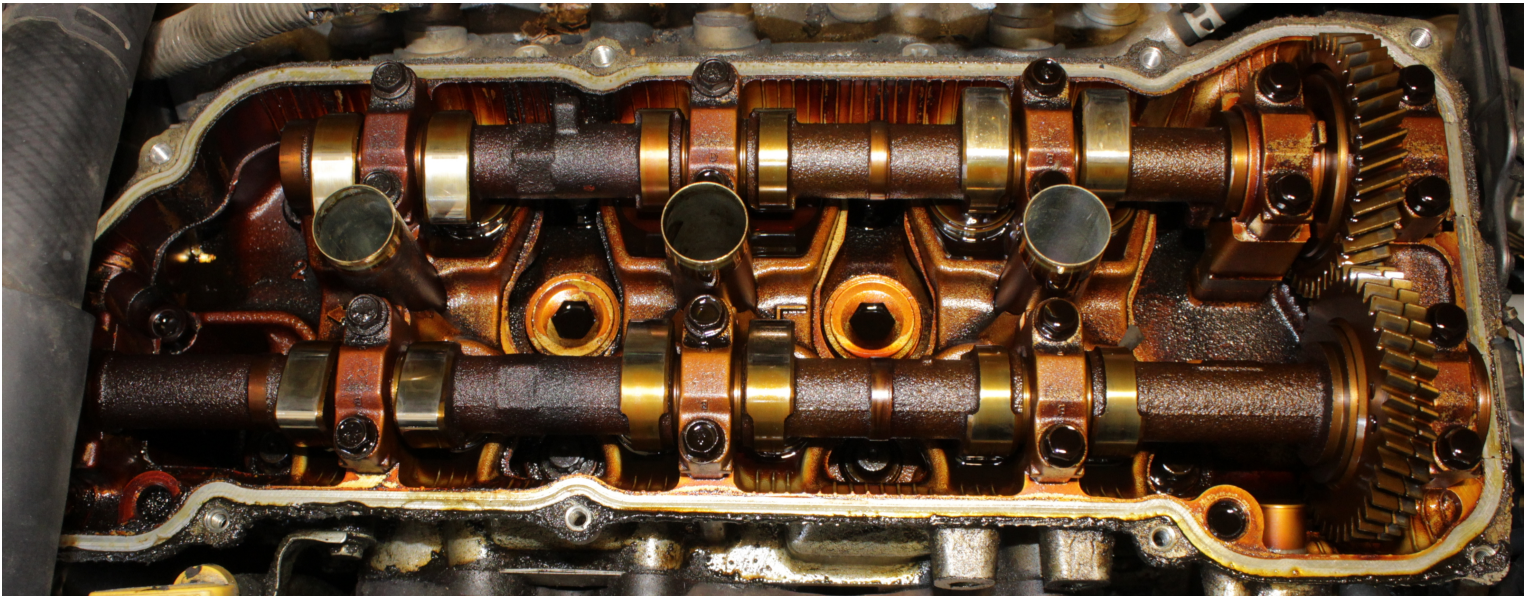
Plastic cover (Rear view)



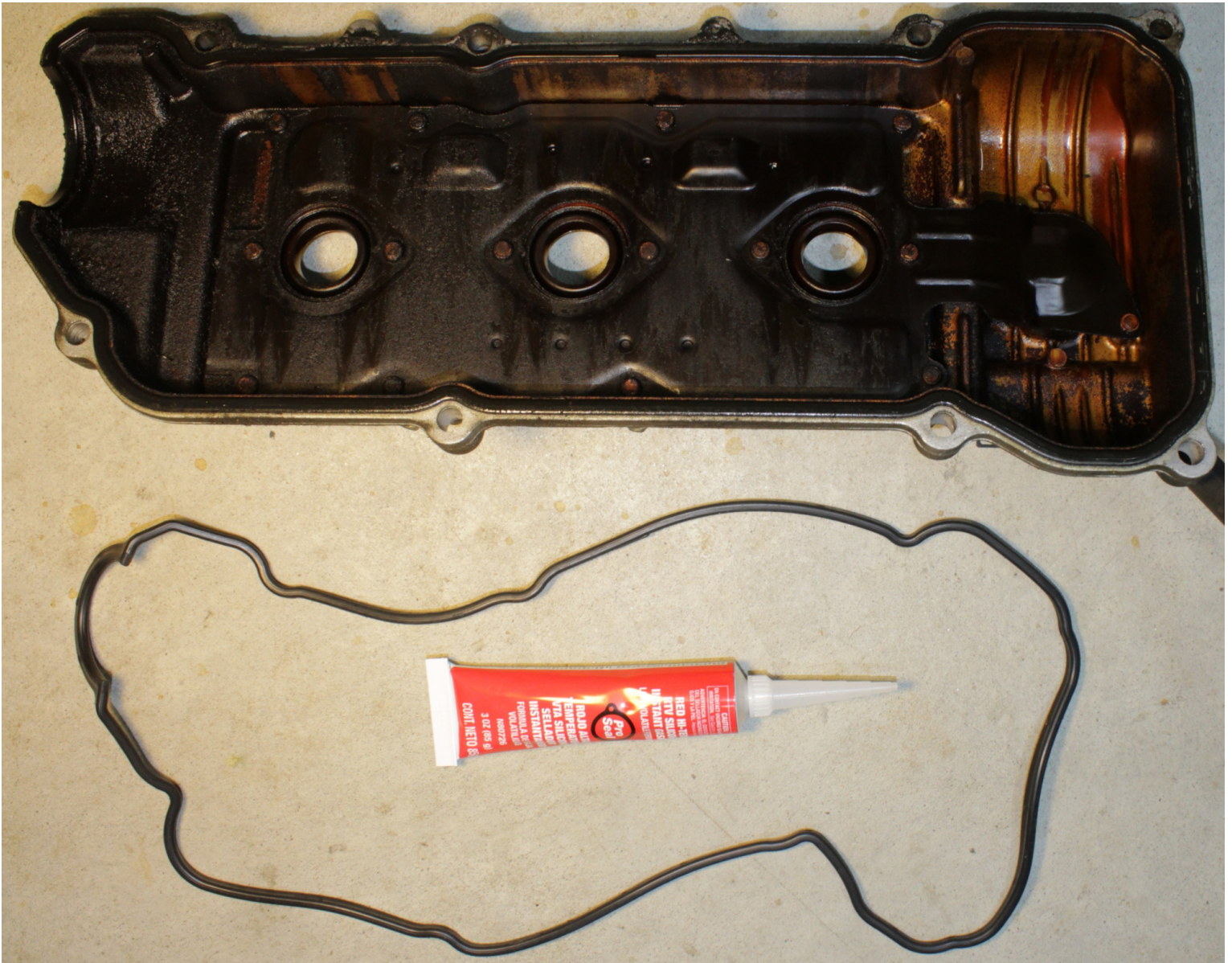
Ignition coil packs removed



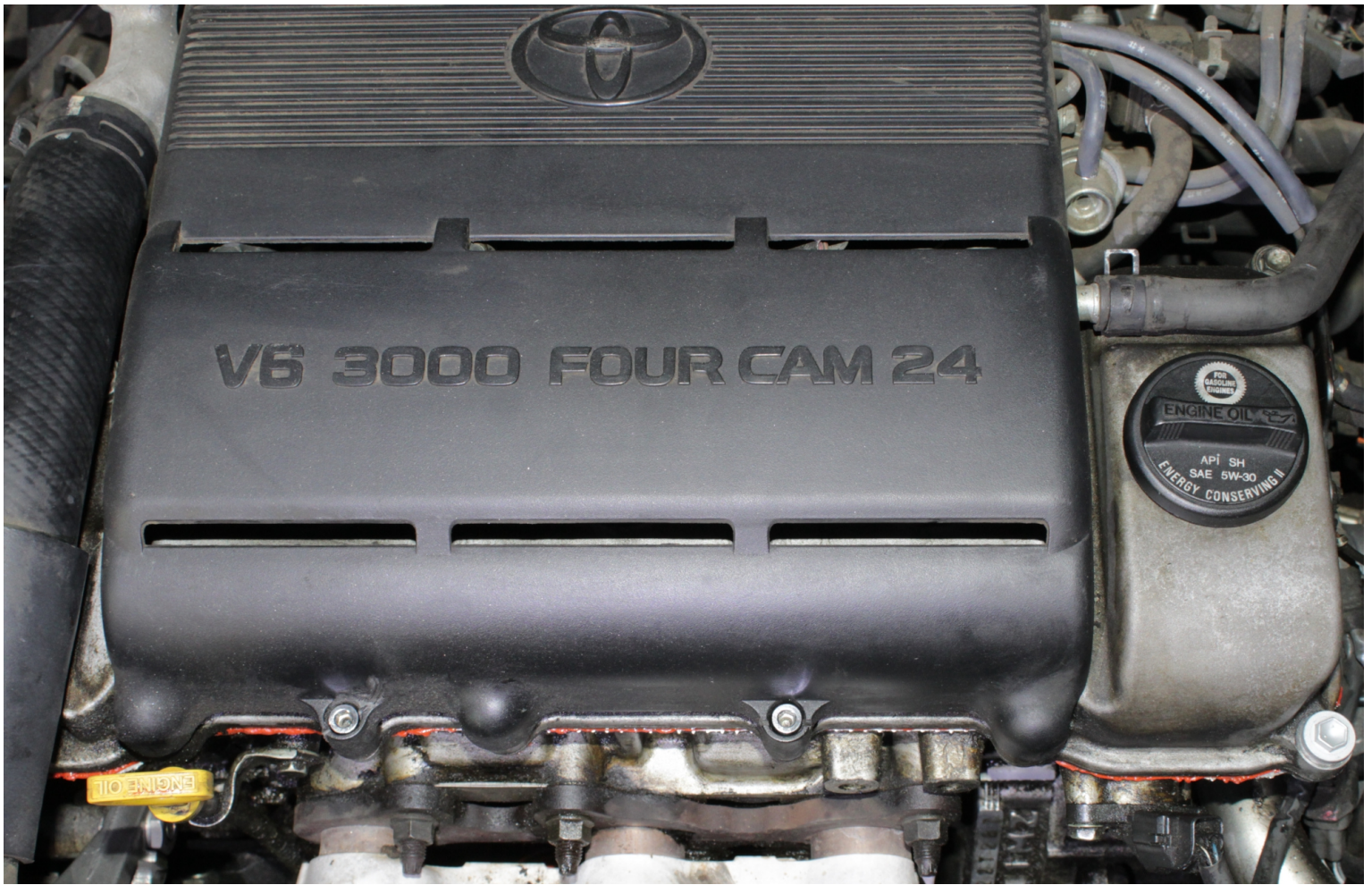
Three ignition coil packs



Inside engine room (Dirty engine oil remained should be cleaned out later)



Front valve cover detached (Deteriorated black gasket must be replaced to new one (below) with sealant (red))



Done (Red sealant exuded, Stud bolt (lower right) and two stud nuts (center) replaced)