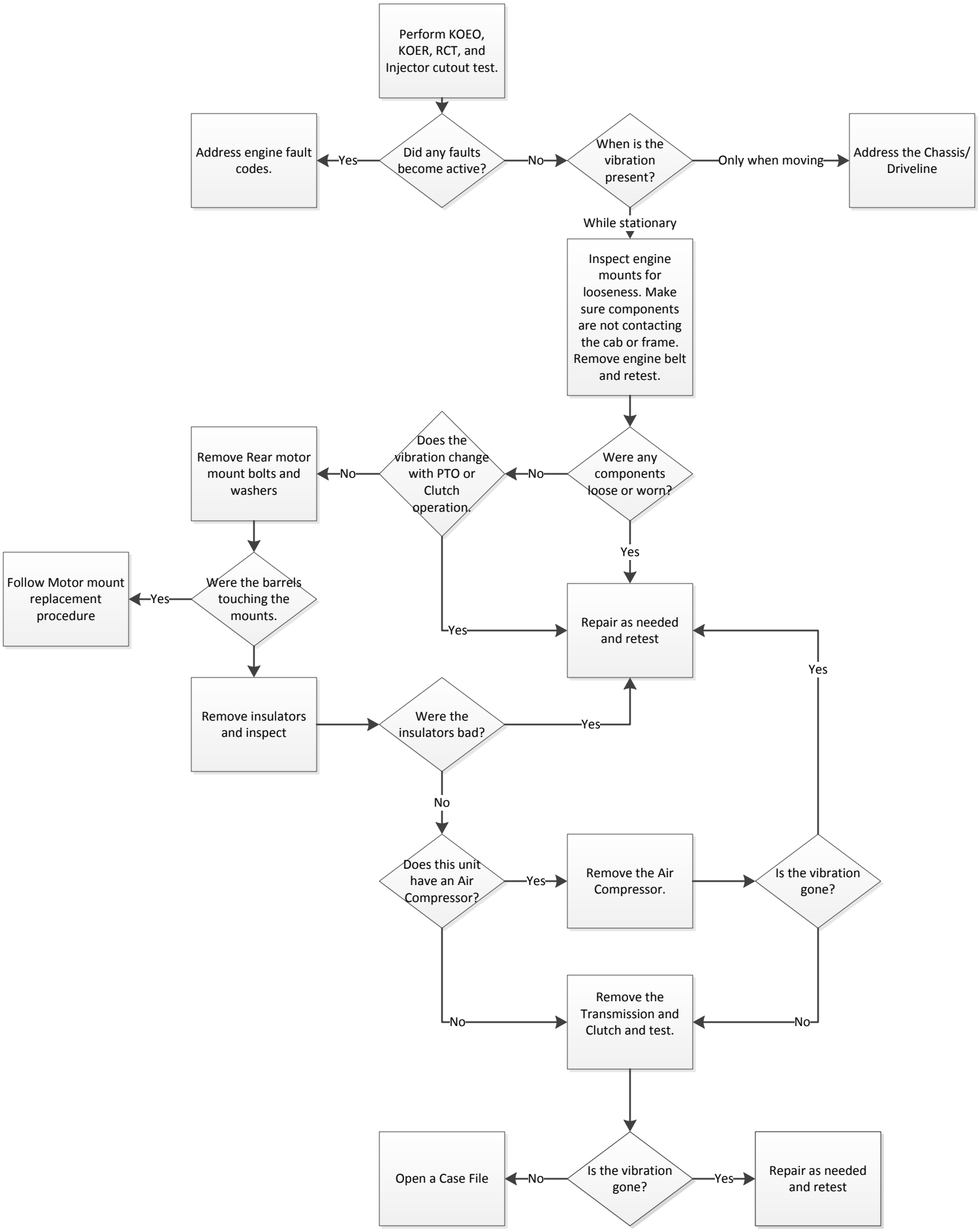
Perform KOEO, KOER, RCT, and Injector cutout test.
Did any faults become active?
Yes
Address engine fault codes.
No
When is the vibration present?
Only when moving
Address the Chassis/ Driveline
While stationary
Inspect engine mounts for looseness. Make sure components are not contacting the cab or frame. Remove engine belt and retest.
Were any components loose or worn?
No
Does the vibration change with PTO or Clutch operation.
No
Remove Rear motor mount bolts and washers
Were the barrels touching the mounts.
Yes
Follow Motor mount replacement procedure
Yes
Yes
Repair as needed and retest
Remove insulators and inspect
Were the insulators bad?
Yes
No
Does this unit have an Air Compressor?
Yes
Remove the Air Compressor.
Is the vibration gone?
Yes
No
Remove the Transmission and Clutch and test.
No
Is the vibration gone?
No
Open a Case File
Yes
Repair as needed and retest