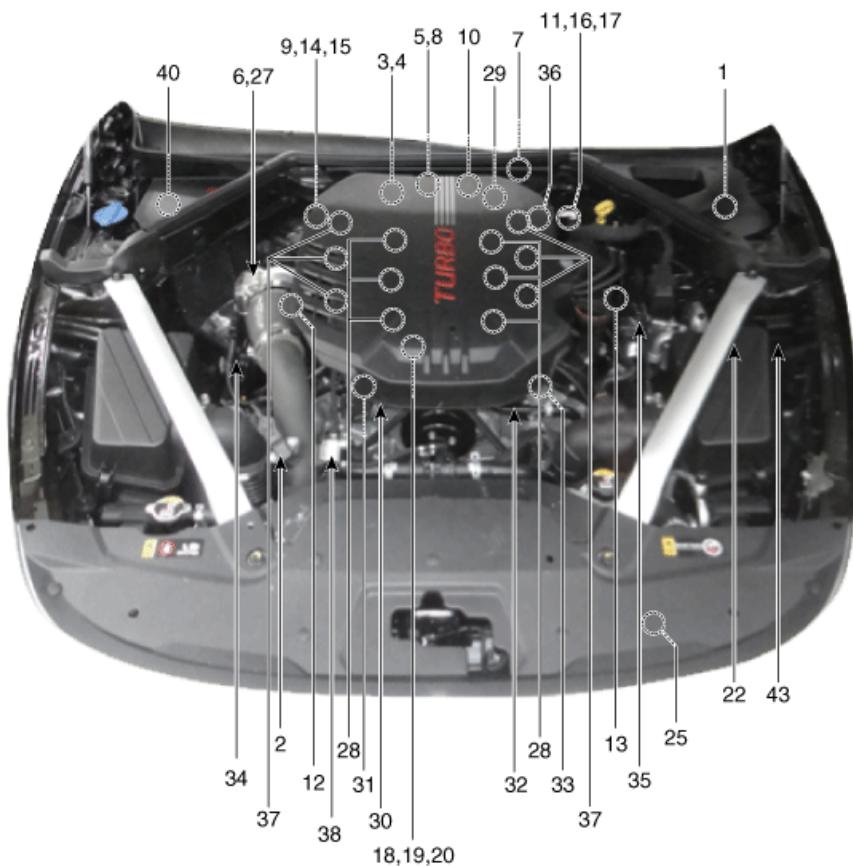
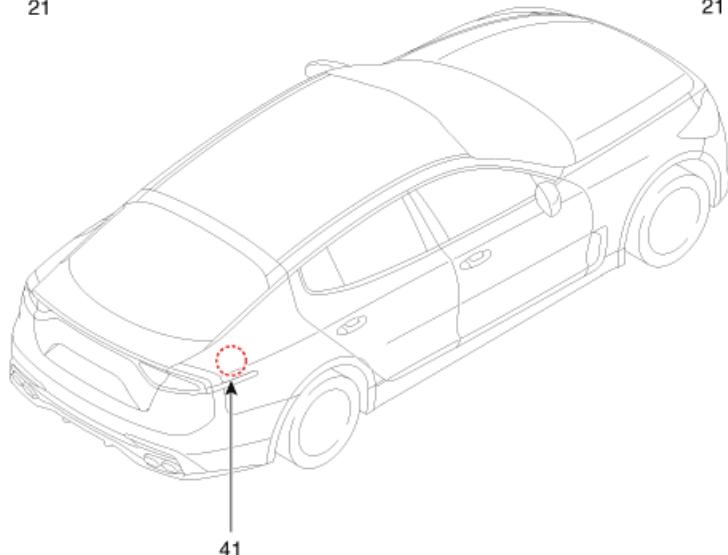


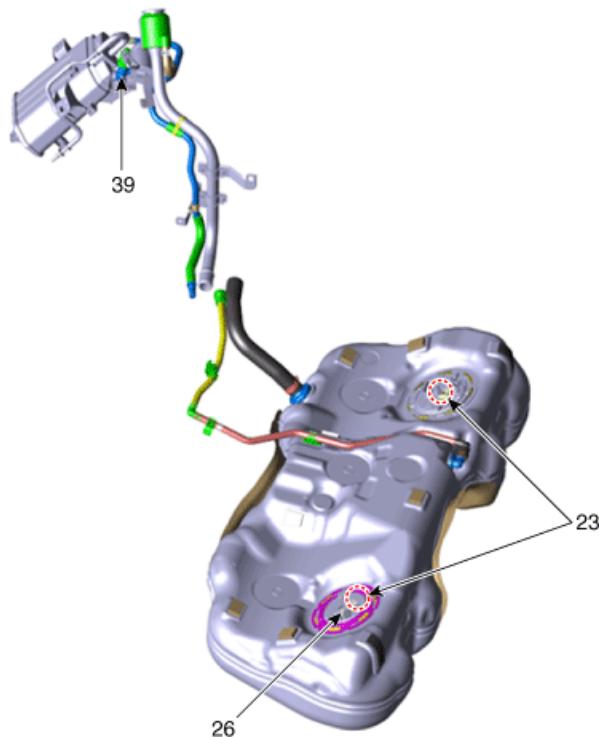


Components Location



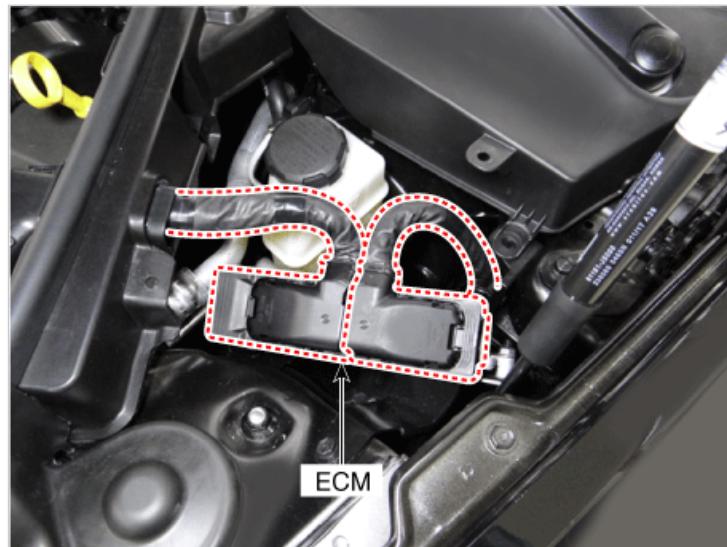
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2121
42

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|--|---|
| 1. ECM (Engine Control Module) | 23. Fuel Level Sensor (FLS) |
| 2. Boost Pressure Sensor (BPS) | 24. Fuel Pressure Sensor (FPS) |
| 3. Intake Air Temperature Sensor (IATS) | 25. Ambient Temperature Sensor (ATS) |
| 4. Manifold Absolute Pressure Sensor (MAPS) | 26. Fuel Tank Pressure Sensor (FTPS) |
| 5. Engine Coolant Temperature Sensor (ECTS) | 27. ETC Motor [integrated into ETC Module] |
| 6. Throttle Position Sensor (TPS) [integrated into ETC Module] | 28. Injector |
| 7. Crankshaft Position Sensor (CKPS) | 29. Purge Control Solenoid Valve (PCSV) |
| 8. Camshaft Position Sensor (CMPS) [Bank 1 / Intake] | 30. Variable force solenoid (VFS) [Bank 1 / Intake] |
| 9. Camshaft Position Sensor (CMPS) [Bank 1 / Exhaust] | 31. CVVT Oil Control Valve (OCV) [Bank 1 / Exhaust] |
| 10. Camshaft Position Sensor (CMPS) [Bank 2 / Intake] | 32. Variable force solenoid (VFS) [Bank 2 / Intake] |
| 11. Camshaft Position Sensor (CMPS) [Bank 2 / Exhaust] | 33. CVVT Oil Control Valve (OCV) [Bank 2 / Exhaust] |
| 12. Knock Sensor (KS) [Bank 1] | 34. Electric Waste Gate Actuator (EWGA) [Bank 1] |
| 13. Knock Sensor (KS) [Bank 2] | 35. Electric Waste Gate Actuator (EWGA) [Bank 2] |
| 14. Heated Oxygen Sensor (HO2S) [Bank 1 / Sensor 1] | 36. Fuel Pressure Control Valve (FPCV) |
| 15. Heated Oxygen Sensor (HO2S) [Bank 1 / Sensor 2] | 37. Ignition Coil |
| 16. Heated Oxygen Sensor (HO2S) [Bank 2 / Sensor 1] | 38. RCV Control Solenoid Valve |
| 17. Heated Oxygen Sensor (HO2S) [Bank 2 / Sensor 2] | 39. Canister Close Valve (CCV) |
| 18. Rail Pressure Sensor (RPS) | 40. Main Relay |
| 19. CVVT Oil Temperature Sensor (OTS) | 41. Fuel Pump Relay |
| 20. CVVT Oil Pressure Sensor (OPS) | 42. Data Link Connector (DLC) [16 Pin] |
| 21. Accelerator Position Sensor (APS) | 43. Multi-Purpose Check Connector [20 Pin] |
| 22. A/C Pressure Transducer (APT) | |

1. ECM (Engine Control Module)	2. Boost Pressure Sensor (BPS)



3. Intake Air Temperature Sensor (IATS)
4. Manifold Absolute Pressure Sensor (MAPS)



5. Engine Coolant Temperature Sensor (ECTS)



6. Throttle Position Sensor (TPS) [integrated into ETC Module]
27. ETC Motor [integrated into ETC Module]



7. Crankshaft Position Sensor (CKPS)



8. Camshaft Position Sensor (CMPS) [Bank 1 / Intake]



9. Camshaft Position Sensor (CMPS) [Bank 1 / Exhaust]



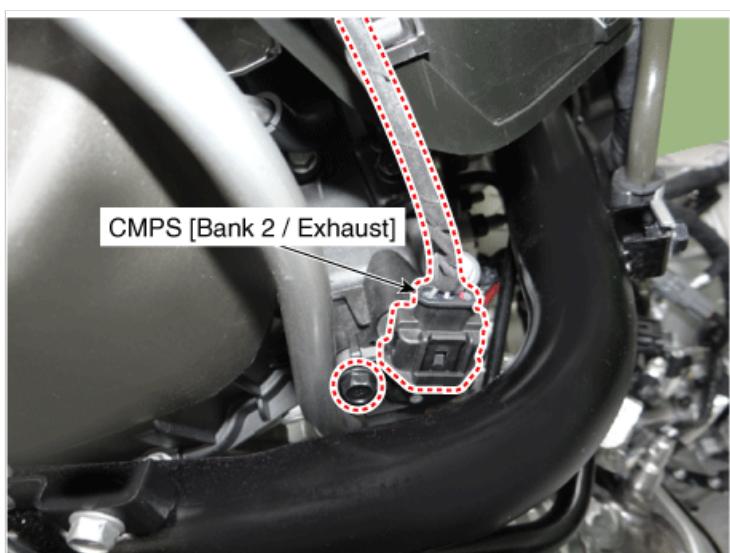
10. Camshaft Position Sensor (CMPS) [Bank 2 / Intake]



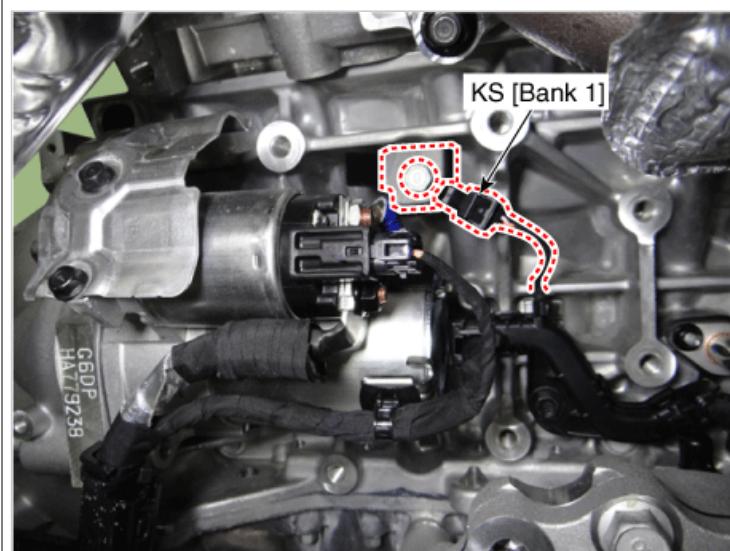
11. Camshaft Position Sensor (CMPS) [Bank 2 / Exhaust]



12. Knock Sensor (KS) [Bank 1]



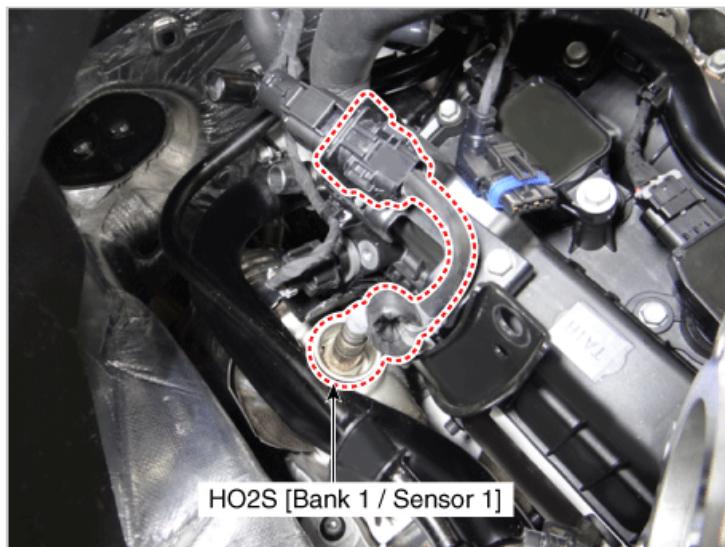
13. Knock Sensor (KS) [Bank 2]



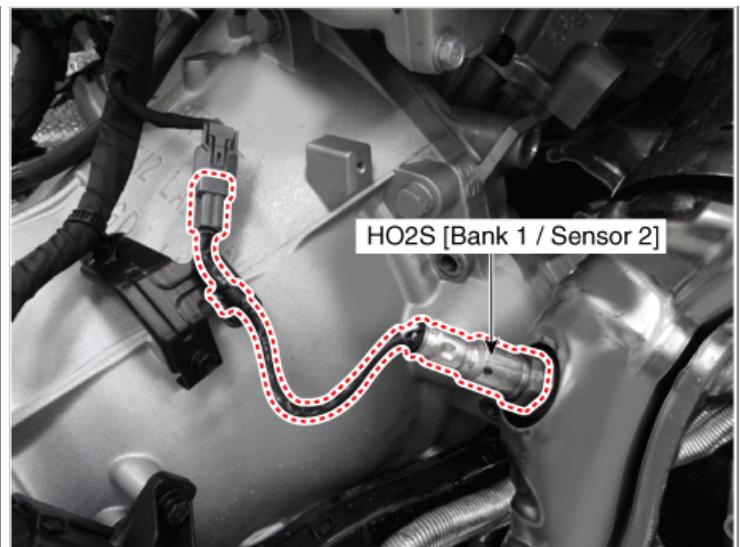
14. Heated Oxygen Sensor (HO2S) [Bank 1 / Sensor 1]



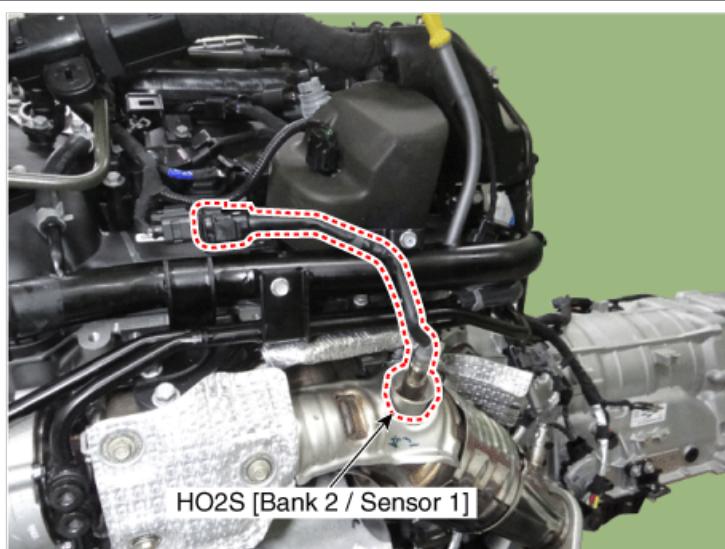
15. Heated Oxygen Sensor (HO2S) [Bank 1 / Sensor 2]



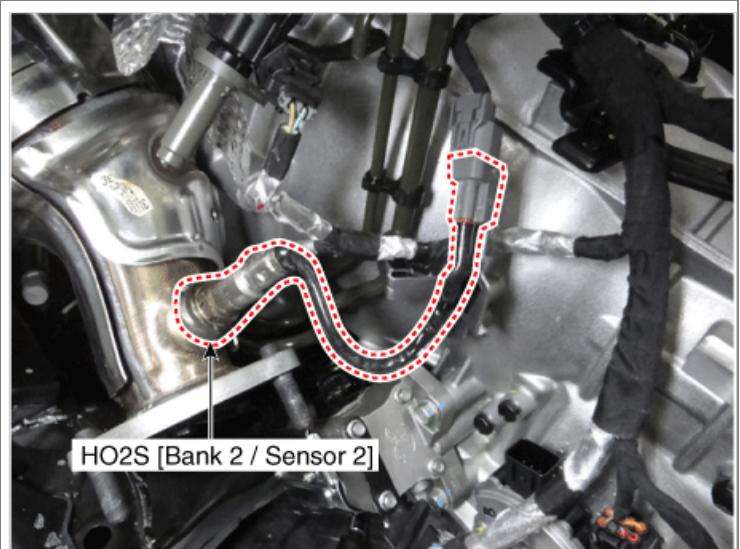
16. Heated Oxygen Sensor (HO2S) [Bank 2 / Sensor 1]



17. Heated Oxygen Sensor (HO2S) [Bank 2 / Sensor 2]



18. Rail Pressure Sensor (RPS)



19. CVVT Oil Temperature Sensor (OTS)

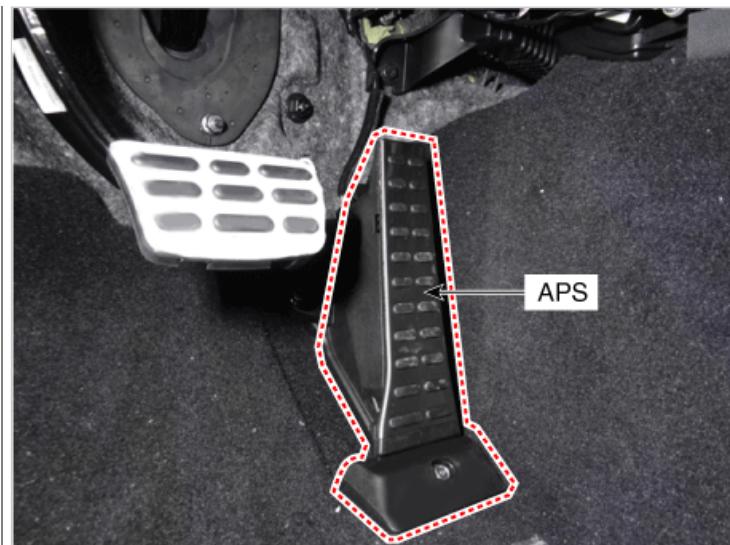
20. CVVT Oil Pressure Sensor (OPS)



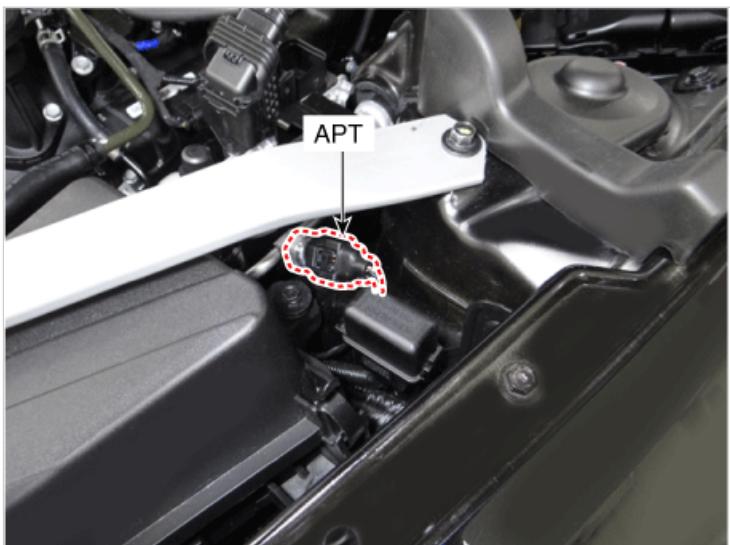
21. Accelerator Position Sensor (APS)



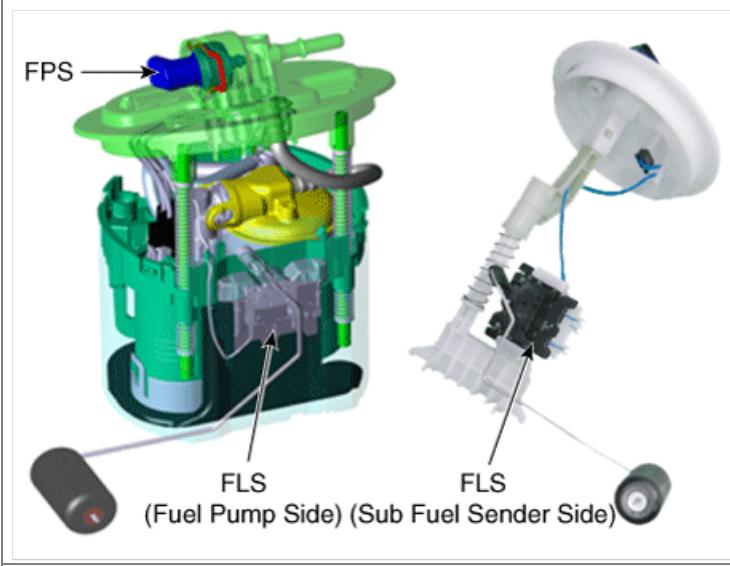
22. A/C Pressure Transducer (APT)



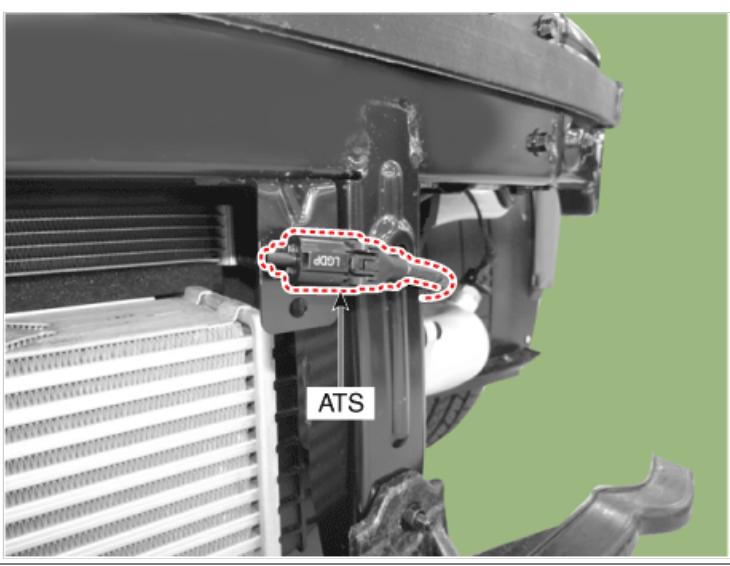
23. Fuel Level Sensor (FLS)
24. Fuel Pressure Sensor (FPS)



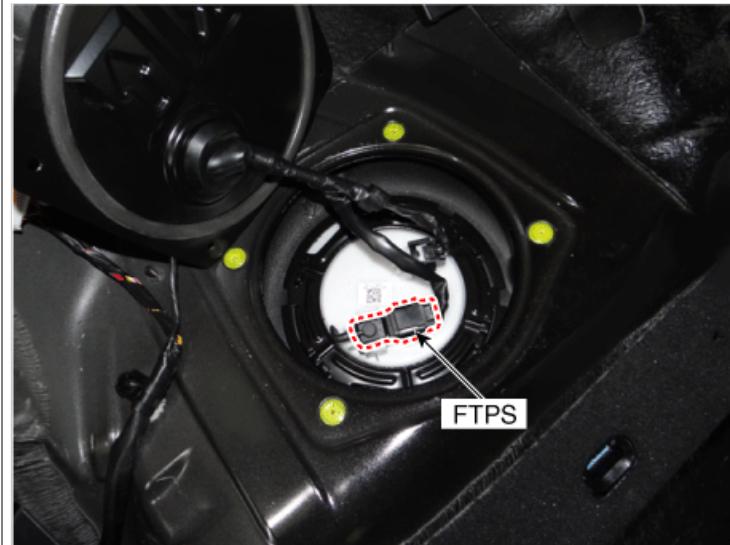
25. Ambient Temperature Sensor (ATS)



26. Fuel Tank Pressure Sensor (FTPS)



28. Injector



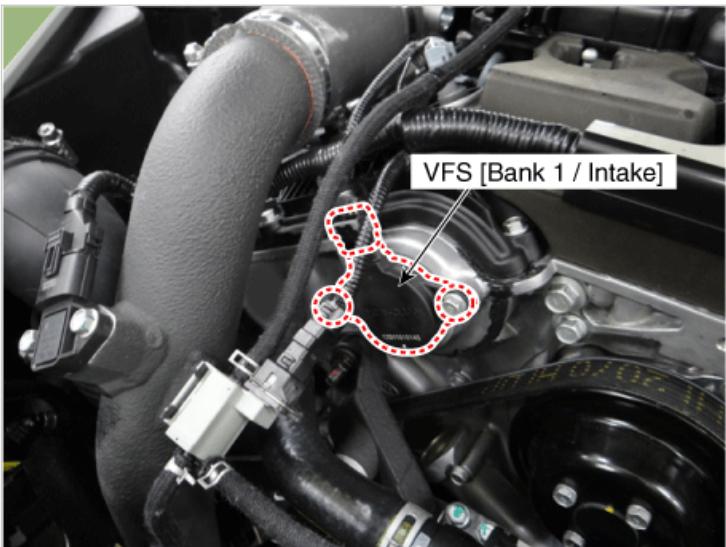
29. Purge Control Solenoid Valve (PCSV)



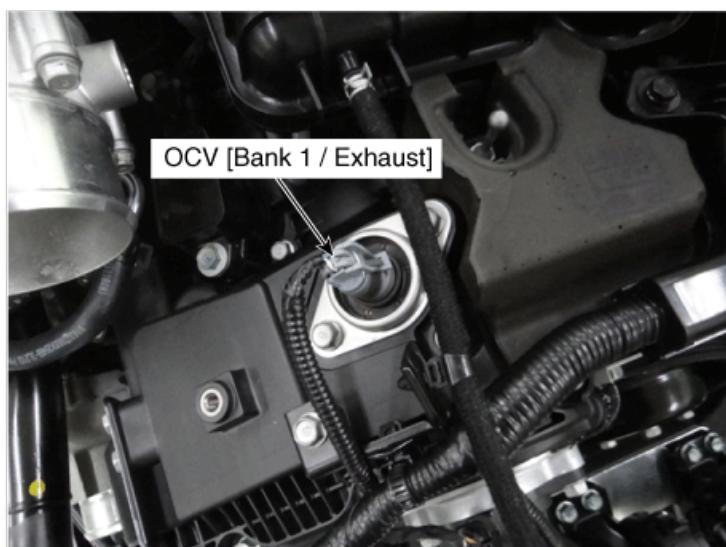
30. Variable force solenoid (VFS) [Bank 1 / Intake]



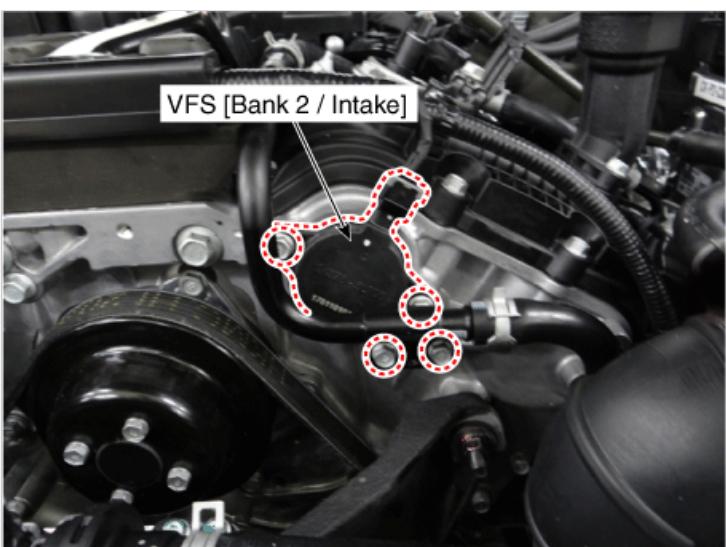
31. CVVT Oil Control Valve (OCV) [Bank 1 / Exhaust]



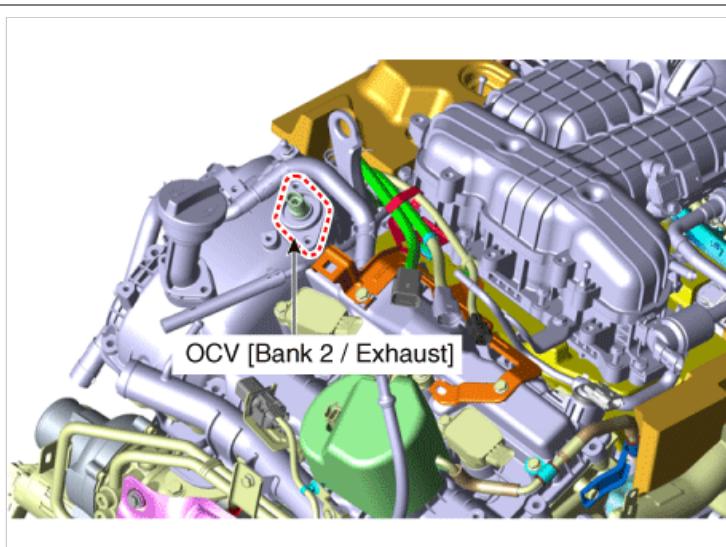
32. Variable force solenoid (VFS) [Bank 2 / Intake]



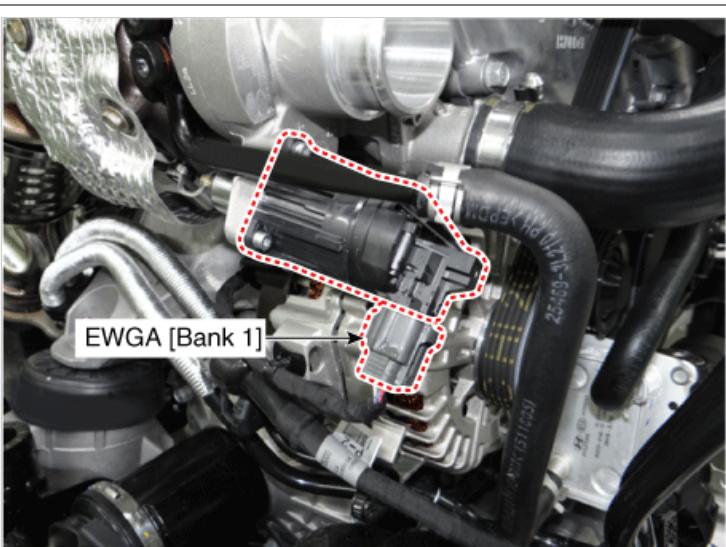
33. CVVT Oil Control Valve (OCV) [Bank 2 / Exhaust]



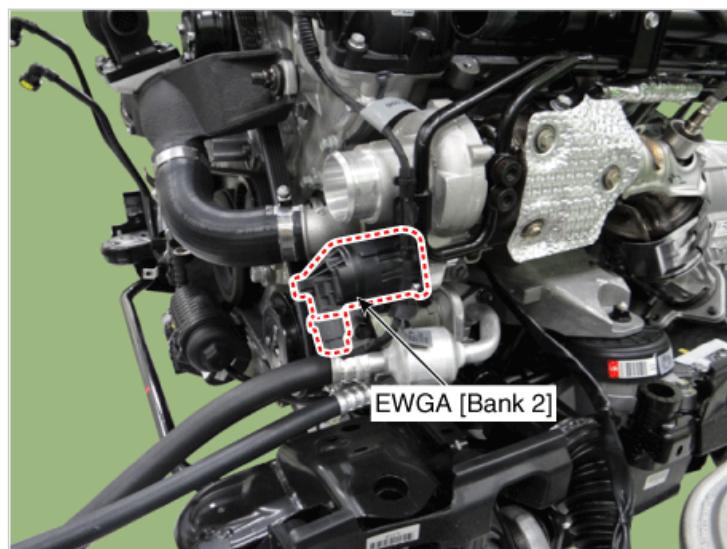
34. Electric Waste Gate Actuator (EWGA) [Bank 1]



35. Electric Waste Gate Actuator (EWGA) [Bank 2]



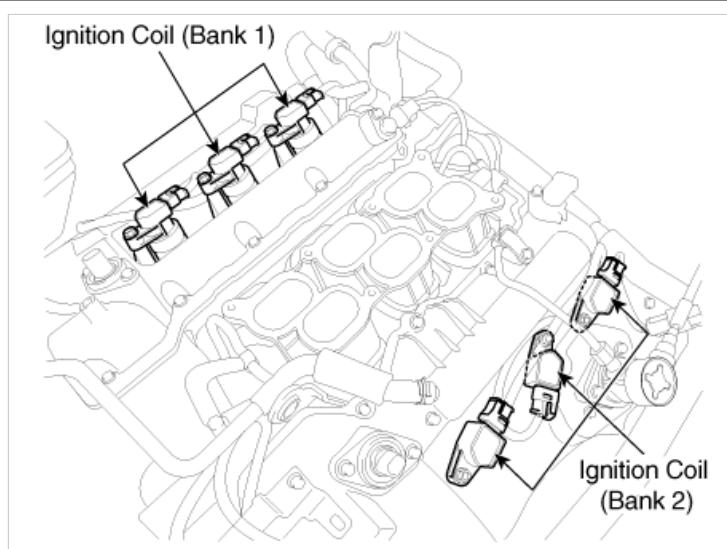
36. Fuel Pressure Control Valve (FPCV)



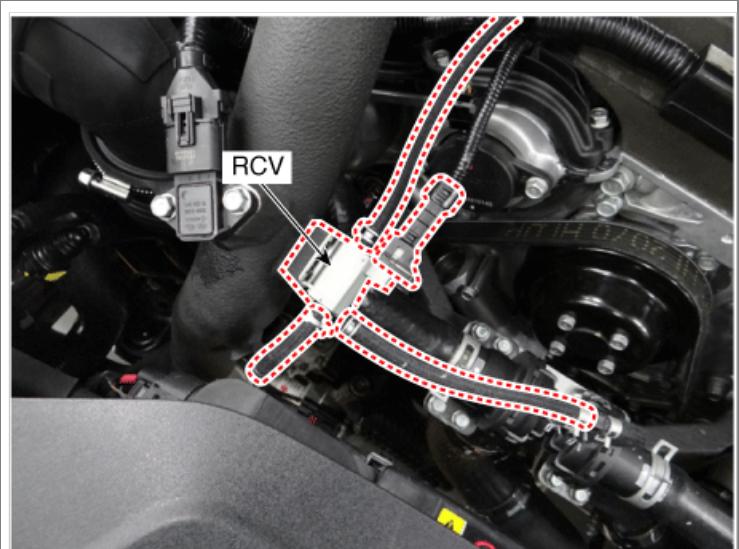
37. Ignition Coil



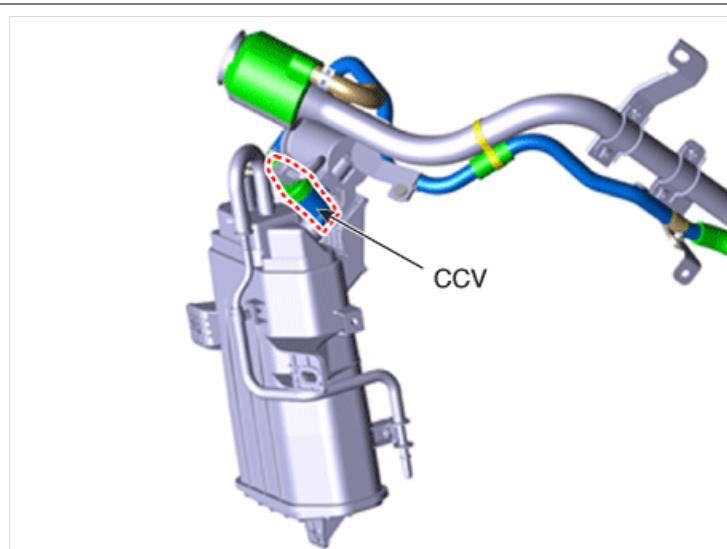
38. RCV Control Solenoid Valve



39. Canister Close Valve (CCV)



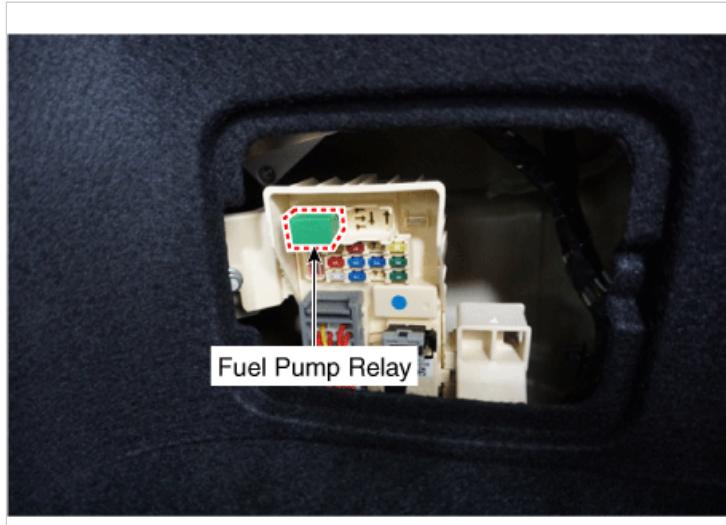
40. Main Relay



41. Fuel Pump Relay



42. Data Link Connector (DLC) [16 Pin]



43. Multi-Purpose Check Connector [20 Pin]



43. Multi-Purpose Check Connector [20 Pin]

