

► TASK Diagnose emissions and driveability concerns caused by the exhaust gas recirculation (EGR) system; inspect, test, service, and/or replace electrical/electronic sensors, controls, wiring, tubing, exhaust passages, vacuum/pressure controls, filters, and hoses of exhaust gas recirculation (EGR) systems; determine needed action.

MAST
8E3

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: C667

Vehicle used for this activity:

Year _____ Make _____ Model _____

Odometer _____ VIN _____

1. List the EGR-related customer concern:

2. Research the particular concern in the appropriate service information.

a. List the possible causes:

b. List or print off and attach to this sheet the procedure for diagnosing the concern:

3. Using the recommended procedure, inspect and diagnose any emissions and driveability concerns caused by the EGR system. List your tests and observations here:

4. List the cause of the concern:

5. Determine any necessary action(s) to correct the fault:

6. Research the procedure for inspecting and testing the electrical/electronic components of the EGR system on this vehicle in the appropriate service information.
 - a. List any EGR electrical specifications for this vehicle:

7. Follow the specified procedure to inspect and test the EGR system components. List your observations for each component below:
 - a. EGR valve, if electrically operated:

 - b. EGR vacuum solenoid, if equipped:

 - c. EGR flow sensor, if equipped:

 - d. Electrical wiring:

8. Determine any necessary action(s):

9. Have your supervisor/instructor verify your conclusions. Supervisor's/ instructor's initials: _____

10. Perform any necessary action(s) and list them here:

11. Research the procedure for inspecting and testing the EGR system on this vehicle in the appropriate service information.

- a. List the type of EGR valve this vehicle is equipped with: _____
- b. List the service interval for replacing any of the EGR system components:

12. Follow the specified procedure to inspect and test the EGR system. List your observations for each component below:

a. EGR valve:

b. EGR tubing and exhaust passages:

c. Vacuum/pressure controls:

d. Filters and hoses:

13. Determine any necessary action(s):

**14. Have your supervisor/instructor verify your conclusions. Supervisor's/
instructor's initials: _____**

15. Perform any necessary action(s) and list them here:

16. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C667

0

1

2

3

4

Supervisor/instructor signature _____ Date _____