

Dragon

Performance Parts

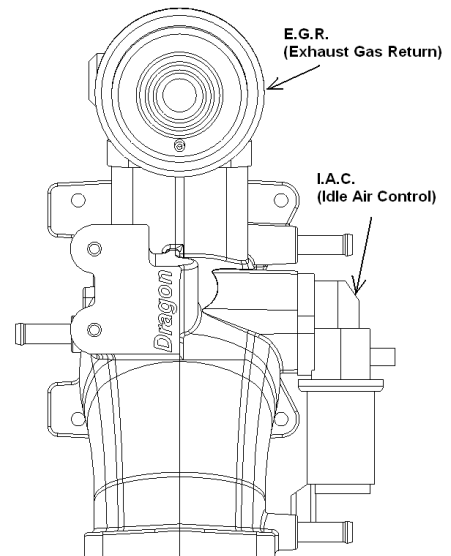
501-15 INSTRUCTIONS

Tools required:

1. 8mm Socket
2. 10mm Socket
3. Ratchet and extension
4. Flat head screw driver
5. Torque Wrench (ft./lbs.)
6. 1-1/16 in. Open End Wrench (Optional)

Procedure:

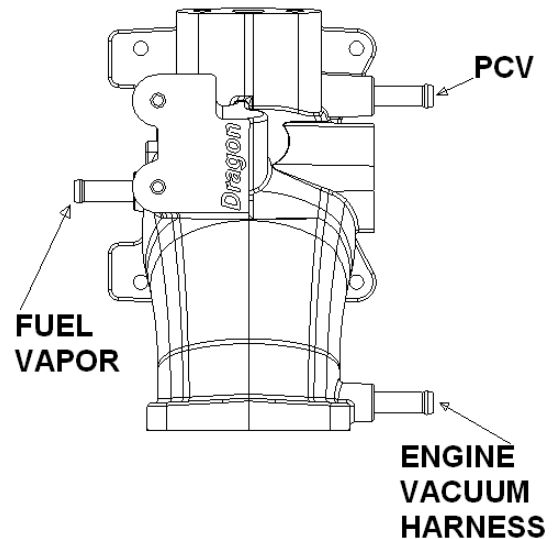
1. Disconnect the battery
2. Disconnect and remove the air inlet duct from the throttle body.
3. Disconnect the I.A.C. (Idle Air Control) from the harness.
4. Disconnect the bypass hose from the I.A.C.
5. Disconnect the T.P.S. (Throttle Position Sensor) from the harness.
6. Disconnect the throttle cable and cruise control cable from the throttle body, by opening the throttle body all the way by hand. Slide the throttle cable and retaining cylinder through the slot on the side of the throttle cam.
7. Remove and keep the two bolts holding the throttle cable bracket to the existing throttle body adapter.
8. Disconnect the E.G.R. (Exhaust Gas Return) valve from the steel hard line. If you do not have a wrench large enough to fit the nut, then leave it attached and disconnect the E.G.R. valve from the existing throttle body adapter.
9. Disconnect the three (3) hoses from the existing throttle body adapter.
10. Remove and keep the four (4) bolts holding the existing throttle body adapter.
11. Remove the existing throttle body adapter assembly from the car.
12. Remove the throttle body from the existing throttle body adapter.
13. Install the throttle body on the new throttle body adapter using the provided gasket and the factory fasteners. Torque to 6 ft./lbs.
14. Remove the I.A.C. from the existing throttle body adapter.



15. Install the I.A.C. on the new throttle body adapter using the provided gasket and the factory fasteners. Torque to 6 ft./lbs.
16. If you disconnected the E.G.R. from the steel hard line, remove it from the old throttle body adapter and install it on the new throttle body adapter, using the provided gasket and the factory fasteners. Torque to 25 ft./lbs.
17. Install the new throttle body adapter assembly on the intake manifold using the factory fasteners. Torque to 6 ft./lbs.

18. If you **DID NOT** disconnect the E.G.R. valve from the steel hard line previously, then now attach the E.G.R. valve to the new throttle body adapter using the provided gasket and the factory fasteners. Torque to 25 ft./lbs.
19. If you **DID** disconnect the steel hard line from the E.G.R. valve previously, then now reconnect the steel hard line to the E.G.R. valve, and reattach the vacuum line.

20. Reconnect the three (3) hoses to the new throttle body adapter. 2000 and newer cars may have to use the 3/8" I.D. hose as a sleeve for the larger PCV hose, use the supplied clamp to secure hose.



VACUUM PORT DIAGRAM

21. Attach the throttle cable bracket to the throttle body adapter, using the factory fasteners. Tighten to 6 ft./lbs.
22. Reconnect the throttle cable to the throttle body, checking to make sure the throttle body opens all the way when the gas pedal is pushed all the way down.
23. Reconnect the T.P.S. to the harness.
24. Reconnect the I.A.C. to the harness.
25. Reconnect the air inlet duct to the throttle body.
26. Reconnect the bypass hose to the I.A.C.
27. Reconnect the battery.
28. Start the engine and check for vacuum leaks.

For help visit the website “www.DragonPerformance.net” or call 270-791-8654.