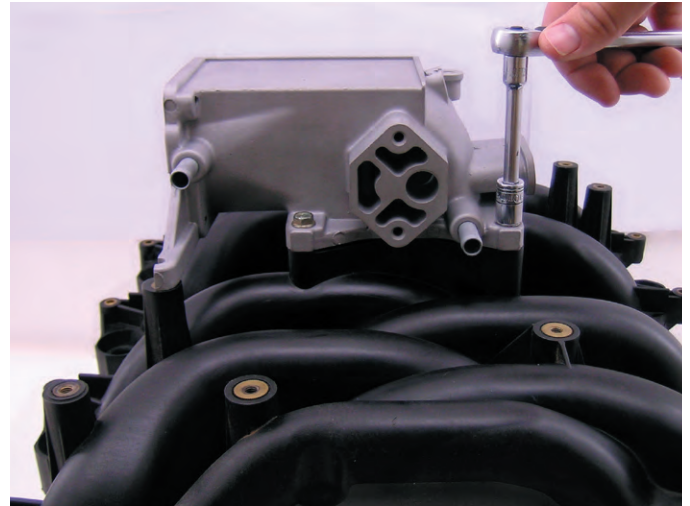


## Ford 4.6 Liter 2 Valve Plate System Supplemental Instructions

These are your Ford 4.6 Liter 2 Valve Plate System supplemental instructions. In order for proper installation please follow pages 1-8 of your standard NX installation manual yet disregard the section on NOZZLE MOUNTING. Be sure to follow these instructions step by step to insure a proper installation.

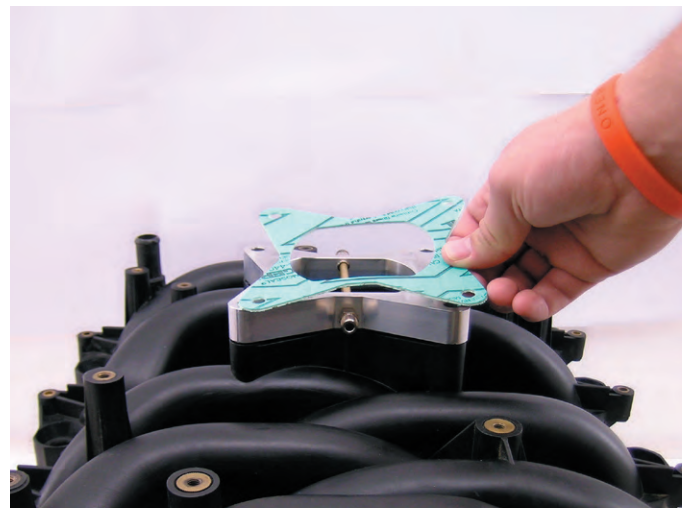
First, lay all the pieces out to be sure everything you need is at hand. Take a close look at your 4.6 intake manifold taking notes of wiring connections, vacuum fitting locations, and throttle cable hook-ups. Begin by removing all wiring, hoses and cables connected to the aluminum upper intake manifold. Now remove the 5 bolts holding the upper intake manifold (aluminum 90 degree elbow). Set the upper intake to the side.



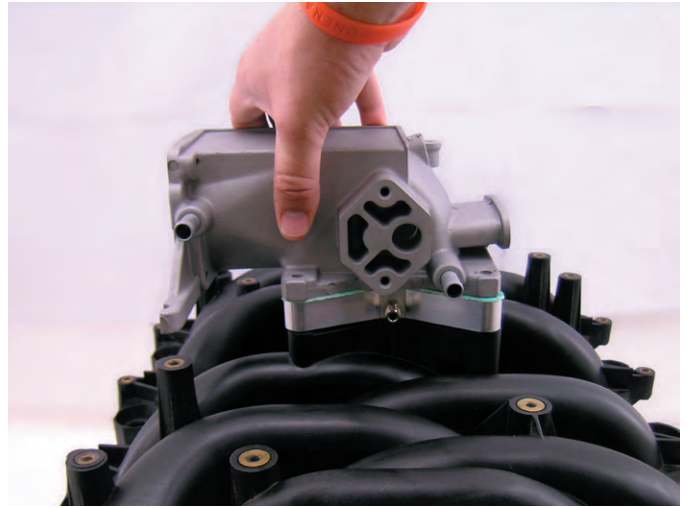
Using the original o-ring or gasket place the nitrous plate on the lower intake manifold. You must be able to read "TOP" on the top of the nitrous plate and the word "FUEL" must be facing to the front of the vehicle.



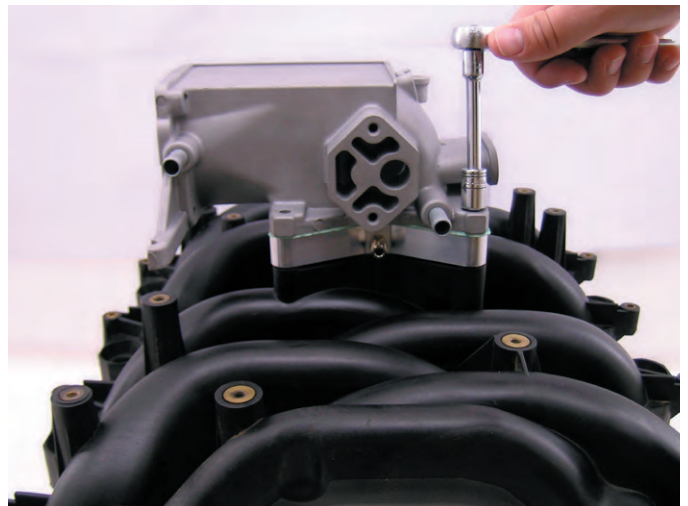
Although no gasket is needed on the underside of the plate, the supplied gasket will be needed between the upper plenum and the nitrous plate.



Next, using the supplied gasket, reinstall the upper intake elbow on the nitrous plate. Once again double check your nitrous and fuel configuration, making sure the plate has the word “TOP” up and “Fuel” is facing the front of the vehicle.



Now install the 4 main intake bolts to secure the upper manifold and nitrous plate to the lower plastic intake manifold. Do not tighten.



Once the four plate bolts are loosely installed, you may install the provided spacer beneath the support leg of the upper intake manifold and install the final bolt, again do not tighten.



Once the spacer is in place, using factory torque specifications, you may tighten the 4 bolts on the flange of the upper intake manifold. Once the four bolts are tightened you may tighten the final bolt on the support leg to the specified torque value.



Now it is time to install the proper jets in the plate fittings. Make sure the number on the side of the jet corresponds with the proper number for the desired horsepower setting. You will repeat this process for the nitrous and fuel side of the plate.



Once you have the jets installed, thread the provided D-3 hoses (red for fuel, blue for nitrous) onto your plate fittings. Using a back-up wrench tighten the two hoses to the nitrous plate. (Failure to use a back-up wrench when installing or changing jets will void the nitrous plate warranty) The proper tightening procedure for all AN fittings is hand tight plus  $\frac{1}{4}$  turn. These hoses use AN flares so no thread sealer is needed. Now return to the SOLENOID MOUNTING section of your instruction manual to conclude the installation.

