

# KP Ultra 250/260 Naturally Aspirated Conversion Kit

## Tools:

- 1) Standard Ratchet Set
- 2) Vice
- 3) 400 Grit Sand Paper
- 4) Propane Torch
- 5) Impact Driver



6) Pick

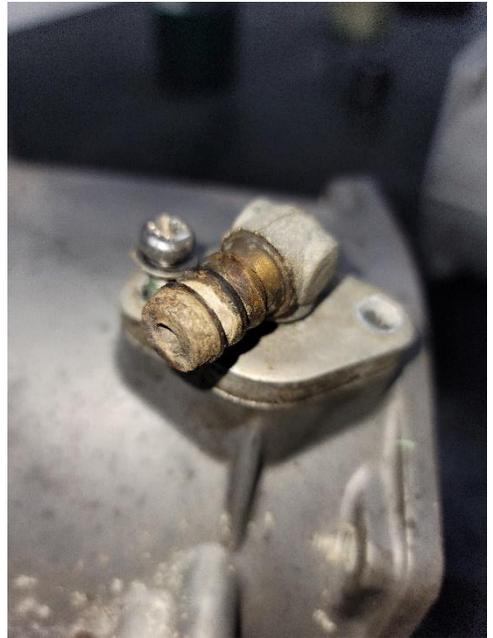
## Step 1:

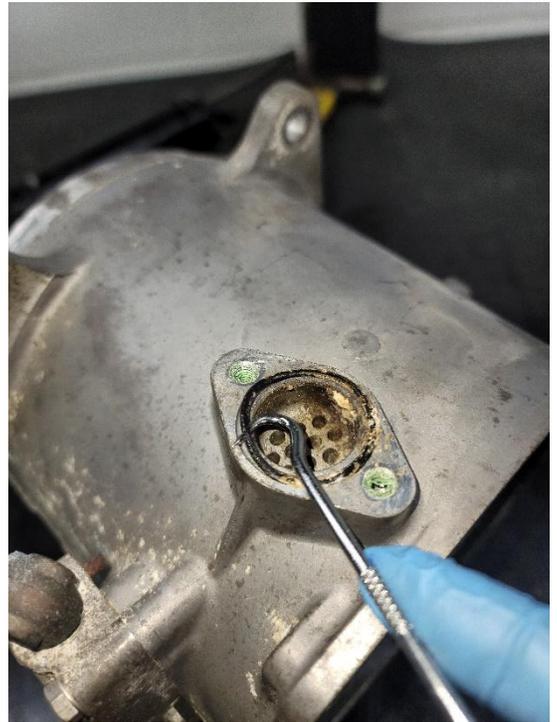
Visit KP Youtube page and follow instructions for jet pump removal. In your kit is an impeller removal tool and impeller. Once you remove the pump, visit the KP Manuals page. Follow the instructions for pump upgrade kit to remove and install new impeller. Once complete follow step 2 for pump modification.

## Step 2:

Remove intercooler port from jet pump. Use a torch and impact driver. Heat the part for 3-5 minutes and use the impact driver with bit included to remove. Then install block off plate as pictured. Tighten screws to 106 inch.pounds.





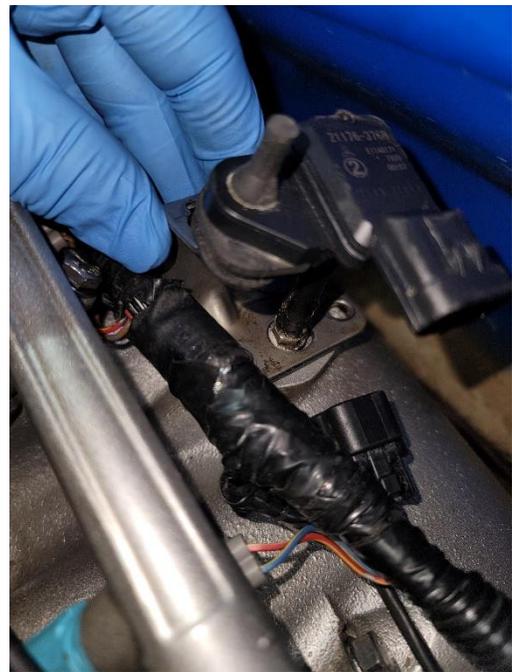
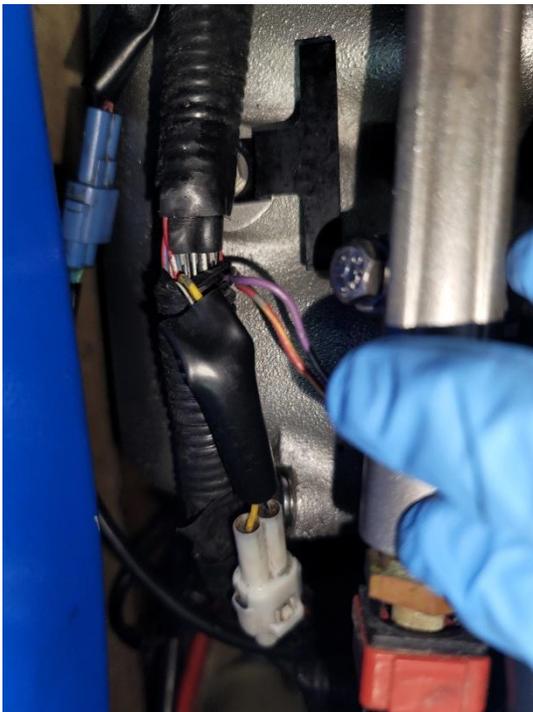


Step 3:

Reinstall pump via our youtube video

Step 4:

We need to remove the fuel rail, Injectors and Replace the Map Sensor. First remove the two 8mm bolts holding on the fuel rail. Be careful not to lose the aluminum spacers. Replace the fuel injectors with the ones supplied one by one. Please note, if there is corrosion around the hole, you must clean this before installing new injectors. Sand blasting is typically the best route. But be sure to remove corrosion or replace/ Upgrade fuel rail before installing new injectors. Next we must remove the old map sensor and bracket. And replace with the KP Map sensor and adapter. See pictures below. Torque all bolts here to 106 inch pounds.







### Step 5:

Remove intercooler, BOV and grey hoses. Block off Intercooler feed hose and drain with the plugs and clamps provided. We recommend trimming the hoses, but you do not have to. Torque clamps to 34 inch pounds. See below pictures. Please make sure the hoses you block off are to the intercooler only!



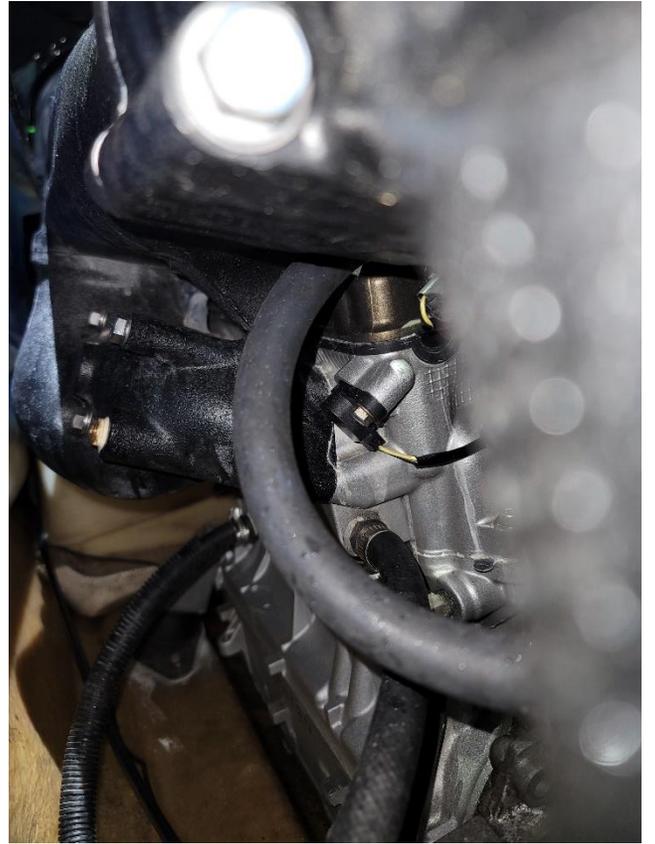
### Step 6:

Install BOV plug. This is the small black tube in the kit. Slip this over the BOV port and use a heat gun to seal it. Make sure this is secure.



### Step 7:

It is not required to remove the supercharger if it is bad. You can leave it. However, you must remove the tensioner and cut the belt. If you do remove the supercharger, gaskets are included in the kit. Please make sure to plug ports and wet sand with 400 grit sandpaper before installing manifolds. Now, a very crucial part is blocking off the third intercooler port. It is easiest by removing the top portion of the exhaust manifold. Using an adjustable wrench, unscrew the fitting. Install the brass plug provided, but coat liberally with pipe compound before hand. See picture below.



Step 8:

Make sure KP flashes your computer to our custom tune, and otherwise check to make sure your machine looks like the picture below. Install KP Air Filter Kit on throttle body as shown below. Route the oil breather hose to your new air filter. Run and check for leaks! You can use the Platinum, Iridium or EKB spark plugs. All work the same. Oil change intervals 30-35 hours Kawasaki genuine oil or racing oil. Use regular 87 octane gasoline for standard conversions.

