

INSTALLATION GUIDE

EVO X FUEL PUMP KIT

MAPPerformance.com

TOOLS REQUIRED:

- Flat head screwdriver
- Small pry bar
- Needle nose pliers
- Small pick
- 10mm socket (1/4" drive)
- Short 8mm socket (1/4" drive)
- 1/4" drive ratchet
- Step bit up to 1/2"
- Drill

WHAT'S IN THE BOX:

- MAP Fuel pump Sleeve w/hardware
- 2x Worm gear clamps
- Lock washer
- 14" Fuel hose
- Filter sock

1. PLACE CAR ON FLAT GROUND OR LIFT AND POP HOOD



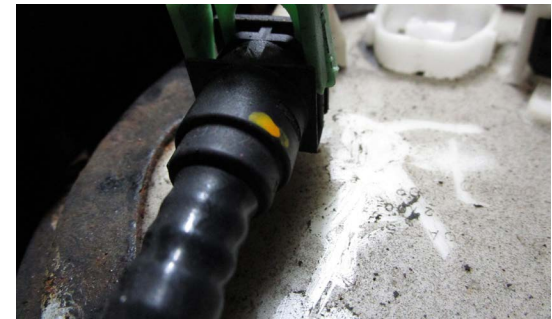
2. REMOVE FUEL PUMP FUSE AND TURN OVER, OR START CAR TO BLEED OFF FUEL IN THE LINES AND RELIEVE PRESSURE IN THE SYSTEM



3. REMOVE REAR SEAT BY PULLING UPWARDS ON THE FRONT LOWER PART OF THE SEAT, THEN REMOVE ACCESS PANEL ON DRIVERS SIDE TO GET ACCESS TO FUEL SENDING UNIT



4. REMOVE FEED AND RETURN LINE FROM THE TOP OF THE SENDING UNIT WITH A PICK AND NEEDLE NOSE PLIERS



5. UNPLUG WIRING CONNECTOR ON TOP HAT



6. REMOVE THE 8MM NUTS HOLDING THE SENDING UNIT TO THE FUEL TANK



7. PULL THE SENDING UNIT FROM THE CAR, DISCONNECT FUEL LINE FROM BOTTOM OF HOUSING

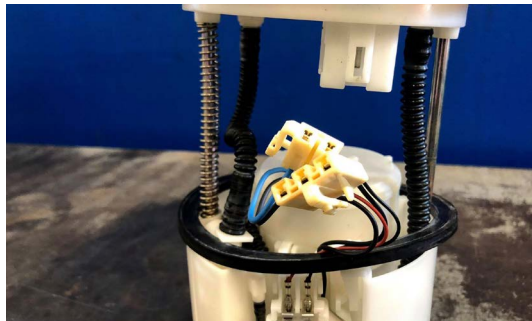
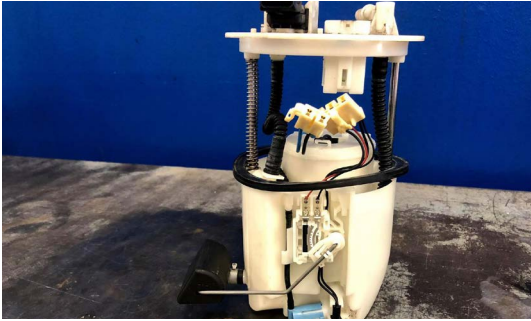


7. CONTINUED - BE CAREFUL, MAY BE FILLED WITH FUEL WHEN PULLING OUT

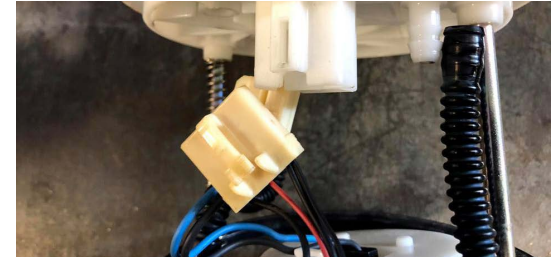
8. WITH THE SENDING UNIT OUT OF THE CAR, BEGIN TO DISASSEMBLE. TO DO SO, REMOVE THE SMALL C CLIP ON THE RODS HOLDING THE TOP HAT TO THE LOWER UNIT. REMOVE THE PUMP/FILTER ASSEMBLY.



9. DISCONNECT OEM FUEL PUMP FROM THE TOP HAT BY UNPLUGGING THE WIRING HARNESS ON THE TOP OF THE PUMP (BLACK AND BLUE WIRES).



10. PULL THE FEED LINE FROM THE TOP OF THE PUMP THAT GOES TO THE TOP HAT. THIS MAY NEED TO BE CUT TO REMOVE IT, BE CAREFUL NOT TO CUT TOO DEEP.



11. REMOVE THE RETAINING RING FROM THE FUEL PUMP ASSEMBLY BY LIFTING THE CLIPS ON THE SIDE AND REMOVE THE PUMP/FILTER ASSEMBLY. THEN REMOVE THE RETAINING CLIPS FROM THE FILTER BODY.



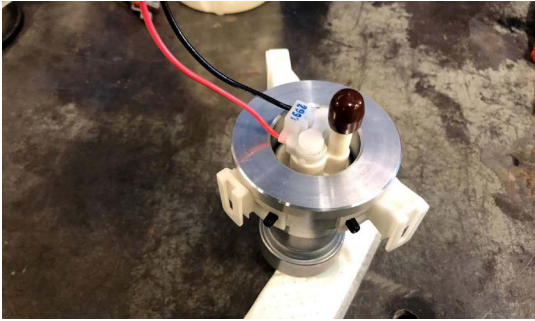
11. CONTINUED



12. INSTALL FACTORY RETAINING CLIPS ONTO MAP ADAPTER, ONLY NEED TO SNUG THE NUTS.



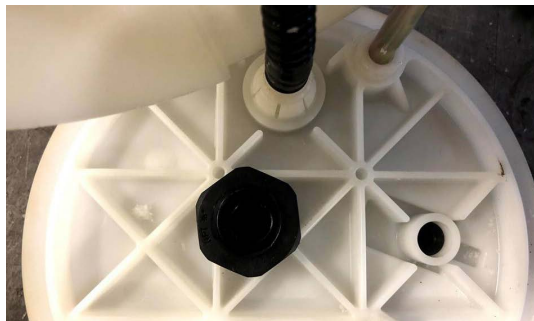
13. ASSEMBLE THE MAP-FPK WITH THE PUMP AS PICTURED, WITH THE SET SCREWS SECURING THE TOP OF THE PUMP, BE SURE TO HAVE THE PUMP SEATED AS LOW AS POSSIBLE IN THE ASSEMBLY.



14. PLACE YOUR WIRING BULKHEAD IN THE CENTER OF THE TOP HEAD, WHERE IT WON'T BE OBSTRUCTING ANY OTHER LINES. USE PICTURE AS A REFERENCE WHERE TO MARK, USE STEP BIT TO DRILL TO APPROXIMATELY ½ INCH.



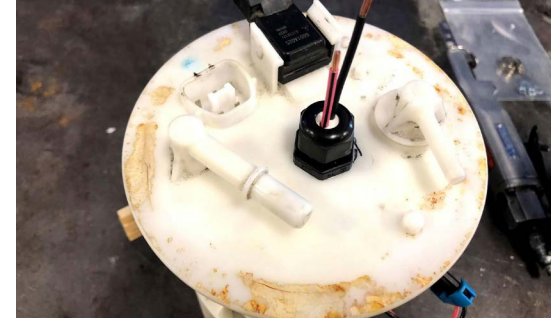
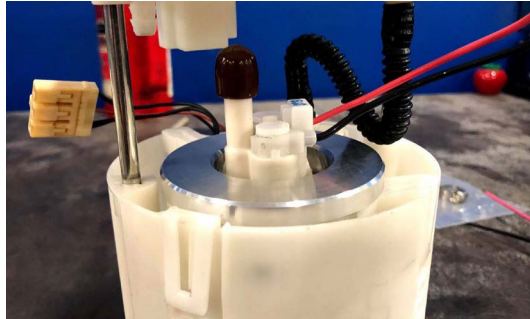
15. SLIDE THE BULKHEAD INTO PLACE, FLIP THE TOP HAT OVER AND MARK WHERE YOU WILL NEED TO GRIND TO ENSURE THE SECURING NUT SITS FLAT, GRIND AWAY UNTIL RETAINING NUT SITS FLUSH ON THE BULKHEAD.



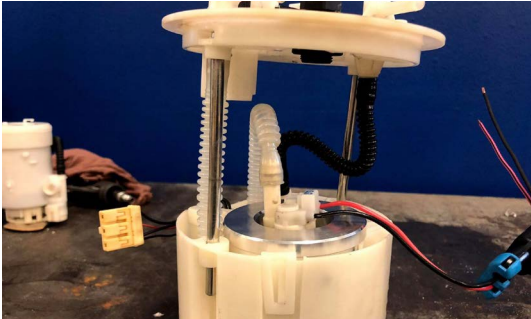
16. TIGHTEN THE NUT



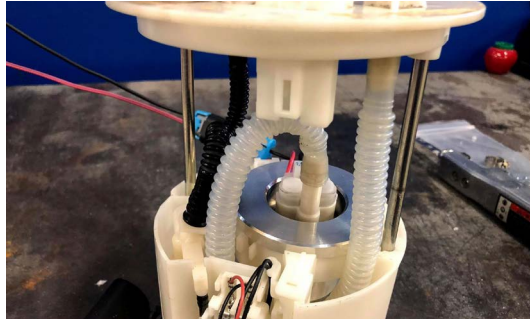
17. INSTALL YOUR MAP-FPK INTO THE BASKET, BE SURE TO FEED YOUR NEW FUEL PUMP WIRING THROUGH THE BULKHEAD



18. RE-INSTALL HOSE FROM FUEL PUMP OUTLET TO THE TOP OF THE FUEL PUMP SENDING UNIT



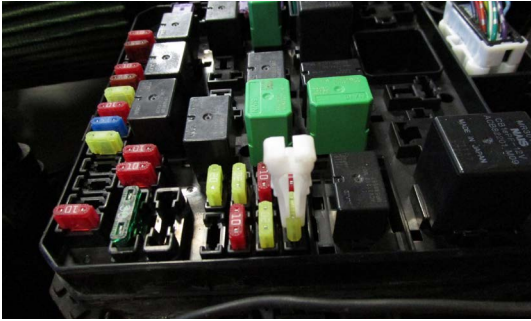
19. REASSEMBLE TOP HAT ONTO BASKET AND INSERT THE C CLIP TO HOLD THE ROD IN PLACE



20. DROP ASSEMBLY BACK INTO THE FUEL TANK AND TIGHTEN THE 8MM NUTS, MAKE SURE THE STUDS ARE CLEAN AND COAT THEM IN ANTI SEIZE TO PREVENT RUSTING. CONNECT THE FACTORY FUEL LINES BACK TO THE TOP HAT, AND PLUG IN THE WIRING HARNESS



21. REINSTALL THE FUEL PUMP FUSE, START THE CAR AND WATCH FOR LEAKS.



22. IF LEAK FREE, REINSTALL THE BACKSEAT AND YOU ARE GOOD TO GO!

THANK YOU FOR CHOOSING MAPERFORMANCE!

If you have any problems or concerns during installation of this product, feel free to call or email us:

1-888-MAPERFORMANCE

sales@maperformance.com

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