



Oil Injection Removal Kit

3/2019

Part# AB-22180

2019+ 200 RR 2-Stroke

Note: This kit is designed for those riders wanting to run pre-mix in their Beta. The parts shown at left are included in this kit.

Kit contents

Intake manifold

TPS Plug

Gasket

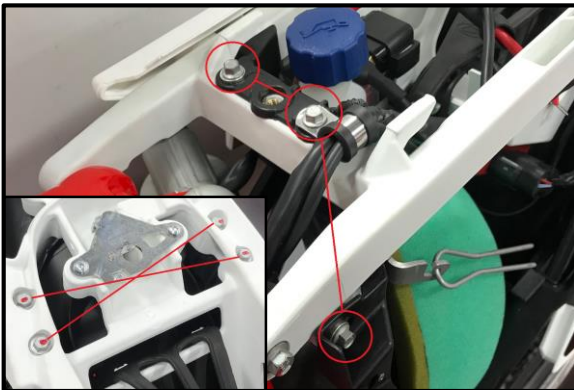
T25 Wrench

T20H Wrench



1. Remove the fuel tank, muffler, side panels and rear fender.

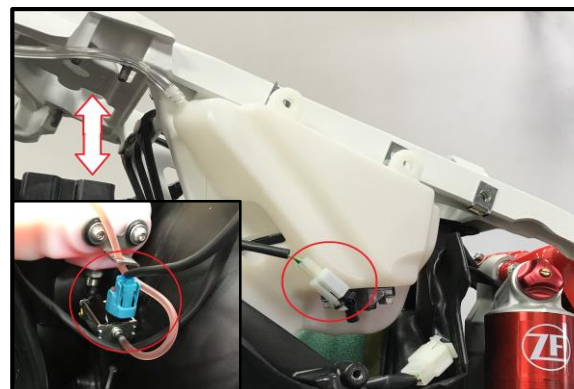
2. Remove the 3 air box bolts and the 4 subframe bolts holding it to the supports.



3. Remove the 2 oil tank bolts then lift the white plastic part of the subframe upwards.



3a. Unplug the low oil sending unit and oil pump plugs from the harness.

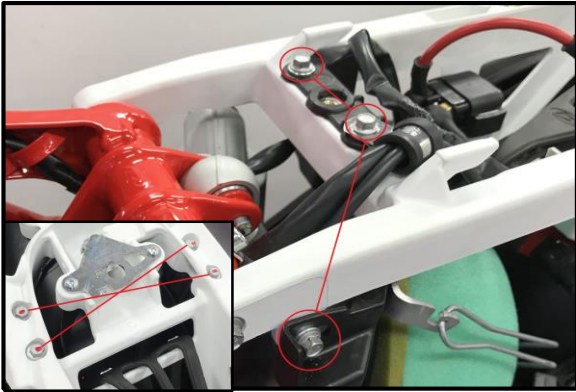




4. Lightly pry the oil line from the barbed fitting on the intake manifold. (Do not pull on the line or it can pull the barb from the manifold.)

Plugging the line will keep oil from leaking out.

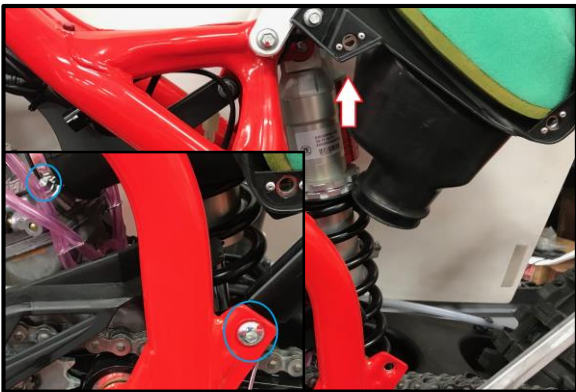
Remove the oil tank breather tube from it's location under the subframe.



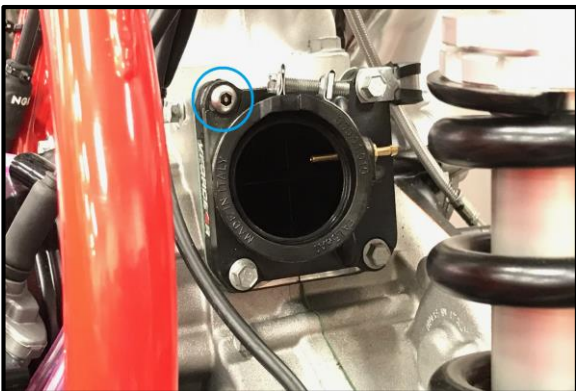
5. Remove the oil tank then reinstall the top of the sub-frame to the air box and supports using the bolts that were removed.



6. Relocate the oil tank and pump plugs and secure them with zip ties.



7. Loosen the hose clamp on the back of the carburetor then remove the 2 lower subframe bolts. Lift on the subframe assembly while rotating it up. Remove the hose clamp as soon as the boot pulls away from the carburetor as it will not want to pass the shock spring.

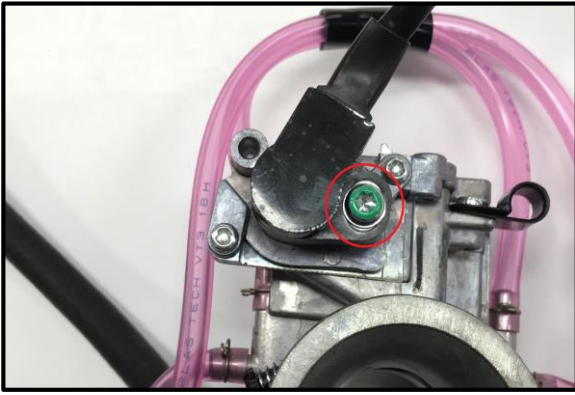


8. Loosen the hose clamp on the front of the carburetor then remove the carburetor from the intake manifold letting it hang off to the side out of the way.

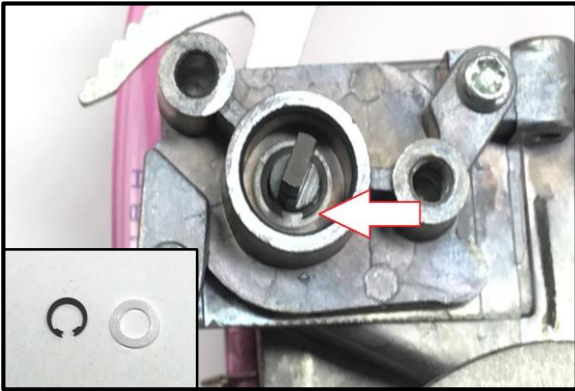
Remove the intake manifold and gasket.

(A #4 tamper proof allen is needed to remove one bolt.)

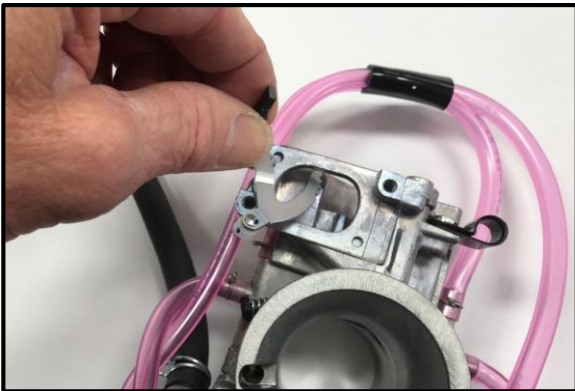
Install the new intake manifold and gasket.



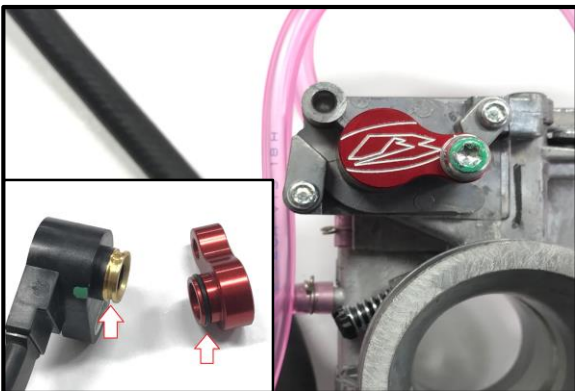
8. Loosen the 2 allens holding the slide assembly and remove the slide assembly from the carburetor.
With the carburetor on a bench, use the supplied T25 torx wrench to loosen and remove the torx screw and TPS.



9. Remove the clip and washer holding the TPS actuator rod then using the supplied T20H torx wrench, remove the 2 screws and TPS housing from the carburetor.

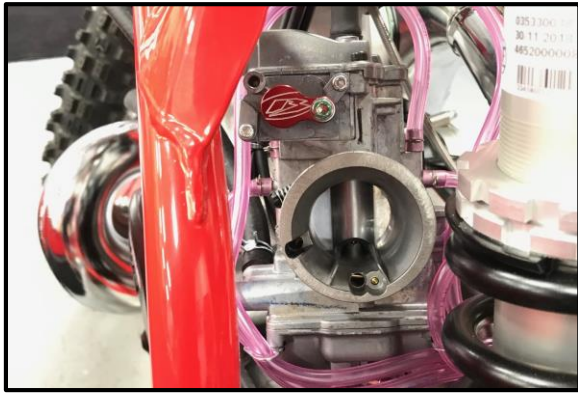


10. Remove the TPS actuator rod.



11. Remove the O-ring from the TPS and install it in the groove on the Beta block off plug.

Reinstall the TPS housing using the 2 original T20H torx screws and install the Beta block off plug using the original T25 torx screw.



12. Reinstall the slide assembly then reposition the carburetor on the intake manifold.

Lower the subframe so the intake boot is aligned with the carburetor and install the rear clamp.

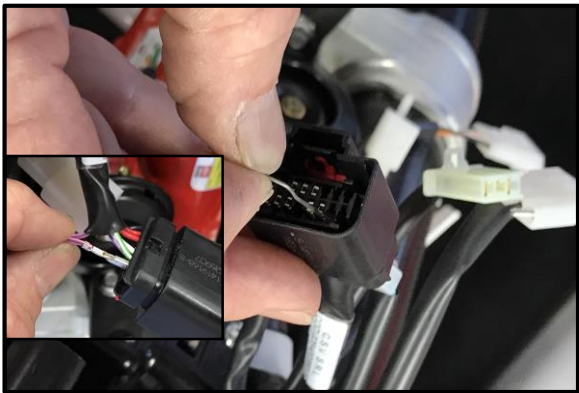
Tighten the hose clamps and reinstall the 2 subframe bolts using red Loctite and torque to 35Nm.

Reinstall the rear fender, side panels, muffler and fuel tank.



13. Locate the black plug on the meter and unplug it by first sliding the red tab out then pull on the plug.

Pry the red plastic panel from the front of the plug.



14. Locate the pink wire with a purple stripe. This wire must be unplugged or the engine warning light will stay on.

With a safety pin or paper clip, depress the wire's connector tang inside the black housing in order to remove the wire.

(Do not remove the solid pink wire).

Use electrical tape to tape the wire to the harness.



These are the parts that you have removed. Keep these parts all together in case you wish to reinstall the oil injection.