



Installation Instructions

K61143: Kodlin Stretch-Tank for Harley-Davidson® 2023 + Milwaukee Eight® Softail® Models.

A FACTORY SERVICE MANUAL WILL BE HELPFUL IN PERFORMING THIS INSTALLATION. DO NOT ATTEMPT TO PERFORM THIS INSTALLATION IF YOU ARE NOT CONFIDENT IN YOUR ABILITY TO COMPLETE ALL OF THE STEPS IN THE PROCEDURE; CONSULT A TRAINED TECHNICIAN. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.

Warning! Gasoline is extremely flammable and explosive. Keep gasoline away from ignition sources.

Note: Make sure to seal or check for leaks, test fit pump, and test fit onto your motorcycle prior to painting.

Removal of stock tank and fuel pump:

We recommend that you check the instructions of your Harley Davidson model specific service manual.

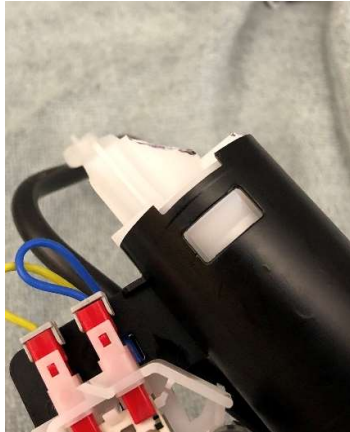
1. Secure the motorcycle, turn the ignition off, disconnect the battery or remove the main fuse and remove the seat.
2. Disconnect the quick release of the fuel line and disconnect fuel pump connector.
3. Disconnect vent line (the small rubber hose). Drain the fuel.
4. For models with a dashboard, remove all instruments and wires.
5. Remove mounting screws, washers, and nuts. Remove the tank from the motorcycle. Remove screws and remove the fuel pump assembly (yellow gas filter first)
6. Remove the seat bracket / frame cover (black plate between tank and frame). This part will not be used with your Kodlin gas tank.

Fuel pump modifications:

1. Trim the white plastic along the displayed line at top of pump to provide needed clearance for tank.
2. Shorten or modify float arm as shown in picture #3 to clear side and front of tank curves to prevent rubbing or sticking.
3. Install all new stock tank screws using medium strength thread locker and tighten to manufactures torque specifications.



#1



#2



#3

Fuel line modifications:

1. Carefully grind off the stock hose clamps, remove the fuel line, and replace it with the clamps and fuel line that are included with your new Kodlin tank.



Installation of new Kodlin tank and fuel pump:

1. Rest the Kodlin Stretch-Tank on the frame.
2. Connect the fuel line, vacuum line, and electrical connector.
3. Vent tube on right side can be plugged or run a line run from tank to beneath engine away from exhaust.
4. Install tank mounting hardware using medium strength thread locker.
5. Connect the battery and install the seat.
6. Add fuel to the gas tank and check connections for potential leaks.
7. Check for leaks prior and after a test ride.

NOTE: No warranty coverage is provided by Kodlin that is due to improper installation or lack of maintenance. Periodic maintenance and inspection are required. It is the installer's responsibility to ensure that all the fasteners are tightened before operation of the motorcycle. We recommend following the Mfg.'s torque specs.

For the latest install guides, video's, FAQ's. and Tech-Tip's scan QR code!



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