



Installation Instructions

Curved License Plate kit for 23.5-up VVT style Touring Models

- KUS20102 / KUS20103 and KUS20302 / KUS20303

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.

Tools Required:

1. T27 Torx bit
2. 2.5mm Allen wrench/Bit
3. Round and flat file or Dremel
4. Required tools to remove license plate from stock frame
5. Medium strength thread locker on all hardware

Remove taillight/license frame:

1. Remove old license plate.
2. Remove access cover inside rear fender behind taillight by pushing up on bottom edge then sliding top down and away from fender.
3. Disconnect the two-wire connector by pushing in on the tab as you pull connectors apart.
4. Remove stock taillight by loosening two bolts with T-27 Torx drive, save the bolt for later use. Guide the connector out of the hole in the fender. Leave the inner mount in place inside of the fender, it will be reused.

License kit installation:

1. Install the two stock bolts and install the backing plate onto the fender. Align and torque to 60-80 in-lb.
2. Carefully form a curve in the license plate to follow the curve of the frame. Multiple small bend is better than one big bend.
3. Insert plate into frame and mark a cutout on plate just big enough for the LED wire to clear.
4. Using round file or Dremel tool remove metal from plate a little at a time, being careful not to go down too far making the hole visible. Cleaning up excess glue near LED wire may also help plate to lay flat against frame.
5. Feed the connector through the center hole in the backing plate then through the fender pulling wire tight as you go. Carefully holding the frame in position. Make sure the wire is not pinched against the plate and backing plate. It fits into a groove on the backing plate. If installing 3-1 **KUS20302**, feed both left and right side LED connectors through center hole at this time as well. See Pictures #1 and #2.
6. Making sure to push frame and plate snugly up against the backing plate install the two top screws then the bottom two screws. Tighten evenly until frame is snug against plate and backing plate.
7. Connect the two-wire connector and place it back into clips on the fender. Connect left and right connectors if used and leave them inside plastic cover. Install cover by pushing the top up into the tabs and clicking the bottom into place. See Picture #3 and #4

8. Turn on ignition and test.



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, videos, FAQ's and Tech-Tip's scan QR code!



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