



Installation Instructions for  
Kodlin Curved 3-Bolt Mounted Elypse 3-1 LED License Plate Kit  
KUS20350 and KUS20351

This kit provides a universal three bolt, laid down mounting style.

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.

1. It is suggested to bench test lights for proper operation before installation to help identify any installation issues during final test in step #9 afterwards.
2. Remove the existing license plate mount from the motorcycle and remove the license plate from the frame.

**Warning: Use anti-seize on the four small, tapered bolts of frame mount hardware to avoid thread galling and nut threads from locking up!**

3. You may need to drill a hole in fender to run wires through. Drill a small hole in center of three mounting holes using license backing plate as a guide. It is suggested to use a grommet to protect wires from fenders sharp edge.
4. Mount the backing plate using hardware for the three mounting holes. (3 each 1/4-20 x 1/2" buttonhead bolts and 1/4 - 20 nuts)

**Warning: Make sure bolts do not contact tire inside fender on max travel!**

5. Locate the wires for the run, turn, brake circuits to provide voltage sources for the Kodlin lights.
6. Tap into or splice the required wires according to the following wiring diagram. See diagram #1
7. Run the 3-1 wires into holes provided on backing plate to run wires into the center area of backing plate before running them down through fender.

**Warning: Make sure wires do not rub on tire under fender!**

8. Install license plate into Kodlin Frame. You may need to trim the plate for wire clearance to install the frame flat against plate.
9. Test for proper operation.
10. If you get any hyper-flashing on the indicators, you may need to
  - a. Run emergency flashers for 15 flash cycles clear codes and try again.
  - b. Install a load balancer if step (a) does not work.
  - c. Older pre-CanBus models may have erratic or non-flashing signals. If that is the case, you will need a load balancer for your year/model motorcycle.

**NOTE:** This is a custom part. Kodlin USA is not responsible for stock parts or accessories fitting after the installation. 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 specifications.

**Diagram #1**

Three hole mount license plate with Elypse 3-1 inserts.  
KUS20350/KUS20351

Wire Color Scheme

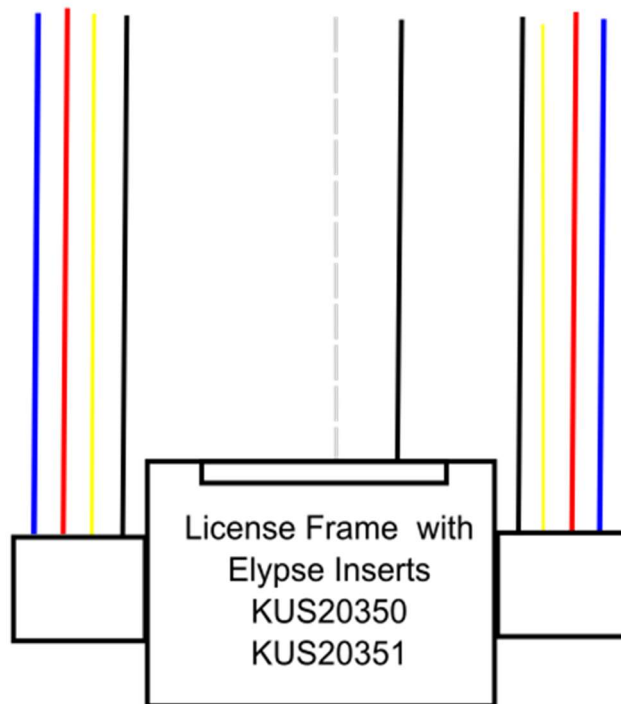
Blue = Turn

Red = Stop

Yellow = Run

Black = Ground

Black w/Stripe = Run or 12 vdc



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



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