



Installation Instructions for Kodlin Curved Touring License Plate Kit KUS20300/KUS20301

This kit is designed to be used with Kodlin Sleek Lights K68495/K68496 because OEM taillights will be removed.

Suggested items to use for installation:

- Kodlin Sleek Lights – K68495/K68496
- Kodlin Rear Touring Harness – KUS11502
- Thread Locker
- Rubber grommet
- Soldering tools
- Heat shrink and/or tape
- Anti-seize
- Decorative cover (OEM#59581-05) for hole in fender (if used on stock fender).

Removal of stock parts

1. Remove both saddle bags.
2. Unplug connector for turn signal/license plate assembly from the rear fender fascia light. Connector is the 12-pin plug on the right side of the light. See picture 1-light blue arrow.
3. Remove wire retainer (if your bike has one) on the stud above fascia light. See picture 1-yellow arrow.
4. Remove the two bolts inside of fender used to mount the license/lightbar assembly. Be careful not to scratch your paint. It may be easier to get to the bolts if you jack bike up enough to remove bottom shock bolts, then jack it up higher to get more clearance between tire and bolts.
5. Remove the rubber plug in fender and pull wires out through the fender.
6. Clean up any residual dirt on fender that was hidden behind plate.

Installation of Kodlin Kit

1. Determine a location on fender to drill small hole large enough to pass license plate frame light wires through fender. Make sure it is behind the plate mount to hide the hole. See picture 2. Suggest area at/near yellow dot.

TIP: Recommended to use a rubber grommet to prevent rubbing and shorting the wires on fender. Use a piece of wood to block the drill from hitting the tire in case drill bit bites into fender and runs in.

2. Using the two tapered head bolts, install through the backing plate then through angled adapter (without threaded hole) and then through the fender. After applying thread locker, thread them into the other two adapters with threaded holes. Make sure the angled cut for both threaded and unthreaded adapters is towards the fender. See picture 3 and 4.
3. While holding backing plate for correct alignment tighten the two taper head bolts. Check the alignment and readjust as needed.

TIP: Use a thick item as a spacer to hold bottom of plate up off fender 1/4"-1/2" while tightening to keep aligned with fender. Be careful not to scratch your paint!

NOTE: Use anti-seize on the four small bolts for license frame to prevent galling and locking up.

4. Bend your existing license plate to match the radius of the backing plate. The test fit license frame and license. You may need to notch license to clear the wires for light on the frame. Using four small taper head screws install the frame and license on the backing plate. Use the small flat washers and nuts on the back and tighten. Do not over tighten and be careful not to hit your fender.
5. Run wires through the grommet in fender and determine required length to cut the wires.
6. Wire the license frame according to one of the two options shown in attached diagram using Kodlin Rear 14+ Touring Harness KUS11502 or can be wired up custom following wire color scheme below.
NOTE: Wiring to option A with stock BCM settings will produce Amber LED to come on with brakes!
7. To cover the hole in the fender after installation we recommend using OEM #59581-05 fender bumper (glue it on using RTV or weatherstrip adhesive), a properly sized medallion of choice, or a Kodlin cover. See picture 5 and 6.



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6

8. Wire color scheme.

LED Inserts

- a. Yellow = Run
- b. Blue = Turn
- c. Red = Stop
- d. Black = Ground

License Plate Frame

- a. Black with Stripe = Run or 12vdc
- b. Black = Ground

6-Pin JST Connector (KUS11502)

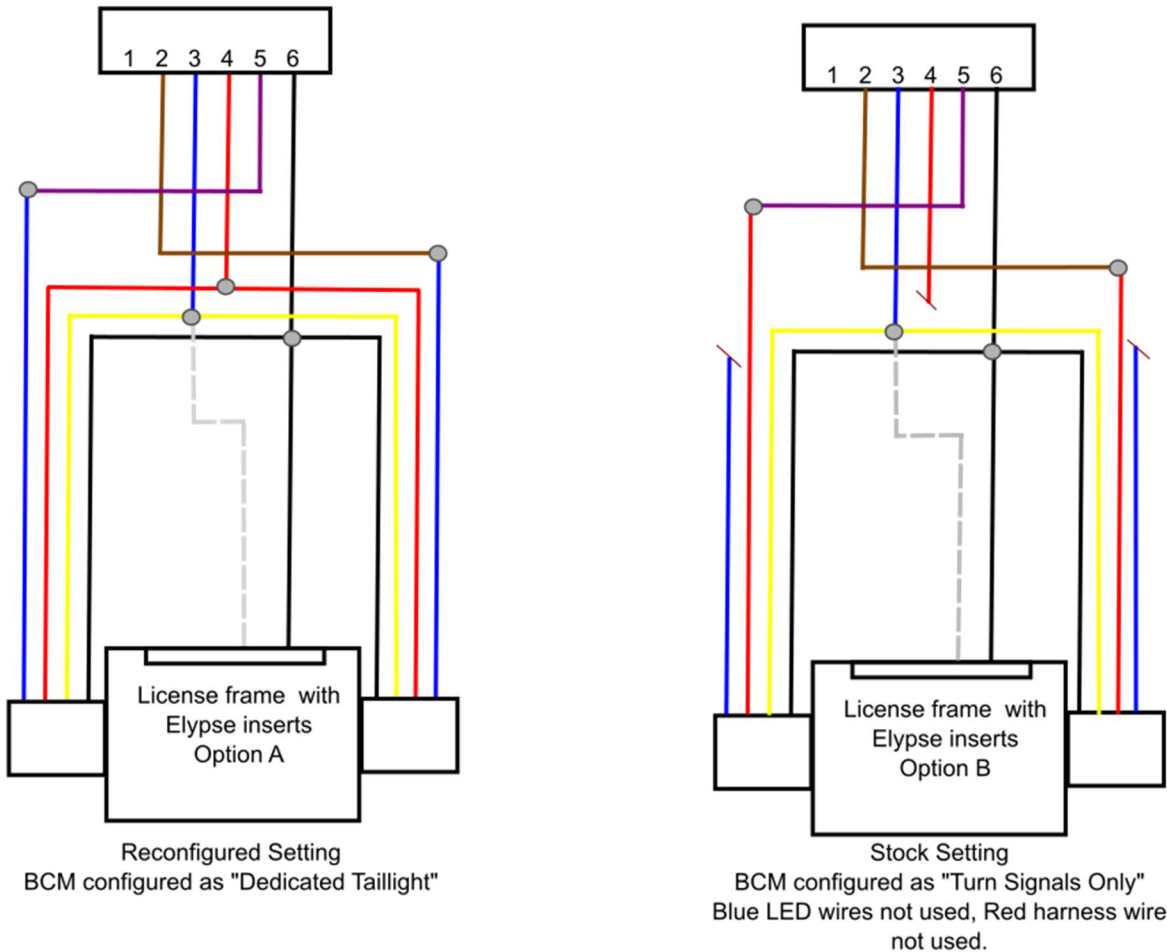
- a. Pin 1 = Not used
- b. Pin 2 = Brown, Rt Turn
- c. Pin 3 = Blue, Run
- d. Pin 4 = Red, Stop
- e. Pin 5 = Violet, Lt Turn
- f. Pin 6 = Black, Ground

Diagram A – Example shown connected to Kodlin rear harness KUS11502

Touring license plate with Elypse 3-1 inserts.

Option A - Reconfigured BCM settings, set to "Dedicated Taillight", has amber turn signals.

Option B - BCM in stock configuration, Set to "Turn signals only", has red turn signals.



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.

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



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