



Installation Instructions

Kodlin Front LED Install Kit KUS11550 for Harley-Davidson® M8 Softails®

This kit comes with KUS11300 and KUS11400 prewired and ready to install.

It will

- Provides a simple plug and play solution for when you want to add two wire LED's in the front.
- Eliminates the need to splice to more than two harness wires at the switch.
- Provides proper 2-1 function for running light and turn signal operation.
- Provides load balancing to eliminate can-bus errors or hyper-flash for front turn signals.

Kit Contents:

1. 1 - M8 S/T Front Harness KUS11550
2. Install Instructions

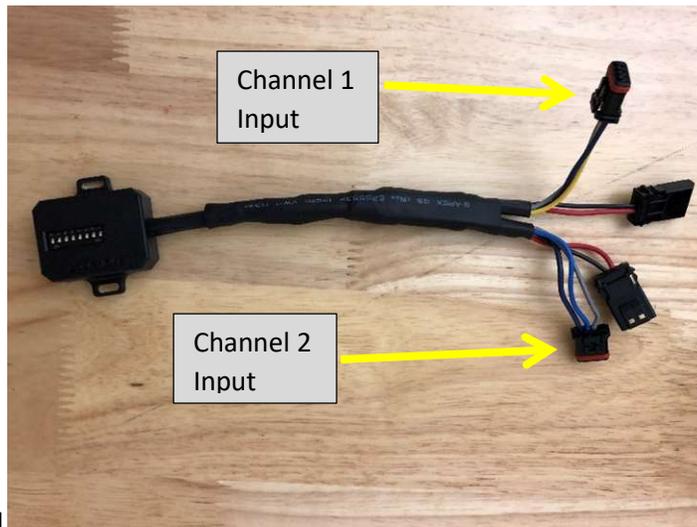
Tip: Go to <https://kodlinusa.com/tech-guide/#installation-guide> for examples of how to wire for your type of light setup.

Note: Follow the Harley-Davidson service manual for your year/model motorcycle to complete these steps.

Install:

1. Disable power to your motorcycle.
2. Remove seat.
3. Remove the tank.
4. Expose handlebar wire connectors under the cover in left side of neck frame.
5. Disconnect the connectors for the turn signals.
6. Push turn/run wires up through bars to provide enough room to make your slices.
7. Cut the original three (blue, purple, black) turn/run wires 3-4 inches away from the turn signal housing.
8. When installing LED, connect the yellow LED wire to the purple harness wire and black LED wire to black harness wire. The blue harness wire will not be used.
9. Pull wires back into the bars to hide the splices. Make sure not to pinch any wires between bar and housing or between switch housing and brake or clutch control clamp.

NOTE: Channel 1 has the yellow wire in input connector, channel 2 has the blue. Channel 1 and channel 2 input and output connectors are grouped together to help keep the channels isolated one side from the other. Either channel can be used for left or right. Just keep the channel 1 input and outputs together on same side. See picture #1



Picture 1

10. Plug the input connector to main harness and plug the output connector to the turn signal wires. See picture 2



2

11. Start out with Dip Switches all set to "ON" or P setting. Settings K-P seem to work well with HD Can-Bus. I usually set both channels to same Ohm level settings, but you can set DIP switches 1-4 on one Ohm value and Dip Switches 5-8 on another since 1-4 is for channel 1 and 5-8 is for channel 2. Picture 3 and 4.
12. Connect your battery and test to make sure there are no hyper flashing or DTC error codes. Increase Ohm value with Dip Switches if so and test again until you have no more issues. Make sure to clear your DTC codes when finished.
13. Once tested, tuck KUS11550 into frame opening first frame out of the way of rest of the harness, then install harness wires back into the frame and close the cover. Check for any tightness or binding of the harness.
14. Reinstall tank, seat and reconnect the power.
15. Verify all your bolts are torqued properly and go ride.

Dip-Schalter Channel 1

CH1	1	2	3	4	ohm
a	off	off	off	off	1200 Ω
b	off	off	off	on	600 Ω
c	off	off	on	off	400 Ω
d	off	off	on	on	300 Ω
e	off	on	off	off	240 Ω
f	off	on	off	on	200 Ω
g	off	on	on	off	170 Ω
h	off	on	on	on	150 Ω
i	on	off	off	off	1200 Ω
j	on	off	off	on	600 Ω
k	on	off	on	off	400 Ω
l	on	off	on	on	300 Ω
m	on	on	off	off	240 Ω
n	on	on	off	on	200 Ω
o	on	on	on	off	170 Ω
p	on	on	on	on	150 Ω

Picture 3

Dip-Schalter Channel 2

CH2	5	6	7	8	ohm
a	off	off	off	off	1200 Ω
b	on	off	off	off	600 Ω
c	off	on	off	off	400 Ω
d	on	on	off	off	300 Ω
e	off	off	on	off	240 Ω
f	on	off	on	off	200 Ω
g	off	on	on	off	170 Ω
h	on	on	on	off	150 Ω
i	off	off	off	on	1200 Ω
j	on	off	off	on	600 Ω
k	off	on	off	on	400 Ω
l	on	on	off	on	300 Ω
m	off	off	on	on	240 Ω
n	on	off	on	on	200 Ω
o	off	on	on	on	170 Ω
p	on	on	on	on	150 Ω

Picture 4

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



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