Instruction Manual

DENALI

8 10005 87210 2

Micro Turn Signal Spacer Kit 1 Inch

ALG.003

Thank you for choosing DENALI

We know you would rather be riding your bike than wrenching on it, so we go the extra mile to make sure our instructions are clear and as easy to understand as possible. If you have any questions, comments, or suggestions don't hesitate to give our gear experts a call at 401.360.2550 or visit WWW.DENALIELECTRONICS.COM

Please Read Before Installing

DENALI products should always be installed by a qualified motorcycle technician. If you are unsure of your ability to properly install a product, please have the product installed by your local motorcycle dealer. DENALI takes no responsibility for damages caused by improper installation. **Caution:** When installing electronics it is extremely important to pay close attention to how wires are routed, especially when mounting products to the front fender, front forks, or fairing of your motorcycle. Always be sure to turn the handlebars fully left, fully right, and fully compress the suspension to ensure the wires will not bind and have enough slack for your motorcycle to operate properly.

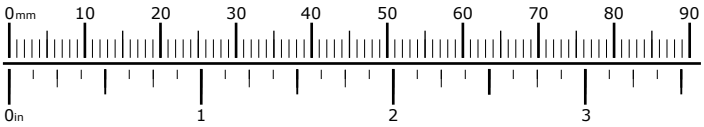
Installation Tips

We strongly recommend using medium strength liquid thread locker on all screws, nuts, and bolts. It is also important to ensure that all hardware is tightened to the proper torque specifications as listed in your owner's manual. For included accessory hardware please refer to the default torque specifications provided below. Inspect all hardware after the first 30 miles to ensure proper torque specifications are maintained.

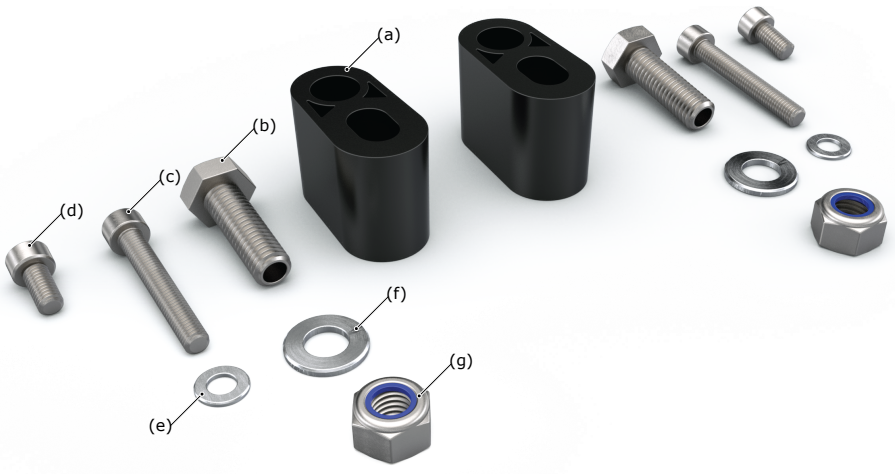
Bolt Size	in-lbs	ft-lbs	Nm
M3	10.0 in-lbs	-	1.0 Nm
M4	23.0 in-lbs	-	2.5 Nm
M5	44.5 in-lbs	3.5 ft-lbs	5.0 Nm
M6	78.0 in-lbs	6.5 ft-lbs	9.0 Nm
M8	-	13.5 ft-lbs	18.0 Nm
M10	-	30.0 ft-lbs	41.0 Nm
M12	-	52.0 ft-lbs	71.0 Nm

Hardware Sizing Guide

Not sure what size bolt you have? Use this ruler to measure screws, bolts, spacers, etc. Remember, the length of a screw or bolt is measured from the start of the "mounting surface" to the end of the screw, so only include the screw head when measuring countersunk screws.



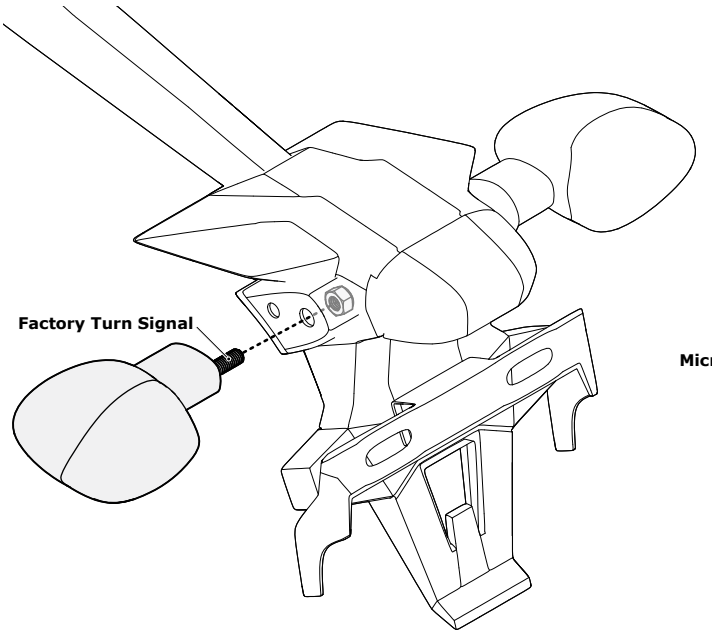
What's In The Box?

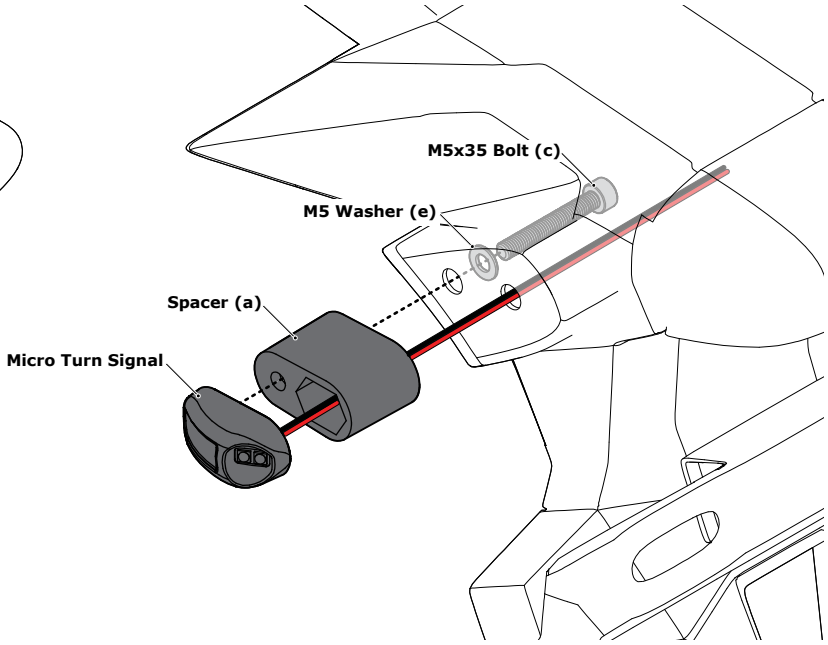


Kit Contents

(a) Spacer.....Qty 2
(b) Hollow M8 Bolt.....Qty 2
(c) M5x35 DIN 912.....Qty 2
(d) M5x10 DIN 912.....Qty 2
(e) M5 Washer DIN 125.....Qty 2
(f) M8 Washer DIN 125.....Qty 2
(g) M8 Nut DIN 985.....Qty 2

1. M6 OEM Mount





1.1 - Removing The Factory Turn Signals

There are two common types of turn signals mount types found on motorcycles, M6 and M8.

Most common mount type found from the factory is M6. The turn signal's M6 threaded stud passes through one hole, and the wiring passes through a second hole.

The second mount type is M8. For this mount, there is only one hole and the wires pass through the turn signal's hollow M8 threaded stud. This style of mount is more commonly found on aftermarket fender eliminators. The M8 mount is also great for custom applications as only one hole needs to be drilled into the mounting surface.

Step One: Remove the factory turn signals from the motorcycle. If the signals were mounted using the M6 type mount, continue to *Section 1.2*. If you signals were mounted via the M8 type mount or this a custom application, continue to *Section 2.1.*

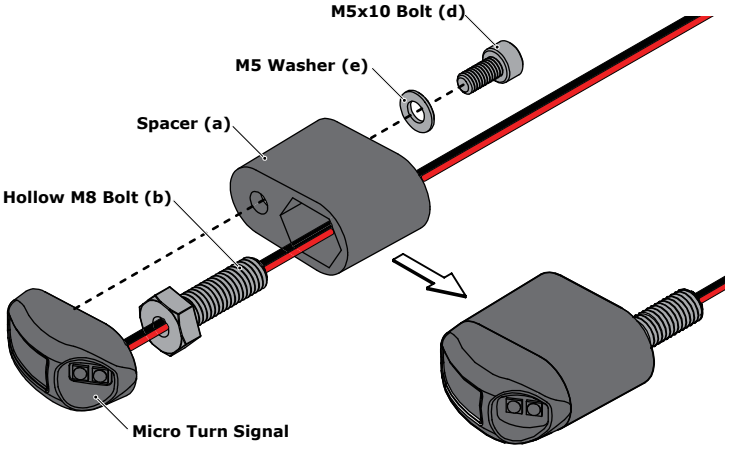
1.2 - Installing The Micro Turn Signals

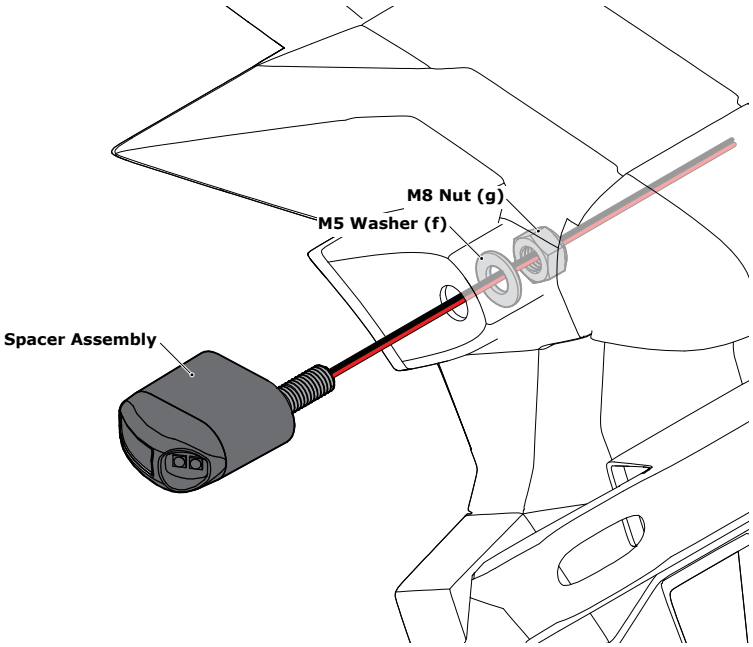
Step One: Pass the Micro Turn Signal wires through the Spacer (a), inserting them into the hexagon slot at the top and out the 5mm hole at the bottom.

Step Two: Align the Micro Turn Signal and Spacer (a) assembly to the motorcycle and attach using the M5x35 Bolt (c) and M5 Washer (e).

Note: If the material you are installing to is too thin, and the mounting bolt is bottoming out before fully tightening, an extra washer can be used to shorten the bolts length. Likewise, if the material is too thick, you may need to remove the washer from the assembly to achieve more bolt length.

2. M8 Universal Mount





2.1 - Assembling The Spacers

Step One: Pass the Micro Turn Signal wires through the Hollow M8 Bolt (b), inserting them into the 5mm hole on the head of the bolt and out the bottom.

Step Two: Insert the Hollow M8 Bolt (b) into hexagon slot on the Spacer (a).

Step Three: Use the M5x10 Bolt (d) and M5 Washer (e) the tighten down the entire assembly.

2.2 - Installing The Micro Turn Signals

Step Two: Align the turn signal and spacer (a) assembly to the motorcycle and attach using the M8 nut (g) and M8 washer (f).

3.1 - Wiring The Micro Turn Signals

Turn load resistors are necessary to prevent hyper flashing of the signals when swapping from incandescent to LED turns signals. You will need one resistor for each turn signal being installed to the motorcycle. Use DNL.WHS.12700 (Sold Separately) when replacing original 10 watt signals, and DNL.WHS.12800 (Sold Separately) when replacing original 21 watt signals.

Step One: Identify the Positive (+) and Negative (-) factory turn signal wires coming from the Motorcycle. Use the chart in Section 3.2 as a guide to identify the correct wires or simply trace the wires back from the turn signals.

Step Two: Remove the factory turn signal connector from the end of the wires and use the included Posi-Lock Connectors to attach the resistor to the wires.

- The White wire from the resistor should be connected to the motorcycles Positive (+) turn signal wire.

- The Black wire from the resistor should be connected to the motorcycles Negative (-) turn signal wire.

Step Three: Connect the DENALI Flush Mount Micro Turn Signal wires to the other end of the resistor. The white wire from the signal connects the white wire from the resistor. The black wire from the signal connects to the black wire from the resistor.

3.2 - Common Motorcycle Turn Signal Wire Colors

Note: This listing is meant to be a guide, always check the circuit using a voltmeter before connecting the turns signals to the motorcycle.

BMW
- Left Turn Signal - Blue w/ Red Stripe
- Right Turn Signal - Blue w/ Black Stripe

Harley Davidson
- Left Turn Signal - Violet
- Right Turn Signal - Brown

Honda
- Left Turn Signal - Orange
- Right Turn Signal - Light Blue

Kawasaki
- Left Turn Signal - Green
- Right Turn Signal - Grey

Suzuki
- Left Turn Signal - Black
- Right Turn Signal - Light Green

Yamaha
- Left Turn Signal - Brown
- Right Turn Signal - Green