Part Number: 3661

For additional tips and tricks, watch the installation video by visiting our website or scanning the QR code with your smartphone!

2018-2020 Ford Mustang Hood-Mounted Turn Signal Kit

Parts List:	Quantity:
LED lamp	2
Wiring harness	1
PB-3661 Parts Bag	1

Tool List:

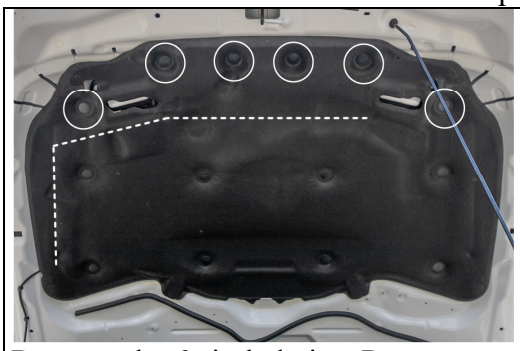
- Flat head screwdriver
- Phillips screwdriver
- Ratchet & Socket set
- Pliers

Thank you for purchasing one of our products. Please familiarize yourself with the parts included as well as the instructions before attempting installation. Please seek the help of a certified technician if you feel unable to complete the installation safely and properly. Failure to read and follow the instructions below may result in personal injury or damage to property. Starkey Products, Inc. and our retailers assume no liability for failures to comply with guidelines and warnings outlined in this instruction manual.

Mounting the Turn Signals:

Before beginning the steps below, turn off the vehicle, remove key, and engage the emergency brake. Our LED Lamps are designed to mount between the heat extractor and the retention plate on the backside of the hood.

1. Open hood of car and make sure hood is held open securely.
2. Remove the 6 push pins holding the hood insulation pad in place circled in picture 1. The pins are ribbed so you'll have to pry them out with a flat head screwdriver.
3. Use a deep well socket to remove the 4 – 9mm nuts that secure the retention plate on both the driver and passenger side. See picture 2.
4. Remove the black plastic retention plate shown in picture 2. The plate is held on with double sided adhesive tape so you'll need to use some force to remove it.
5. Turn your attention to the underside of the retention plate. This is where we will mount the LED lamp. The connector on the LED will need to face toward the center line of the hood. The lamp should also sit next to the U shaped ridge – see picture 3 for an illustration.
6. Use an alcohol pad to clean the area where the lamp will sit.
7. Peel off the tape backing and carefully place the first lamp onto the retention plate as shown in picture 3.
8. Repeat the process on the opposite side.
9. Re-install the retention plates onto the underside of the heat extractor with the 4 – 9mm nuts.



Remove the 6 circled pins. Route wiring along the dashed line. **1**

Remove the 4 – 9mm nuts that secure the retention plate. **2**

Mount LED as shown on backside of retention plate. **3**

Version 1.0
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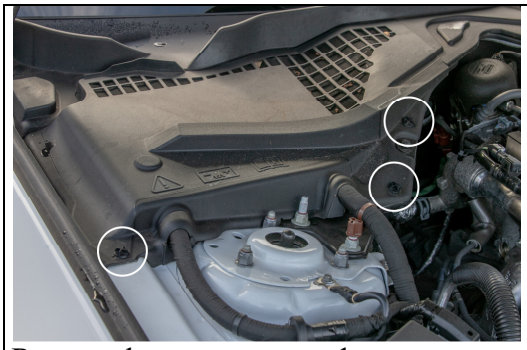
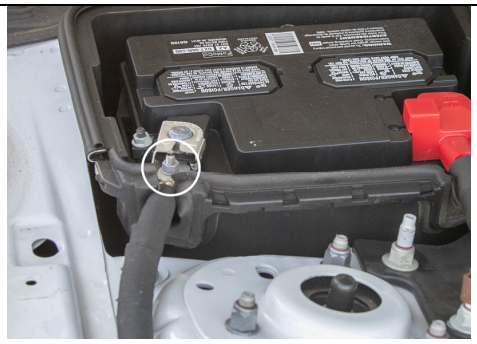


Remove battery cover and disconnect Negative battery cable **4**



Attach ring terminal to bolt circled above. Firmly re-tighten. **5**

Remove radiator cover shown. Save the 8 retaining pins. **6**

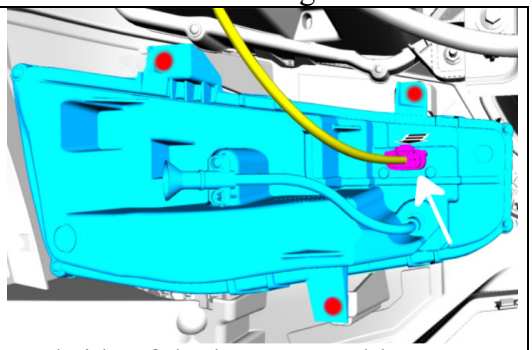
Connecting the Wiring:

1. Remove the battery cover on the passenger side. It is held on by 3 caps that you can unscrew by hand. Lift cover off and save for re-attachment later. See picture 4.
2. Disconnect negative (black) battery cable from the car battery. This is done by loosening the bolt located on the side of the battery cable terminal with a 10mm socket or wrench. You may let the cable sit off to the side. Make sure the cable has been disconnected! Do NOT allow it to make contact with the +12v Red battery cable!

Familiarize yourself with the wiring harness included with the kit. Locate the two gray connectors that plug into each turn signal lamp.

1. Plug the gray connectors into the corresponding turn signal lamps.
2. Route the wiring under the hood insulation down toward the passenger side. See the dashed line in picture 1 that shows the path you should follow when routing your wiring.
3. Secure the wiring at the base of the hood with supplied zip ties. Be sure to leave just enough slack to allow the hood to open and close properly, but not so much that it will get smashed from the hoods hinges. Follow the washer fluid hose. Do not zip tie to the hinge!
4. Use a 10mm socket to attach the **black** ground wire to the ground cable you just disconnected from the battery. See picture 5. Re-attach the bolt making sure it is tight so the ring terminal makes proper contact.
5. Route the wiring down the passenger side fender towards the headlight.
6. Remove the black panel which covers the radiator shown in picture 6. The panel is attached by 8 plastic pins. The pins are removed by prying up on center part and then prying up on the body of the pin. See picture 7. Save pins and black panel for re-installation later.
7. Route the wiring for the driver side turn signal over the radiator along the front of the car.

Pry up on center part of pin first. Then pry out entire retainer pin. **7**



Backside of the lamp assembly. See arrow for connector location. **8**

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At this point it is time to make the final connections. While you can remove the wheel well liner to gain access to the backside of the lamp assembly, it is not typically necessary. See picture 8.

8. Unplug the factory connector by squeezing the clip on the top of the connector to disconnect. Then, plug our Y-adapter into the existing wiring and the other end back into the lamp assembly.
9. Repeat the process on the other side.

Final Installation:

1. Re-connect the negative battery cable to the car battery. Remember to re-tighten the bolt.
2. Double check everything to make sure it was connected properly. Test the lights with your Key FOB again to make sure they come on and off properly. You may also use your emergency flashers to activate them. If the lights do not come on, visit the trouble shooting guide below.
3. Use the supplied zip ties to secure all wiring.
4. Make sure that all of the push pins in hood insulation pad are re-installed.
5. Reinstall battery cover.
6. Re-install the radiator cover and make sure all push-pins are re-installed. Failure to do so can cause the check engine light to illuminate on your dash.
7. Enjoy your new hood mounted turn signals! The lights will activate automatically when you operate your turn signals, hazard lights and lock or unlock your Mustang!

Trouble shooting guide:

Lamp(s) won't turn on –

- Check the ground cable you connected under the 'Connecting the wiring' section. Make sure that it is making proper metal-to-metal contact and that the bolt is tightened.
- Make sure you have plugged your factory turn signal connectors back into each lamp. Then, Try keying OFF and then ON to reset all vehicle lighting. Test lights to see if they are functioning.

One or both turn signals flash rapidly –

- Check the connectors that plug into the back of the turn signal bulbs to make sure they were re-connected properly. If the connections are loose, rapidly flashing turn signals will occur.

If you are still having trouble with your product, please contact us for technical assistance. Tech support is available via phone Monday through Friday 9am-5pm. Email tech support is available during regular business hours as well as weekends, holidays, and evenings.

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Limited Warranty:

This warranty covers defects in materials or workmanship in any component sold by Starkey Products, Inc. or its authorized dealers. Warranty is effective for five years from the date of purchase. Coverage terminates if you sell or transfer ownership of the product. Starkey Products will repair or replace the defective or malfunctioning product or any defective or malfunctioning part thereof at no charge. This warranty covers parts and labor only. This warranty does not cover any problem that is caused by abuse, misuse, acts of God, or improper installation. Any modification or alteration to any component will void the product warranty. Warranty does not cover wear that any components receive through the normal course of operation and use (including but not limited to bulbs). All warranty claims require proof of purchase.*

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