

1937 Ford Installation Instructions

1. **Disconnect Battery.** Do not skip this step. Also, do not try to “test” the LED array by connecting the leads directly to your battery. Permanent damage will occur to the LED array if you fail to heed these steps.
2. Remove taillight lens and bezel.
3. Remove light bulb and light bulb holder.
4. Remove the LED array from the stainless steel bracket.
5. Route the supplied electrical harness through the taillight and to the area where connections will be made.
6. Install the stainless steel bracket in the taillight housing using the supplied screw. Also attach the green ground wire from the supplied harness to this screw.
7. Attach the plastic connector on the supplied harness to the LED array.
8. Deform the supplied plastic spacers to hold them on the screw during installation.
9. Align the LED array and stainless steel bracket while installing the supplied stainless steel screws and lock washers.
10. Reassemble the rest of the taillight.
11. **Wiring** Using the supplied connectors, connect the wire from the taillight circuit to the black wire on the supplied harness. To use the

connector: Put both wires in a separate hold, unstripped. Holding the wires as far in as possible, squeeze the connector with pliers. Some “goo” may come out of the connector. This “goo” ensures a watertight connection. Repeat by connecting the wire from the brake light circuit on your car to the red wire on the supplied harness. If your car is fiberglass, the housing must be grounded.

12. Repeat for the other side.

13. Reconnect the battery.

14. Test both STOP and taillight functions.

15. Enjoy!

Photo Explanation

1. Disassemble the LED array from its bracket and install the bracket using the supplied screw.
2. Route the electrical harness. Note the location of the green ground wire.
3. Plug the green harness connector into the receptacle on the LED array.
4. Deform the plastic spacers to hold them in place during assembly.
5. Install the LED array.

6. Connector use. Insert the two wires (unstripped) into the connector. The connector is clear. Look inside to make sure the wires are all of the way in.....
7.and squeeze the connector.
8. Parts included in the Shiny-Hiney.com kit.

Technical Notes

1. For cars using the stock license plate location, the LED will not illuminate the license plate. We suggest using the commercially available LED license plate bolts.
2. Turn Signal Flashers: If your car has a conventional bulb in the front parking light, your existing flasher should work. If you have an LED or no front parking light, you will need an electronic flasher. These are available at auto parts stores.
3. Normal operation of the LED array has two LEDs lit for the tail function. All 14 LEDs are lit for both the stop and turn function.
4. If you want to "test" your LED array before installation, use a 9-volt transistor radio battery. Connect the supplied wiring harness to the LED array. Touch the green wire to the (-) terminal while touching the red or black wires to the (+) terminal. The LED will not be as bright as normal but you can confirm operation.



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Photo Reference

