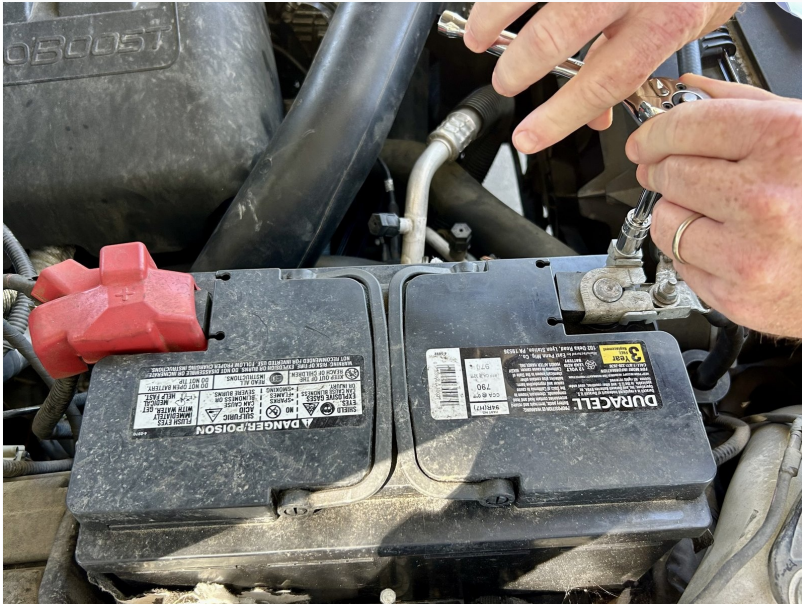




Fast Fix Airbag Clockspring Replacement

The clockspring is a plastic circuit in a...

Written By: Cindy Everitt



INTRODUCTION

The clockspring is a plastic circuit in a vehicle's steering mechanism that connects the steering column to the steering wheel without breaking the electrical connection when it rotates.

When the clockspring fails, the steering wheel loses its electrical connection, and its buttons, horn, and other features stop working. This guide will help you replace the clockspring and restore the functionality of the steering wheel buttons in a **2014 Ford F150 Lariat** pickup truck.

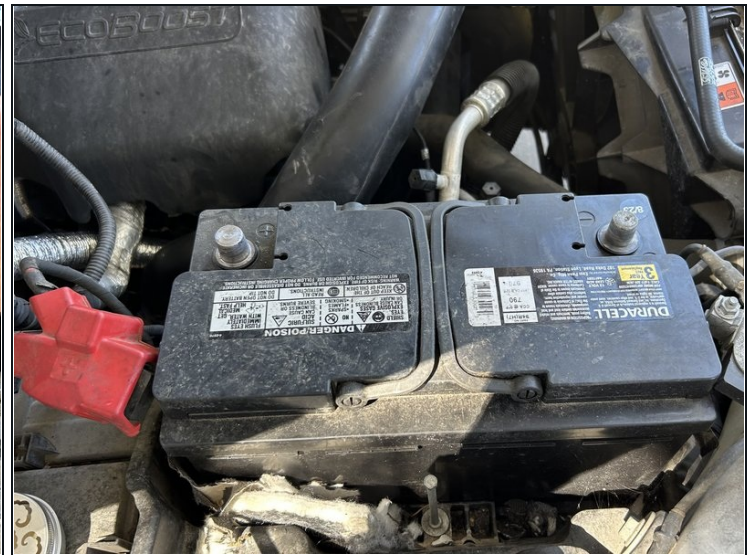
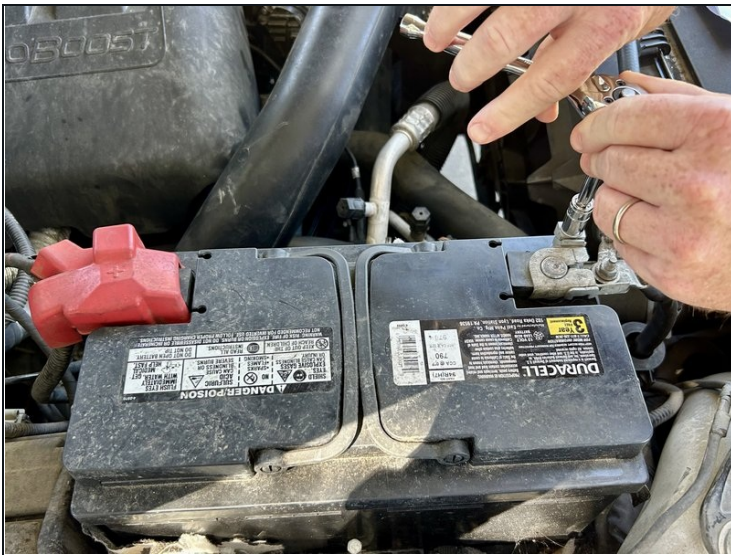
🔧 TOOLS:

- Small Flathead Screw Driver (1)
- Ratcheting Socket Wrench (1)
- 10mm Socket (1)
- 7mm Socket (1)
- 24mm socket (1)
- Torx Screwdriver (of some size) (1)
- 10T Torx bit (1)

⚙️ PARTS:

- Clockspring for 2014 Ford F150 (1)

Step 1 — Airbag Clockspring



- Disconnect the cables to your vehicle battery using a socket wrench and 10mm socket.

⚠️ Wait 10-15 minutes for the capacitors to discharge to ensure that no power can trigger the airbag to deploy.

Step 2



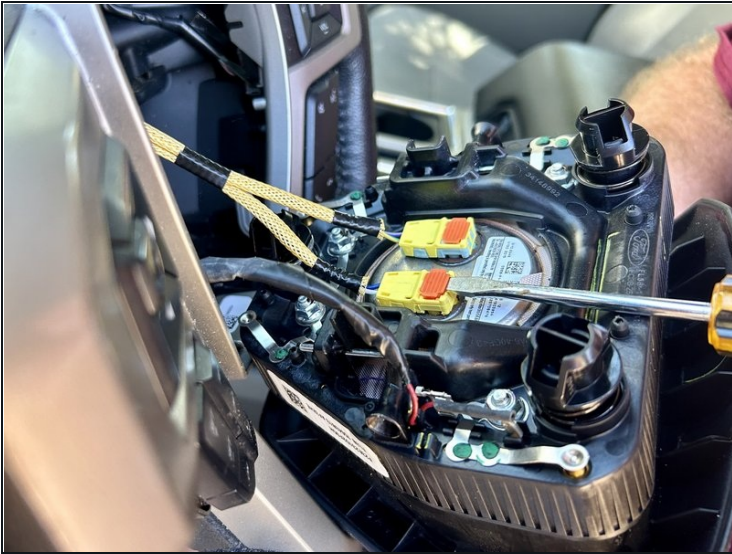
- Make sure that your steering wheel and wheels are in the straight position.

Step 3



- Find the two holes on the sides of the steering wheel.
- Insert a small screwdriver into the hole on one side and push to release the clip holding the airbag in place.
- Repeat on the opposite side to release the airbag.

Step 4



- Use a small flathead screwdriver to pop up the tabs on the airbag connector wires and disconnect them.
- Disconnect the horn wire.
- Carefully remove the airbag and set aside.

Step 5



- Use a socket wrench and 24mm socket to remove the steering wheel bolt.

Step 6



- Unclip and disconnect the steering wheel wires at the top.

Step 7



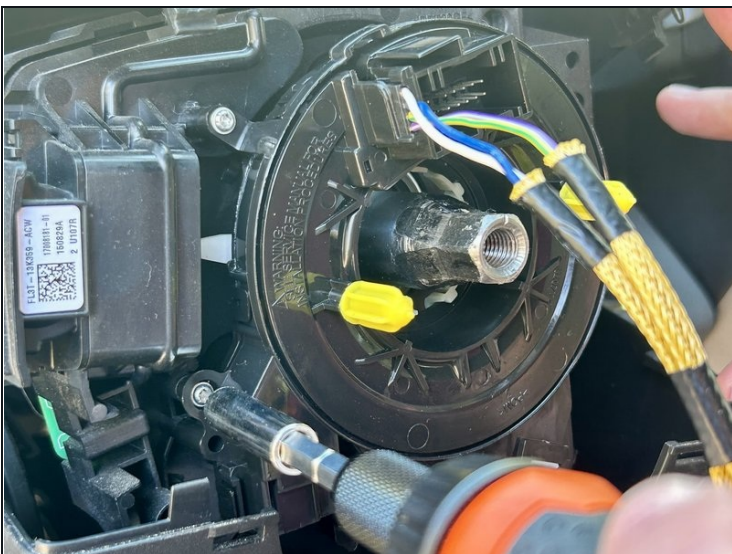
- Pull the steering wheel away from the steering column and set aside.

Step 8



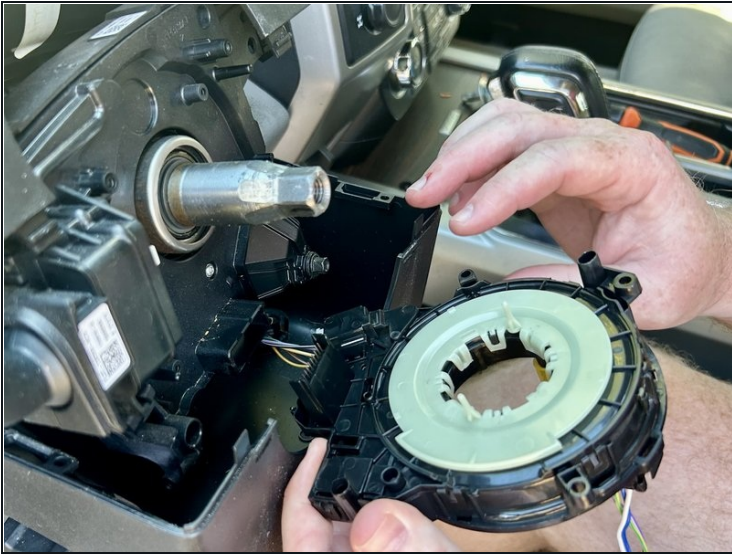
- Use a socket wrench and 7mm socket to remove the three screws underneath the steering column that hold the two parts of the steering column covers in place.
- Separate the steering column covers and push them aside to access the clockspring.

Step 9



- Unscrew the broken clockspring using a Torx screwdriver and T10 bit to remove the four screws holding it in place.

Step 10



- Remove the broken clockspring and set it aside.

Step 11



- Install the new clockspring using a Torx screwdriver and T10 bit.
- Replace the four screws and tighten them.
- Remove the clockspring lock tab to release the new clockspring mechanism.

Step 12



- Move the steering column covers back into place and replace the three screws underneath using a socket wrench and 7mm socket.

Step 13



- Feed the two airbag wires through the back of the steering wheel to begin replacing it.
- Replace the steering wheel bolt and tighten it with a socket wrench and 24mm socket.

Step 14



- Reconnect the horn wires and the airbag wires.
- Push down the tabs on the airbag wire connectors to make sure the connection is good.

Step 15



- Return the airbag to its place and push it to clip it back in place.

Step 16



- Reconnect the battery cables.

Step 17



- Check for a successful installation by cranking the vehicle to see the Engine OK light indicator on the dashboard.
- Check that the steering wheel control buttons work.