

## Installing Your Anti-Flicker Wire Harness

---

### *Before You Begin*

This anti-flicker harness has been designed to eliminate LED headlight flickering as the result of Pulse Width Modulation (PWM) in Jeep JK model years 2007-to-present.

This anti-flicker harness should ***NOT*** be used on vehicles where the Daytime Running Light (DRL) relies on the high beam function of the headlight to meet DRL requirements.

---

### *About PWM*

PWM is a function of the Jeep electrical system where power is "pulsed" to the headlights at an extremely rapid rate. Bulb-based headlights aren't responsive enough to the pulsing of power to produce any noticeable flickering. LED headlights, on the other hand, are extremely responsive, so sometimes a flicker can be seen. Most LED headlights do not produce a flicker as the result of PWM, but for those that are affected, this anti-flicker harness is an excellent solution.

---

### *Installation Instructions*

1. Remove the front grille from your Jeep to gain access to your headlights.
  2. Remove the mounting ring that secures your headlight in place.
  3. With the mounting ring off, carefully pull out the headlight from the bucket and disconnect it from the existing wire harness.
  4. Place the headlight in a safe spot within reach.
  5. If you weren't already using an H4/H13 aftermarket wire harness, proceed to Step 7 below.
  6. If you already had an H4/H13 wire harness installed, disconnect it and set it aside. The anti-flicker harness will replace it.
  7. Connect the H13 end of the anti-flicker wire harness to the vehicle.
  8. Connect the H4 end of the anti-flicker wire harness to the LED headlight.
  9. Double-check that you have good connections on both ends of the anti-flicker wire harness.
  10. If you wish to secure the anti-flicker wire harness in place, use the zip ties included with the harness.
  11. Carefully place the LED headlight and newly installed anti-flicker wire harness assembly back into the headlight bucket.
  12. Replace the mounting ring to secure your headlight in place.
  13. Repeat Steps 2 through 12 for your other headlight.
  14. Replace the front grille.
  15. Enjoy flicker-free driving behind the world's best LED headlights!
- 

