

DELTA®

DELTA XENON HEADLAMP KIT

7" Round D.O.T Replacement for earlier model cars, trucks, vans and Jeep Wranglers 1997-2006

INSTALLATION INSTRUCTION

1. Remove your existing headlamps by unscrewing the bezel surrounding the headlamp.
2. Remove the retaining ring holding the headlamp.
3. Unplug the socket in the back of the headlamp element.
4. Plug in your DELTA headlamp element and install into the headlamp bucket using your existing screws
5. Tighten the bezel back on.



6. If your DELTA Xenon headlamps are equipped with "City Lights" (small, low wattage bulbs on the side of your reflector). These "City Lights" could be used as your extra parking lights, Daytime Running Lights or directional lights. For Parking Lights, just tap your City Light to each respective existing parking light. For DRL application, you may tap into your ignition switch line. For Directional Lights, replace the miniature bulbs with amber color bulbs and tap each light to the respective existing directional light line.

THESE HEADLIGHTS ARE DOT COMPLIANT AND ARE HIGHWAY LEGAL

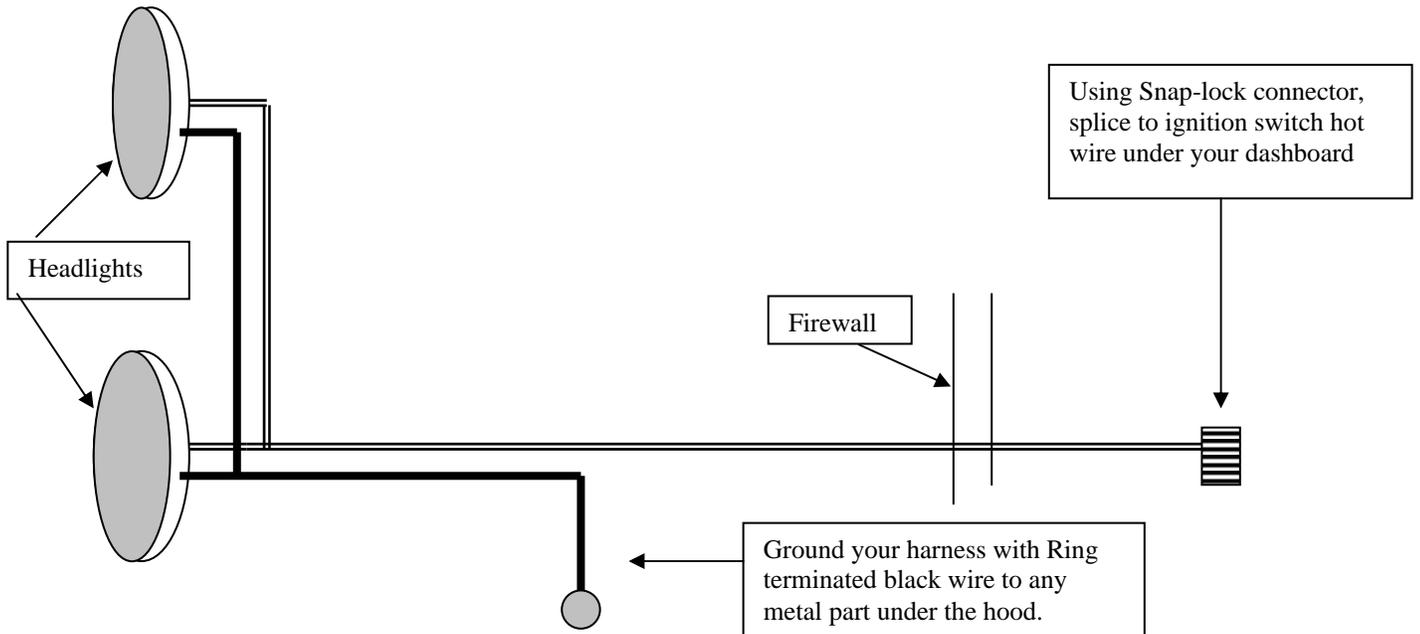
NOTE: When installing be sure rubber boot is snugly fitting over the reflector providing a good seal against moisture. In the event any moisture is trapped inside the headlight causing it to steam up, please follow these procedures: Peel back the rubber boot and carefully remove the bulb by releasing first the bulb spring. Allow vapor to escape by holding the headlight in sunlight or using a hair dryer. When completed, assemble the bulb and re-seal the boot around the reflector.

DAYTIME RUNNING LIGHT HARNESS - P/N 05-2000-37
For DELTA Headlamps, 500, & 550 Series Lights Equipped with City Lights

INSTALLATION INSTRUCTIONS

1. Plug yellow wire onto 1 terminal of bulb socket and black wire onto the other terminal.
2. Repeat steps 1 for the other headlights.
3. Run the harness loom through the engine compartment on the driver's side.
4. Using cable ties (included), attach the harness to the factory wire bundle away from the engine.
5. Using a metal sheet screw, attach the ring terminal on the black wire to any metal object under the hood to ground.
6. Tracing the existing factory wire loom, run bare yellow wire through the firewall under the dashboard.
7. Locate hot ignition wire leading from ignition switch by making a small incision in the wire jacket. Touch bare yellow wire to incision when ignition switch is on. If daytime running lights are on when ignition is on and off when ignition is off, you have located the correct wire.
8. Using provided blue snap lock connector, splice yellow wire into the selected ignition switch wire.

Your Daytime Running Lights will now operate each time you turn your ignition and while you drive your vehicle.



CONTENT:

- Wiring Harness
- Snap lock connector
- Cable Ties

SUPPLEMENTAL INSTALLATION INSTRUCTIONS FOR “City Lights”

If your Headlights or Auxiliary lights came with extra miniature “City Lights” and you wonder why or how to wire them up then this instruction should help. You can utilize the existing miniature parking lights which came with your lights or headlights or explore other options described below:

1. As Parking Lights, by using provided miniature bulbs and running any automotive wire from your headlights to your factory wire lead leading to your parking lights and splicing it into that wire lead. The other prong on your miniature bulb should be grounded to any metal surface on the vehicle. Now each time you turn your parking lights your headlights will glow as well.
2. As Turn Signal Lights, by installing an amber miniature incandescent bulb (Part No.03-5053-50B) or high output LED amber bulb (Part No.03-5053-50LA) and running any automotive wire from right and left headlight to your factory wire leading to your right and left blinkers and splicing them into respective wire leads. The other prong on your miniature amber bulb should be grounded to any metal surface on the vehicle.
3. As Daytime Running Lights (DRL), by installing a miniature 20A halogen bulb (Part No.03-5053-50D) or high output LED bulb (Part No.03-5053-50LW) and running any automotive wire from your headlights to your factory wire leading from your ignition and splicing them into that portion of the wire which becomes energized the moment you turn your ignition. The other prong on your miniature amber bulb should be grounded to any metal surface on the vehicle.
4. Other uses like LED red Emergency Lights (Part No.03-5053-50LR) or LED blue Police Lights (part No. 03-5053-50LB) both are reserved for law enforcement, fire and forestry services.



LED BULBS: WHITE, AMBER, BLUE AND RED



HALOGEN BULB



INCANDESCENT AMBER