



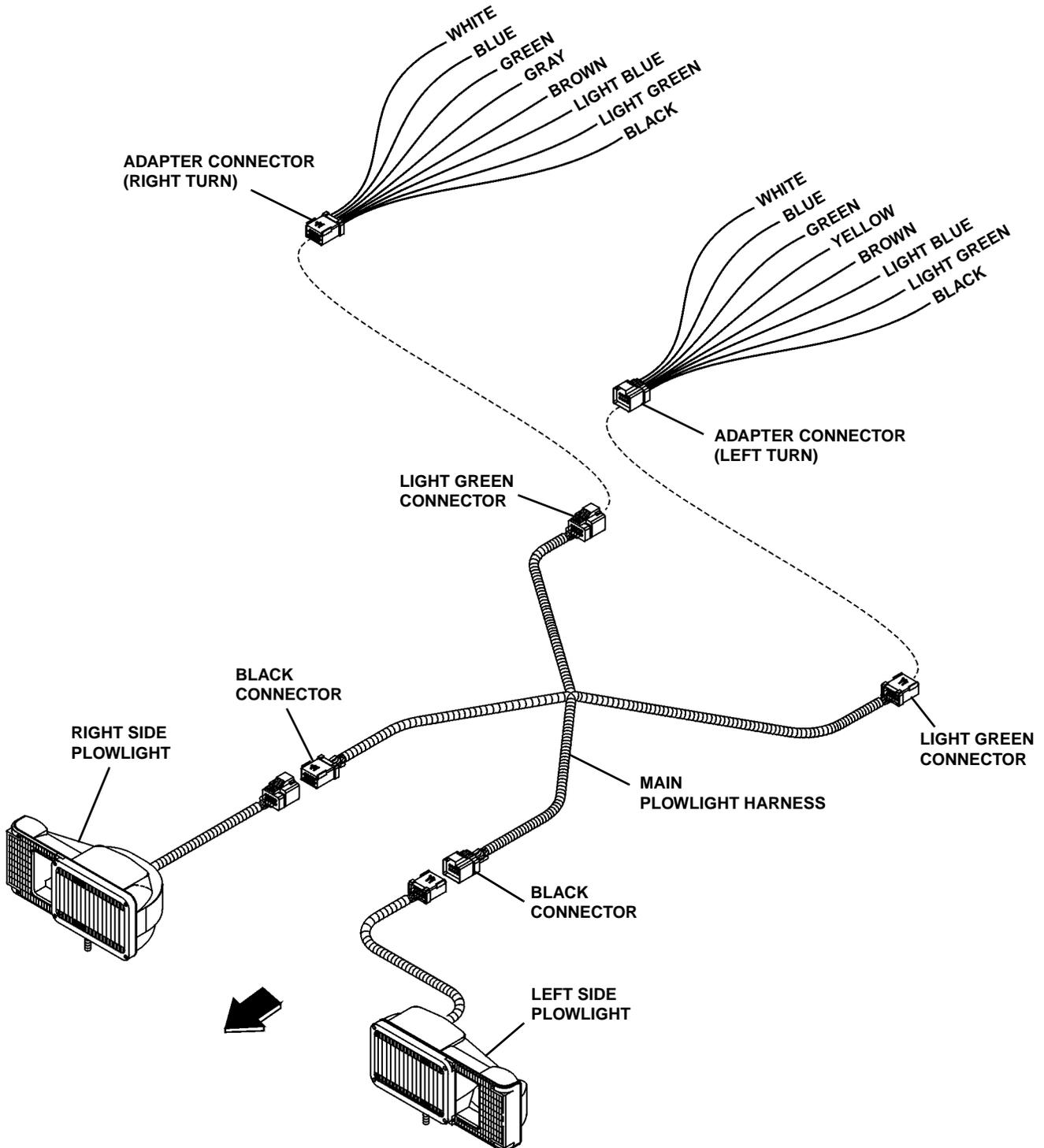
**Adapter Kit  
Wiring Diagram  
&  
Installation Instructions**

**FOR 99100796 ADAPTER KIT**

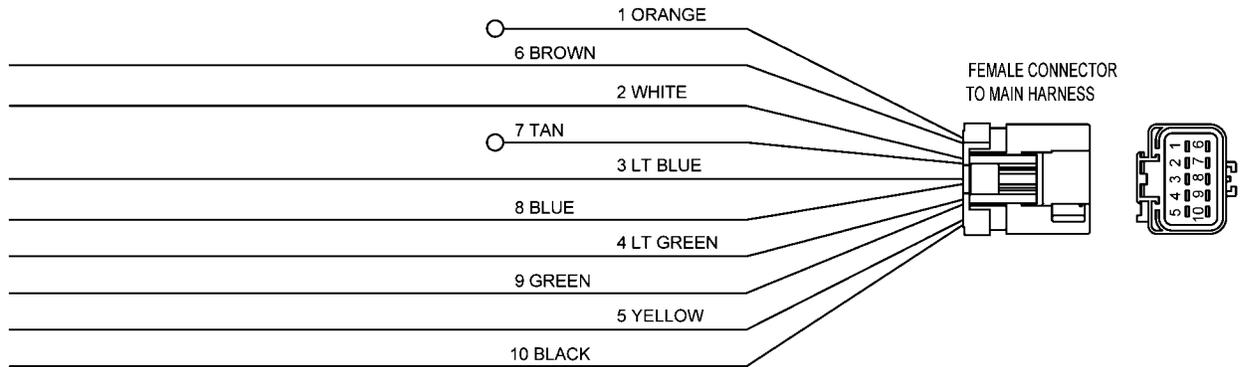
# WIRING DIAGRAM



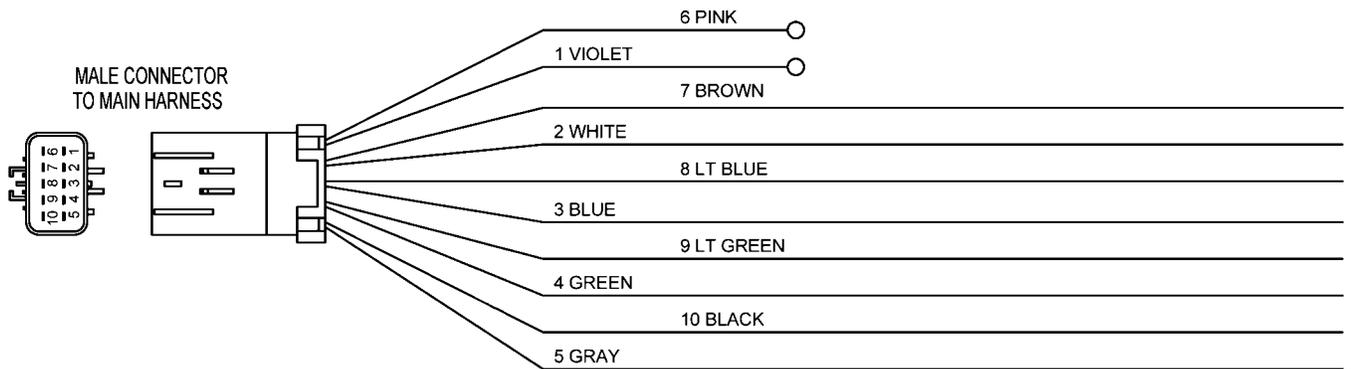
1. THINK SAFETY, ALWAYS WEAR SAFETY GLASSES WHEN PERFORMING THE OPERATIONS PRESCRIBED IN THESE INSTRUCTIONS
2. READ ALL INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING INSTALLATION



## Headlight Adapter Schematic - Female (96107917)



## Headlight Adapter Schematic - Male (96107918)



## ADAPTER KIT INSTALLATION (Refer to Diagram)

### CAUTION

- **THINK SAFETY, ALWAYS WEAR SAFETY GLASSES WHEN PERFORMING THE OPERATIONS PRESCRIBED IN THESE INSTRUCTIONS**
- **READ ALL INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING INSTALLATION**

**IMPORTANT:** Use a dielectric compound on all connections to prevent corrosion.

1. Disconnect the vehicle headlight electrical connector from the back of the vehicle headlamps.

**NOTE:** In order to disconnect some vehicle headlight connectors, it may be necessary to remove the headlamp assembly from the front of the vehicle, if the connector is not easily accessible.

2. Plug together the light green connectors on the main harness with the corresponding adapters needed for the vehicle. The driver's side connection has a yellow wire and the passenger side has a gray wire.

**IMPORTANT:** The correct adapters must be connected to each side for proper function.

3. On the driver's side (Left Turn):
  - a) Locate the low beam source wire behind the vehicle headlamp. At a suitable distance back from the headlamp, cut the wire and using a butt connector, connect the light green adapter to the wire going back to the headlamp. Using another butt connector, connect the green adapter wire to the wire coming from the vehicle harness.
  - b) Locate the high beam source wire behind the vehicle headlamp. At a suitable distance back from the headlamp, cut the wire and using a butt connector, connect the light blue adapter to the wire going back to the headlamp. Using another butt connector, connect the blue adapter wire to the wire coming from the vehicle harness.
  - c) Locate the headlamp common wire on the vehicle harness. Using a Scotch Lock ® connector, splice the white adapter wire to the common wire.
  - d) Locate the left turn signal wire on the vehicle harness. Using a Scotch Lock ® connector, splice the yellow adapter wire to the common wire.
  - e) Locate the left park wire on the vehicle harness.

Using a Scotch Lock ® connector, splice the brown adapter wire to the common wire.

f) Locate the left park/turn common wire on the vehicle harness. Using a Scotch Lock ® connector, splice the black adapter wire to the vehicle park/turn common wire

4. On the passenger's side (Right turn):
  - a) Locate the low beam source wire behind the vehicle headlamp. At a suitable distance back from the headlamp, cut the wire and using a butt connector, connect the light green adapter to the wire going back to the headlamp. Using another butt connector, connect the green adapter wire to the wire coming from the vehicle harness.
  - b) Locate the high beam source wire behind the vehicle headlamp. At a suitable distance back from the headlamp, cut the wire and using a butt connector, connect the light blue adapter to the wire going back to the headlamp. Using another butt connector, connect the blue adapter wire to the wire coming from the vehicle harness.
  - c) Locate the headlamp common wire on the vehicle harness. Using a Scotch Lock ® connector, splice the white adapter wire to the common wire.
  - d) Locate the right turn signal wire on the vehicle harness. Using a Scotch Lock ® connector, splice the gray adapter wire to the common wire.
  - e) Locate the right park wire on the vehicle harness. Using a Scotch Lock ® connector, splice the brown adapter wire to the common wire.
  - f) Locate the left park/turn common wire on the vehicle harness. Using a Scotch Lock ® connector, splice the black adapter wire to the vehicle park/turn common wire.
5. Place the other end of the main harness on the outside of the grille.
6. Attach the main harness connectors to the right and left plow light headlamps. Turn on the vehicle lights and check operation. Check to make sure the vehicle headlights go out and plow headlights come on. Check park and turn signals.
7. If disassembled, reassemble vehicle components.
8. Secure the main harness to a safe location with electricians tape or plastic wire ties. Excess harness length should be neatly coiled and taped, or tied up out of the way.

### CAUTION

**Make sure that wire harness is routed away from all moving engine components. Example; fan, belts etc. DO NOT attach wire harness to hoses, radiator AC coils, exhaust manifolds, or control cables.**

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