



United Pacific

# DUAL FUNCTION PROJECTION HEADLIGHT

Item Numbers: 35808, 35809, 35810, 35811

## Connect Plug ① ② ③ to Original OE Wire Harness

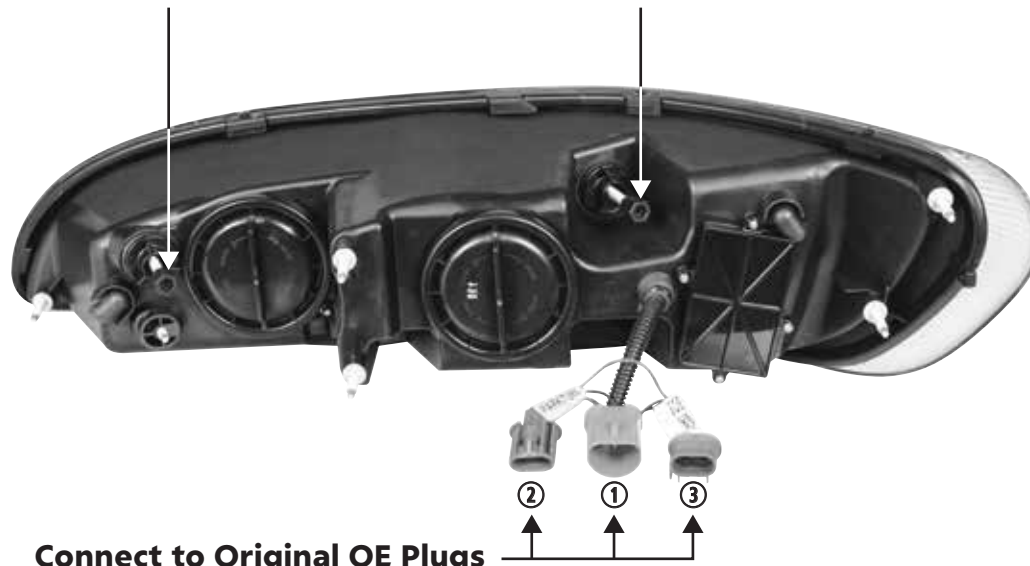
- ① Low beam / High beam
- ② LED turn signal (park/turn)
- ③ LED position light bar (side marker)

### High Beam Adjuster:

Clockwise = Beam UP  
Counterclockwise = Beam DOWN

### Low Beam Adjuster:

Clockwise = Beam UP  
Counterclockwise = Beam DOWN



Connect to Original OE Plugs

## Normal Fogging / Condensation

This bulletin provides information regarding headlights that may experience fogging or condensation inside of the headlamp assembly. A drop in air temperature may cause condensation to form on the inside of a cool headlamp lens. Generally, fogging is considered normal and can be eliminated by turning on the headlamp with the engine running for several minutes. In most cases, operating the vehicle in normal driving condition will clear the headlamp fogging. Headlamp assembly replacement **WILL NOT** be necessary in most cases.

## Note

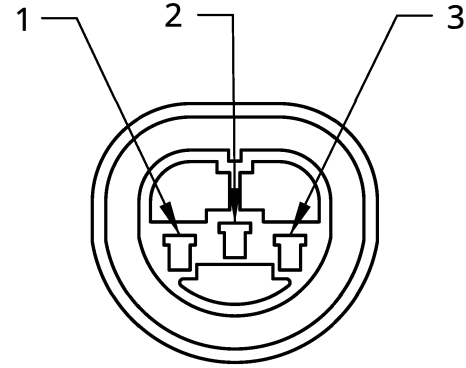
- If any of the following conditions occur, please consult with a professional mechanic to determine the water source:
  1. If condensation/fogging fails to dissipate after operating the headlight with the engine running for 30 minutes
  2. If water pooled inside the headlamp
- A high pressure washer may also cause water to be forced into the headlamp assembly.

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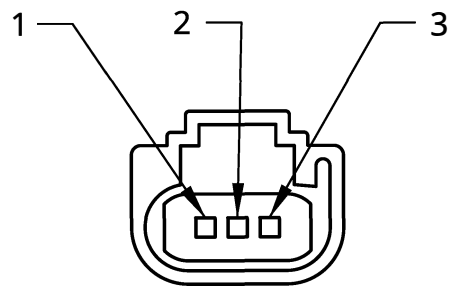
### Connector Pinout Diagrams

**Headlight Beam Plug**



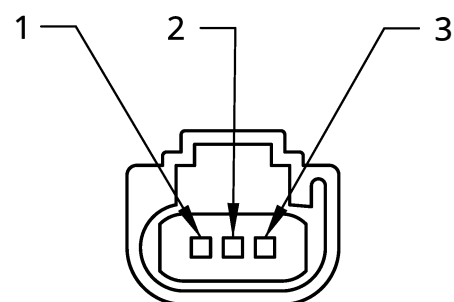
| Pin# | Wire       | Function      | Main Plug Pin# |
|------|------------|---------------|----------------|
| 1    | Blue/White | High Beam (+) | 4              |
| 2    | Black      | Ground (-)    | 3              |
| 3    | Red/Black  | Low Beam (+)  | 5              |

**Parking/Turn Signal Plug**



| Pin# | Wire       | Function       | Main Plug Pin# |
|------|------------|----------------|----------------|
| 1    | Blue/White | Turn Signal(+) | 2              |
| 2    | Brown      | Parking (+)    | 8              |
| 3    | Black      | Ground (-)     | 1              |

**Side Marker/Repeater Plug**



| Pin# | Wire  | Function          | Main Plug Pin# |
|------|-------|-------------------|----------------|
| 1    | Green | Turn/Repeater (+) | 7              |
| 2    | Brown | Marker (+)        | 8              |
| 3    | Black | Ground (-)        | 6              |

|                                  |          |        |  |
|----------------------------------|----------|--------|--|
| TITLE                            |          |        |  |
| Peterbilt 386/387 Harness Pinout |          |        |  |
| SIZE                             | DWG NO.  | REV.   |  |
| A                                | 03212022 |        |  |
| SCALE                            | WEIGHT   | SHEET  |  |
| 1:1                              |          | 1 of 2 |  |

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B

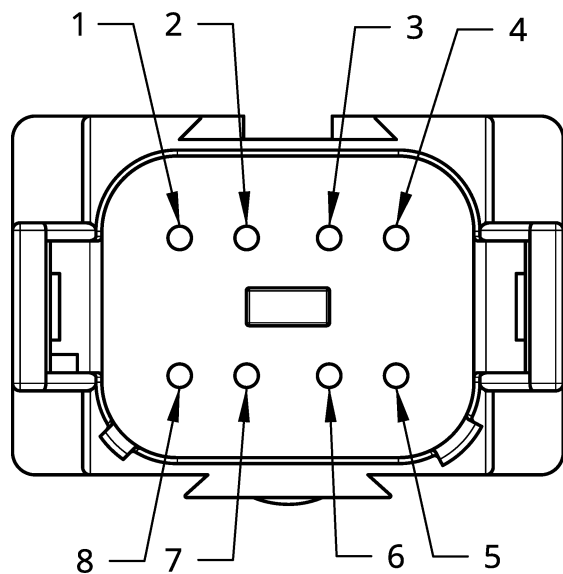
A

A

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### Main Harness Plug



| Pin # | Wire Color | Function                 |
|-------|------------|--------------------------|
| 1     | Black      | Ground (-)               |
| 2     | Blue/White | Turn Signal (+)          |
| 3     | Black      | Ground (-)               |
| 4     | Blue/White | High Beam (+)            |
| 5     | Red/Black  | Low Beam (+)             |
| 6     | Black      | Ground (-)               |
| 7     | Green      | Turn Signal/Repeater (+) |
| 8     | Brown      | Marker/Parking (+)       |

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