TRUX ACCESSORIES

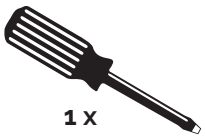
INSTALLATION GUIDE

UNIVERSAL HEADLIGHT ASSEMBLY
WITH OPTIONAL BACKLIT AUXILIARY
FOR PETERBILT 357, 365, 378 & 379

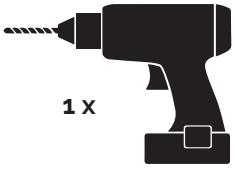
(TLED-H124, TLED-H125, TLED-H126, TLED-H127, TLED-H134, TLED-H135, TLED-H136, TLED-H137)

TOOLS REQUIRED:

PHILLIPS SCREWDRIVER



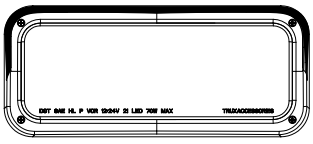
FLAT SCREWDRIVER



DRILL

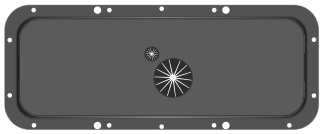
VICE GRIP

BOX CONTENTS:



1 X

UNIVERSAL HEADLIGHT ASSEMBLY (DRIVER OR PASSENGER)



1 X

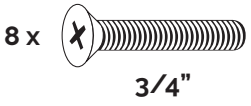
TRUX HEADLIGHT HOUSING BUCKET

1 X

MALE SPADE CONNECTOR

1 X

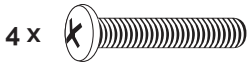
CAPS FOR ADJUSTMENT SCREWS



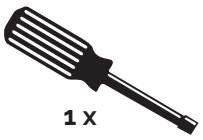
#8-32 (3/4" LONG) PHILLIPS FLAT HEAD MACHINE SCREWS

#8-32 MACHINE SCREW NUTS (HEX)

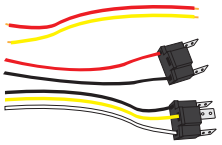
#8 FLAT WASHERS



STAINLESS STEEL VISOR SCREWS



4mm SOCKET DRIVER



EXTENSION WIRES (RED, YELLOW) & PLUGS (3 PRONG, 2 PRONG)

1) REMOVE CURRENT BEZEL, HEADLIGHTS & OEM HEADLIGHT BUCKET

Unscrew the bezel to access the OEM headlight bucket. Drilling may be required to remove the OEM headlight bucket due to corroded screws. Once the OEM headlight bucket is removed, unplug the current headlight's wiring from the truck.

1a

1b

1c

1d

Due to corrosion, it is common for the screws holding the OEM headlight bucket in the housing to break off. Should this occur you will need to either use a vice grip, screw extractor or drill the old screws and re-thread the holes with a tap. Should this problem occur, Trux recommends seeking professional services to drill and re-thread the housing holes for a safe and secure installation of your new Trux Universal Headlight Assembly.

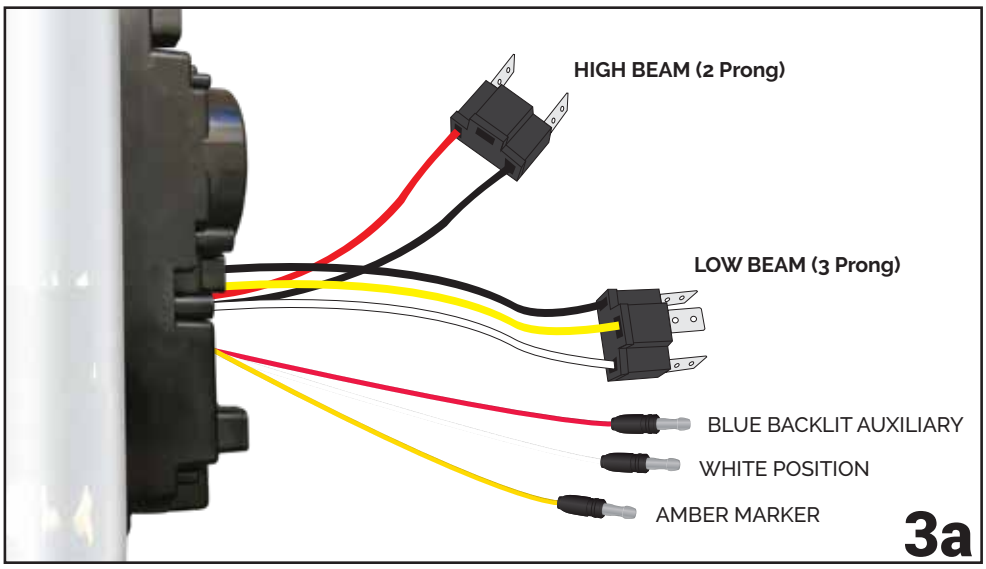
2) DETACH THE HEADLIGHT VISOR FROM THE TRUX HEADLIGHT ASSEMBLY

Unscrew the headlight visor from the headlight assembly and place the screws in a secured area.

3) WIRING THE HEADLIGHT ASSEMBLY

Test the wire connections by plugging the Trux Headlight Assembly connectors into the headlight plugs as shown in the diagram below. (Diagram 3a)

NOTE: If required, Trux has provided an additional wire harness to replace any OEM damaged wires.



HIGH BEAM (2 Prong)

- GROUND (NEGATIVE)
- HIGH BEAM (POSITIVE)

LOW BEAM (3 Prong)

- GROUND (NEGATIVE)
- LOW BEAM
- LOW BEAM (POSITIVE)

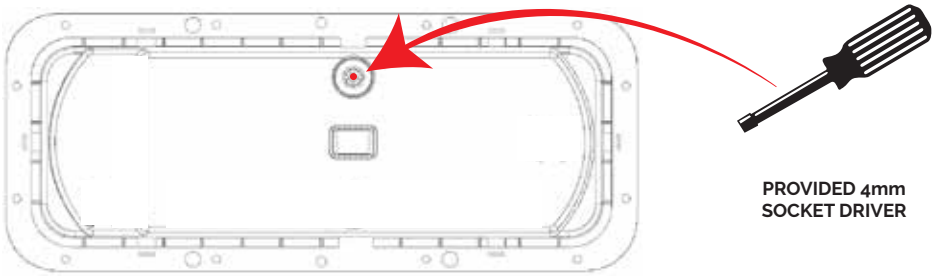
BACKLIT AUXILIARY FUNCTION: Blue Backlit function has an independent wire that will allow you to turn it off when driving in any region where Blue is illegal.

HEATED FUNCTION (TLED-H126, TLED-H127, TLED-H136, TLED-H137):
Heating Element will automatically activate at 46.4˚ F or 8˚ C

4) ADJUST THE HEADLIGHT BEAMS

The headlight beam can be adjusted with the provided 4mm socket driver. Adjust the pin clockwise or counter clockwise at the location shown below.

NOTE: Because the aiming pin cannot be accessed once the headlight is fully mounted, we suggest mounting it temporarily using only 2 screws so that it can be easily removed often to enable you to make the necessary adjustments.



UP/DOWN
HEADLIGHT ADJUSTMENTS

CLOCKWISE: ADJUSTS HEADLIGHT **DOWNWARDS**

COUNTER-CLOCKWISE: ADJUSTS HEADLIGHT **UPWARDS**

5) MOUNT THE HEADLIGHT ASSEMBLY

Once you configured the wiring, tested the functions and adjusted the beam, position the Trux headlight assembly to the Peterbilt headlight housing holes. Once positioned, screw the new flat screws into the screw holes located above and below the Trux Headlight Assembly.

6) ATTACH THE HEADLIGHT VISOR

Align the headlight visor to the front of the headlight assembly and use the provided screws to tighten the visor into place.

TROUBLESHOOTING TIPS:

PROBLEM	SOLUTION
1- Weak or improper lighting 2- Error on the dashboard 3- Light flickering	You may need to install a load resistor on each light that is experiencing these issues. Trux offers the TU-1039 for LED headlights (80W). Load resistors are used often for vehicles that originally came with Halogen bulbs. The truck's computer is programmed to expect a higher wattage draw from halogens and may sometimes send errors to the light if it is drawing the lower wattage draw of LEDs. These errors can present themselves in different ways such as intermittent flashing. The TU-1039 load resistor is the first line of defense for these issues. It will compensate for the low power wattage of the LED to make sure there is no error message on the dash so that no re-programming is required. Once installed, it will 'trick' the vehicle's computer and allow it to send the proper current needed for the LED.
4-My high beam is not working 5-My low beam is not working	Use TPIG-H1 Adapter if you have Vehicle like socket (46,56) this will switch the ground of the low beam to align with the vehicle. If the H4 plug is the sealed version, you can switch the wires on your truck. These are universal headlights and each of the different trucks/years that they fit may have their ground wire on different sides or colors. In some cases, you may need to switch the black and red wire on the 'high beam' 2-wire H4 connector in order to switch the ground of the high beam. (Note* Our LED headlights do not work on a double negative system).