



INSTALLATION GUIDE

UNIVERSAL HEADLIGHT ASSEMBLY FOR PETERBILT 357, 365, 378 & 379

(TLED-H100, TLED-H101, TLED-H102, TLED-H103)



TOOLS REQUIRED:



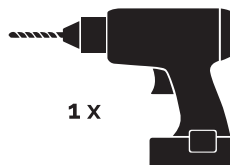
1 X

PHILLIPS SCREWDRIVER



1 X

FLAT SCREWDRIVER



1 X

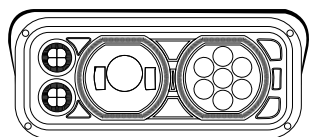
DRILL



VICE GRIP

BOX CONTENTS:

1 X



UNIVERSAL HEADLIGHT ASSEMBLY
(DRIVER OR PASSENGER)

1 X



TRUX HEADLIGHT
HOUSING BUCKET



1 X

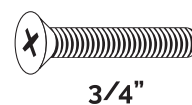
MALE SPADE
CONNECTOR



4 X

CAPS FOR
ADJUSTMENT SCREWS

8 X



3/4"

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

8 X



#8-32 MACHINE SCREW
NUTS (HEX)

8 X



#8 FLAT WASHERS

4 X

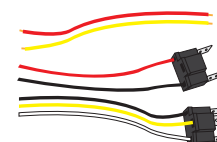


STAINLESS STEEL VISOR SCREWS

1 X



4mm SOCKET DRIVER



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

1) REMOVE CURRENT BEZEL, HEADLIGHTS & OEM HEADLIGHT BUCKET

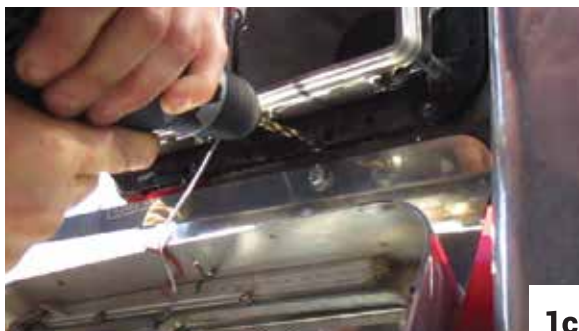
Unscrew the bezel to access the OEM headlight bucket. Drilling may be required to remove the OEM headlight bucket due to corroded screws. Once the OEM headlight bucket is removed, unplug the current headlights wiring from the truck.



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 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.



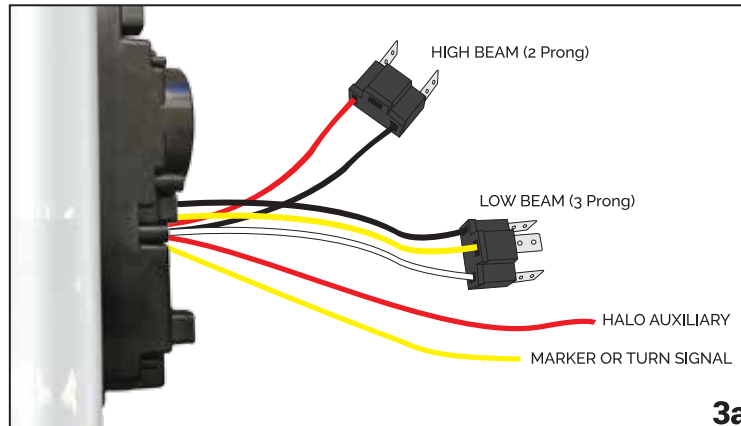
2a

3) WIRING THE HEADLIGHT ASSEMBLY

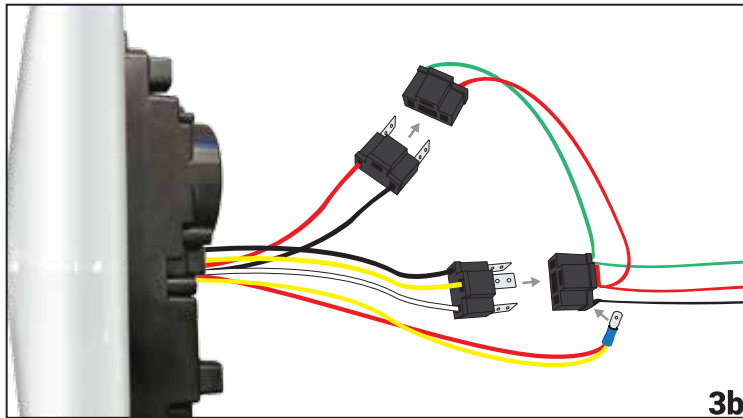
Test the wire connections by plugging the Trux Headlight Assembly connectors into the headlight plugs as shown in the diagrams below. The clear amber lights can function as a marker or turn signal, see below for optional connections. (Diagram 3a) **NOTE:** If required, Trux has provided an additional wire harness to replace any OEM damaged wires.

MARKER & HALO FUNCTION WITH LOW BEAM: Combine the separate yellow wire (Marker function) and red wire (Halo function) to the provided Male Spade (MS) electrical connector. Plug the MS connector into the black wire socket of the 3 wire OEM plug. (Diagram 3b)

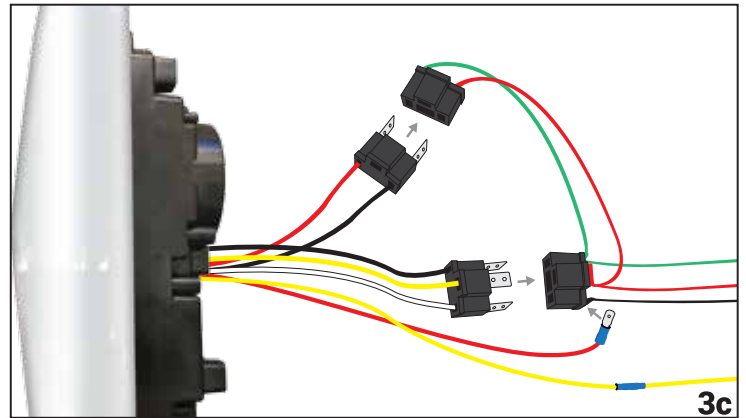
HALO & TURN SIGNAL FUNCTION WITH LOW BEAM: Daisy chain the yellow wire to a turn signal light (eg. The side light on the headlight housing). Attach the MS electrical connector to the red wire (Halo function) and connect the MS into the black wire socket of the 3 wire OEM plug. (Diagram 3c)



MARKER & HALO FUNCTION WIRING CONFIGURATION

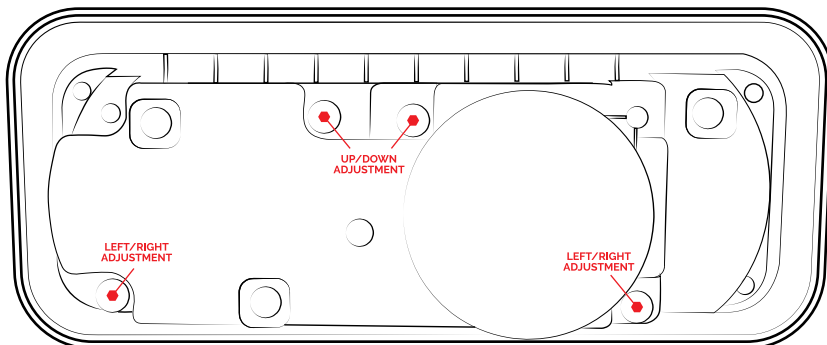


TURN SIGNAL & HALO FUNCTION WIRING CONFIGURATION



4) ADJUST THE HEADLIGHT BEAMS

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



PROVIDED 4mm SOCKET DRIVER

UP/DOWN HEADLIGHT ADJUSTMENTS



LEFT/RIGHT HEADLIGHT ADJUSTMENTS



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 8 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.

