BusBuster

MY2025+ RAM
LinBuster
Tail Lights LIN Interface
Installation Manual

Introduction

This manual describes the installation of the LinBuster interface in a RAM 1500
(model year 2025 and newer).

ONLY FOR HIGH-TRIM MODELS WITH LED TAILLIGHTS
For lower trim models equipped with halogen taillights, this interface is not required.
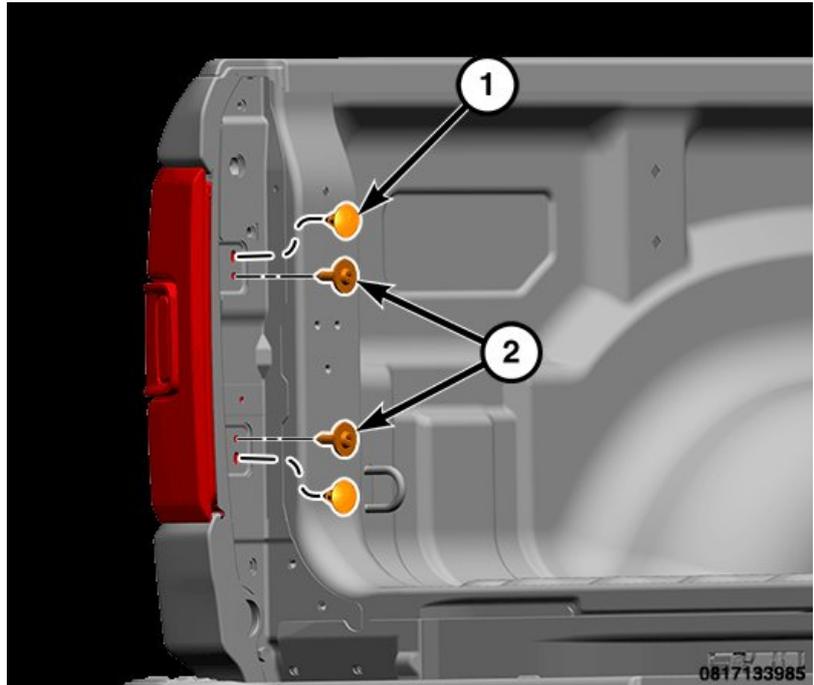
Functions

- Removes turn signal blinking from the brake light.
- Disables the reverse light function on the original reverse lamp.
- Relocates the turn signal to the reverse light.
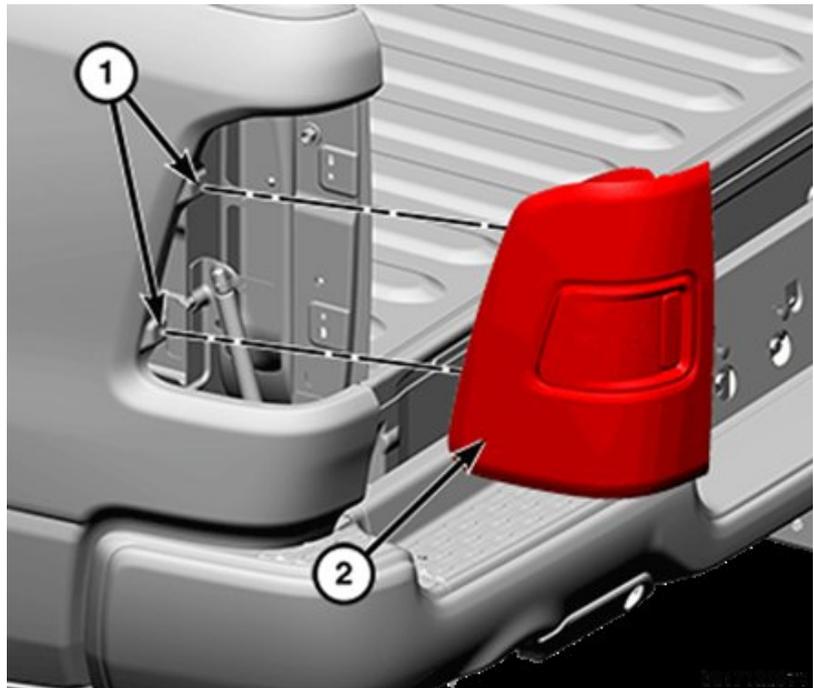- Sleep mode with ultra-low power consumption (approx. 40 µA / 0.04 mA).

Installation

Remove the taillights.

- Open the tailgate.
- Remove the 2 screws and 2 fastners.

- remove the tail lamp unit by pulling straight towards the rear of the vehicle.

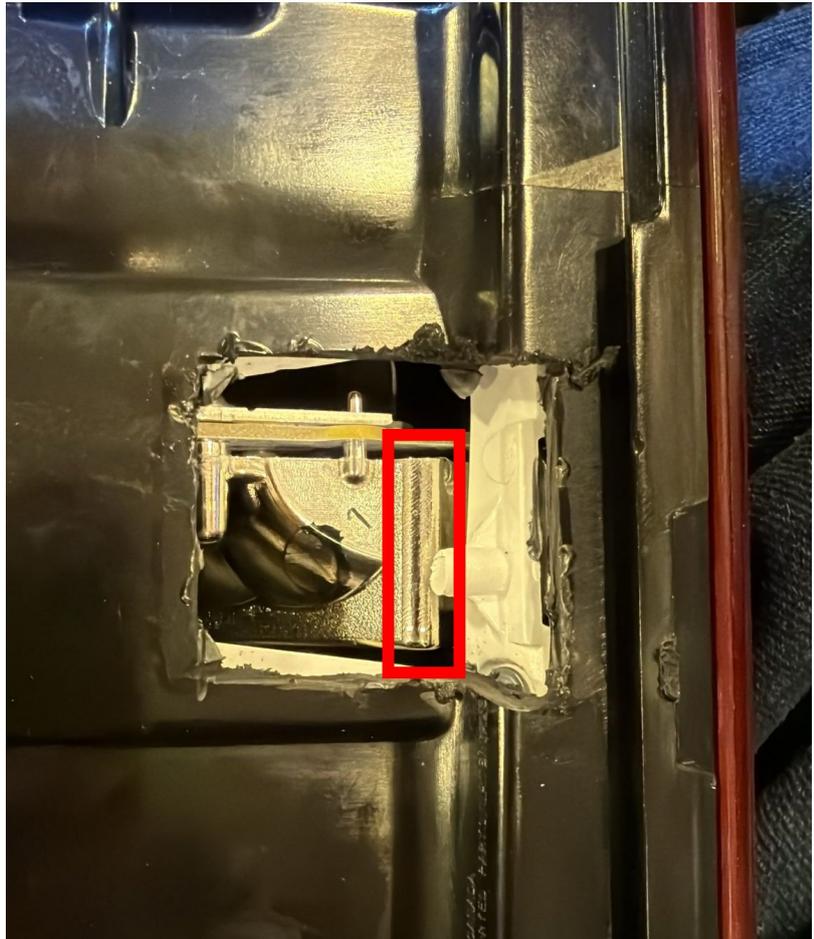- Disconnect the wire harness connector.

Installing the amber filter

- Place the lamp unit on a clean, soft surface.
- Mark this area and cut it away using a cutting tool.

- Create a small opening in this plastic part.
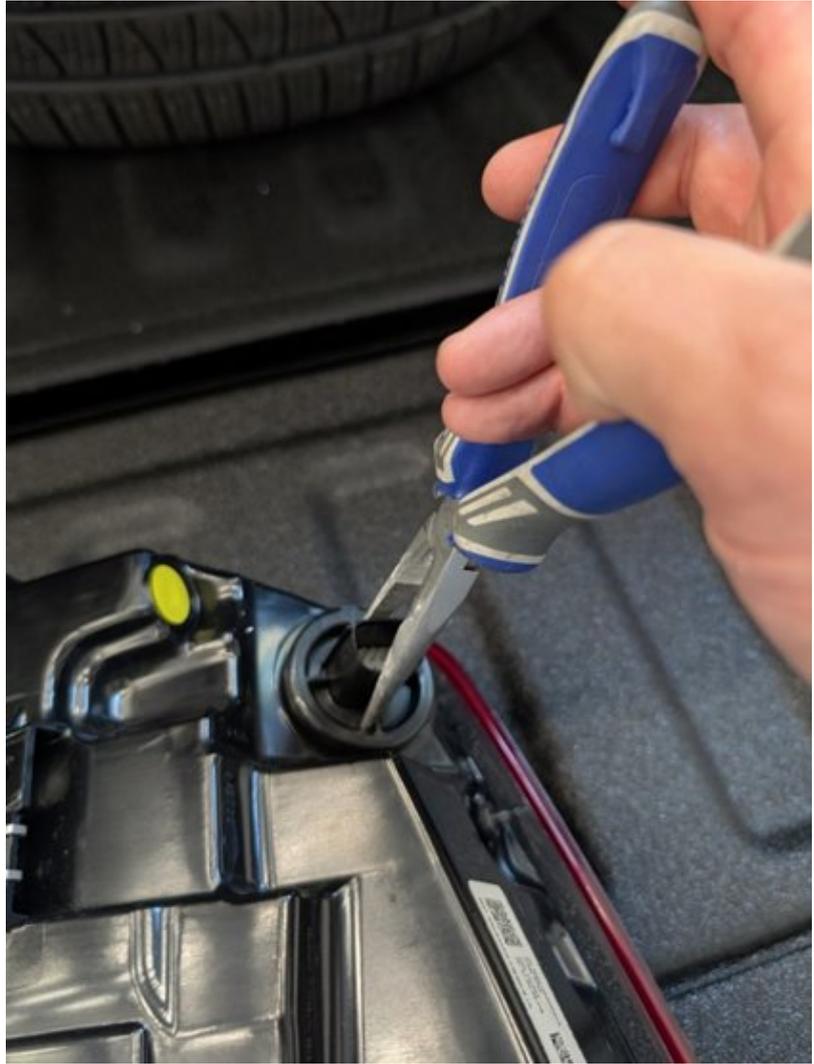- Slide the amber filter into the reverse light position.

- Use black water-resistant sealant to close the openings.
- Make sure the assembly is fully waterproof.

Preparing the connections

- Open the connector locking ring by rotating it counter-clockwise
  using needle-nose pliers.
  This will require some force and will produce a clicking sound.

- Pull the connector out.
- Remove the plastic sticker around the cable.

- Use a wideband wire stripper to partially strip the Yellow and Red wires.
- Cut the green wire, and strip both ends.

Connecting the interface

- Cut and isolate the unused Blue and Purple wires.
- Connect the interface wires as shown below.

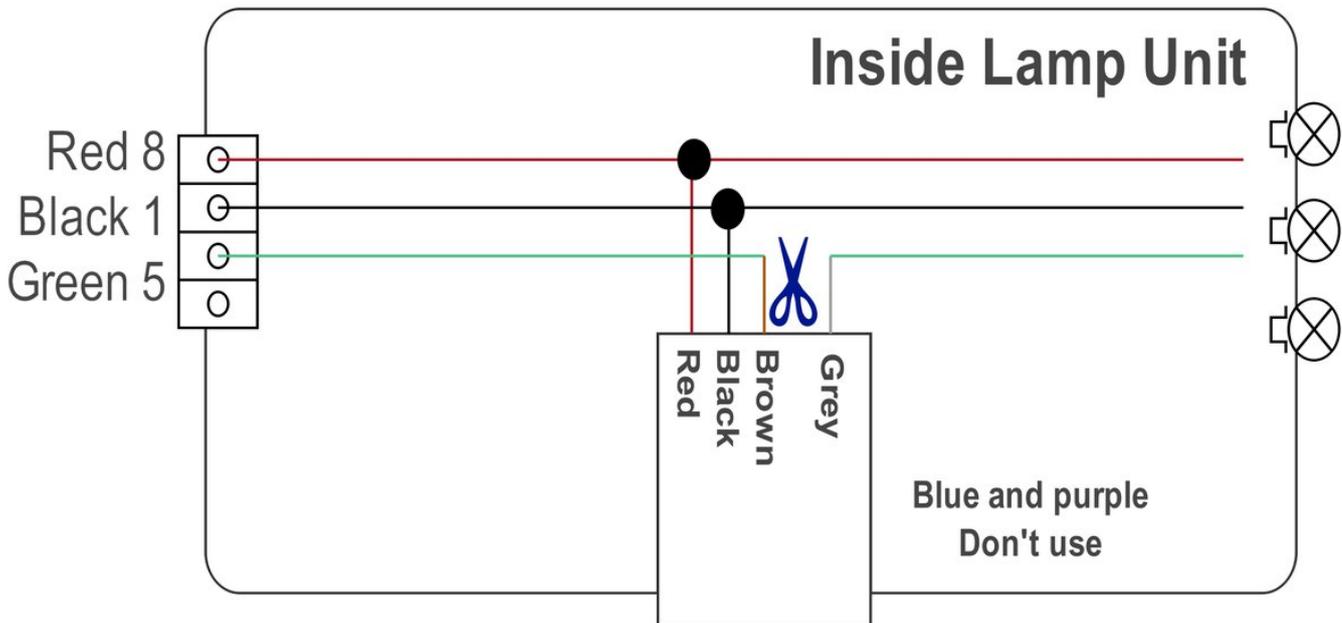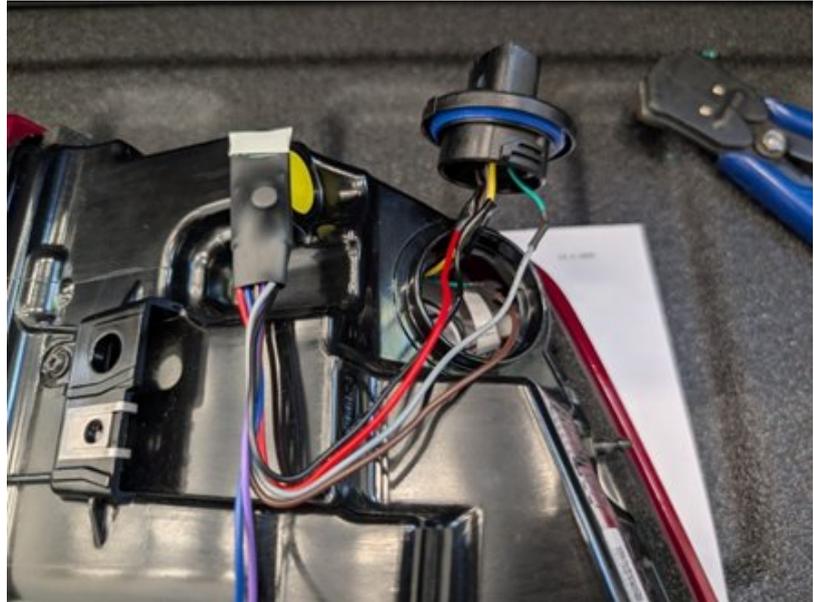| Interface	Lamp Wires
Red	Red
Black	Yellow
Brown	Green (lamp side)
Grey	Green (connector side)

Figure 1: Connection Diagram

Remounting

- Insert the interface into the lamp housing.
- Reinstall the connector by twisting it clockwise until locked.
- Reinstall the lamp assembly.

No coding is required.
Do not forget to install an additional reverse lamp.