

CM Truck Beds

Update

June 2025

CM Truck Beds is excited to announce the launch of the new Smoked Lens with Halo Effect (SLH) LED Lighting System, across all models of flatbeds within the CM product offering.

The new SLH lighting system is working exceptionally well across all OEM's, with the exception of the 2025 model year Ram.

Both, the 2025 Ram chassis cab and box-removal models, have been engineered with a lower than average Upper Amperage Parameter on the parking lamp circuit, which will prevent the new SLH lighting system from working properly.

Because of this limitation, it is required to remove the "Halo" function from the (4) reverse lights on the flatbed. All other smoked lenses and halo effects will work as designed.

CM is currently offering resources and feedback to Ram to encourage the elevation of the Upper Amperage Parameter of the Parking Lamp Circuit, so that the entirety of the SLH lighting system can be utilized across all Ram Truck models.

Until that time, the following process should be followed to utilize this new lighting system on Ram chassis and box-removal models:

Approximate time required: <10 Minutes

Step 1

If the CM flatbed is already installed on the host vehicle, make sure that the vehicle is turned "OFF" and in "PARK", or is otherwise secured and safe to perform the needed repair. If not on a host vehicle, make sure that it is located in/on an environment that is safe for the technician performing the following steps.

Step 2

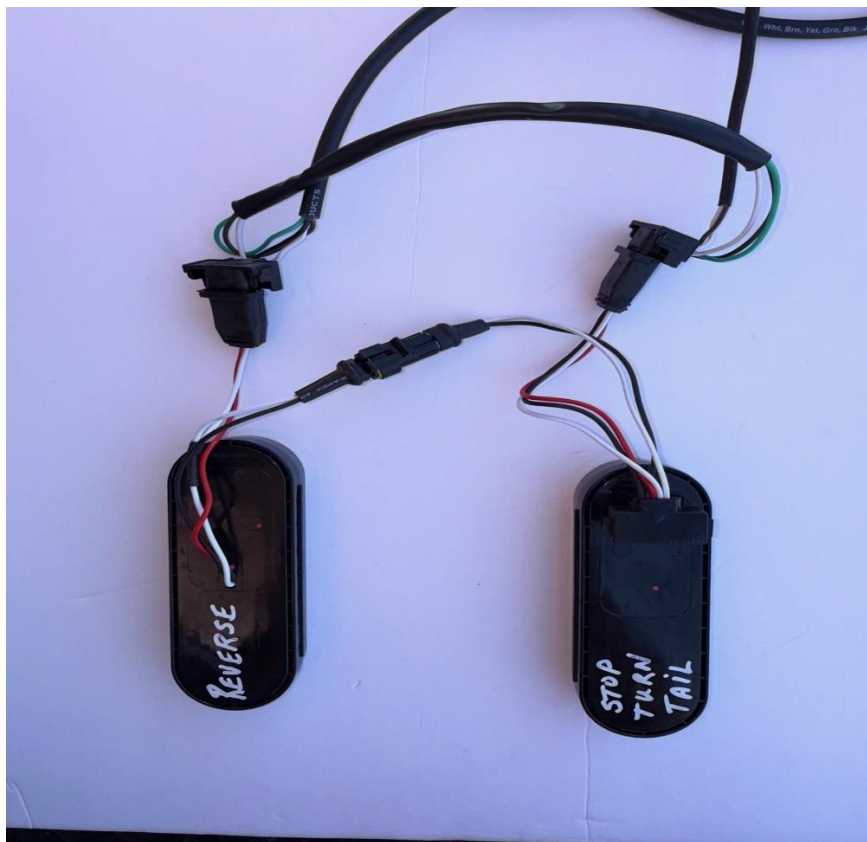
Remove all (4) of the reverse bulbs from the rubber grommets that hold them in place. (It is not required to completely unplug from the main harness)

NOTE: To achieve the “HALO” effect on the Reverse lights, 12 Volt DC power was gained from the adjacent Stop/Turn/Tail (STT) light by using a “Two-wire pigtail” harness with a two-prong connector

***** This “Pigtail” is built into the actual bulbs, not the main wiring harness*****

Step 3

Beginning at whichever reverse bulb you prefer, locate the pigtail harness on the Reverse bulb that contains the black and white wires with the two-prong connector that joins it to the adjacent STT



Step 4

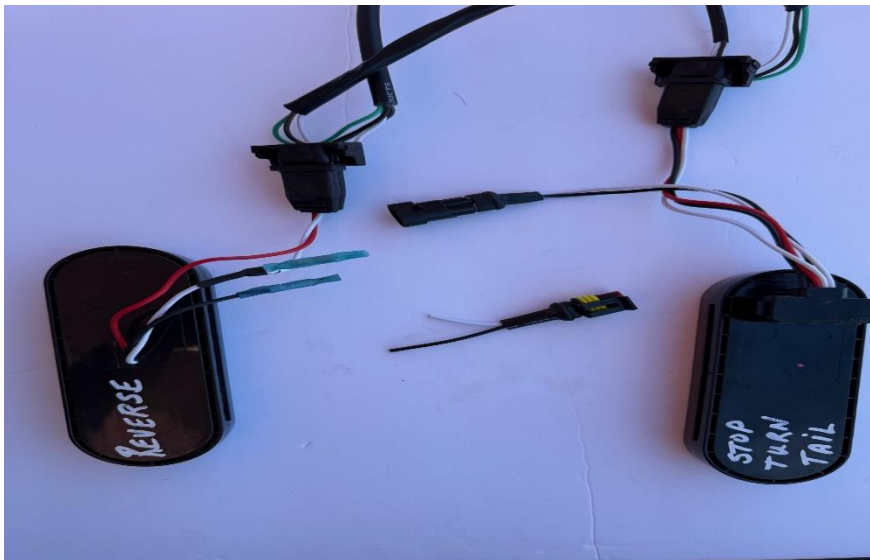
Disconnect the two-prong connector



Step 5

Starting at the male portion of the two-prong connector (attached to reverse bulb), follow the white and black wires back towards the reverse bulb, CUT both the black and white wires.

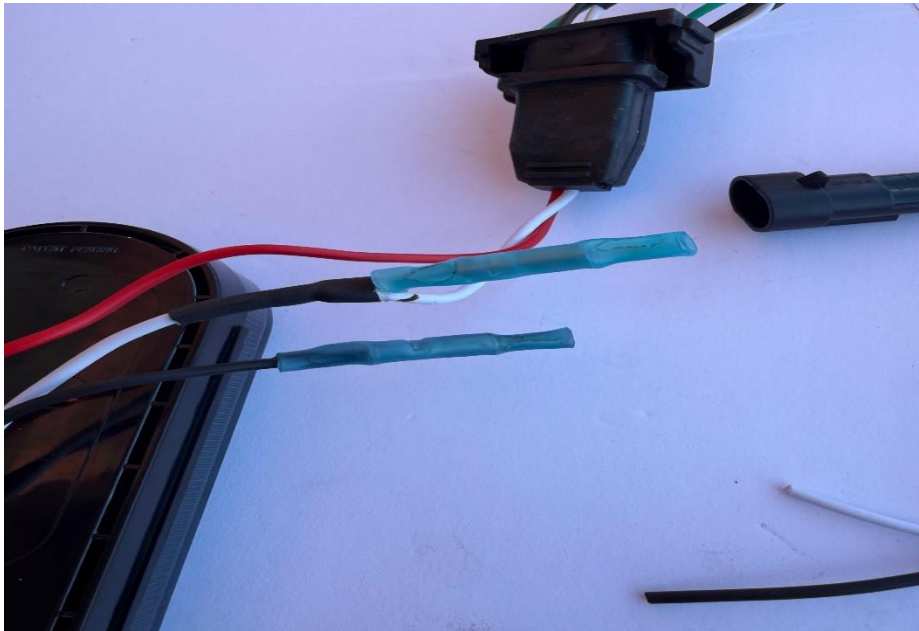
NOTE: Always leave an adequate amount of wire protruding from the plastic bulb or junction location. This allows for future reattachment of the two-prong plug, in the event that the flatbed is changed to a different vehicle, etc.



Step 6

Attach termination ends to the black and white “CUT” wires that are still protruding from the reverse light bulb plastic housing.

NOTE: Removing the two-prong male plug and attaching termination ends will ensure that the end-user will not remove a bulb in the future, see that there is a pigtail harness that is not connected, and the plug it back in. If this were to happen, the Upper Amperage Parameter for the Parking Lamp Circuit will be exceeded, causing the Body Control Module to perform a “circuit shutdown”, leaving the vehicle without proper exterior lighting.



Step 7

Place the reverse light bulb back into it's rubber grommet, making sure that it is secure.

Step 8

Repeat steps 3-7 on the remaining (3) reverse light bulbs.

Step 9

When installed on it's host vehicle, test the park lamp circuit and the reverse lamp circuit for proper operation.

As mentioned above, the SLH lighting system works as designed on all other OEM models.

If any problems were to be experienced, please reach out to CM Technical Support as listed below:

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Director of Technical Support and Training

CM Truck Beds

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