

TRAVATO/PROMASTER HEADLIGHT BULB REPLACEMENT

Roger Bohnke – Sep 2018

There are several helpful videos available. I've listed two of them at the end under references. Sometimes it can be hard to see all the details of the parts and steps in a video. This document provides a step-by-step look at the process with lots of pictures. This work is on a 2017 Travato/2016 Promaster chassis.

Tools: Phillips Screwdriver, Socket wrench with extension and 10mm socket, trim removal tool, container, H7 Bulb and gloves.



Upper Trim Piece Removal:

Remove 2 twist-off screws from upper trim panel. One has already been removed in this picture.



Lift front of upper trim panel. You'll feel two clips give way. Continue tilting the front up till the back slides out. Lift front and slide it out so as to not break off the back tab.



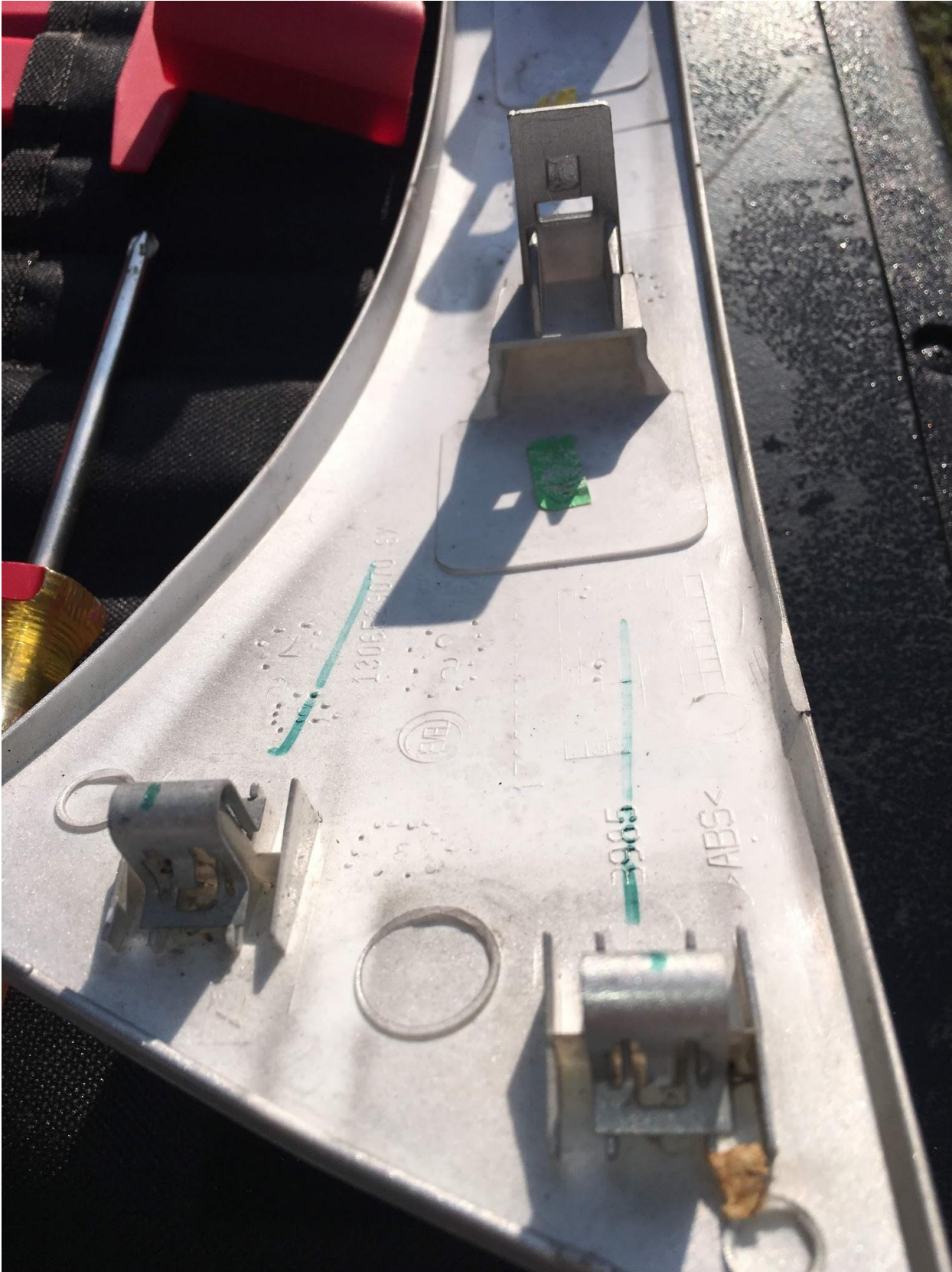


Lower Trim Piece Removal

Here are the two clips you need to be most concerned about. Note that the clips face away from the center of the trim piece.



This is the wide (or rear) part of the lower trim piece showing the two push-in retainers and the upper clip. When you remove the trim, one or both of the metal retainers may stay in the holes. Pull them out and put them back on the trim piece so you'll be ready for reassembly.



Remove screw from lower trim piece.



Use a wide, flat trim tool to pop loose the two tabs at the upper end of the lower trim piece. Just push it straight in and lean the trim tool toward the back a couple of times. The tabs will loosen and then release.





Once the upper tabs are loose, the rear most clip of the two in the middle will release with a little side to side movement. The last tab, the front center one, was more persistent. Just move the front of the trim piece out as much as you can without twisting it too much, and gently push the entire trim piece toward the back. This will eventually release that last tab and the trim will be free.



Headlight Assembly Removal:

Headlight assembly has 3 bolts you need to remove -two from the bottom and one on top.





Top headlight assembly bolt:



Wiggle headlight assembly and it will slide right out. Careful. It is just connected by one wiring harness at this



point.

Press on the clip on the top of the harness to remove the connector.



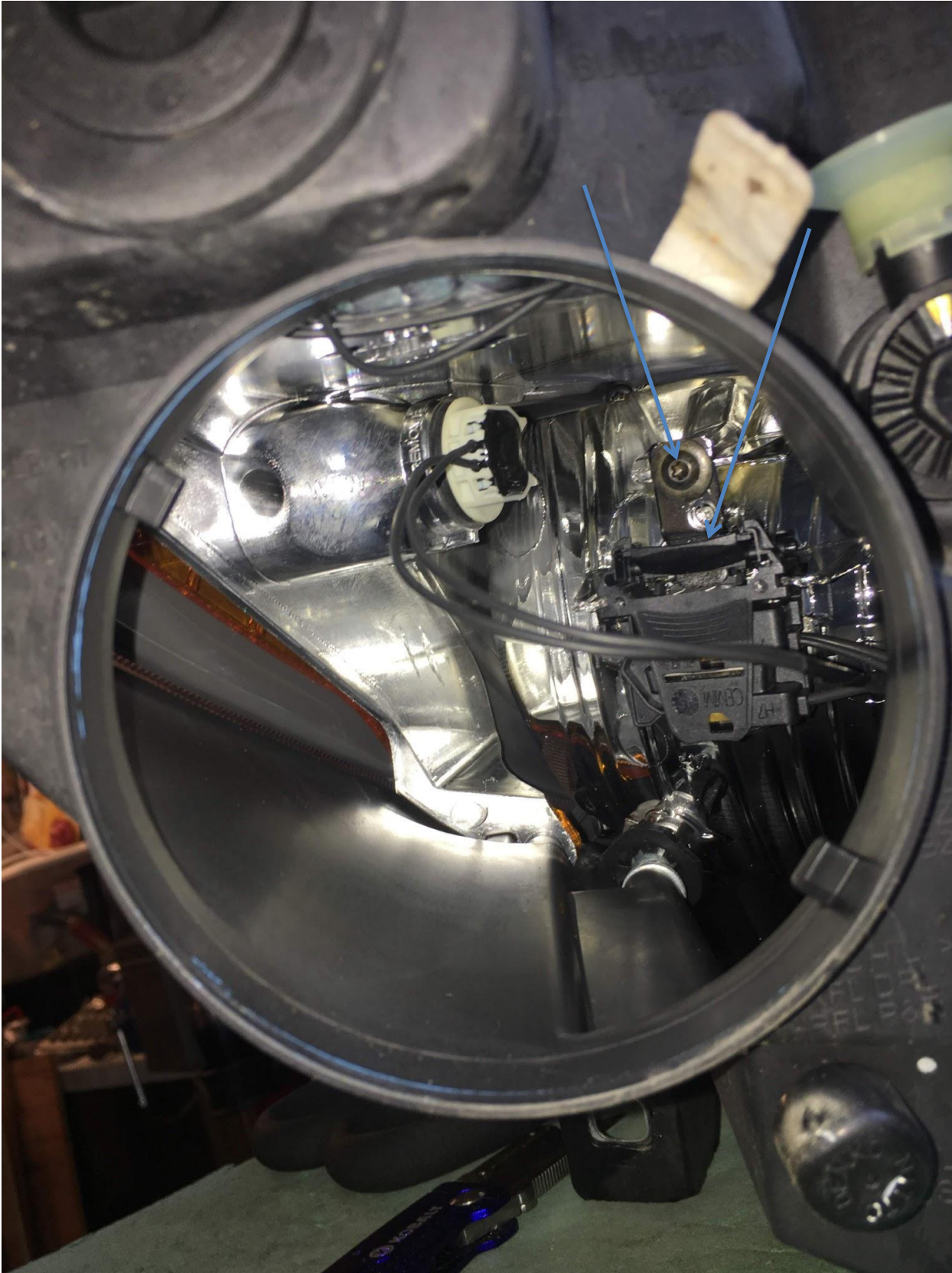


Back of headlight assembly. Turn the appropriate port cover to access the burned out light.





There is a clip on top of the unit that holds the light. Press the clip down while pulling, and the unit will slide back along its lower rails. DO NOT remove that star screw unless you like electronic jigsaw puzzles!







HSG: >PP D40<
CAP ACCESS: >PC-HT<
LENS OTR: >PC<
LENS INR: >PC<
LENS REFLEX: >PC<
BZL MAIN: >PC<
BZL DEC: >PC<

RFL H/L: >BMC<
RFL DRL: >BMC<
RFL P&T: >PC-HT<

DRL: T-20 (SAE)
BULB POS: W5W (ECE)

HSG (ECE)
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HSG: >PP D40<
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BULB DRL: T-20 (SAE)
BULB POS: W5W (ECE)

HSG (ECE) 3005
HSG (SAE) 3005



H7

B2



12 V 55 W



Original equipment quality

Standard

PHILIPS

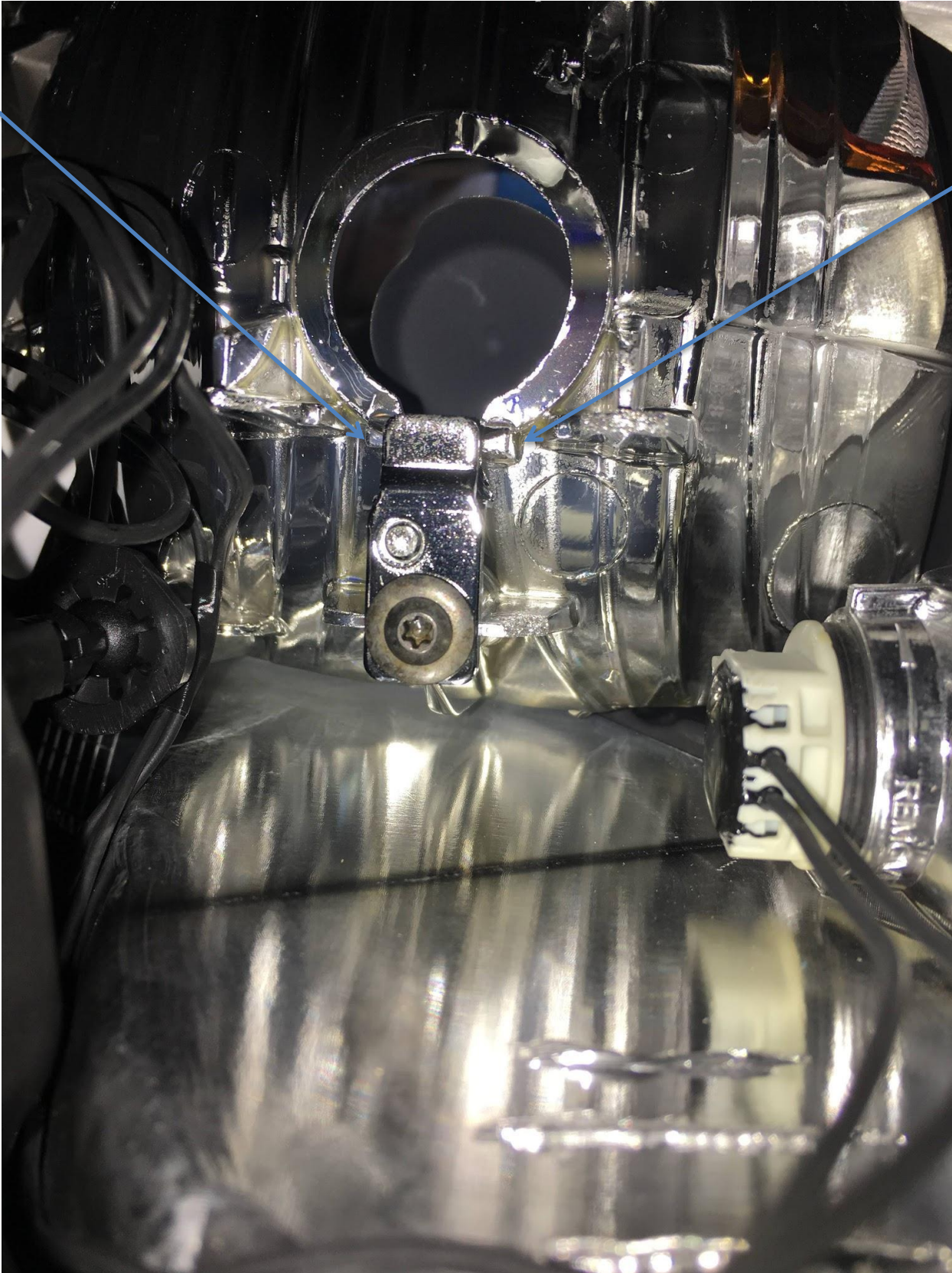
Burned out bulb is on the right.

Wear gloves! Halogen bulbs burn hot and the oils from your skin will destroy them.

Insert the new bulb.



Note the two protrusions on the rectangular piece at the bottom of the light bulb hole. These are the “rails” you will use when inserting the bulb holder back into the headlight assembly. It will snap into place.



Reassembly:

Put the entire assembly back in place and reconnect the wiring harness. Re-install the 3 bolts.

Top Trim: Slide the top of the top trim piece into place. The two yellow clips just you see below snap in with a gentle push on the face of this trim piece. Reinstall the two hand turn screws.



Lower trim: Carefully push the trim back into place. I started from the front and worked to the back. Everything snapped in easily. Reinstall the screw. These photos just provide a detailed look at the receivers for the lower trim piece clips.





Oh yes, if you're wondering why the tape is there, that was so I didn't make a dumb move and accidentally replace the wrong bulb!



FINISHED!



REFERENCES:

Israel Anderson on how to get the lower trim piece off easily. This post contains an excellent video. You do need to join the RAM Promaster Owners FB group to see this.

<https://www.facebook.com/groups/140882716333661/permalink/397756870646243/>

David at motorcity mechanic shows the disassembly process:

<https://youtu.be/cdPF1I98IXU>

The trim tool set I used: <https://www.amazon.com/dp/B01JKDJNCS/>

