



VW T7 & New Transit Custom HALO Installation Guide

1. General Notes

The new vehicles are more complicated than the older generation, so they require more work to fit. All parts are cut and ready to fit.

2. Pre-Installation Actions

- Wire in your spot lights and feed for the HALO light.
 - The HALO light has a hole on each side so you can feed the cable from either direction. We normally feed from the passenger side and leave the cable hanging above the sliding door.
 - Fit the HALO LED strip and leave the cables long so they can be routed to the area above the sliding door where your feed cables are already positioned.
 - Fit the HALO roof panel and let it hang slightly above the sliding door to allow the cables to be connected to the HALO strip.
 - Once terminated, push all cables above the HALO roof panel before final fitting. This is just our method — you can adapt it to suit your setup.
 - **Rear Alarm Sensor Modification** - Remove the rear alarm sensor at the centre rear of the vehicle.
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3. Vehicle Preparation

Passenger Side B-Pillar

- Behind the top of the seat belt panel there is a cable clip which needs to be removed.
- Cut out the clip above the side curtain airbag to allow the cable to move and create space for the roof panel.

Driver's Side (Between C and D Pillars)

- There are three plastic cable clips at the rear driver's side.
 - Remove these and move the cable upwards to avoid clashing with the roof panel.
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4. Filling Gaps at the B-Pillar Headlining

Four pieces are supplied:

- **2 × 12mm rear wings:**
 - Suede line the roof panel first.
 - Screw these through the two pre-drilled holes from the rear of the roof panel.
 - These sit just behind the headlining panel once the roof is fitted.
- **2 × 5.5mm front wings:**
 - Carpet line these pieces.
 - Offer them into position over the gap and screw them into the already fitted 12mm wings.

Important: Some vans have headlinings positioned slightly differently during production. Always dry-fit the pieces after the rear wings are installed to confirm if any trimming is required before lining.

5. Preparing the Roof Panel

- The roof panel will arrive with the rear 12mm pieces pre-fitted.
- Line the panel with suede. If you choose carpet, make sure it is not too thick because the fit is snug.
- Fit the 12mm HALO pieces using the pre-drilled 5mm alignment holes at both ends.
 - Offer the 12mm piece up to the roof panel.
 - Insert a 5mm drill bit through the 12mm piece into the matching hole in the roof panel.
 - Align one end and secure with a 25mm screw.
 - Align and secure the other end the same way.
 - Insert all remaining 25mm screws through the countersunk holes to fully fix the 12mm sections.
- Fit the LED strip around the 12mm HALO section and leave the ends long enough to reach your pre-installed cabling.

6. Fitting the Roof Panel in the Van

- With a second person, offer the roof panel up to the vehicle.
- Align the six centre holes with the factory holes in the roof.
- The cables above the sliding door for the HALO LED now need to be connected and pushed up behind the roof panel.
- Push the panel firmly up against the roof spar and insert a short clip.
- Move to the next hole and repeat until all six are clipped in.

7. Fixing Into the Roof Spars

- Locate the sets of two 5mm holes spaced 40mm apart — there are six sets.
- Use a 3mm drill bit to drill through the 5mm holes into the vehicle's metal roof spar.
- Use the supplied 45mm screws to secure the roof panel in all six positions.

8. Fitting the HALO Trim Pieces

Side Trim Pieces (5.5mm)

- Carpet line each side piece.
- Insert the long fir-tree clips from the rear.
- Offer each piece up to the roof and align the clips with the holes in the 12mm HALO section.
- Once aligned, press firmly until fully engaged.

Rear Trim Piece (5.5mm)

- Test-fit before carpeting.
 - It should fit between the two side pieces with around a 2mm gap each side to allow for the carpet thickness.
 - If it's too tight, push the side pieces apart or trim a couple of millimetres from each side.
- Once satisfied with the fit, carpet line it, install the fir-tree clips, and secure in place.

9. Rear Alarm Sensor Modification

- Locate the previously removed rear alarm sensor.

- Split the plastic holder by undoing the clips; discard the rear half.
 - Drill two screw holes into the remaining front half of the holder.
 - Screw this into the HALO roof panel opening with the 2 x black screws supplied.
 - Optionally spray the plastic black if the original colour is light grey.
 - Make sure the cable has enough length before fitting — it may be tight and require pulling through a little extra slack.
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10. Final Step

- Fit the front wings to cover the remaining gap in the headlining.
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