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## SQUARE-TO-ROUND-GRILLE

### Square-to-Round Headlight Grille – Vanagon [86-91]

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#### 1986-1991 VANAGON INSTALLATION INSTRUCTIONS

1. Remove the original grille and headlight assemblies.
2. Install the new round headlight buckets using the self-drilling screws. You will need to transfer the upper, outer grille mounting clips from your original headlight assembly to the new ones. Pry/squeeze the small tabs on the upper and lower edges to release them.
3. **For LED headlights:** Use the included adapters to convert from the 9004 plug to the H4 plug.
4. **For halogen headlights:** Wire the headlights directly to the new H4 plug, instead of using the adapter, with 6 heat-shrink butt connectors for 14-16 AWG wire:
  - a. Cut off the stock outer headlight plugs (leave the inner plug alone), leaving only 3 wires on each side (leave as much length on those 3 wires as possible). Strip ¼" off the ends.
  - b. Crimp the ground wire of the new connector to the brown wire of the vehicle.
  - c. Crimp the high beam wire of the new connector to the white wire of the vehicle.
  - d. Crimp the low wire of the new connector to the yellow wire of the vehicle.
  - e. The connectors use an adhesive-lined heat-shrinkable insulation. Use a heat gun, lighter, or hair dryer to shrink them down and create a weather-tight seal.
5. Tuck the H3 (inner headlight) plug away. You can also wrap it with electrical tape to keep it safe from the elements.
6. If you are also installing the high power headlight kit, now is a good time to install the new bulbs. **Do not touch the glass part of the bulbs with your fingers.** Fingerprints will trap heat and cause premature bulb failure. If you do touch the bulb, wipe it clean with a little rubbing alcohol on a clean cloth.
7. Install the headlights (either LED or halogen) within the ring on the headlight buckets. Add the plastic lens protectors (not needed for the LED headlights because they already have an impact-resistant, heavy-duty polycarbonate lens).
8. Test and adjust the headlights.
9. Transfer the screws from your old grille by removing the rubber donut from the inside. After inserting the screws in the new grille, reuse the rubber donuts to prevent losing the screws.
10. Install the new grille.