

# Kenworth T-800 Hood Repair

KEN T800

## Instructions for KEN T800 Hood Repair Kit



Congratulations on your purchase of Polyvance's Kenworth T-800 hood repair kit for patching and reinforcing damaged hood mounts. With proper installation, this economical repair will last for years, saving you the cost of replacing and installing a new hood. Go to [www.polyvance.com](http://www.polyvance.com) to see a video of the repair process.

### **Kit contents:**

- KEN001 One pair of right & left aluminum hood pocket reinforcement plugs.
- KEN002 (2) Steel reinforcement plates
- 2510 (2) 200 mL Tubes of PlastiFix High Performance Adhesive
- 2510-01 (2) Mixer tips for 200 mL cartridges
- RIV1 (10) - 3/16" (dia) x 1/4" (L) Aluminum rivets
- BOLT1 (6) 5/16" x 1-3/4" Bolts
- NUT3 (4) 5/16" Lock Nuts
- WASH1 (8) 5/16" Washers
- SCREW3 (2) #10 flat head screws

### **Tools required:**

- 5/16" Drill Bit
- 3/16" Drill Bit
- 1/8" Drill Bit
- #2 Phillips Head screwdriver
- 50 grit Roloc Disks and Roloc sander
- 60-80 grit Sandpaper
- Blind rivet gun for 3/16" blind rivets

### **Instructions:**



Clean both pockets and the surrounding area where the plate will be bonded in the hood with 1001-4 Eco-Prep Plastic Cleaner.



HAND SAND the inside of the pockets with 60 to 80 grit sand paper to roughen the surface and remove ALL paint.



Grind the flat area where the plates will be bonded with a 50 grit Roloc® disk, then blow dust free.



Clean the outside of the reinforcing plugs with 1001-4 Eco-Prep Plastic Cleaner.



Thoroughly grind the outside surface of the plug with a 50 grit Roloc® disk to make the aluminum receptive to PlastiFix® adhesive.



Grind the paint off of one side of the bearing plate to improve adhesion. Blow dust free. Do not clean with 1001-4 Eco-Clean.

**Polyvance**  
ADVANCING POLYMER REPAIR

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Drill a 1/8" pilot hole into the plastic using the middle plug hole as a guide. Use the correct DRVR or PASS plug, they are different!



Generously coat the plug and socket with enough PlastiFix adhesive to fill any gaps between the plug and the pocket.



Spread the adhesive evenly over the plug and inside the socket. Working time is about 15 minutes at room temperature.



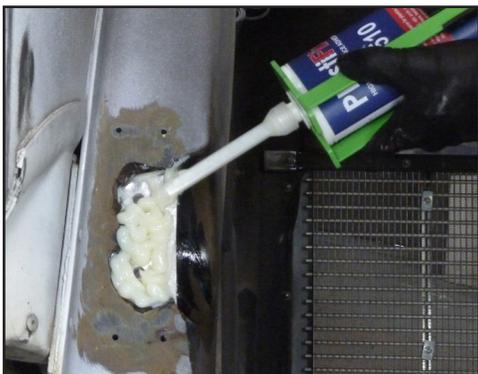
Install the plug & use a #10 wood screw to secure the plug in position. Wipe up excess adhesive with a gloved finger or spreader.



Using two 5/16" x 2" bolts as a guide for the bearing plate, drill the first 3/16" rivet hole into the hood. Note: The plates are identical.



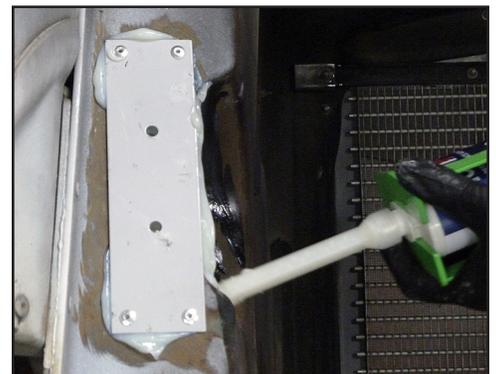
With a rivet temporarily placed in the first hole as a guide, drill the remaining rivet holes. Remove the plate, bolts, and rivet.



Fill the broken-out area on the side of the plug with adhesive, then coat the sanded side of the bearing plate with adhesive.



While pushing firmly down on the bearing plate, rivet the plate into place using four 3/16" rivets, one in each corner.



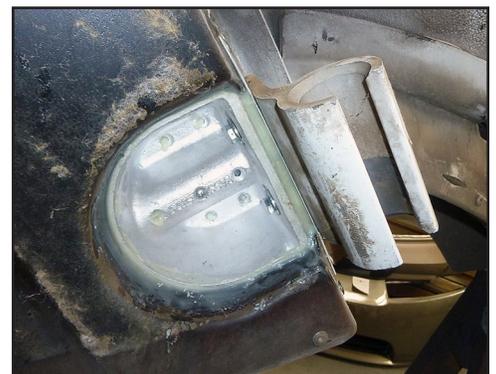
Fill the gap between the plate and the plug completely with PlastiFix. Clean up excess with a gloved finger or body spreader. **Let cure for 2 to 4 hours minimum at 70°F.\***



Re-drill the bolt holes with a 5/16" drill bit.



Install the hood brackets using the supplied 5/16" x 1-3/4" bolts, nuts, and washers. Use a flat washer under both the bolt head and lock nut.



A job well done and ready for the road. Congratulations, you just saved a lot of time and money!

\* Maximum strength achieved in 24 hrs at room temperature. See TDS for details.