

KEN T880SFA Installation



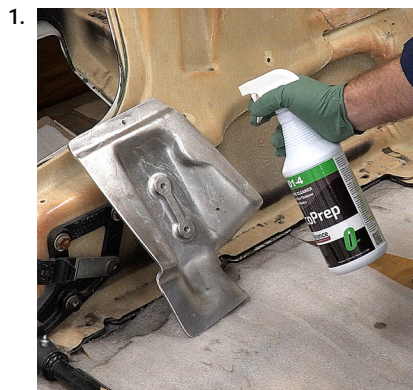
Scan to watch the installation videos at polyvance.com

KEN T880SFA

Tools and supplies required:

- 1001-4 EcoPrep® Plastic Cleaner
- Medium strength thread locker
- 6118 Dual cartridge dispensing gun
- 24 to 50 grit Roloc® Discs
- 90 deg air grinder for Roloc® Discs
- #2 phillips head screwdriver
- Angle drill
- 5/32", 1/4", 3/8", 13/32"* drill bits
- 60 grit or coarser sandpaper
- SAE and Metric sockets
- Induction heater or torch*

*only needed for precautionary installations where fork is not already torn from the hood.



1. Clean the aluminum casting to remove any production oil residue.



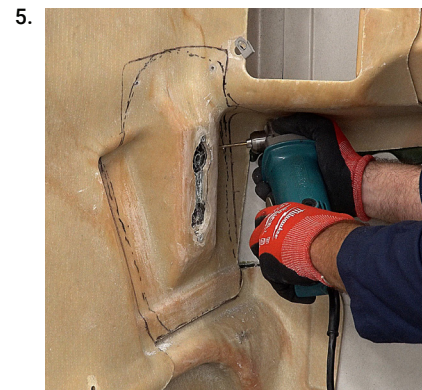
2. Clean the damaged area of the hood. Dry completely.



3. Place the casting over damaged area and trace the casting. Mark all holes in the casting flange



4. On preventative installations, remove the bolts then heat the fork until the adhesive is soft, pry off. Trace the paper template and grind the fiberglass down to the metal plate.



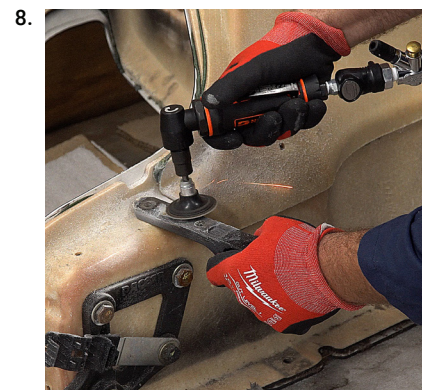
5. Drill the three upper flange holes where previously marked using a 5/32" drill bit.



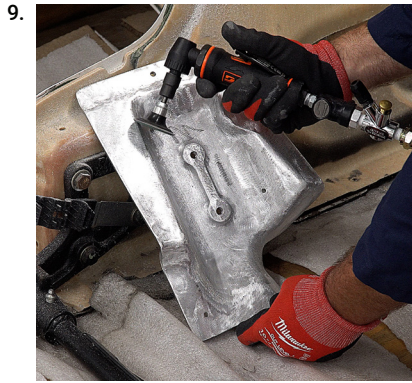
6. Sand the hood with the Roloc® disc.



7. Hand sand any areas missed using the Roloc® disc on both the hood and aluminum casting.



8. Sand the fork to remove all traces of the OEM adhesive and fiberglass.



Using the Roloc® disc, sand the casting where it will contact the hood. Also sand the surface where the fork mounts to the casting.



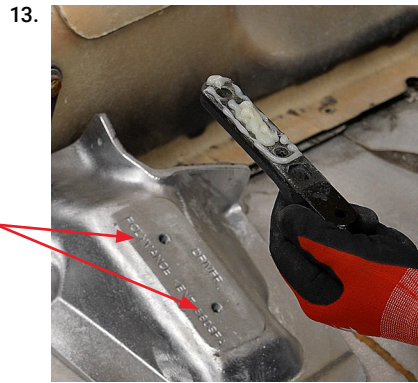
Loosely screw the casting in place to help keep it aligned while drilling the 1/4" hole for the elevator bolt.



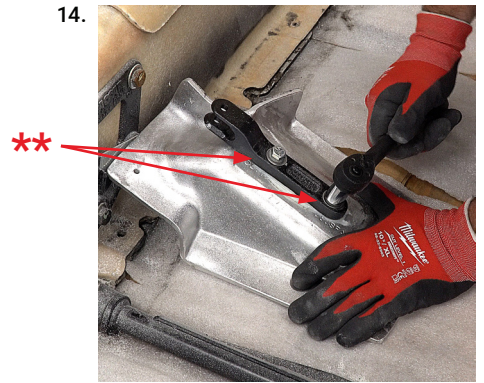
Carefully drill a 1/4" hole through the hood, using gentle pressure and high speed to prevent tear-out on the outside of the hood.



Counter-bore the 1/4" hole, 1/4" deep with a 3/8" drill bit to provide clearance for the bolt's shoulder. Tap the elevator bolt with rubber washer into the hole.



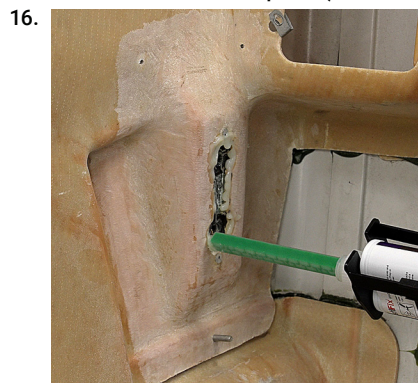
Apply adhesive to the fork where it mates with the casting. On preventative repairs, wait to do this until after the casting is screwed and bolted in place (w/adhesive).



Install the fork to the casting using the supplied bolts (with blue thread-locker), lock-washers, and flat washers. On preventative repairs, OEM bolts are used.



Apply a very generous amount of 2510 PlastiFix to the back of the casting.



On preventative repairs, apply a bead of 2510 PlastiFix to the edge of the plate. On repairs, bond as much of the OEM hood in place. There should be NO adhesive left-over!



Screw the casting to the hood. On preventative repairs, the OEM bolts should be installed before tightening the screws and elevator bolt.



Snug the nut on the elevator bolt. Put threadlocker or a dab of 2510 on the threads to keep it from loosening.

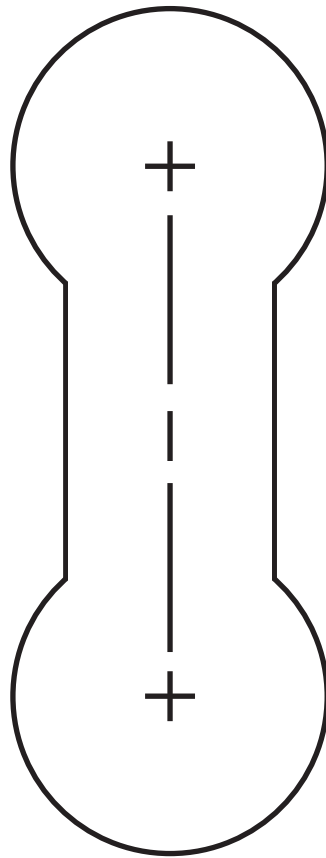


Using a gloved finger, smooth any squeeze-out. Let cure 24 hours before installing the hood onto the truck.

* On preventative installations, drill these holes to allow clearance for the OEM fork bolts. Due to variations in the hoods and castings, ovalizing the hole may be required for the bolts to align with the OEM reinforcing bracket's threaded holes. DO NOT USE the bolts included with the kit for this type of installation, the two are not interchangeable.

** On preventative installations, install the OEM bolts, lock-washer, and flat washer after step 18. Be sure to coat the bolts with blue thread locker to prevent them from being glued in place.

**KENWORTH T880 SHORT FORWARD AXLE HOOD
CUT TEMPLATE**



- Carefully cut out template along the solid line.
- Center the paper template's cross hairs over the bracket mounting holes in the hood.
- Mark the area to remove to make clearance for the reinforcing plate's bolt boss.
- Remove just enough material to allow the reinforcing plates to fit flush on the hood surface, radius the edges of the cut slightly.