

PB579ST Strut Mount Installation



Visit <https://www.polyvance.com/Kenworth-Hood-Repair-Kits/PB579ST/> to watch the installation videos.

PB579ST

Tools and supplies required (not included):

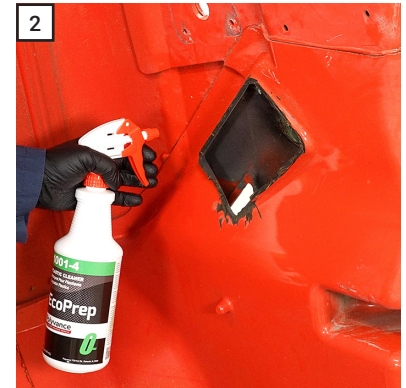
- 1001-4 EcoPrep plastic cleaner
- 6118 Dual cartridge dispensing gun
- 24 to 50 grit Roloc™ discs
- 90 deg air grinder for Roloc™ discs
- #2 Phillips head screwdriver
- 5/32", 1/4", 3/8" drill bits
- Drill
- 60 grit (or coarser) sandpaper
- Medium strength thread-locker
- Permanent marker
- Organic vapor and dust respirator
- Work gloves
- Nitrile Gloves

Kit Contents:

- 1 each - Driver and passenger side castings
- 2 - 2510 Plastifix 200mL cartridges w/mixers
- 8 - #10 x 1" screws
- 2 - 1/4-20 elevator bolts, nuts, & rubber washers.



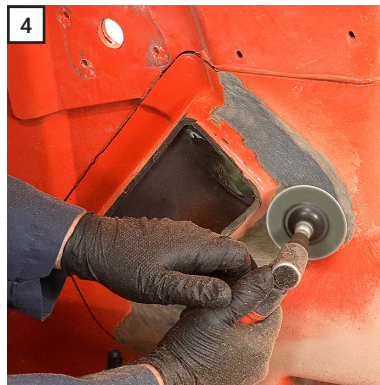
1 Clean the aluminum casting to remove any production oil residue using 1001-4 EcoPrep plastic cleaner.



2 Clean the damaged area of the hood with 1001-4 EcoPrep plastic cleaner. Dry completely.



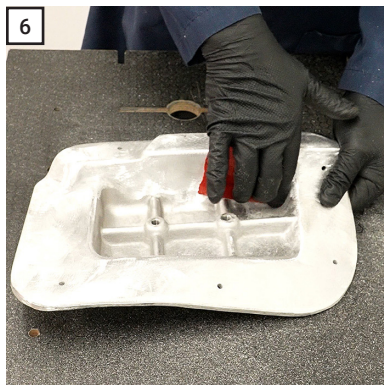
3 Test fit the casting. Grind or sand the interference areas of the hood or casting with a Roloc™ disc or a die grinder. Trace the outline of the casting onto the hood.



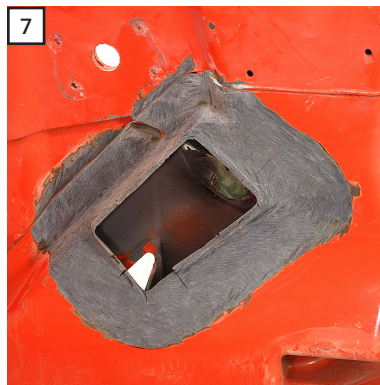
4 Sand away all paint and oxidized plastic within the traced area. Hand sand any areas not reached with the Roloc™ disc. Its very important to expose fresh, clean plastic.



5 Grind the mating surface of the casting with a coarse Roloc™ disc.



6 Hand sand the mating surface of casting missed by the Roloc™ disc, using 60 grit or coarser sandpaper.



7 Blow dust off the sanded hood and casting. Do not re-clean with 1001-4 EcoPrep as moisture may become trapped in the sanding grooves and interfere with the bond.



8 Place casting in place and mark the hole locations.



9 Drill the marked holes with a 5/32" drill bit. Drill through to the outside of the hood only in the location shown above.



10 Apply blue thread locker to the bolts and fasten the forked bracket to the casting.



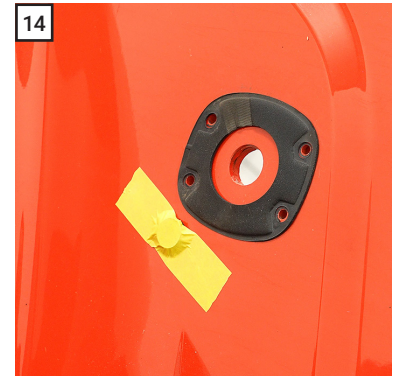
11 Loosely screw the casting to the hood. Using gentle pressure and high speed to reduce tear-out, drill a 1/4" hole through the hood at the location shown.



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



13 Tap the elevator bolt with rubber washer into the hole.



14 Using a two inch wide piece of tape, tape the bolt in place.



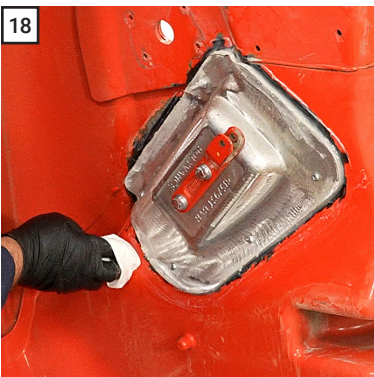
15 Remove the casting then apply half a cartridge of 2510 PlastiFix adhesive to the hood.



16 Apply the other half of the 2510 PlastiFix adhesive to the mating surface of the casting.



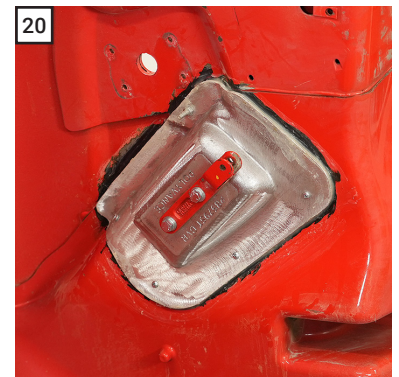
17 Install the casting onto the hood using the screws, elevator bolt, and nut. Apply just enough torque to snug the casting in place.



18 Wipe excess adhesive from the hood



19 Remove the tape and wipe away any adhesive that may have squeezed through



20 Allow 24 hours for full cure before attaching the strut and returning the hood to service.