



Protecting Your Adventure Lifestyle

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95606 Jeep Cherokee HoodLift® Kit

INSTALLATION INSTRUCTIONS

Fits '97-'01 Jeep Cherokee XJ

Congratulations on your purchase of a genuine HoodLift® made by the company who invented the Jeep aftermarket HoodLift® in the mid 1990's. It is made from the finest components available and should give you years of trouble-free service. The installation should take less than an hour and some drilling is required. Please read the instructions thoroughly before getting started.

Tools needed

Cordless drill
 $\frac{1}{4}$ " Drill bit
 $\frac{3}{8}$ " Socket and ratchet handle
 $\frac{5}{16}$ " Socket
Measuring tape
Marker pen or grease pencil
Center punch

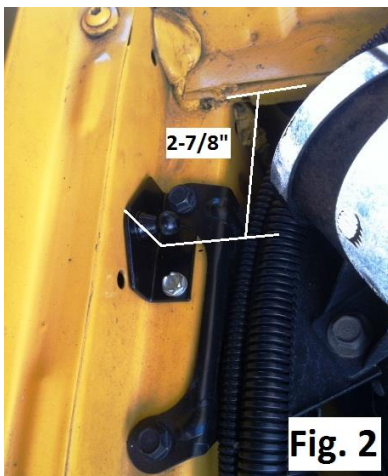
Supplied Parts

(2) Gas springs
(2) Lower ball stud clip inner
(2) Upper ball stud clip outer
(8) $\frac{5}{16}$ "x $\frac{5}{8}$ " Sheet metal screws
(8) $\frac{1}{4}$ " Internal lock washers
(1) $\frac{7}{64}$ " Drill bit

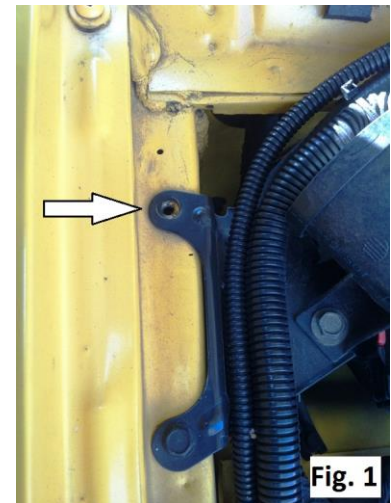
NOTE: If interference from aftermarket accessories is suspected, use some duct tape to temporarily hold the brackets in place while checking fitment.

INSTALLATION

1. Lift up the hood and place it on the factory prop rod. We'll mount the lower ball stud brackets first. On the passenger side of the engine compartment back towards the firewall, you will see an emissions canister bracket attached to the inner fender edge (if equipped). The rearmost bracket bolt will be used to locate this ball stud clip. (**Fig. 1**) Take one of the 'inner' ball stud clips and set it down on a flat surface with the ball stud pointing at you. You'll need to drill out the right side hole with a $\frac{1}{4}$ " drill bit to allow the factory bolt to fit. The driver side inner ball stud clip will require no modification.



2. Install the ball stud clip underneath the emissions canister bracket with the ball stud facing towards the engine. At this position the center of the ball stud should measure approx. $2\text{-}\frac{7}{8}$ " to the lip on the firewall. (**Fig. 2**) Mark the other hole through the bracket with a marking pen and center punch this location. Take your cordless drill and wrap some masking tape around the $\frac{7}{64}$ " drill bit (**Fig. 3**) so it will only go approx. $\frac{1}{4}$ " through the sheet metal. This is to prevent you from drilling too far and damaging anything that may be behind the surface of the sheet metal you're drilling through. Make certain the tape is wrapped tight and that it goes all the way to the drill chuck so the tape won't slide.
3. Drill out your center-punched hole and utilizing an internal lock washer with the sheet metal screw, tighten down the ball stud clip. Repeat dimension and drilling procedure for driver side.



QUALITY



INTEGRITY



INNOVATION



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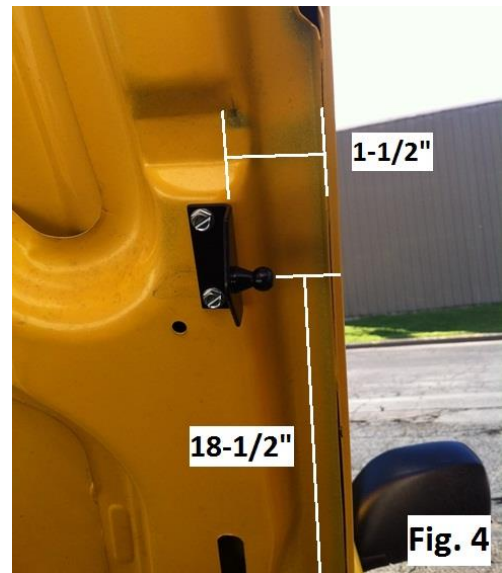
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4. The placement of the Upper Brackets is as follows:

- Measure from the bottom corner of the hood near the windshield, up alongside the edge of the hood approx. 18- $\frac{1}{2}$ ". Affix a strip of tape on the edge of the hood and make a mark at this measurement on the tape. The center of the upper ball stud clip will be centered on this mark. This should place the edge of the ball stud clip just below the hoods' crush zone. The vertical edge of the ball stud clip is to be positioned 1- $\frac{1}{2}$ " in from the edge of the hood with the ball stud facing outwards. (Fig. 4)
- Hold the ball stud clip in this position and mark through the holes with your marker pen. Center punch and drill these marks with the $\frac{7}{64}$ " 'taped' drill bit. The tape on the drill bit is especially critical in this step because you run the risk of denting the outside surface of the hood if the bit goes too far though the sheet metal.
- Put the internal lock washers on the sheet metal screws and drive them through and into the holes you just drilled. Tighten the screws with the $\frac{5}{16}$ " socket and ratchet only to hand-tight being careful not to strip out the sheet metal. Repeat for the other side of the vehicle.



5. You're now ready to install the gas springs, but before you do take a moment to cycle them so the seal gets lubricated and they'll function smoothly right away. Hold the cylinder side with both hands and compress them against some carpet or mat so the bottom doesn't slide out. Now take the gas springs and with the cylinder side up, snap them onto just the upper ball stud clips allowing them to hang.



6. Next, the factory prop rod needs to be removed as the passenger side gas spring compresses into this area when the hood is closed. While holding up the hood with your hand or through the use of an assistant, use a $\frac{3}{8}$ " socket to remove the two bolts attaching it to the fender edge and put the prop rod in your parts bin. Now snap the hanging rod ends of the gas springs onto the lower ball stud clips taking care to not let go of the hood until both gas springs are snapped into place. If you snap the gas springs completely on before removing the factory prop rod, you may have some difficulty disengaging it. Your hood will now remain up, but before testing the opening and closing function of the install, check for tools or anything that may have been left in the engine compartment.
7. Once you've determined the engine compartment is free and clear, go ahead and lower the hood slowly verifying there are no binding or clearance issues. If everything checks out ok, lift up on the hood allowing the gas springs to take over about $\frac{1}{3}$ rd of the way up. Close and open the hood a few times to check the gas springs' functionality. They should raise the hood from a neutral point about 12" opened and come to a smooth, dampened stop at the top of the stroke. If it does not have that dampened stop, you may have inadvertently installed your gas springs upside down. The large cylinder portion of the gas spring should be oriented up as it allows the internal oil to remain at the seal prolonging the life of the springs and giving them the dampened feature.
8. If you ever need to remove a gas spring from its ball stud, slip a small screwdriver under the small semi-circular clip near either end of the gas spring and pry it up to release it from the ball stud it is capturing.
9. Your installation is now complete.

If you need further assistance installing your product, please contact us by email at techsupport@warriorproducts.com or call us at: (888) 220-6861.

THANK YOU FOR PURCHASING HOODLIFT BY WARRIOR PRODUCTS

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