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# H1 LIFT KIT INSTRUCTIONS

## Product Information:

Thank you for your recent purchase of our 2" Lift Kit. You own one of the most advanced designed Performance Lift Kits ever made for an H1 Hummer.

**IMPORTANT:** To ensure proper function and safety, you **MUST** have the lift installed by a trained profesional. After 500 miles you **MUST** return to the installation facility for them to re-torg all bolts. Failure to do so will void warranty and possibly cause injury. Predator Motorsports will not be liable for misuse and or neglect.

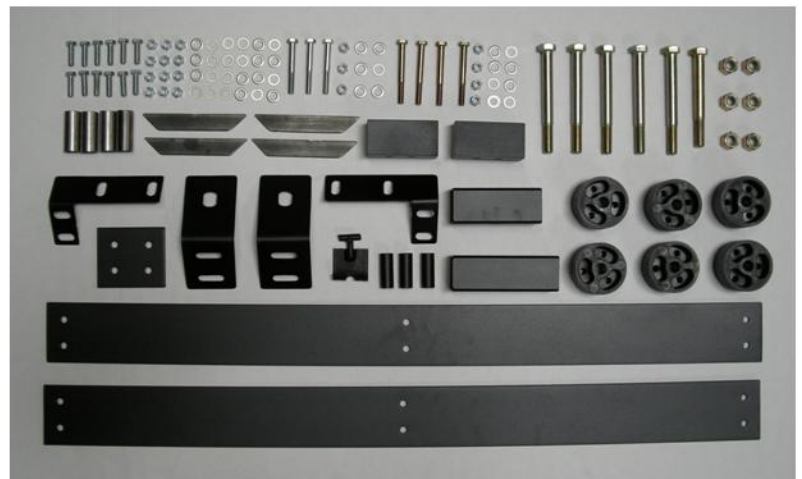
## Warranty Information:

Your Hummer H1 Lift Kit is backed by a Lifetime Warranty on all structural parts including all spacers and brackets under normal use. Misuse such as a roll-over, rally racing and other similar use will not be covered under warranty. All hardware is backed by our 3 year 36,000 mile warranty.

The Powder Coated finish is backed by our 3 year 36,000 mile warranty. Care must be taken for the powder coated finish and should be treated similar to your vehicle paint finish to ensure a lifetime of trouble-free use. We recommend a monthly coat of high grade carnauba wax to ensure a beautiful finish for years to come.

## Item List:

- 6- 2" Body Lift Spacer Blocks
- 2- 4' Rear Block Out Bar (Long black Aluminum Pieces)
- 2- Outer Block Out Bar Support Mounts (1- left hand piece and 1- right hand piece)
- 2- Inner Block Out Bar Support Mounts
- 1- Center Block Out Connector Bracket (4" aluminum piece w/4 holes)
- 2- Hood Lift Spacer Blocks
- 5- 7" Grade 8 Body Lift Bolts (5/8"x7")
- 1- 6.5" Grade 8 Body Lift Bolt (5/8"x6.5")
- 4- 3 1/2" Hood Lift Bolts (3/8"x3.5")
- 4- 3/8" Nylock Nuts for Hood Lift Bolts
- 4- 3/8" Washers for Hood Lift Bolts
- 6- Nylock Nuts for Lift Block Bolts (5/8")
- 1- Long Fuel Tank Spacer Block
- 1- Short Fuel Tank Spacer Block
- 1- Front Fuel Tank Strap Extender Strap
- 3- Fuel Tank Strap Extension Tubes (.75" x 2" Tube)
- 3- Fuel Tank Strap Extension Bolts/Nuts (3/8"x3" bolts/nuts)
- 3- 3/8" Nylock Nuts for Extension Bolts
- 6- 3/8" Washer for Extension Bolts
- 4- D-Ring Lifter coupler
- 2- D-Ring Lifter, Spacer Stop
- 12- 3/8"x1" Bolts used for Block Out Bar
- 12- 3/8" Nylock Nuts for Block Out Bar
- 24- Washers for Block Out Bar
- 4- 1/4"-20 x 1" Bolt for Block Out Bar Outer Mounts
- 4- 1/4" USS Washer for Block Out Bar Outer Mounts



## Tools Needed for installation:

- Standard Socket and Wrench Set
- Ply Bar
- Vehicle Hoist recommended at 10,000 Pounds
- Floor Jack
- Rubber Mallet

## Installation Procedure:

1. Start installation with  $\frac{1}{4}$  or less fuel in main tank of Hummer.
2. Remove rear drive shaft by removing the front and rear two bolts and clip on the drive shaft joints.
3. Support and block the main fuel tank. Remove both fuel tank straps allowing the fuel tank to rest on secure and stable blocks. NOTE: be careful of the short fuel line connecting the tank to the selector valve located on the passengers side frame rail next to the fuel tank. If the fuel tank is dropped too far, the fuel line can become tight and potentially brake off the selector valve nipple.
4. Open hood.
5. Remove the interior driver's right hand kick panel and locate the 4 bolts holding the steering shaft boot in place. Remove the 4 bolts and carefully pull the boot inward towards the driver's side to allow access for notching the firewall in step 19.
6. Loosen and remove all 6 body bolts. Note: Depending upon the year and condition of your Hummer the passenger front body bolt can become very difficult to remove. Predator recommends the use of a crows foot to help aid in removal of bolt.
7. Slowly lift the body approximately 2.5 inches. Install the six 2-inch lift blocks. Locate the Center Block Out Mounts and set on the top of the 2" Body Mount with the angle mount facing down and to the rear bumper. Install supplied longer bolts. There will be one supplied shorter bolt that will be used for the driver side front body mount. Note: In 1996 Hummer installed a  $\frac{1}{2}$ " aluminum body spacer to clear the turbo. This spacer can be used in conjunction with the Predator lift if desired. A longer bolt may be needed for the front drivers side body mount. Note: if you plan on installing a Predator Intercooler Kit in the future, retain  $\frac{1}{2}$ " spacer.



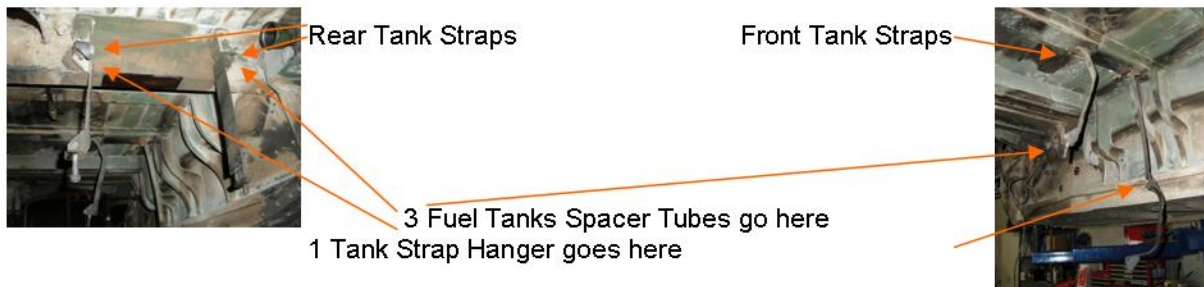
8. Check for clearance of all electrical, fuel and a/c lines. Lower body and tighten body bolts.

Body Lift Block Spacer

9. Carefully close hood. Do not latch or lock hood.
10. Carefully remove hood hinging pins by removing cotter pins and sliding pin from the hinge.
11. Slightly lift hood and remove lower half of hinge from the vehicle frame. It may be easier to entirely remove hood however the hood support rod and wiring will need to be disconnected prior to Step 10.
12. Install front hood spacers and longer bolts. Tighten.



13. Reinstall hood.
14. Install supplied fuel tank spacers (square tubes). Place Fuel Tank Spacers just above the fuel tank straps between the body and fuel tank. Spacers need to be placed running from the left side of the tank to the right.
15. Install the fuel tank strap spacer kit (3- 2" long tubes, 3- bolts/nuts, 1- tank strap hanger spacer). The Tanks Strap Hanger Spacer will be located on the passenger front side of the fuel tank. The 3 remaining tubes will be used to space the fuel tank straps down using the supplied bolts and nuts.



15. Reinstall rear drive shaft. Check for proper clearance of approximately 3/8" or more between drive shaft and tank strap/fuel tank.
16. Check for proper position and alignment of shift levers. In most cases you will need to slightly adjust the shift levers back to their correct positions. This is easily done by removing the cotter pin on the bottom side of the shift levers, accessible from under the Hummer. After removing the cotter pin turn the shift mount in or out depending upon the movement needed.



Shift Linkage adjustment located under shift lever boot.

17. Check for proper fuel line length at the back of the engine.
18. Check steering shaft boot on firewall. In some cases the steering shaft may rub on the fire wall located to the right of the drivers shin/knee. This is accomplished by removing the bolts from the steering shaft boot and sliding the boot back over its self to access the fire wall. You may need to use a bimetal sawzall or simply a bimetal hand saw to notch the fire wall. Reinstall boot. NOTE: in a very few extreme cases the boot will need to be lowered after the fire wall has been notched using new sheet metal screws to re-secure boot to fire wall.
19. Install Rear Block Out Bar by connecting the two pieces together using the supplied connector bracket, 4- 3/8"x1" bolts, 4- nylock nuts and 8-washers.
20. Install Outer rear block out mounts on the underside corner of the body by removing the factory bolts, setting the mount in place and reinstalling the bolts. Note: The mount should be angled down and out towards the rear bumper to allow for installation of the block out bar.
21. Install Block Out Bar to mounts using the supplied 3/8"x1" Bolts, nylocks and washers

### **D-Ring Lifters**

1. Remove Rubber D-Ring Spacers.
2. Cut off D-Ring approximately 1/4" up from the base of the D-Ring/frame mounting point.
3. Loosely attach coupler/spacer in between the D-Ring cut.
4. Make sure that the D-Ring is in the proper location by lowering hood. Tack weld in place.
5. Reinstall rubber D-ring spacer over D-Ring.
6. Lower Hood. Lift up the spacer so that the rubber spacer is now resting against the bottom side of the hood. Mark the bottom side of the rubber spacer on the D-Ring.
7. Remove rubber spacer. Tack weld the spacer stops onto each side of the D-Ring at the marked location.
8. Reinstall the rubber spacer and close hood. Check for proper alignment.
9. Remove rubber spacer and weld out the D-Ring Lifters.
10. Carefully close the hood checking for proper clearances when the hood closes.



# REMOVE FROM INSTRUCTION PACKET AND ATTACH TO BOX WHEN FINISHED

## Item Packaging Check List:

- \_\_\_ 6- 2" Body Lift Spacer Blocks *make sure they are drilled out to 5/8"*
- \_\_\_ 2- 4' Rear Block Out Bar (Long black Aluminum Pieces)
- \_\_\_ 2- Outer Block Out Bar Support Mounts *(1- left hand piece and 1- right hand piece)*
- \_\_\_ 2- Inner Block Out Bar Support Mounts
- \_\_\_ 1- Center Block Out Connector Bracket *(4" aluminum piece w/4 holes)*
- \_\_\_ 2- Hood Lift Spacer Blocks
- \_\_\_ 1- Long Fuel Tank Spacer Block
- \_\_\_ 1- Short Fuel Tank Spacer Block
- \_\_\_ 1- Front Fuel Tank Strap Extender Strap
- \_\_\_ 3- Fuel Tank Strap Extension Tubes (.75" x 2" Tube)
- \_\_\_ 4- D-Ring Lifter coupler *(raw 1"x.120x2.25" tube)*
- \_\_\_ 2- D-Ring Lifter, Spacer Stop *(raw 1" x 4" Strap Steel)*
- \_\_\_ 1 Instruction Packet *(only 3 pages, remove check list and attach to box)*

### Hardware (NUTS, BOLTS, WASHERS)

- \_\_\_ 12- 3/8"x1" Bolts used for Block Out Bar
- \_\_\_ 5- 5/8" x 7" Bolts
- \_\_\_ 1- 5/8" x 6.5" Bolt
- \_\_\_ 4- 3/8" x 3.5" Bolts
- \_\_\_ 3- 3/8" x 3" bolts
- \_\_\_ 19- 3/8" Nylock Nuts
- \_\_\_ 24- 7/16" Washers (Thin, Stainless)
- \_\_\_ 6- 5/8" Nylock Nuts
- \_\_\_ 4- 1/4"-20 x 1" Bolts
- \_\_\_ 4- 3/8" USS Washers

