Honda 300-02 Installation Instructions

Read before Installation

This product is designed for use on ATVs and/or RUVs to increase ground clearance and fender clearance. It is designed for utility type, slow-speed use on relatively flat terrain in deep mud or snow. Although we have many thousands of satisfied lift kit customers and over 1,800 franchised dealers selling and installing lift kits, purchasers should be aware that use of this product may increase the frequency of required maintenance, part wear, and will raise the center of gravity on your ATV and/or RUV, increasing risk of roll-over, injury and death on all types of terrain. It is your responsibility to always inform other operators and passengers of this vehicle about the added risks.

We recommend that wider tires and/or wheel spacers be used to achieve a wider stance and to improve stability of the ATV and/or RUV. Riders should be advised that the handling characteristics of a taller ATV and/or RUV are different and require extra care when riding, particularly on side hills or off-camber situations. If you further raise the center of gravity by adding taller tires, heavy loads to racks or seats, or by any other means, the ATV and/or RUV must be operated with even more care, at slower speeds and on relatively flat ground. All turns should be done at a slow speed, even on level ground.

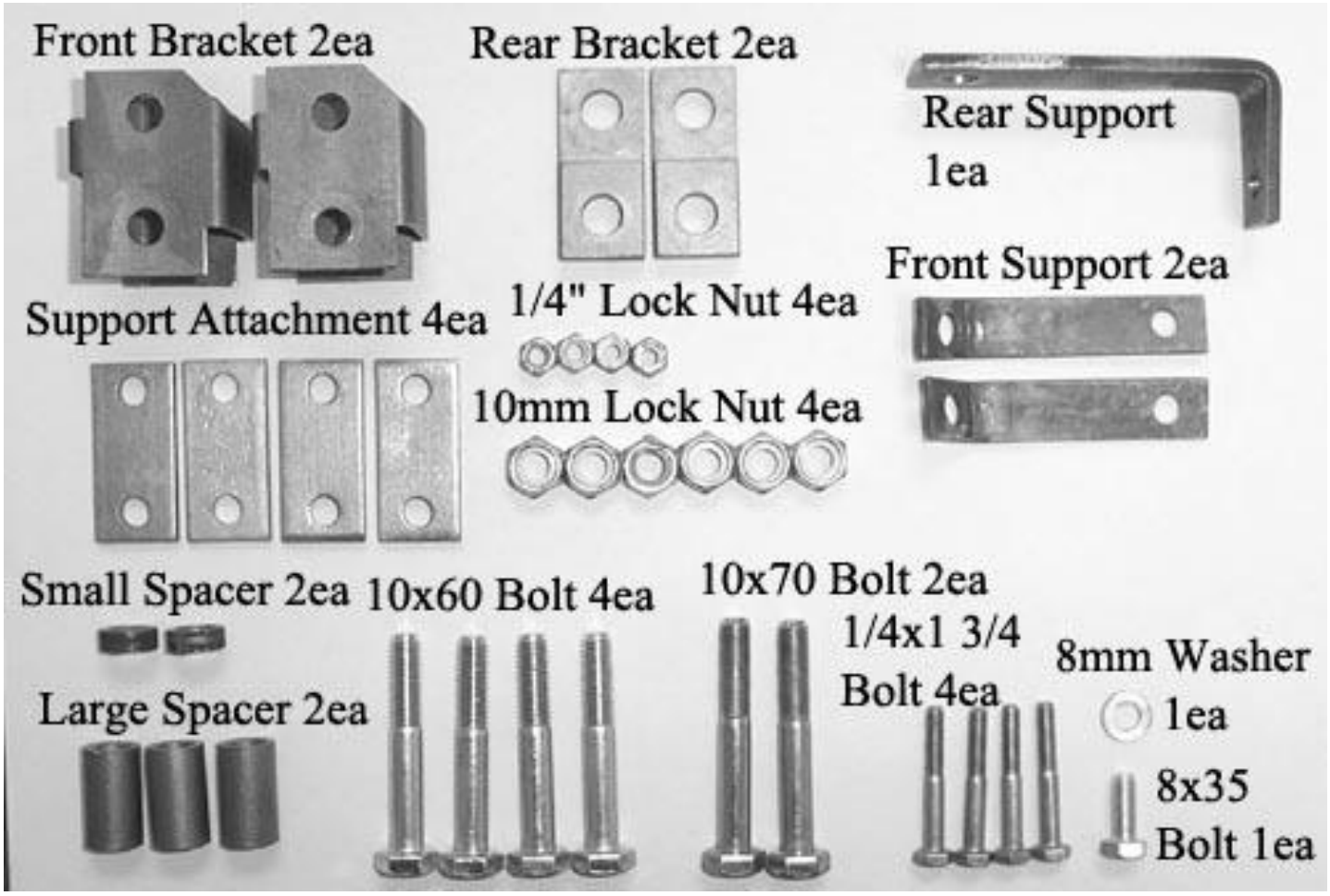
Operation of an ATV and/or RUV with or without a lift kit, while or shortly after consuming alcohol or drugs, subjects the rider to the risk of serious bodily harm or possible death. This risk is compounded if the rider does not wear an approved helmet and other safety gear. High Lifter urges that all approved safety gear be worn when riding an ATV and/or RUV as a driver or passenger.

<u>Dealers and other Installers</u>

You are responsible for informing your customer and end user of the information contained above and the increased potential hazards of operating an ATV and/or RUV equipped with a lift kit. If you install the lift kit, it is your responsibility to also install the warning label prominently in view of the driver and in prominent view of the driver and passenger on RUVs and multi-passenger ATVs. They should also be instructed to notify anyone operating the vehicle, as well as any passengers, that a lift kit is installed.

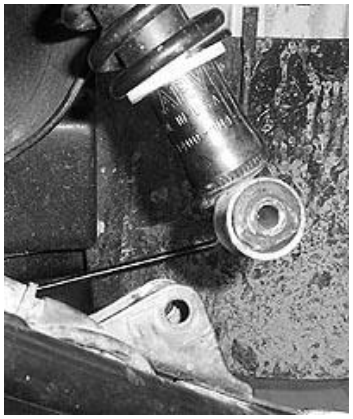
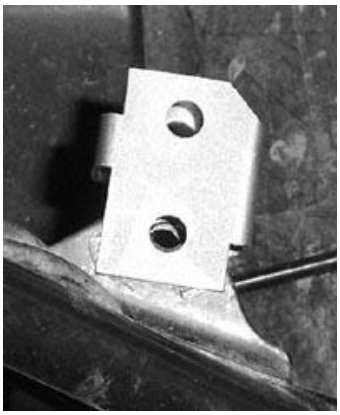
As discussed above, it is critically important that they be instructed in the need for slower speed operation, regardless of terrain, after this lift kit is installed.

Parts Diagram

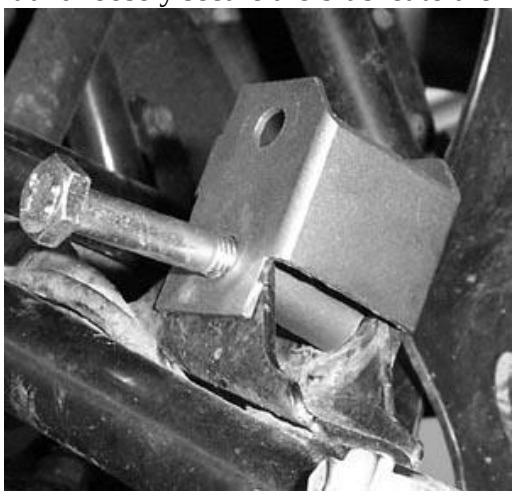


Front Lift

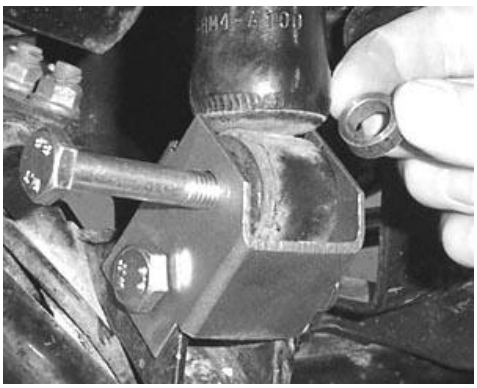
1. Place jack under center of ATV front end and lift until front wheels clear the ground. Be careful to support ATV properly so that it is securely supported but so that A-arms and shocks can droop to full extension.
2. Remove front wheels and lower part of the shock from the A-arms.
3. Slide bottom of lift bracket over A-arm shock mount and insert new. Place one large spacer between the center of the shock mount tabs and bracket.

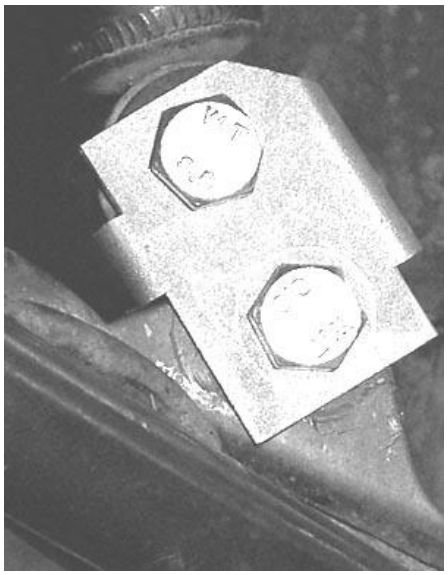

4. Now insert the 10 x 60 hex bolt and loosely secure the bracket to the frame with the 10mm Locknut.



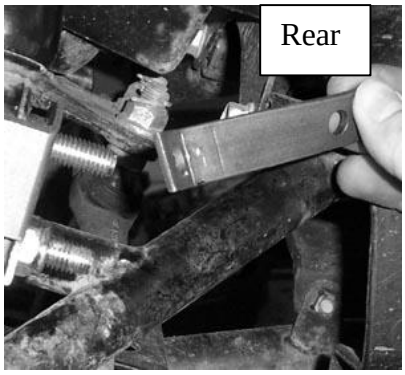
5. Slide bottom of shock into top of lift bracket. Insert the small spacer between the shock and the bracket. Secure the shock using 10x60 Hex bolt.

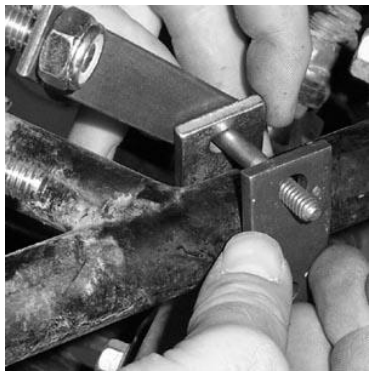



6. Push the bracket and shock to the inside of the frame so that the shoulder of the bracket rests on the frame.

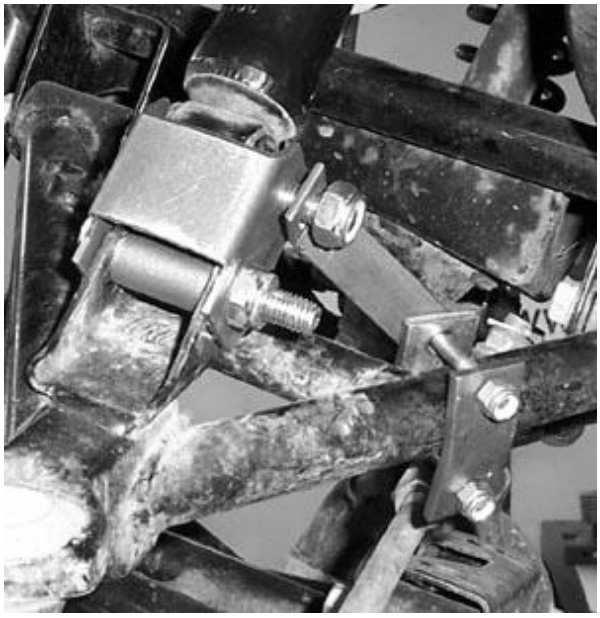


7. Next place the support bracket on the outside of the Front Lift Bracket. Make sure that it is on the side that faces the rear of the ATV and secure it using one 10mm lock nut. Attach the other end of the support bracket to two of the Support Attachment Brackets. "Sandwich" the A-arm frame using the Support Attachment Brackets, two ¼ x 1 ¾ bolts and two ¼" lock nuts.
NOTE: The support bracket will bend and conform to the angle of the support attachment.





8. Tighten all bolts. Make sure all bolts are tightening to manufacturer's torque specifications.
Note: Some of the brackets may bend when they are tightened.



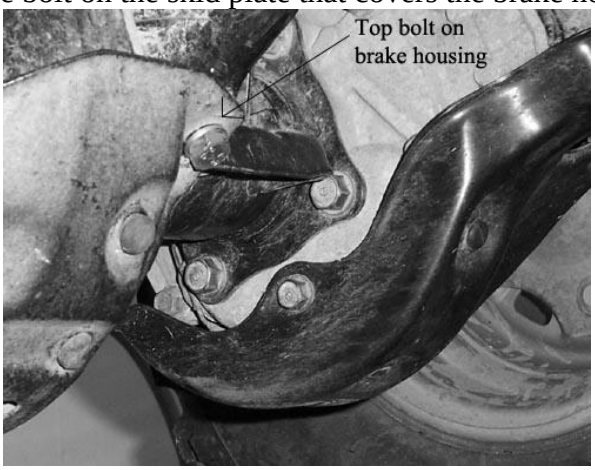
9. Repeat the procedure for the other side.

10. Install the wheels, torque wheel lug nuts to manufacturer's specifications, lower and remove jack. Check for clearance problems or misalignment.

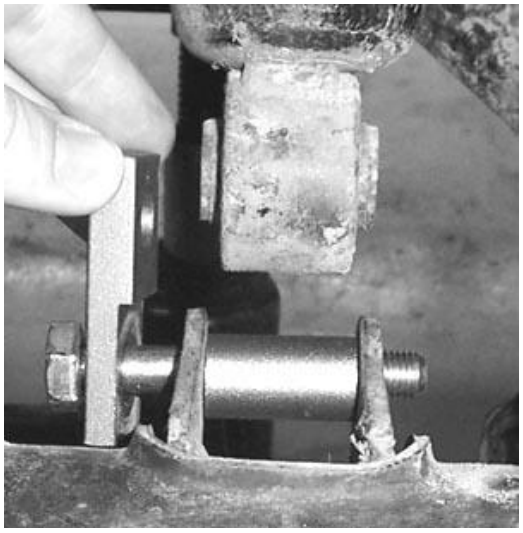
11. Once the installation if complete, front and rear, ride the ATV to check steering and alignment. If steering is aggressive you may need to adjust the toe on the ATV. Check the owner's manual on adjusting the toe of your ATV.

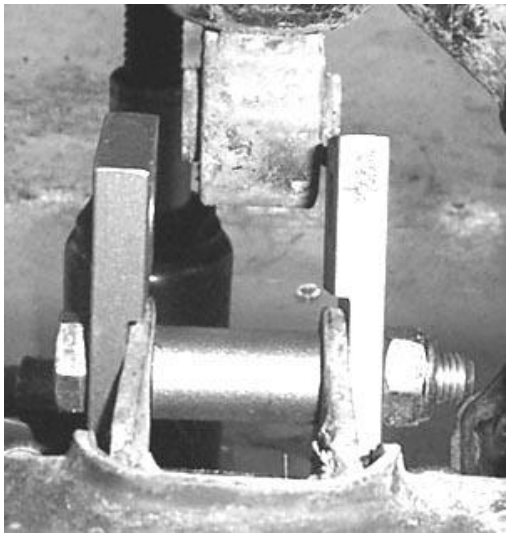
Rear Lift

1) Place jack under ATV at the rear of the bottom skid plate and lift until the weight is off of the suspension. Be careful to secure the ATV properly so as not to fall off the jack.
2) Remove the bottom of the shock and one bolt on the skid plate that covers the brake housing.

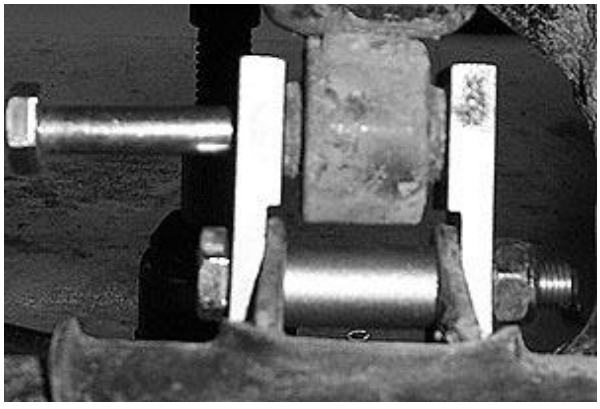


3) After removing the shock, jack the ATV up 1”-2” further.
4) Insert the two Rear Flat Brackets and the Medium Spacer on the shock mount. Placing the Flat Brackets on the outside of the shock mount tabs and the spacer in the center of the tabs. Secure it with the one 10x70 hex head bolt and 10mm lock nut.





5) Now attach the shock to the Flat Brackets and the rear support bracket. Using the 10x70 hex bolt and 10mm Locknut.



6) Attach the rear support bracket to the brake housing using the 8mm washer and 8x35 hex head bolt.

7) Lower and remove jack. Check for clearance problems or misalignment.