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## **BOMBARDIER 500 Lift Kit** **Installation Instructions**

### **Read Before Installation!**

This product is designed for use on ATVs on which additional ground clearance and fender clearance is desired. It is designed for utility type, slower-speed use on relatively flat terrain in deep mud or snow. Although we have many thousands of satisfied lift kit customers and over 400 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 increasing risk of roll-over on side hills, ditches or other steep terrain.

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

Operation of an ATV 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 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.

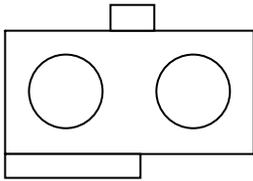
If this is not what you expected, or is not consistent with your intended use, you should return the product immediately to the seller, **before installation**, for a refund of the purchase price; less any fees. After installation, product is warranted for 90 days for defects in workmanship and materials. Warranty is limited to refund of the purchase price or replacement of the kit, at the seller's option.

This lift kit contains the following parts:

10x65mm Bolts	2
10x45mm Bolts	4
10mm Nuts	6
1" x 1 3/4" Hex Head Bolt	4
1/4" Nuts	4
Lift Brackets & Spacers	16
Pages of Instructions	7

# Parts List

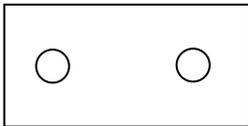
**A – Qty 2**



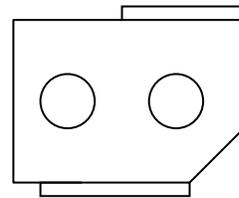
**B – QTY 2**



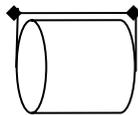
**C- Qty 2**



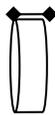
**D – Qty 2**



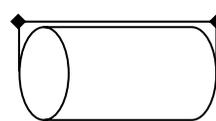
**E – Qty 2**  
13/16"



**F – Qty 4**  
1/4"



**G – Qty 2**  
1 13/16"



**10 x 65mm Bolt – Qty 2**



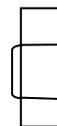
**1" x 1 3/4" Hex Head – Qty 4**



**10 x 45mm Bolt - Qty 4**



**10mm Lock Nut – Qty 6**



**1/4" Lock Nut – Qty 4**

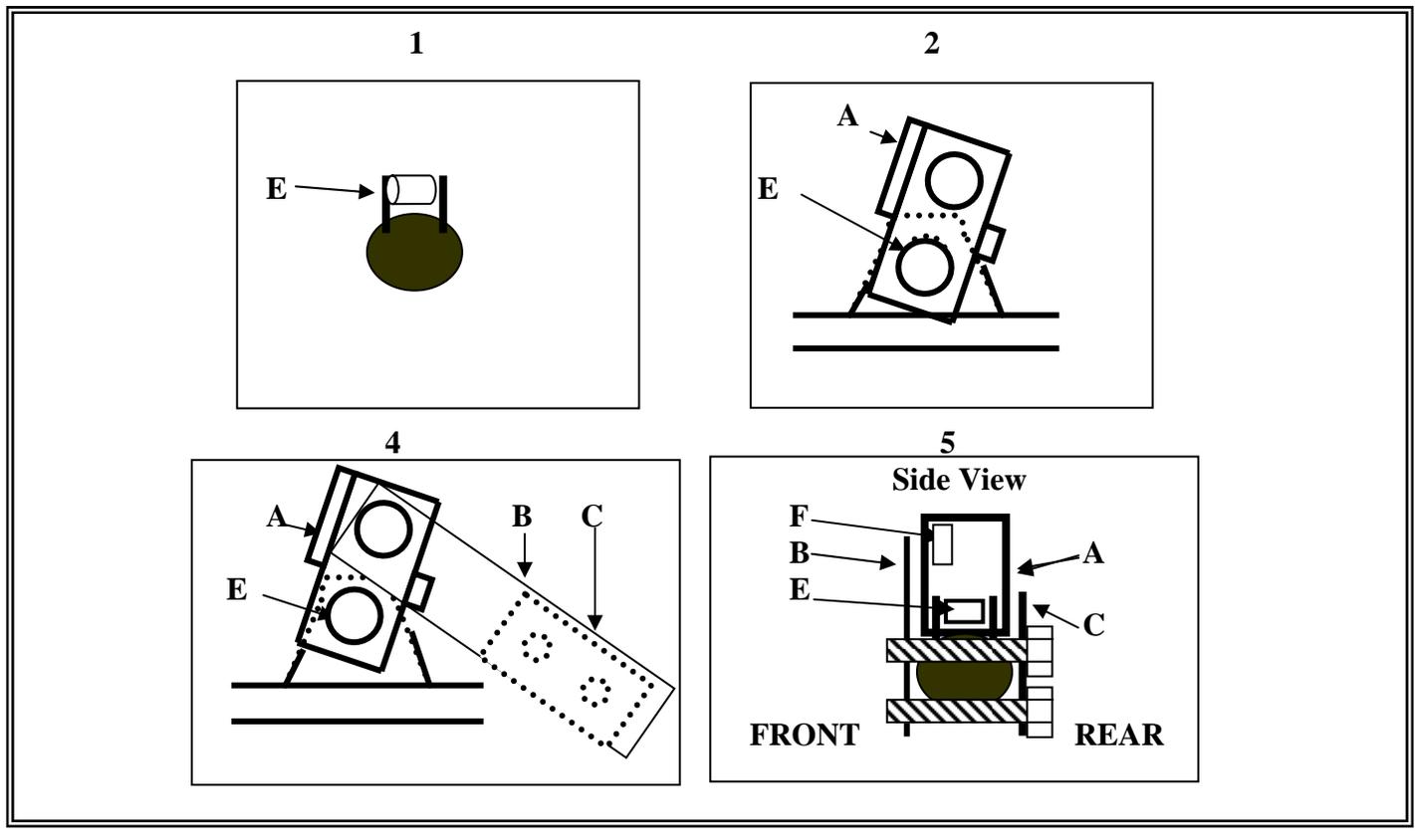


## Front Lift

- 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's secure, but so that the A-arms and shocks can droop to full extension.
- 2) Remove front wheels and shock.
- 3) Place spacer "E" on the inside of the shock mount, place bracket "A", with the notch down and outward over the shock mount. Secure this bracket with a **10x45mm bolt** that is provided with the kit.
- 4) Place bottom of shock inside top of bracket "A", place spacer "F" between the front of the shock eyelet and the inside of bracket "A", securing it with a new **10x45mm bolt** from back to front.
- 5) Next, place bracket "B" on bracket "A" (on the front outside of bracket "A") securing it with a new **10mm nut**.
- 6) Install bracket "B" on the front of the A-arm and bracket "C" on the rear of the A-arm, then secure with two  $\frac{1}{4}$ " x  $1\frac{3}{4}$ " **hex head bolts**. Place a  $\frac{1}{4}$ " **Lock Nut** on the  $\frac{1}{4}$ " x  $1\frac{3}{4}$ " **hex head bolt**. Before tightening all nuts ensure the angle of the shock is at the same original angle.
- 7) Tighten all bolts to manufacturer specifications.
- 8) Repeat this procedure for the other side.
- 9) Install the wheels, torque wheel lugs to manufacturer's specifications, lower and remove jack. Check for clearance problems or misalignment.

### Front Installation Diagram

**Note: This diagram is for graphical representation, the actual angles of the shock and mounting bracket will differ from the diagram.**



## Rear Lift

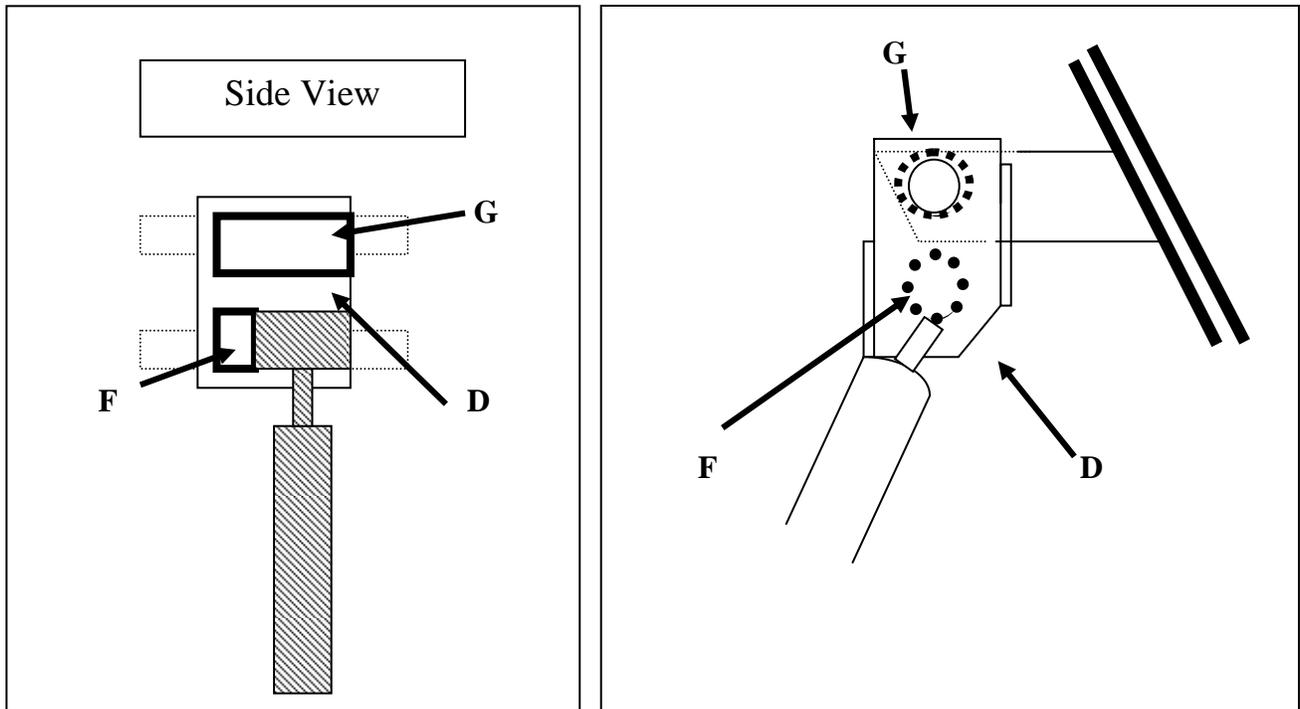
- 1) Place spacer “G” on the inside of the shock mount.
- 2) Place bracket “D” with the angled notch down and inwards over the shock mount, securing both spacer “G” and bracket “D” with the OEM bolt and nut.
- 3) Place top of shock into the bottom of bracket “D” and place spacer “F” between the outside of the shock eyelet and the inside of bracket “D”, secure these with a **10x65mm bolt**.
- 4) **Tighten all bolts to manufacturer’s torque specifications, on BOTH THE LEFT AND RIGHT SHOCK MOUNT!**

### **Both Sides**

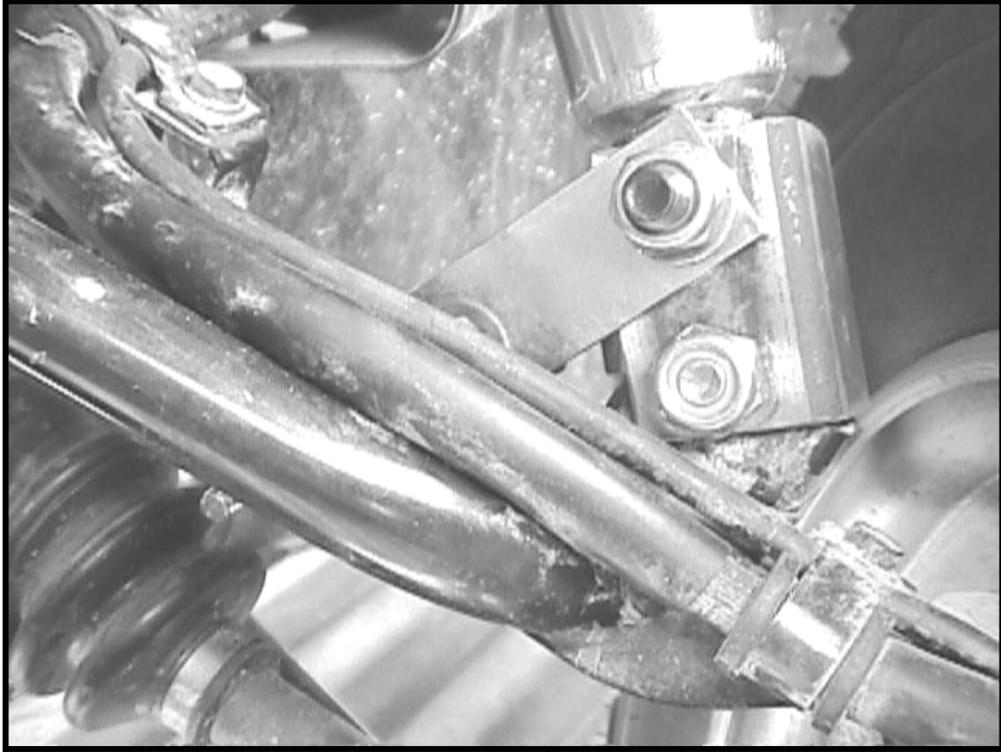
- Tighten all bolts to manufacturer’s torque specifications.
- Lower and remove jack.
- Check for clearance problems or misalignment.

### Right Rear Installation Diagram

**Note: This diagram is for graphical representation, the actual angles of the shock and mounting bracket will differ from the diagram.**



Front Installation Picture



Rear Installation Picture

