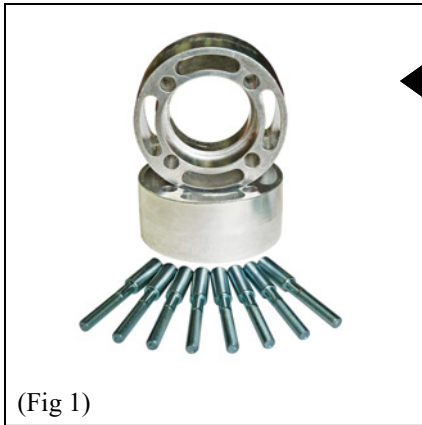# "Aluminum UTV Wheel Spacer General Info"
## These spacers have a lifetime warranty so keep your receipt for proof of purchase!

(Fig 1)

UTV wheel spacers come in pairs. Make sure you have all the parts shown on the image (fig. 1) on the left.
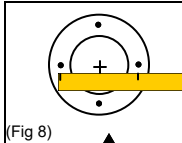
**First**: Jack up the quad so the tires are almost off the ground. Loosen the lug bolts. Jack the quad up until tires are just off the ground. Remove the lug bolts and then the wheel.

(Fig 2)

Jack up your UTV

(Fig 3)

After you have removed the tire, clean the lug bolts. Now we are ready to install the wheel spacer kit.

(Fig 4)

(Fig 5)

Squeeze a drop of Locktite at the base of the wheel stud threads. Don't coat the entire thread stack, just the last few-threads.

(Fig 6)

Screw the stud extender on by hand as far as you can. If necessary, use a ratchet to screw the stud extender down all the way (hint - use a couple of nuts tightened against each other, then use a wrench to run the stud extender down onto the stud.

(Fig 8)

When you screw the stud extenders on, do not over-tighten. Just snug them down gently. Slide the wheel spacer on. You should be able to push them on by hand. If not then get a block of wood and tap them on with a rubber mallet. The spacer must be past the stud extender shoulder before you try to tap them on. If not you will be blocked by the stud extender shoulder. In a rare case that the wheel spacer just won't fit at all, you will need to double check the bolt pattern of the spacer and the quad. Compare the bolt patterns. See (figure 8). If the pressed-in stud in the hub is not perpendicular to the hub face, the stud extender will amplify the error. Simple tap the stud (with a nut on the threads) until it aligns properly.

After the wheel spacers are in place, screw on the wheel studs and tighten by hand. Do not use an impact wrench. Torque to factory specs or approximately 40 lbs/ft.

# DuraBlue Graph–Lite Wheel Spacer
# Installation Instructions

Note: On smaller quads like the 50's and 80's you will need to re-place your existing smaller studs with the 10mm studs that are sup-plied. You may need to drill the holes out so the 10mm studs will fit through the holes.

Congratulations on your purchase of the original DuraBlue Graph–Lite wheel spacers. Please take a moment to follow these simple instructions to obtain the maximum benefit of your Graph–Lite wheel spacers. Your kit comes complete and ready to install!

<u>Important:</u> **Your wheel spacers must be under compression to work properly. This means the spacer must be evenly sandwiched between the wheel hub and wheel rim and tightened using your lug nuts. Spacers will fail if you do not generate proper compression.**

1. Jack up your ATV, remove your lug nuts and then your tire.

2. Remove your wheel hub from the axle. If your hub has <u>press in studs</u>, you will need to remove them. Make sure you support the back of the wheel hub. A long socket will work. Use a hammer to pound out studs. See picture below.

| THE <u>WRONG</u> WAY TO REMOVE STUDS | THE RIGHT WAY TO REMOVE STUDS |
|---|---|
|  |  SOCKET USED TO SUPPORT BACK OF WHEEL HUB |

3. Place the wheel hub on the axle and install the studs supplied. Your kit may or may not come with small aluminum spacers. These spacers fit over your new studs and help center the Graph–Lite spacer when you put it on. Place your Graph–Lite spacer over the studs so it sits all the way down on your wheel hub. The flat side of the spacer with the notch goes against your wheel hub!

4. Put your wheel on and make sure the wheel rim fits flat against the top of the Graph–Lite spacer. Some wheel rims may have a weld on the inside which will cause the wheel rim to hang on the edge and not make contact with the top of the spacer. In this case you will want to file some mate-rial off the edge of the spacer until your rim can rest flat on top. Tighten the lug nuts evenly to 42-47 ft/lbs. to properly compress your Graph–Lite wheel spacer. Ride the ATV and re-check the wheel lug bolts for tightness.

**Things to look for:** If you use after market acorn type lug nuts, make sure that your studs do not bottom out inside the top of the acorn style lug nut. If they do, you can trim the end of the studs so they fit correctly. <u>Do not use impact wrenches. Tighten lug bolts evenly by hand!</u>

Looking for <u>dependable motorcycle & powersports wheels & tires accessories</u>?
Rely on <u>DuraBlue for quality and long-lasting products.</u>