

WARRIORS OFF ROAD

Hello and thank you for purchasing our 2" lift kit for the HiSUN Strike 250

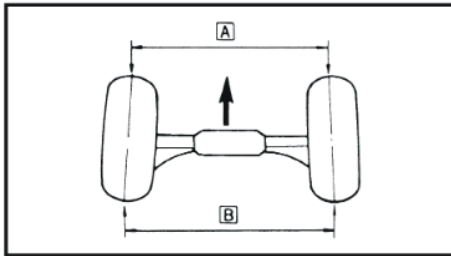
You can find the installation instruction on our website at www.warriorsoffroad.com in the download section.

After installation of this kit, it is recommended to inspect and adjust your front end for alignment. You need to make sure the front wheels have a toe in between 1/8" to 1/4".

If you need to adjust the toe in, you can adjust the tie rods to perform this adjustment. You can find it in the OEM service manual section, or on our download section on tie rod installation.

To check the toe in, place the UTV on the ground and not on jack stands. Measure the front tires. You can do this by finding the center of the tire facing the front, and the center of the tire facing the rear. Measure from middle/center of the tire to the middle/center of the opposite tire. Do this on the front and rear of the tire. You should see between 1/8" and 1/4" toe in on the front measurement. If not, then you will need to adjust the tie rods until you have the correct toe in needed.

Failure to do this inspection and adjustment might have the UTV steering seem loose or not keeping track while going straight.



- a. Mark both front tire tread centers.
- b. Lift the front end of UTV to keep the front wheel from force.
- c. Fasten the steering forward. Measure the width between two marks.
- d. Rotate the front tires 180° until the marks are exactly opposite one another.
- e. Measure distance **B** between the marks.
- f. Calculate the toe-in using the formula given below.

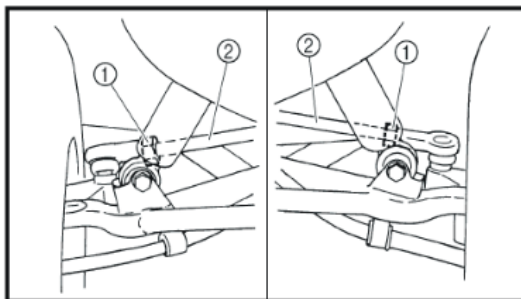
$$\text{Toe-in} = \frac{B}{A}$$

- g. If the toe-in is incorrect, adjust it.
3. Adjust toe-in

WARNING:

Make sure that left / right tension rods have turned the same turns. Otherwise the UTV will still go UTV left and right even though. Operate the UTV to go forward straightly with steering bar, easily causing to getting out of control and accident. After adjusting the toe-in correctly drive the UTV to move forward a span of distance by fastening the steering bar so as to

MAINTENANCE AND ADJUSTMENT OF THE UTV



make, sure if the Steering bar is normal, if not, adjust the tension rod left or right within the specification.

- a. Mark both tie-rods ends. This reference point will be needed during adjustment.
- b. Loosen the locknut (tie-rod end) ① on each tie-rod.
- c. The same number of turns should be given to both the right and left tie-rods ② until the specified toe-in is obtained. This is to keep the length of the rods the same.
- d. Tighten the rod end locknut on each tie-rod.

Locknut (rod end)
40 Nm (4.0 m · kg, 29 ft · lb)