



# INSTALLATION INSTRUCTIONS

## BUMPER KIT

Part Number: 70815

Application: 2005 Kawasaki 750 Brute Force

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided installation and operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

**CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.**

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. **WARNING** and **CAUTION** are signal words that identify the level of hazard. These signal words mean:

**▲WARNING** signals a hazard that *could* cause serious injury or death, if you do not follow recommendations. **▲CAUTION** signals a hazard that *may* cause minor to moderate injury, if you do not follow recommendations.

This guide uses **NOTICE** to call attention to important mechanical information, and **Note**: to emphasize general information worthy of special attention.

### ▲ WARNING

#### INJURY HAZARD

**Failure to observe these instructions could lead to severe injury or death.**

- Always** use extreme caution when cutting and trimming during fitting.
- Always** remove jewelry and wear eye protection.
- Always** use appropriate and adequate care in lifting components into place.
- Always** insure components will remain secure during installation and operation.
- Always** tighten all nuts and bolts securely, per the installation and operation.
- Always** perform regular inspections and maintenance on the bumper and related hardware.
- Never** operate this **WARN** product with damaged or missing parts.

## NOTES

Instructions for mounting accessory trail lights are included on page 6.

## I. TABLE OF CONTENTS

|                       |          |
|-----------------------|----------|
| Parts List            | page 2   |
| Tools Required        | page 2   |
| Torque Specifications | page 2   |
| Installation          | page 3-6 |
| Maintenance/Care      | page 6   |

## II. PARTS LIST

| <u>Part Number</u> | <u>Qty</u> | <u>Description</u>             |
|--------------------|------------|--------------------------------|
| 1320               | 12         | 1/4" Flat Washer               |
| 6725               | 12         | 1/4-20 Lock Nut                |
| 39514              | 2          | 1/4-20 x 1.5" x 2.25" U-bolt   |
| 65099              | 4          | 1/4-20 x 1.125" x 1.75" U-bolt |
| 1324               | 4          | 5/16" Flat Washer              |
| 2002               | 4          | 5/16-18 Lock Nut               |
| 21331              | 4          | 5/16-18 x 1" Bolt              |
| 70961              | 1          | Bumper                         |
| 70674              | 2          | Mounting Bracket               |
| 70962              | 1          | Backing Plate                  |

## III. TOOLS REQUIRED

- Ratchet
- 7/16" Socket
- 1/2" Socket
- 7/16" Wrench

## IV. TORQUE SPECIFICATIONS

|      |                        |
|------|------------------------|
| 1/4  | 8 lb. ft. (10.8 N-m)   |
| 5/16 | 17 lb. ft. (12.5 N-m)  |
| 3/8  | 30 lb. ft. (40.7 N-m)  |
| 7/16 | 50 lb. ft. (67.8 N-m)  |
| 1/2  | 75 lb. ft. (101.7 N-m) |

## V. INSTALLATION

1. The mounting brackets bolt to the side tubes located on the frame, Figure 1.

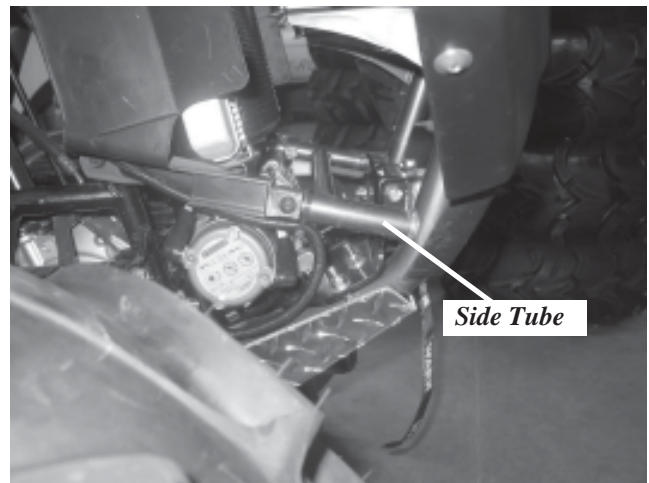


Figure 1

2. Loosely fasten the mounting brackets to the side tubes using the 1/4-20 x 1.125" x 1.75" u-bolts, flat washers, and lock nuts, Figure 2. Do not tighten the bolts at this time.

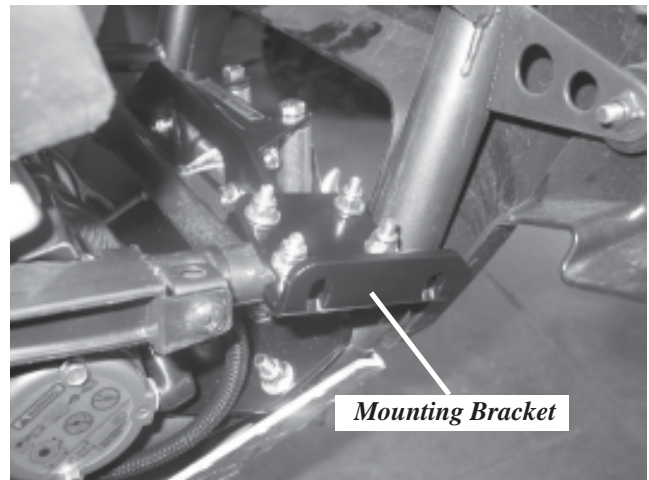


Figure 2

3. Place the backing plate under the bumper tab, Figure 3.

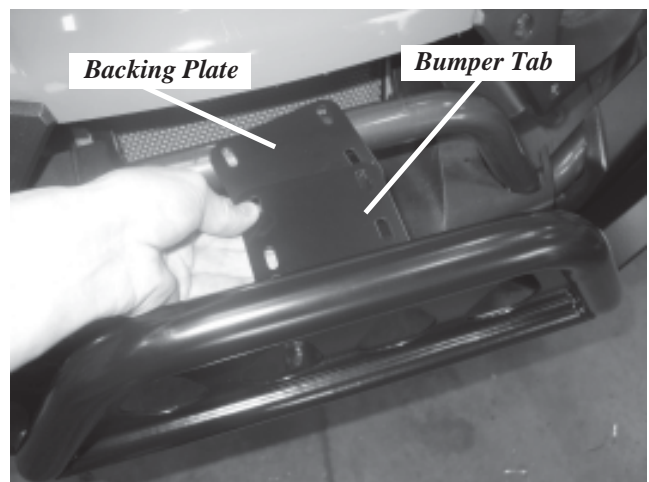
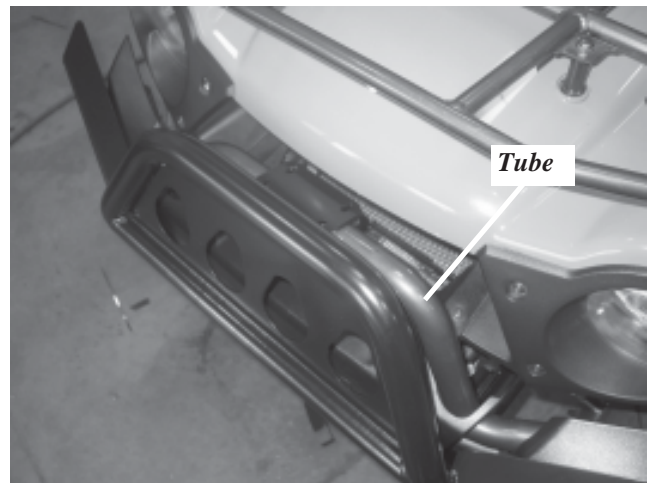


Figure 3

**INSTALLATION CONT.**

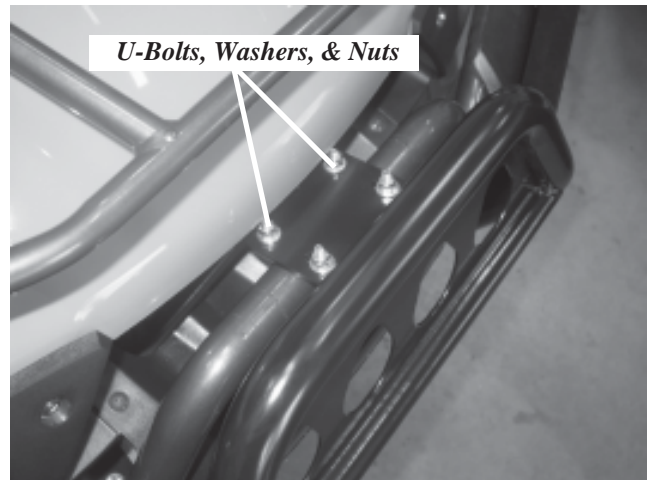
4. Position the bumper so that it rests on top of the front exposed tube, Figure 4.

**⚠CAUTION** The bumper can slip off of the front tube at this point. Do not let go of the bumper until it has been properly secured, see step 5.



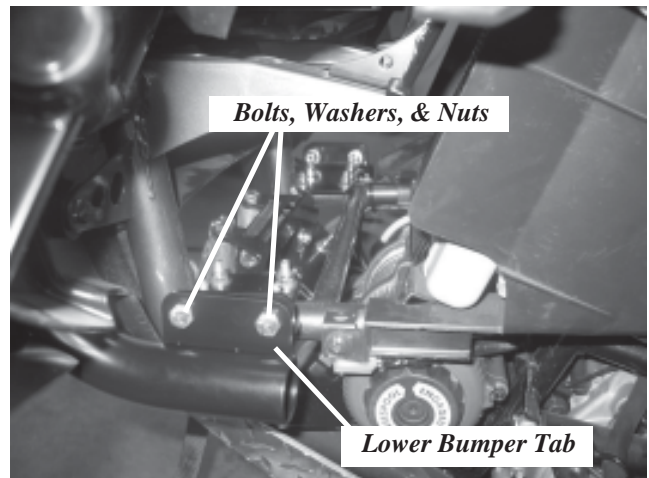
**Figure 4**

5. Loosely fasten the backing plate and bumper tab to the tube with the 1/4-20 x 1.5" x 2.25" u-bolts, flat washers, and lock nuts, Figure 5. Do not tighten the bolts at this time.



**Figure 5**

6. Loosely fasten the lower bumper tabs to the mounting brackets with the supplied 5/16-18 x 1" bolts, flat washers, and lock nuts, Figure 6.



**Figure 6**

***INSTALLATION CONT.***

**7.** Position the bumper so that it is centered on the ATV and there is a space between the stock plastic pieces and the bumper, Figure 7. Tighten all fasteners at this time to the recommended torque specifications found on page 2.



**Figure 7**

**8.** The bumper is now fully installed, Figure 8. See page 6 for instructions on mounting accessory trail lights.



**Figure 8**

**PROCEED TO SECTION TITLED “MAINTENANCE/CARE”.**

9. This bumper is equipped with holes for mounting accessory trail lights, Figure 9. The trail light brackets can be mounted to the bottom of the center section of the bumper.

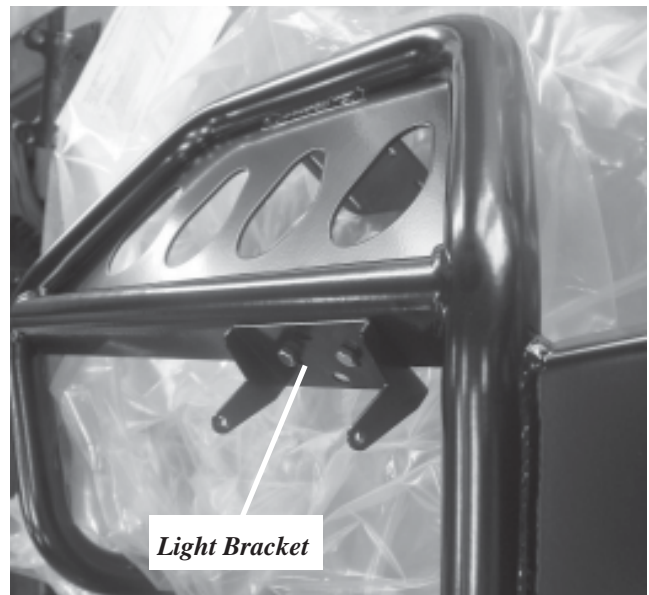


Figure 9

10. Figure 10 shows the fully installed bumper with two accessory trail lights mounted.



Figure 10

## VI. MAINTENANCE/CARE

1. Inspect all parts on the bumper and related hardware prior to each use. Replace all hardware that appears rusted or deformed.

### **⚠ WARNING**

**FAILURE TO SECURELY TIGHTEN ALL BOLTS ON THE BUMPER CAN RESULT IN PRODUCT FAILURE WHICH MAY RESULT IN VEHICLE DAMAGE AND OPERATOR INJURY OR DEATH. DOUBLE CHECK THAT ALL BOLTS ARE SECURELY TIGHTENED PRIOR TO USE.**