

# INSTALLATION INSTRUCTIONS

Description: A-Arm Guards  
Applications: 2003- LT-Z400

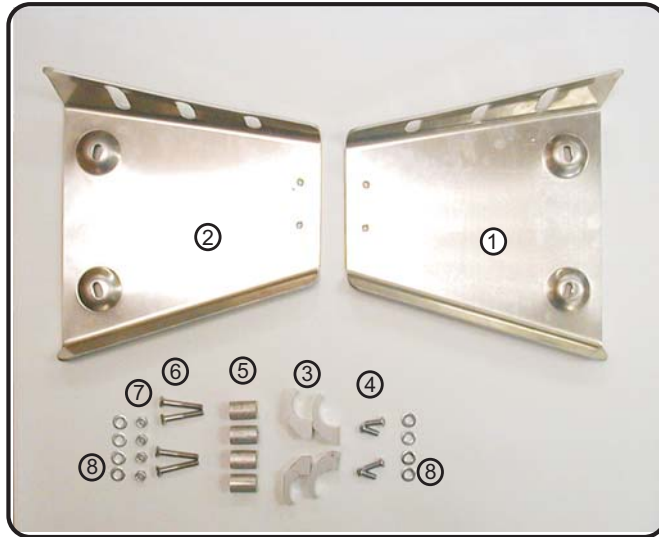
Part Number: **99950-70528**  
Installation Time: **.3 hours**

## Contents:

Reference#	Description	Qty
1	Left Side A-Arm Guard	1
2	Right Side A-Arm Guard	1
3	Aluminum Mounting Clamp	4
4	6 x 16mm Allen Head Screw	4
5	25mm Aluminum Spacer	4
6	6 x 40mm Flat Head Allen Screw	4
7	6mm Nylon Lock Nut	4
8	6mm Flat Washer	8

## Replacement parts:

Part# 99950-70528-001	Replacement Hardware Kit	
Contains:	Aluminum Mounting Clamp	4
	6 x 16mm Allen Head Screw	4
	25mm Aluminum Spacer	4
	6 x 40mm Flat Head Allen Screw	4
	6mm Nylon Lock Nut	4
	6mm Flat Washer	8




## Tools Required:

Tools Description
4mm Allen Wrench
10mm Wrench
4mm Allen Socket
Torque Wrench



## Important:

 **WARNING**  
**CAUTION**

Please read this manual and follow the instructions carefully. To emphasize special information, the symbol  and the words **WARNING**, **CAUTION**, and **NOTE** have special meanings. Pay special attention to the messages highlighted by these signal words.

**NOTE:**

**NOTE:** Indicates special information to make maintenance easier or instructions clearer.

## WARNING

Indicates potential hazard that could result in death or injury.

## CAUTION

Indicates potential hazard that could result in vehicle damage.

**GENUINE SUZUKI ACCESSORIES**

## Preparation Prior to Installation

Read instructions carefully. Lay out all parts and tools in a clean area. Visually inspect parts for possible damage from shipping.

### WARNING

Engine and exhaust system can be extremely hot. Let ATV cool down before beginning installation.

## GENERAL PRECAUTIONS

### WARNING

- \* Proper service and repair procedures are important for the safety of the service mechanic and the safety and reliability of the ATV.
- \* When two or more persons work together, pay attention to the safety of each other.
- \* When it is necessary to run the engine indoors, make sure the exhaust gas is forced outdoors.
- \* When working with toxic or flammable materials, make sure the area you work in is well ventilated and that you follow all of the manufacturer's instructions.
- \* Never use gasoline as a cleaning solvent.
- \* To avoid getting burned, do not touch the engine, engine oil, radiator, and exhaust system until they have cooled.

### CAUTION

- \* If parts replacement is necessary, replace the parts with SUZUKI Genuine Parts or their equivalent.
- \* When removing parts that are to be reused, keep them arranged in an orderly manner so that they may be reinstalled in the proper order.
- \* Use a torque wrench to tighten fasteners to the specified torque. Wipe off grease and oil if a thread is smeared with them.
- \* After reassembling, check parts for tightness and proper operation.

## Installation:

**NOTE:** To make installation easier stand ATV on it's tail and secure it in that position.

1. Place A-Arm plate into position, start with either left or right side (See Fig's. 1 & 3). Install supplied 40mm flat head screws to outside of A-Arm plate, slip 25mm aluminum spacers onto screw shaft and then mount into existing bolt holes on ATV A-Arms. Install supplied flat washers and locknuts on top side (leave loose).
2. Install supplied clamps in place to the inside (toward ATV) of the plate (See Fig. 2 & 4) and hook over the A-arm. Mount in place with supplied allen screws and flat washers (finger tighten only)
3. Adjust A-Arm plate to ensure adequate clearance and proper alignment of mounting clamps and bolts. Torque all bolts to 6 n.m. (4.5 lb ft).
4. Repeat installation procedure for other side A-Arm plate.
5. After installation (while ATV is still secured on it's tail) carefully turn front wheels from right to left full lock. Inspect for proper clearance between A-Arm plates and chassis, brakes, wheels and brake lines. If problems are found adjust A-Arm guards to obtain proper clearance.

### WARNING

Before operating ATV check for proper clearance between A-Arm guards and ATV chassis. With a rider in riding position ensure handlebars can be turned freely to left and right full lock without binding or any interference from chassis components. If any problem is found, please carefully follow through the installation steps again.

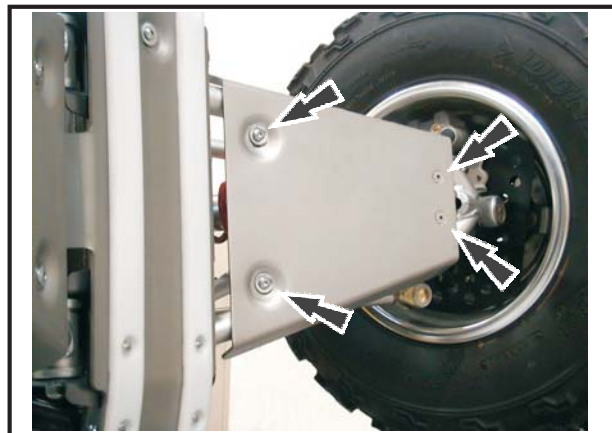


Fig. 1

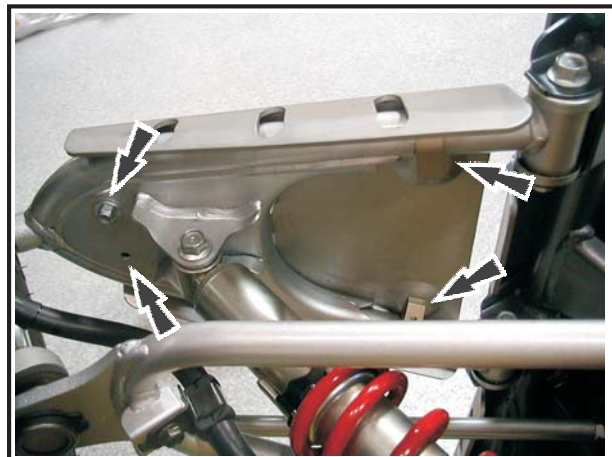


Fig. 2



Fig. 3



Fig. 4



### **Maintenance/Inspections:**

Inspect and check torque for mounting bolts is advised after the first **2 hours** of operation, then once every 30-40 hours of operation.

### **Troubleshooting:**

In the event of riding mishap where the A-Arm guards come in contact with the ground or other objects, it is recommended that the ATV and A-Arm guards be carefully inspected for damage and secure fit. If in doubt, replace damaged components.