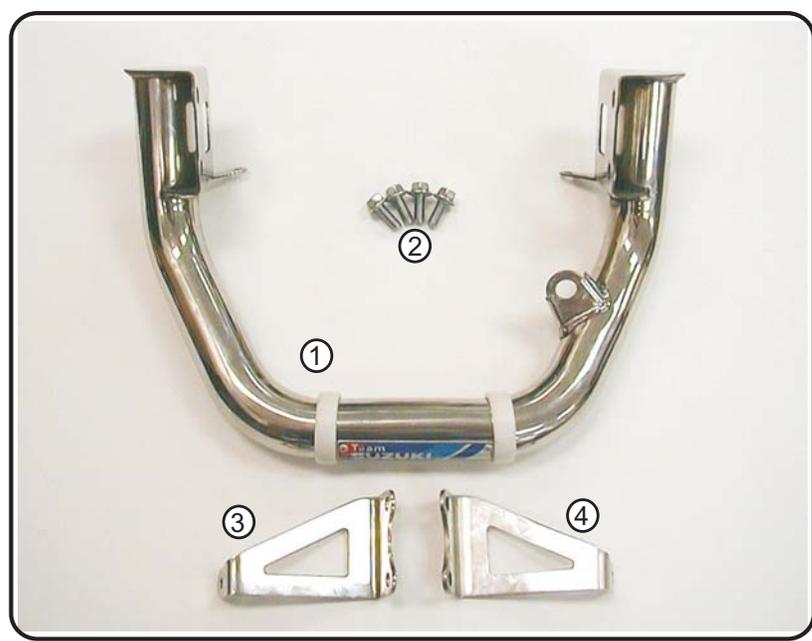


INSTALLATION INSTRUCTIONS

Description: Rear Grab Rail Part Number: **99950-70531**
 Applications: 2004- LT-Z400 Installation Time: **.3 hours**

Contents:

Reference#	Description	Qty
1	Stainless Steel Rear Grab Rail	1
2	8mm X 16mm Flange Head Bolt	4
3	Grab Rail Support Bracket - Left Side	1
4	Grab Rail Support Bracket - Right Side	1
Replacement parts:		
Part# 99950-70531-001	Replacement Hardware Kit	
Contains:	8mm X 16mm Flange Head Bolt	4
	Grab Rail Support Bracket - Left Side	1
	Grab Rail Support Bracket - Right Side	1
	Replacement Delrin Ring	2
	Zip Tie for Delrin Ring	2



Tools Required:

Tools Description
10mm & 12mm Socket
Ratchet
Torque Wrench



Important:

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.

-  **WARNING**
- CAUTION**
- 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.

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: Performance rear grab rail is designed to install over the top of the stock rear subframe.

1. Remove mounting bolts from stock rear fender support bracket on both sides.

NOTE: During installation it is recommended that Suzuki Thread Lock "1342" P/N# 99000-32050 be used on the 8mm mounting bolts.

2. Place performance rear grab rail into position. Install rear fender support brackets (See Fig. 2) to inside of performance rear grab rail, install 8 x 16mm bolts (Leave bolts loose).
3. Check performance rear grab rail alignment from the rear and sides. Adjust alignment as needed.
4. Torque 8mm bolts to 13 n.m. (9.5 lb ft).
5. Torque 6mm bolts to 6 n.m. (4.5 lb ft).



Fig. 1

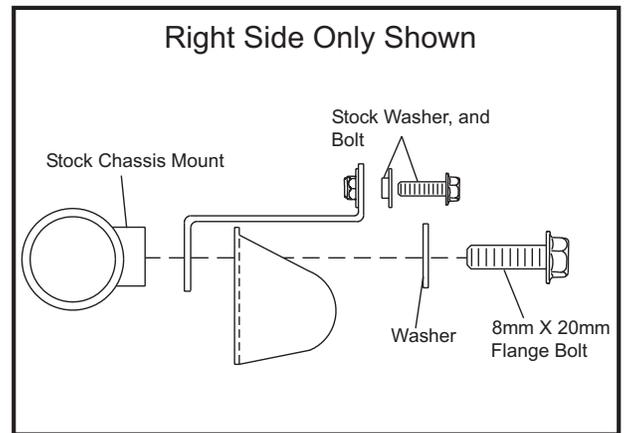


Fig. 2

⚠ WARNING

The performance rear grab rail is not designed to carry packages or accessories. Any such use may cause dangerous and unexpected ATV handling characteristics during operation. Never carry passengers on rear grab rail.

Maintenance/Inspections:

Inspecting and checking 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 performance rear grab rail comes in contact with the ground or other objects, it is recommended that the ATV and performance rear grab rail be carefully inspected for damage and secure fit. If in doubt, replace damaged Components.