

PRO CIRCUIT

01/06



RACE PROVEN

PRO CIRCUIT LINKAGE ARM ASSEMBLY INSTRUCTIONS

Pro Circuit Linkage Arm Part Number: SPA062504
Applications: '06 Suzuki RM125, RM250, RM-Z450



MADE IN USA

We at Pro Circuit Products, Inc. appreciate your purchase of the Pro Circuit linkage arm. Pro Circuit Products, Inc. has made every effort to supply the highest quality product that is unmatched by any other manufacturer today. In the event that you have any type of problems or questions, please call us at 951.738.8050.

Your Pro Circuit linkage arm was designed to lower the chassis of your motorcycle and firm up the initial linkage curve to help control chassis movement. This will make the motorcycle more stable in the corners and help control weight transfer on deceleration.

PLEASE READ ALL INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION.

Failure to follow all installation instructions completely will void any Pro Circuit Products, Inc. warranty implied or otherwise. Pro Circuit Products, Inc. will not be held responsible for problems derived from improper installation and/or improper usage.

Before you begin installing this product, be sure you are wearing eye protection and gloves. You should have a complete understanding of how to remove and replace your existing linkage arm. If you do not, you should have it installed by a professional mechanic.

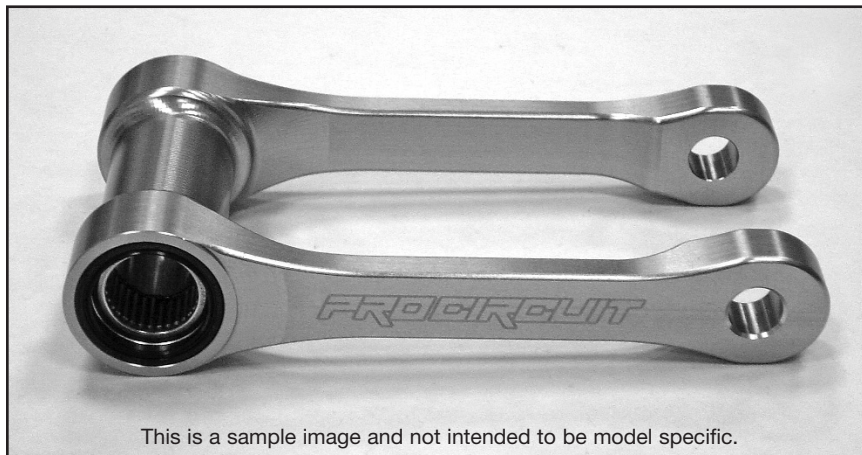
Keep all OEM parts when removing your existing linkage arm, as some parts may be utilized with the Pro Circuit linkage arm, depending on your particular application.

TOOLS & SUPPLIES REQUIRED:

- 17 mm socket or T-handle wrench
- Jack or Stand
Pro Circuit Works Stand
- Torque wrench
- Bearing grease
Maxima waterproof grease

PARTS INCLUDED:

PRO CIRCUIT LINKAGE ARM



This is a sample image and not intended to be model specific.

1 - Linkage arm

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PRE-INSTALLATION: PREPARING THE MOTORCYCLE

- 1 Using a jack or stand under the frame, raise the rear wheel off the ground.

REMOVAL: STOCK LINKAGE ARM

CAUTION: When pulling out the mounting bolts, lift the rear wheel slightly. Forcing or tapping on a bolt could damage the bolt, sleeve and bearing.

- 1 Remove the stock linkage arm rear mounting bolt.
- 2 Remove the stock linkage arm from mounting bolt, and then take out the stock linkage arm.
- 3 Remove the stock end caps and bearing sleeve.

NOTE: It is very important to check all bearings, seals, end caps and sleeves for damage and proper lubrication. Inspect all linkage bolts, especially the main link bolt for wear and proper straightness. Main link bolts are prone to bend during hard use. A bent bolt will cause binding, impeding handling and stability. Also, clean all of these parts thoroughly before using.

INSTALLATION: PRO CIRCUIT LINKAGE ARM

- 1 Apply plenty of bearing grease to the bearings and the stock sleeve.
- 2 Install the stock sleeve and stock end caps onto the Pro Circuit linkage arm.

NOTE: Make sure the end caps, when pressed together, will pivot back and forth slightly and turn inside the arm.
- 3 Install the Pro Circuit linkage arm and be sure the stock end caps are seated correctly.
- 4 Install the linkage arm front and rear mounting nuts and bolts.
 - TIGHTEN THE BOLT BY HAND ONLY, AT THIS TIME.
- 5 Take the motorcycle off the jack or stand to put weight on the rear wheel.
- 6 Tighten the linkage arm front and rear mounting nuts. **TORQUE:** 83 N•m (8.5 kg-m, 61 lb-ft)

POST-INSTALLATION: INSPECTION

- 1 Congratulations. You have now completed the assembly of your Pro Circuit linkage arm.
- 2 Periodically check all the bolts to ensure that they are properly fastened.