

Installation of Jim's Marauder Mapam Peg Extensions

Tools needed: Metric Sockets and wrenches
 Pliers, Blue loctite, Hacksaw

Remove right side Mapam peg assy.

1. Remove the cotterpin and the brake cable pin at the Mapam. Loosen the rear brake adjustment at the rear wheel.
2. Loosen the rear brake cable adjusting nut at the rear wheel.
3. Remove the two 17mm bolts holding the Mapam assy to the frame.
4. Loosen the the 14mm nut holding the brake cable to the Mapam completely. Remove the brake switch cable and the brake cable from the Mapam.
5. With the hacksaw or pliers remove the brake cable bracket from the Mapam assy.

Install right side extension.

1. Install the brake and switch cables into Jim's new ride side extension piece.
2. Install the 10mm/30mm bolt through the Mapam front hole into the ext. front hole, install the locknut loose.
3. Using 1 Mapam bolt with washer install in the rear hole of the Ext. Put the Mapam spacer on this bolt.
Install the new bolt provided through the rear hole on the Mapam into the Ext. and put the other Mapam spacer on this bolt.
Screw both bolts into the frame holes.
4. Torque all bolts to 25 Foot pounds. Tighten the nut on the rear Brake cable too.
5. The alum brake cable extension is installed next. It has one side that was ground down to fit into the stock brake and switch cables.
6. Using the pin removed in step 1. Install the brake cable extension to the brake/switch cables. Install the cotterpin into the pin to hold the assy together.
Note: it is always best to use a new cotterpin.
7. Using the button head bolt and locknut. Install the other end of the brake cable extension to the Mapam.
Leave this bolt a little loose to allow movement and apply some oil to the bolt now and after cleaning your Marauder.
8. Adjust the rear brake cable at the rear wheel so the brake feels good to you. You can also adjust the petal position on the Mapam to what works for you.
9. Check that the rear brake petal turns on the brake light when depressed and the brake light is not on all the time. Adjust the rear brake switch to get proper operation if needed. It's behind the lower right side cover.

Remove left side Mapam peg assy.

1. With a 10mm wrench loosen the front and rear nuts on the shift rod. Using a 8mm wrench remove the shift pivot at the trans.

Note: The bolt has to be removed to get the Pivot off the shaft.

2. Unscrew the shift rod from the pivot and install Jim's shift rod extension to the rear of the Mapam shift rod.
3. Remove the two bolts holding the Mapam to the frame.

Install left side extension.

1. Using the new bolts, lock washers mount the new bracket to the frame. Put some loctite on these bolts before tightening.

Note: The rounded corner is in the top left of the new bracket when installed.

2. Using the 2 Mapam bolts, spacers and new locknuts mount the Mapam peg to the new bracket.
3. Torque all bolts to 25 Foot pounds.
4. Install the shift rod and adjust the shift petal for the position that suits you. Tighten the locking nuts on the shift rod. Make sure the Pivot is pointing up and vertical. Tighten the 8mm pivot bolt.

Finished with installation.

1. Check all nuts and bolts for tightness.
2. Take your Marauder for a ride and enjoy the new forward position of your Mapam controls.