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Suzuki RMZ 450 2005-07 SUB Mount installation guidelines:

Notes: These instructions cover sub mounts for both stock and Scotts or BRP triple clamps. The SUB mount raises the relative position of the bar-to-rider height. Lower bend bars are available as an option, if needed. "SUB" mount, stands for **S**tabilizer **U**nder **B**ars.

1. Remove the 4 bolts that hold your bars tight, and lay your bars forward out of the way.
2. Remove the number-plate and top triple clamp, making careful note of where all the cables are routed and keeping them out of harms way. Route them exactly as they were from the factory when re-installing the triple clamp.
3. Install the frame bracket by removing the pinch bolt and spreading the bracket slightly, to allow it to slip over the frame head tube. It is intended to fit tightly around the head tube and sit all the way down flush. Be sure there are no obstructions that might keep it from fitting properly such as dings or flaws in the machined area on the head tube.
4. Gently tap the bracket down with a rubber mallet until it seats evenly and completely all the way around the head tube. It's best to snug the pinch bolt and tap the bracket until its flush and then tighten the pinch bolt to 6-8 ft-lbs. Tap and snug, tap and snug etc.
5. Install the stock or Scott's triple clamp back on the bike and tighten the main nut to the OEM specifications.
6. Be sure to tighten the fork pinch bolts after the main nut is tight.
7. If using stock triple clamps, now is the time to install the sub mount by removing the stock lower perches and replacing them with the new sub mount assembly.
8. Be sure the nuts are tight that hold the lower perches onto the triple clamp. These are on the bottom of the triple clamp.
9. Grease the tower pin and insert it into the tower. The tower pin is designed to float and rotate freely. Keep it greased. It should stick through the top of the link arm with about 2mm showing above the top side of the link arm. Because the bars are rubber mounted, they are going to flex. Don't allow the tower pin to make contact with the bottom of the body during this flexing.
10. Install the stabilizer to the SUB mount by first aligning the slot in the linkarm with the tower pin. BEFORE you tighten the bolts for the stabilizer, check the tower pin height to be sure it does not make contact with the bottom of the stabilizer body.
11. The tower pin height should be adjusted as per the manual. It shows you how to easily change the tower pin position by moving the adjustable collar up or down on the tower pin.
12. Tighten the (2) bolts that hold the stabilizer on, once the tower pin height is correct.
13. Install the bars and tighten the 4 retaining bolts evenly, so the gap between the upper and lower perches is evenly spaced.
14. Turn the bars left to right, full lock, and be sure nothing on the under side is making contact with the frame bracket and that the cables are free and clear and not pinched are being pulled tight.
15. Rotate the bars slowly from left to right to each extreme and be sure the steering stops make contact and that the stabilizer has not become the steering stop or you can damage the "shear pin", a built in safety feature not found on any other stabilizer. Turning the bars left to right will also allow you to see if you've centered the frame bracket on the backbone of the bike. When the bars are straight ahead, the linkarm of the stabilizer should be centered on the frame.
16. Refer to your Owner's Manual for initial settings and how the controls operate.
17. Should you have any questions, please feel free to call us and we'll be glad to help you.



Spread the bracket gently, only enough to allow it to slide over the head tube.



The frame bracket must sit flush, all the way around on the top of the head tube.



When the frame bracket is on, the machined area showing below the bracket, should be equally spaced.



This shows the conventional mounted stabilizer on the RMZ 450 using the stock triple clamp.



Sub mount in place with Black BRP triple clamps & Pad



Sub mount in place with optional large knob shown.