

MB-3 & 4 MECHANICAL TOGGLE CALIPER

Installation Instructions

1. Slip the caliper assembly on to your rotor. Tighten the (2) 3/8-24 X 3 1/2 bolts until the pads are close, but loose on the rotor. Measure the distance from the mounting bracket to your mounting point. The tubes on the mounting bracket should be positioned to keep the inner pad on the tubes when the caliper is locked up.
2. Fabricate your bracket.
3. Adjust the (2) 3/8-24 X 3/4 stops to stop the inner pad as soon as it clears the rotor. This also holds the inner pad straight and then any extra movement of the activating lever will move the outer pad off of the rotor.
4. Tighten or loosen the (2) 3/8-24 X 3 1/2 bolts to adjust the toggle. The activating arm should not touch the stop in the cutout. The closer the toggle is to straight the more holding power it will have. Tighten the (2) 3/8-24 X 3 1/2 bolts to make the toggle have more or less of an angle when the brake is applied.
5. Count the number of clicks of the handle with the caliper adjusted. Disconnect the clevis pin from the caliper and then count the number of clicks the handle will move. This is to make sure the cable and handle can move more than the amount needed to apply the caliper.
6. The spring will hold the pads off of the rotor if your cable and brake lever let it go off far enough.
7. Using a push pull cable or a solid rod will positively push the lever off and hold the pads off of the rotor.
8. The truer the rotor runs the less movement the pads have to move to remove them from the rotor.