

Clearance Adjustment Bracket for MA-52 & MA-52X

INTRODUCTION

When fitted with the MAA-30A Clearance Adjustment Bracket and properly adjusted, the MA-52 Laboratory Mixer meets ASTM C109, C227, C305, AASHTO T106, and T162.

INSTALLATION INSTRUCTIONS

A. Mounting and Adjusting the Bracket

1. Remove two front existing motor mounting bolts (see Figure 1).
2. Attach bracket with long replacement mounting bolts provided (see Figure 2).
3. For **ASTM C305**, adjust clearance between the paddle and bowl to between 0.8 and 2.5mm.
4. For **ASTM C227**, adjust clearance between the paddle and bowl to between 5mm and 6mm.
5. If required, notch yoke to obtain proper clearance as follows:
 - a. Remove yoke from mixer by removing four mounting screws (see Figure 3).
 - b. Remove two yoke mounting screws (see Figure 4).
 - c. File or cut notch in yoke as indicated in Figure 5.
 - d. Reassemble by reversing directions a. through c.
6. Repeat step 3.

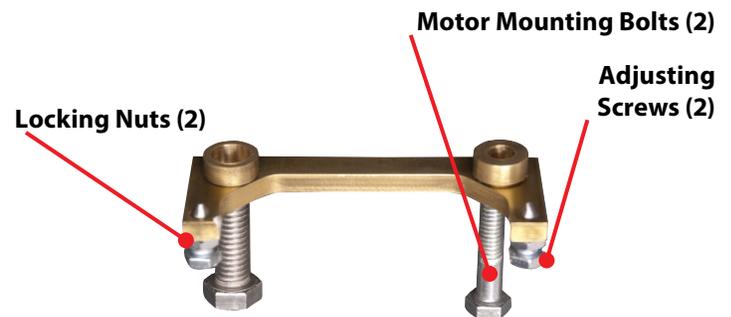
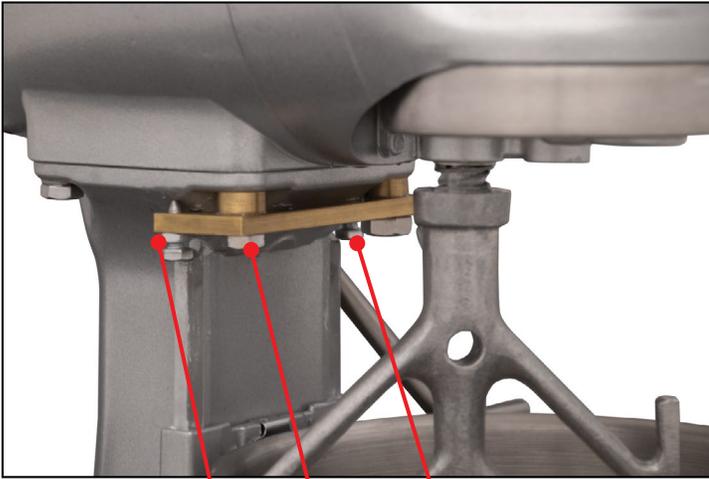


Figure 1

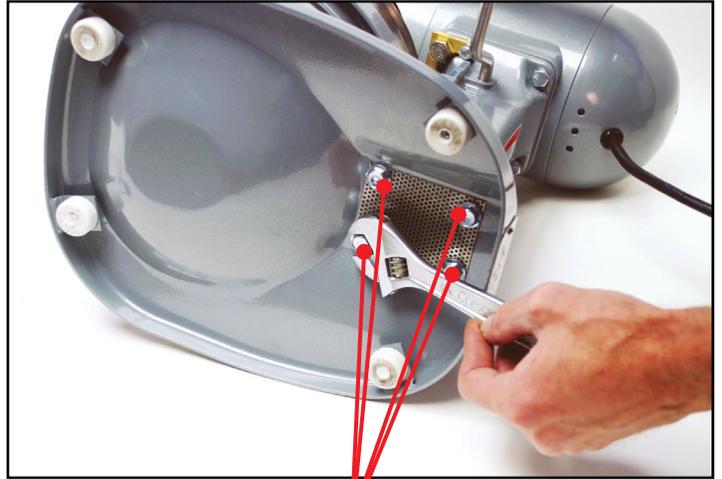
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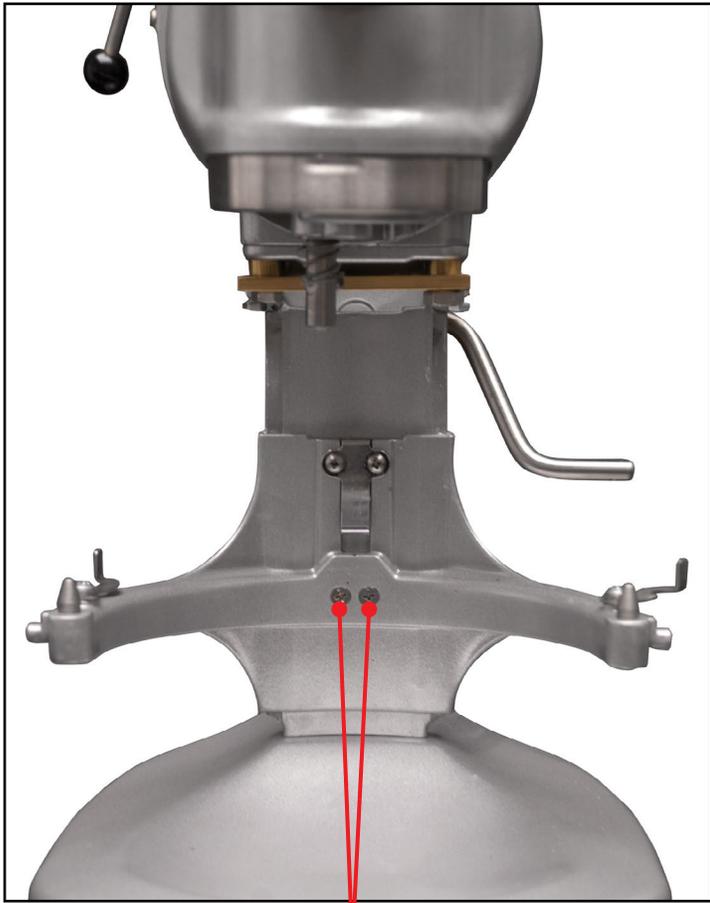
Locking Nuts (2)
Motor Mounting Bolts (2)
Adjusting Screws (2)

Figure 2



Base Mounting Screws (4)

Figure 3



Yoke Mounting Screws (2)

Figure 4

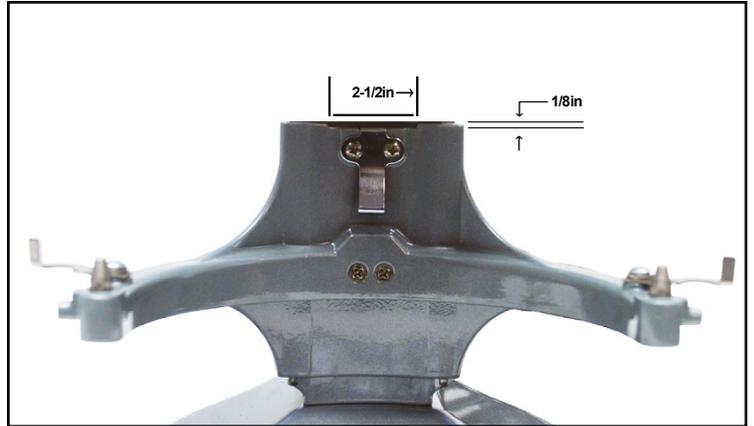


Figure 5