

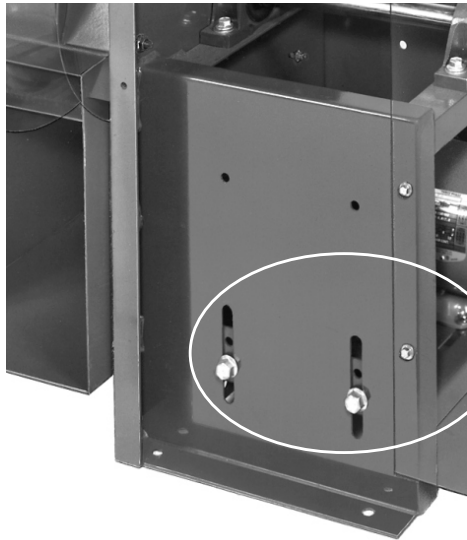
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MOTOR CHANGEOUT ON CMB SERIES FANS

CAUTION: BEFORE PROCEEDING WITH ANY REPAIRS TO FAN, MAKE SURE ALL LOCKOUT AND TAGOUT PROCEDURES ARE FOLLOWED. ALL POWER MUST BE DISCONNECTED FROM THE FAN

Remove weather cover from fan if installed. Remove wiring to motor. (Make a not of the wiring configuration so you can use it on the next motor.)

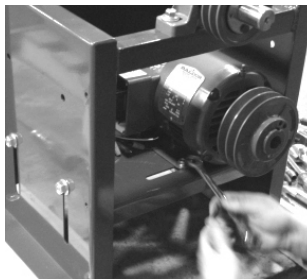
The belts on the two pulleys are tight under tension. To relieve the tension and put slack in the belts, loosen the bolts (see below) on both sides of the motor platform. Raise the motor platform until there is slack in the belt, and tighten the bolts to hold the motor in the elevated position.



Loosen the two bolts on one side of motor platform. Raise platform until there is slack in the belts. Tighten bolts to hold motor in upright position.



When tension is off belts, they can be removed from pulleys.



Remove bolts that hold motor to the platform. Remove the motor, and remove the motor sheave attached to the motor. Attach the new motor in the same way the old motor was attached to the base.

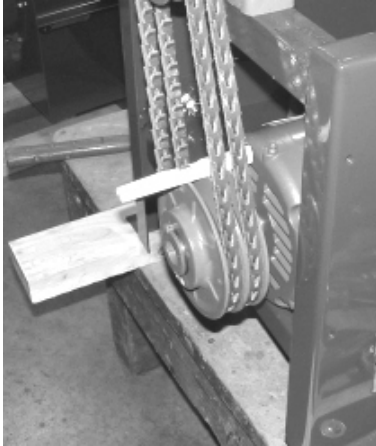


Attach the motor sheave to the new motor, making sure the drives are aligned. Reposition the belts on the two drives. **NOTE:** If belts show signs of wear, replace both belts at this time.



Loosen bolts on motor base to put tension on the belts, one side at a time, checking after each side to make sure the motor drive is level with the fan wheel shaft.

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Check level of motor pulleys and shaft to make sure they are the same. Make sure the pulleys are aligned properly. Allow for bushing to draw sheave when tightening. After adjustment "peen" key in bushing with punch.



Tension on belts should be tight to prevent belt slippage.

Rewire motor at this time, using wiring guide on motor, or from manual. If you need to refer to a wiring diagram that is not listed in the fan O&M manual, they can be downloaded on line at the sites listed in the manual or by contacting the factory.

After connecting power, check fan to make sure fan is operating properly and without any noticeable vibration. If any vibration is noticeable, sheaves may be out of alignment, or motor may not be level. Recheck all installation steps if necessary. If you need factory assistance, please give us a call.