



WINNEBAGO INDUSTRIES TRAVEL LOCK FIELD REPAIR

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This tip sheet addresses an issue with the Kwikkee room lock mechanism. A tolerance issue between a SCREW on the MOTOR and the motor MOUNTING BASE can cause the MOTOR not to move back and forth or “float” (**FIGURE 1**). This can cause the room lock not to retract or bind when retracting. This lack of floating can cause the MOTOR SHAFT to bind on the ALUMINUM BASE HOUSING (**FIGURE 2**). There are two remedies for this, and they are outlined in this document.

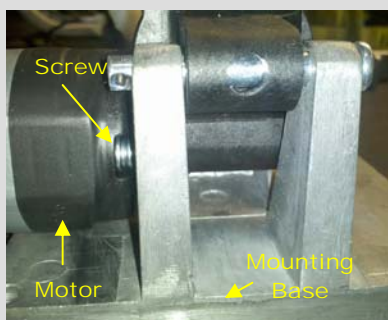


Figure 1

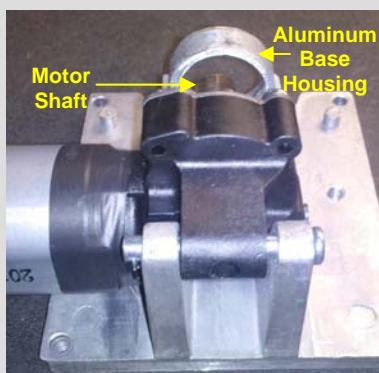


Figure 2

Warranty Time		
Diagnostic Time	Repair Time	Total
0.5	0.5	1.0

FIELD REPAIR FOR A BINDING TRAVEL LOCK MOTOR

Please read and review the information and instructions before attempting repairs.

REMOVING MOTOR FROM BASE:

1. Remove the PIN that attaches the MOTOR SHAFT to the DRIVE NUT ASSEMBLY. **FIGURE 3**
2. Remove the HAIRPIN from the CLEVIS PIN that holds the MOTOR to the MOUNTING BASE. **FIGURE 4**
3. Remove the CLEVIS PIN. **FIGURE 4**
4. Remove the motor from the MOUNTING BASE.
5. At this point, there are two options for making the repair.

OPTION 1:

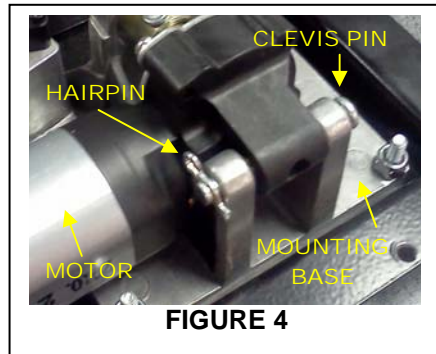
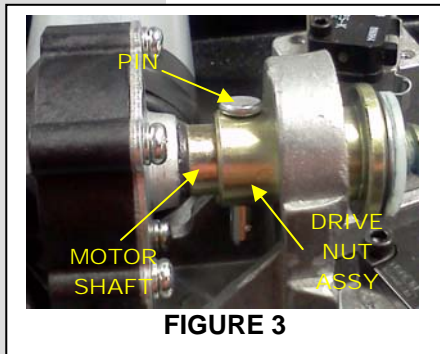
1. Remove the SCREW shown in **FIGURE 5** from the MOTOR.
2. On the screw are a FLAT WASHER and a LOCK WASHER. Using a pair of NEEDLE-NOSE VICE GRIP pliers, gently grasp the FLAT WASHER only. Using a PHILLIPS SCREW DRIVER, turn the SCREW counter-clockwise to remove the FLAT WASHER. **FIGURE 6**
3. Turn the MOTOR upside down, as shown in **FIGURE 7**, and replace the SCREW. Tighten snugly.
4. Return the MOTOR to the MOUNTING BASE.
5. Reinsert the PIN that attaches the MOTOR SHAFT to the DRIVE NUT ASSEMBLY. **FIGURE 3**
6. Insert the CLEVIS PIN through the MOUNTING BASE and MOTOR. Insert the HAIRPIN into the end of the CLEVIS PIN. **FIGURE 4**
7. This completes the repair.

OPTION 2:

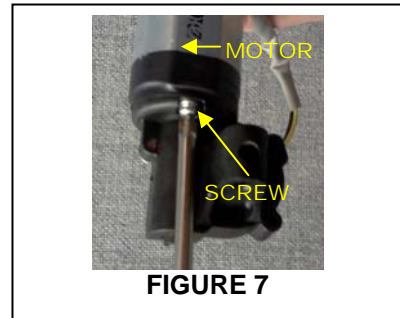
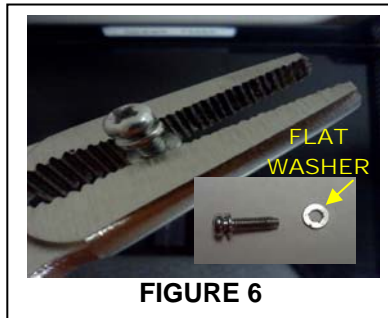
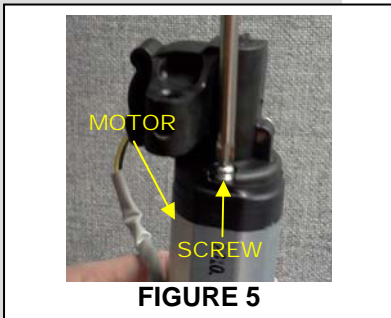
1. Using a DIE GRINDER (or similar tool), notch the aluminum MOUNTING BASE as shown in **FIGURE 8**. This allows the motor to “float” back and forth in the MOUNTING BASE. **FIGURE 9** shows a properly notched mounting base. There should be sufficient clearance so that the SCREW HEAD doesn’t come in contact with the MOUNTING BASE.
2. Return the MOTOR to the MOUNTING BASE.
3. Reinsert the PIN that attaches the MOTOR SHAFT to the DRIVE NUT ASSEMBLY. **FIGURE 3**
4. Insert the CLEVIS PIN through the MOUNTING BASE and MOTOR. Insert the HAIRPIN into the end of the CLEVIS PIN. **FIGURE 4**
5. This completes the repair.



REMOVING MOTOR FROM BASE



OPTION 1



OPTION 2

