





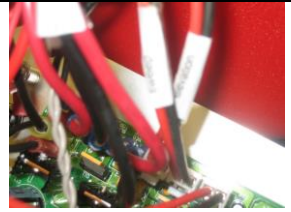

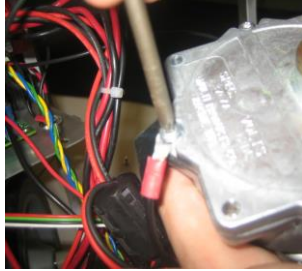



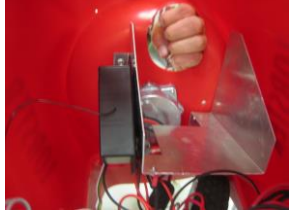




## Replacing and Installing a New Feed Motor

**Elite Models that Apply: EL0L-EL05LE, Pickle & Pickle 2**

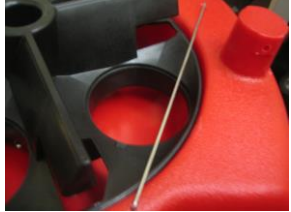
Step	Description	Tools	Picture
1	Remove the (2) Wire Deflectors from the top of the red case and set aside.	Pliers	 <p style="text-align: center; font-size: small;">Deflector Wires</p>
2	Remove the Feed Wheel or Index Wheel from the top of the red case by turning it to the right (clockwise). Remove and set aside.		 <p style="text-align: center; font-size: small;">Index Wheel and Deflector Wires Removed</p>
3	Unscrew to (2) outermost screws on the top of the red case that attach the metal ball guide from underneath (inside red case).	Phillips Screw Driver	 <p style="text-align: center; font-size: small;">Feed Motor Screws</p>
4	Remove the red case by unscrewing the (6) phillips screws along the bottom of the red case that attach to the chassis of the machine. Lift the red case off the machine and set aside being careful not to disconnect any wires.		 <p style="text-align: center; font-size: small;">Case Screws (Front &amp; Rear)</p> <p style="text-align: center; font-size: small;">Case Screws (Side)</p>

			 <p>Case Removed</p>
<p>5</p>	<p>Unscrew the (4) remaining screws on the top of the red case that attach the feed motor, pull out and set aside.</p>		 <p>Feed Motor Mounting Screws</p>
<p>6</p>	<p>Follow the red (positive) and black (negative) wires from the feed motor to the green electronic board (PCB) on the back of the control panel. Disconnect the white wire connector from the "Feed" connection tab.</p>		 <p>Labels On Feed Wires</p>  <p>Feed Connection</p>
<p>7</p>	<p>Using a Torx Drive (T15) or Star Drive, unscrew the black ground wire from the housing screw on the feed motor.</p>	<p>Torx Drive</p>	 <p>Ground Wire to Motor Housing</p>
<p>8</p>	<p>Reconnect the black ground wire to the feed motor housing screw on the new motor. The ground wire should be attached to the screw that is the farthest from the feed motor shaft.</p>		 <p>Ground Wire Attached</p>

<p>9</p>	<p>Reattach the white plastic wire connector from the feed motor to the tab labeled "Feed" on the green electronic board (PCB) on the back of the control panel. Ensure that the red (positive) wire is connected on the right of the connection tab.</p>		 <p>Feed Connection</p>
<p>10</p>	<p>Insert the feed motor up through the red case with the motor shaft through the center hole. Align the screw holes in the feed motor to the holes in the red case and tighten screws.</p>		 <p>Align Feed Motor Screws</p>
<p>11</p>	<p>Reattach the metal ball guide to the red case by aligning the screw holes in the ball guide to the (2) outer most holes in the top of the red case and tighten.</p>		 <p>Reattach Ball Guide</p>
<p>12</p>	<p>Place the red case onto the chassis of the machine and reattach by screwing the (6) phillips screws along the bottom of the red case that attach to the chassis of the machine.</p>		 <p>Case Screws (Front &amp; Rear)</p> <p>Case Screws (Side)</p>
<p>13</p>	<p>Reattach the black Feed Wheel or Index Wheel by placing the wheel over the feed motor shaft from the top of the red case. Turn the index wheel with your hands to the left or counter-clockwise. Once the index has been turned all the way to the left, with both hands on index wheel, give one final turn or "jolt" to ensure it is tight.</p>		 <p>Tightening of Index Wheel</p>

# Repair Instructions



14	Reattach the (2) Deflector Wires to the top of the red case. Turn on the machine, adjust the feed dial on the control panel allowing for the 20 second delay, and ensure index wheel is turning.		 <p>Deflector Wires</p>
	<b>E870 Feed Motor</b> <b>E587 Index Wheel</b> <b>E586 Deflector Wires</b>		