

10260A Motor kit Replacement Instructions 51205551-501 through 505

Document Number

Form: 62-86-33-11

Effective: 5-27-99

Supersedes: None

Summary

This kit contains a new motor for your 10260A actuator.

Procedure

See Table 1 for procedure.

WARNING

Disconnect power before accessing components inside the instrument.

ATTENTION

When working with circuit cards always protect against electrostatic discharge by wearing a grounded wrist strap.

Table 1 10260A Motor Installation Procedure

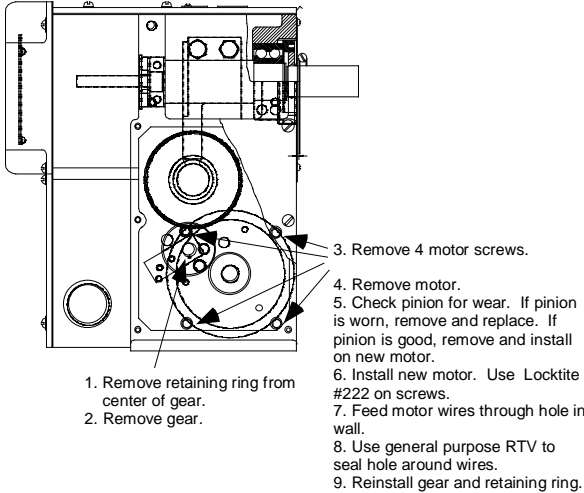
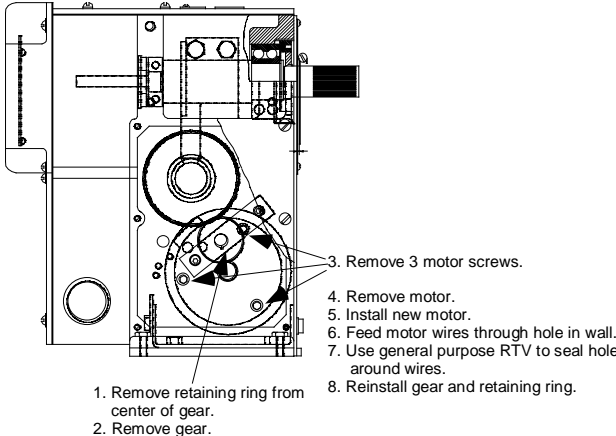
Step	Action
1	Remove left side cover and lower rear cover.
2	Disconnect motor wiring: <ul style="list-style-type: none"> • Remove terminal board cover and 2 screws securing terminal board. • Remove wires from TB1-3 (white), TB1-4 (black), TB1-6 (green). (TB1 is uppermost terminal board.)
3	<p>Replace motor:</p> <p>10261, 10262, 10264, 10266-10269</p>  <p>1. Remove retaining ring from center of gear. 2. Remove gear.</p> <p>3. Remove 4 motor screws. 4. Remove motor. 5. Check pinion for wear. If pinion is worn, remove and replace. If pinion is good, remove and install on new motor. 6. Install new motor. Use Locktite #222 on screws. 7. Feed motor wires through hole in wall. 8. Use general purpose RTV to seal hole around wires. 9. Reinstall gear and retaining ring.</p> <p>10263 & 10265</p>  <p>1. Remove retaining ring from center of gear. 2. Remove gear.</p> <p>3. Remove 3 motor screws. 4. Remove motor. 5. Install new motor. 6. Feed motor wires through hole in wall. 7. Use general purpose RTV to seal hole around wires. 8. Reinstall gear and retaining ring.</p> <p style="text-align: center;">Figure 1 Motor Replacement</p>
4	Connect motor wiring: <ul style="list-style-type: none"> • Connect wires to TB1-3 (white), TB1-4 (black), TB1-6 (green).

Table 1 10260A Motor Installation Procedure

Step	Action
5	<p>Replace and rewire capacitors, if applicable:</p> <p>Capacitors are mounted behind the terminal board plate. See Figure 2.</p> <ul style="list-style-type: none"> • Units 10263 & 10265, 120V: 60 Hz: use 11μf capacitor. 50 Hz: use 13μf capacitor. • Units 10263 & 10265, 240V: 60 Hz: use 3μf capacitor. 50 Hz: use 4μf capacitor. • Units 10261, 10262, 10264, 10266, 120V, 50/60 Hz: Use 7.5μf capacitor • Units 10267-10269, 120V, 50/60 Hz: Use 14μf capacitor • Units 10261, 10262, 10264, 10266-10269, 220/240V: 60 Hz: use 3μf capacitor 50 Hz: use 4μf capacitor <div data-bbox="565 856 1226 1199" style="text-align: center;"> </div> <p style="text-align: center;">Figure 2 Location of capacitors</p>
6	<p>Reinstall terminal board with 2 screws.</p>
7	<p>Check motor operation:</p> <ul style="list-style-type: none"> • Connect power and check motor for proper operation. If necessary, rewire to correct.
8	<p>Install new gaskets and reattach covers.</p>