



Motor & Drive Assembly

Watch the demo 


53. Slide the aluminum spacer ring taper lock bushing and key onto the electric motor DE (drive end) shaft. This ring eliminates the need for any additional measurement. Tighten the taper lock setscrew onto the key.



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54. Attach the drive coupler onto the taper lock adapter and torque evenly to 90 inch lbs. Tighten in a series of ever-increasing steps and using a consistent pattern.



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55. Attach the bell-housing adapter to the motor.

WARNING: Never connect an unloaded motor to more than 12V to test. If higher voltage is applied, an unloaded motor will runaway.

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56. Test the motor/coupler alignment by attaching a 12V battery charger to the motor. Connect terminal A1 to terminal S1 using the 2/0 jumper cable supplied. Connect the negative charger lead to terminal S2, and the positive charger lead to terminal A2. The motor will rotate when the charger is activated. Check the motor coupler for proper alignment and smooth rotation.



Complete Shop Checklist 7

