480F/LL
Construction King

Service Manual

Bur. 8-12812

CASE

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SPECIFICATIONS

Rated output	14 volts at 65 amperes
Resistance of rotor winding	2.52 to 3.08 ohms
Maximum runout for slip rings	0.05 mm (0.002 inch)
Minimum diameter of slip rings	26.8 mm (1.055 inch)
Resistance of stator coils	0.09 to 0.11 ohms
Minimum length of brushes	7 mm (0.27 inch)
Torque for nut for pulley	60 to 70 Nm (44 to 55 pound-feet

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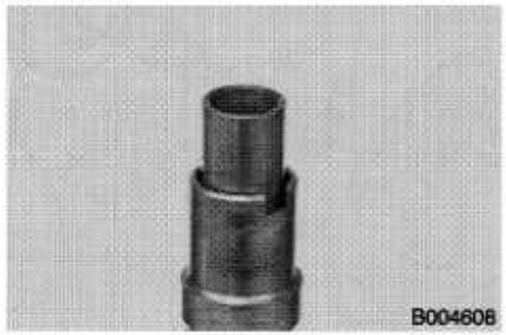
ASSEMBLY OF CONTROL VALVE

STEP 87



Install a new O-ring in the groove in the control valve.

STEP 88



Lubricate the piston and bore for the piston with clean oil and install the piston, closed end first, in the control valve.

STEP 89



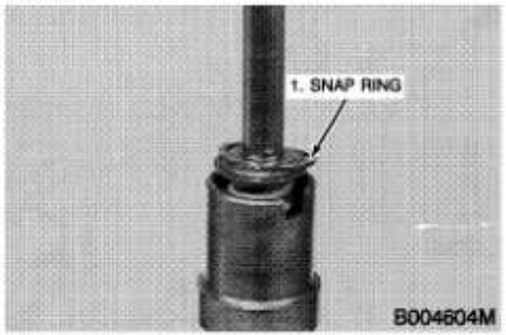
Install the spring.

STEP 90



Install the spring seat.

STEP 91



Put the snap ring and driver on top of the spring seat.

STEP 92



Compress the spring until the snap ring can be installed in the groove in the control valve. Then install the snap ring in the groove.

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