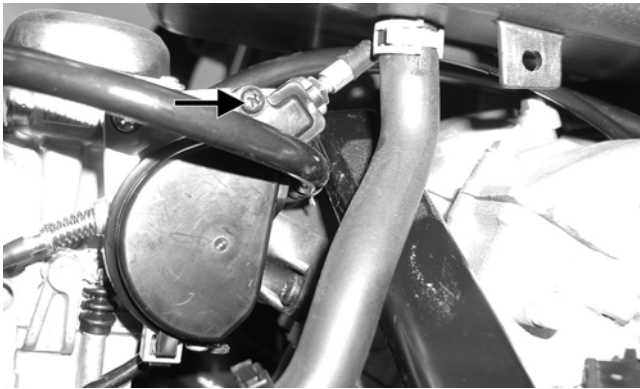


- Place the throttle actuator cover into position on the carburetor; then secure with the screw.



- Position the carburetor in the air cleaner boot and intake pipe assembly; then secure with the clamps.
- Connect the hose from the carburetor to the gas tank.
- As necessary, secure the air-intake snorkel, the air filter housing cover, or the air filter housing.
- Install the seat.

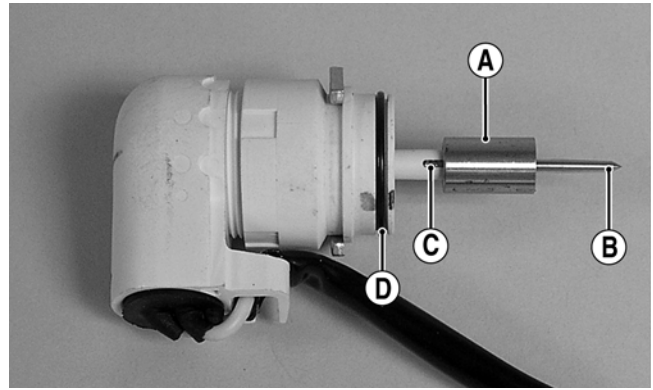
## Electric Choke (650)

### REMOVING

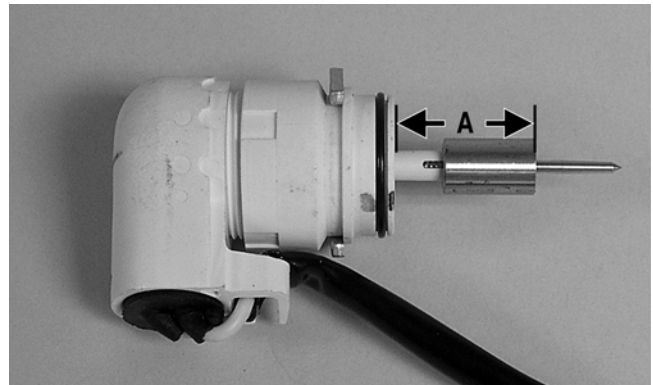
- Disconnect the electric choke connector from the wiring harness; then remove the screw securing the choke body to the carburetor.
- Carefully remove the choke assembly from the carburetor taking care not to force the plunger from the carburetor body.

### INSPECTING/TESTING

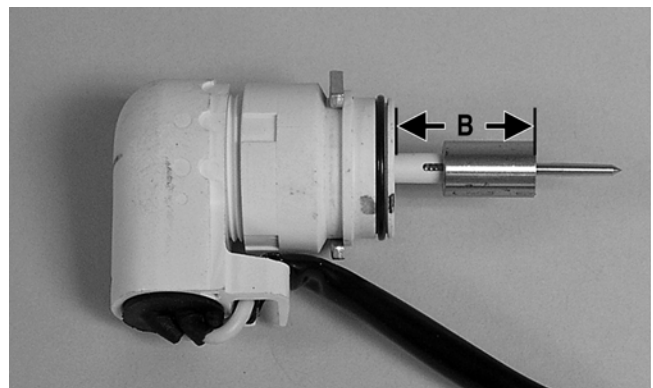
- Inspect the plunger (A) for scoring or scratches, the needle (B) for damage to the tip, the spring (C) for breakage, and the O-ring (D) for breaks.



- With the choke at room temperature (approximately 70° F), measure plunger extension. Measurement (A) should be 18.6-19.1 mm.



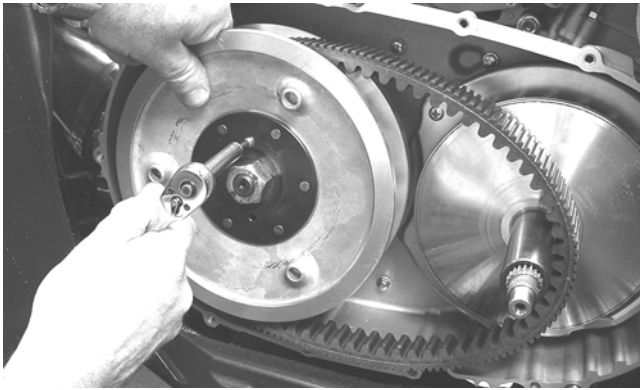
- Connect Electric Choke Test Harness to the choke connector and a suitable 12 DC volt power supply for 2-3 minutes. Disconnect the power and measure plunger extension. Measurement (B) should be 22.1-23.4 mm.



- If the choke is damaged or the measurements are not within specifications, the choke must be replaced.

### INSTALLING

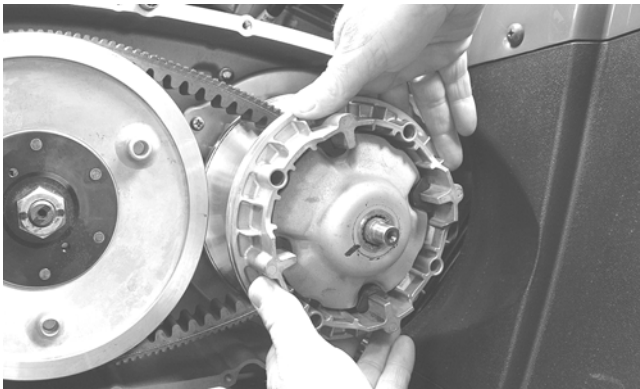
- Lightly lubricate the O-ring on the choke body; then carefully insert the choke assembly into the carburetor being careful not to damage the plunger.
- Secure the choke with the screw and tighten securely; then connect the choke connector to the wiring harness.



KC137

■NOTE: The arrows on the V-belt should point in direction of engine rotation.

15. Making sure the movable drive face rollers are in position, pinch the V-belt together near its center and slide the spacer and movable drive face onto the shaft.

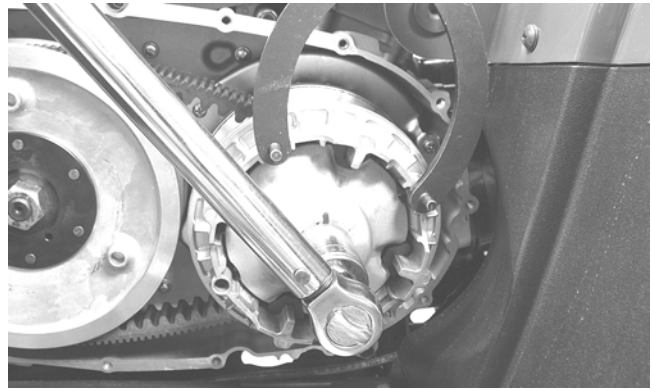


KC127

16. Coat the threads of the nut with red Loctite #271; then making sure the splines of the clutch shaft protrude through the cover plate, secure with the nut and tighten to 147 ft-lb.



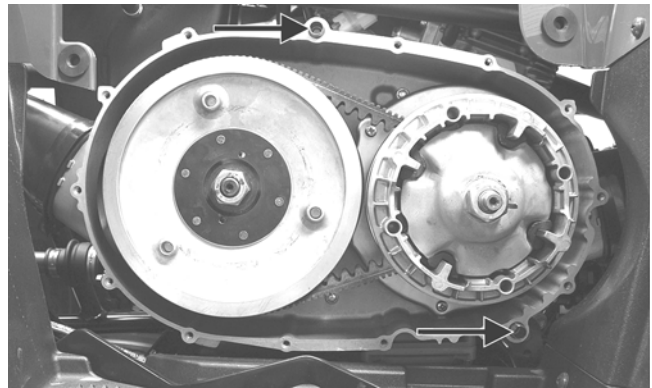
KC138



KC141

■NOTE: At this point, the cap screw can be removed from the driven pulley face.

17. Rotate the V-belt and drive/driven assemblies until the V-belt is flush with the top of the driven pulley.
18. Install two alignment pins and place a new V-belt cover gasket into position on the clutch cover. In a crisscross pattern, tighten cap screws to 8 ft-lb.



KC142A

3

## Center Crankcase Components

■NOTE: This procedure cannot be done with the engine/transmission in the frame. Complete Removing procedures for Top-Side, Left-Side, and Right-Side must precede this procedure.

■NOTE: For efficiency, it is preferable to remove and disassemble only those components which need to be addressed and to service only those components. The technician should use discretion and sound judgment.