

KM273A

3. Install the wheel and secure. Tighten to 32 ft-lb.
4. Remove the ATV from the support stand.

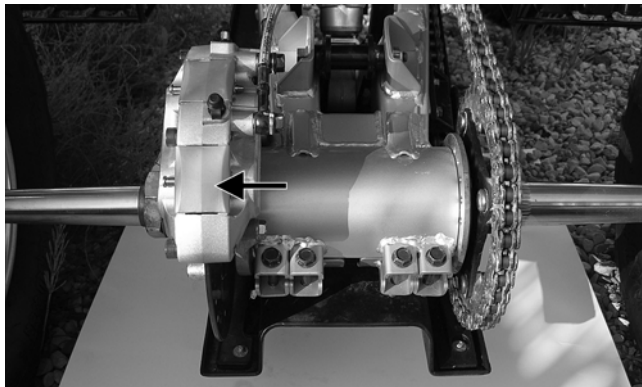
■NOTE: Whenever installing new pads, the new pads must be burnished (see Burnishing Brake Pads in this section).

MEASURING/REPLACING REAR/AUXILIARY BRAKE PADS (DVX 300)

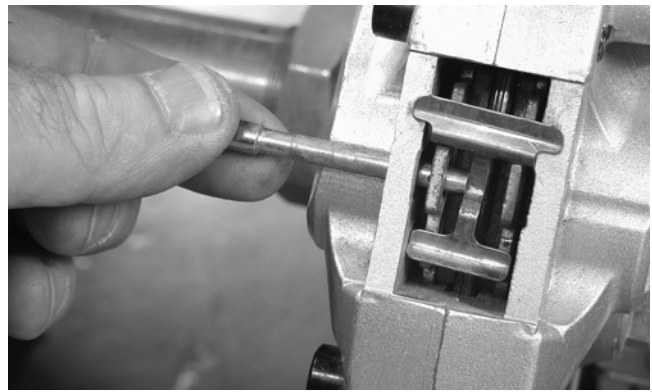
Removing

■NOTE: The brake caliper on the DVX 300 contains two sets of brake pads. The front pads are controlled by the main brake lever and the rear pads are controlled by the auxiliary brake pedal.

1. Remove the brake pad dust cover; then remove the clip pin and pull the brake pad retaining pin out of the caliper.

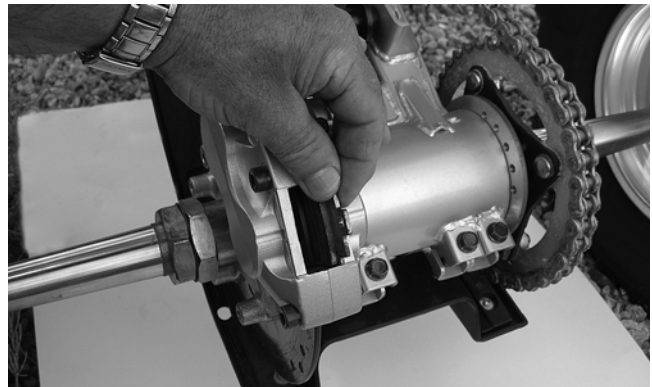


KM902B



KM244

2. Remove the brake spring plate; then remove the brake pads.



KM905

2

Inspecting and Measuring

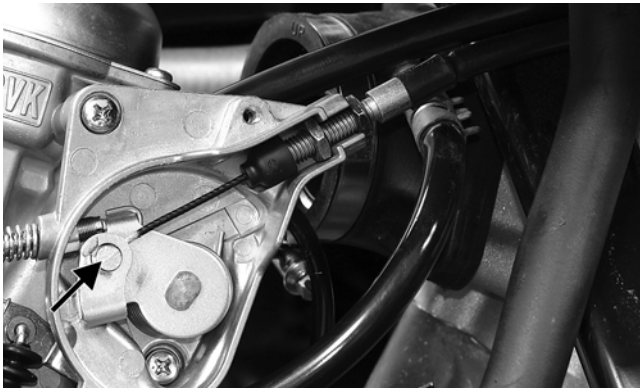
1. Inspect the pads for gouges, chips, or wear.
2. Inspect the disc for gouges, grooves, cracks, and warpage.
3. Using a calipers, measure the thickness of each brake pad.
4. If the thickness of any brake pad is less than 1.0 mm (0.039 in.), the brake pad must be replaced.

■NOTE: The brake pads should be replaced as a set.

5. Using a calipers, measure the thickness of the disc. If any portion of the disc is less than 3.00 mm (0.12 in.), the disc must be replaced (see Section 6).

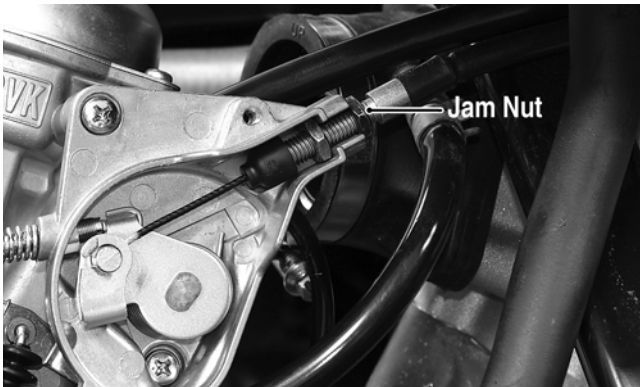
Installing

1. Install the brake pads in the caliper; then insert the brake spring plate.



PR162C

6. Loosen the outer jam nut securing the throttle cable to the carburetor body; then route the cable out of the way.

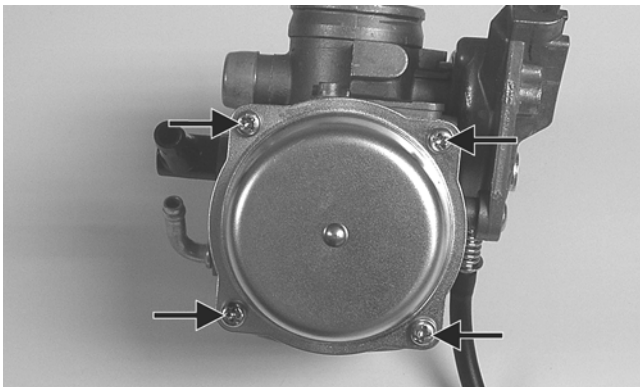


PR162B

7. Disconnect the vent hose; then remove the carburetor.

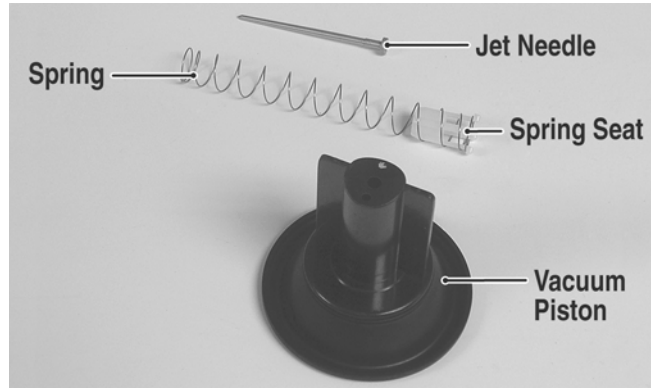
DISASSEMBLING

1. Remove the four Phillips-head screws securing the top cover; then remove the cover.



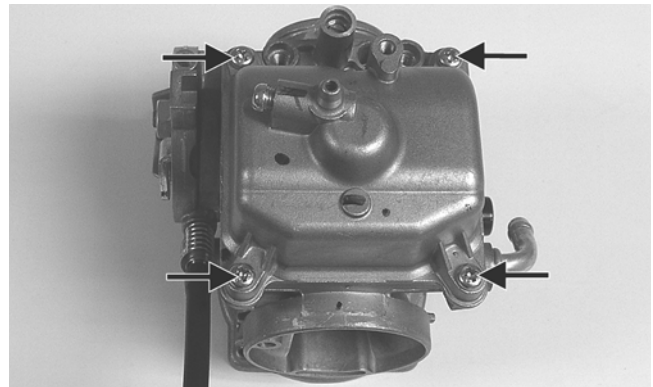
KC0019A

2. Remove the vacuum piston assembly from the carburetor body. Account for a spring, spring seat, and the jet needle.



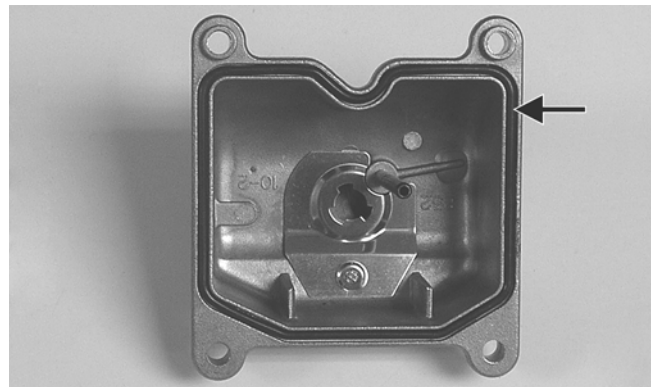
KC0021A

3. Remove the Phillips-head screws securing the float chamber; then remove the chamber. Account for the O-ring.



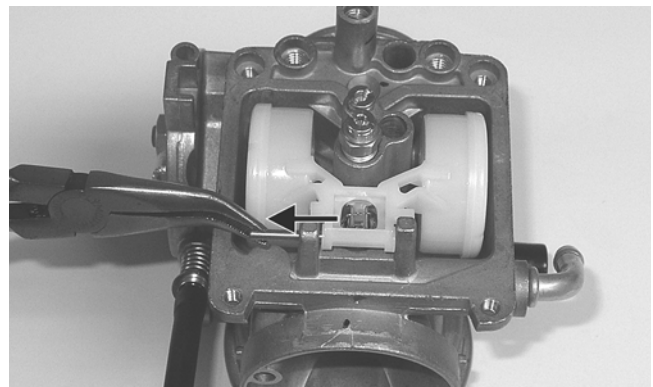
KC0022A

4



KC0063A

4. Remove the float pin.



KC0024A

5. Lift the float assembly from the carburetor. Account for the float valve.