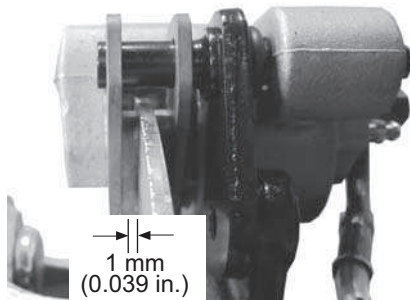


1. Remove a front wheel.
2. Measure the thickness of each brake pad.
3. If thickness of either brake pad is less than 1.0 mm (0.039 in.), the brake pads must be replaced.



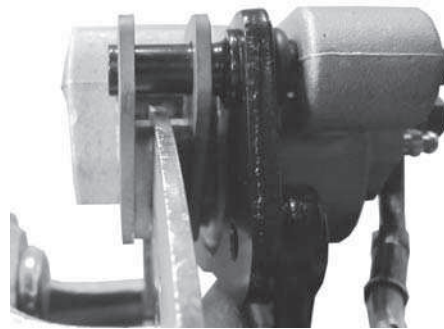
■NOTE: The brake pads should be replaced as a set.

4. To replace the brake pads, use the following procedure.
 - A. Remove the wheel.
 - B. Remove the cap screws securing the caliper holder to the knuckle; then remove the pads.



PR237

- C. Install the new brake pads.
- D. Secure the caliper to the knuckle and/or axle housing with the cap screws. Tighten to 20 ft-lb.



- E. Install the wheel. Tighten to 40 ft-lb.
5. Burnish the brake pads (see Burnishing Brake Pads in this section).

2

Burnishing Brake Pads

Brake pads (both main and auxiliary) must be burnished to achieve full braking effectiveness. Braking distance will be extended until brake pads are properly burnished. To properly burnish the brake pads, use the following procedure.

⚠ WARNING

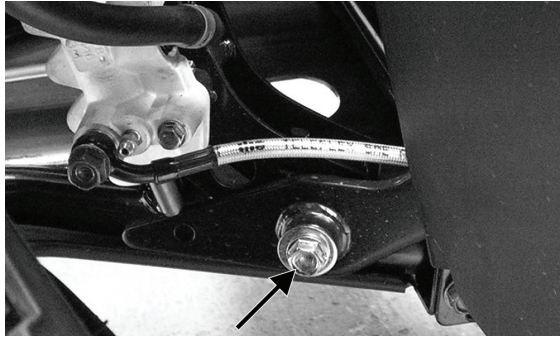
Failure to properly burnish the brake pads could lead to premature brake pad wear or brake loss. Brake loss can result in severe injury.

1. Choose an area large enough to safely accelerate the ATV to 30 mph and to brake to a stop.
2. Accelerate to 30 mph; then compress brake lever or apply the auxiliary brake to decelerate to 0-5 mph.
3. Repeat procedure on each brake system five times.
4. Adjust the auxiliary brake (if necessary).
5. Verify that the brakelight illuminates when the hand lever is compressed or the brake pedal is depressed.

Checking/Replacing V-Belt

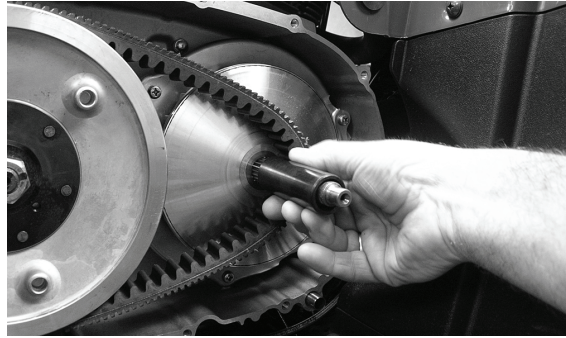
REMOVING

1. Remove the seat and right-side engine cover; then remove the cap screw securing the auxiliary brake pedal to the frame. Account for a flat washer.



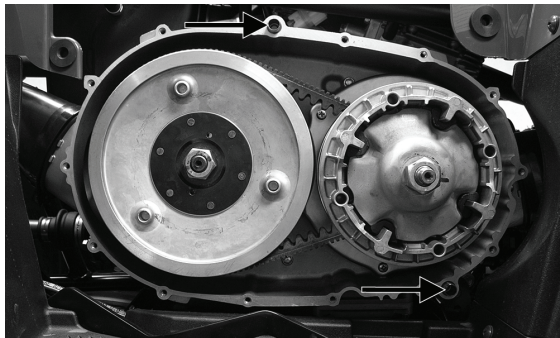
KC149A

- Slide the auxiliary brake pedal part way off the pivot stud but do not remove; then remove the cap screws from the V-belt housing and remove the cover. Account for two alignment pins and a gasket.



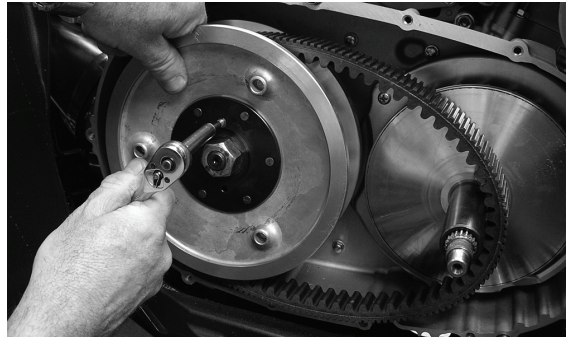
KC128

- Thread a cap screw from the V-belt cover into the driven pulley fixed face and push the movable face open allowing the V-belt to drop down between the pulley faces approximately 3/4 in.



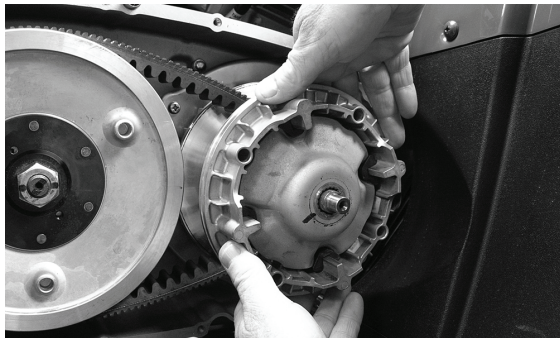
KC142A

- Remove the nut securing the movable drive face to the clutch shaft; then remove the movable drive face assembly being careful not to let the roller fall out. Account for a bushing.

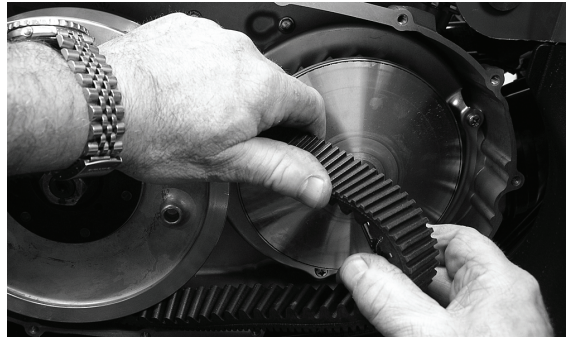


KC137

- Pinching the V-belt together in front of the driven pulley, pull it forward and outward off the clutch shaft; then remove it from the driven pulley.



KC127

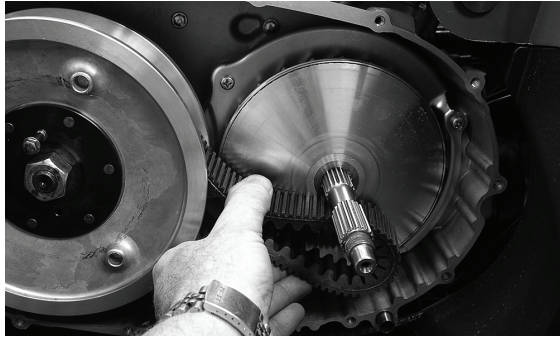


KC136

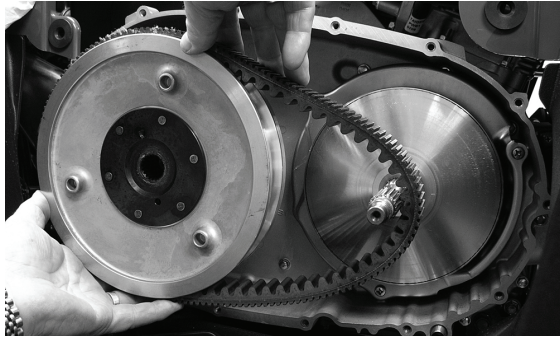
- Inspect the faces of the drive and driven pulleys for scoring, pitting, cracks, or grooving; then clean any dirt and debris from the V-belt housing and cover.

INSTALLING

- Place the V-belt onto the driven pulley making sure the arrows point in the direction of rotation; then pinch the belt together in front of the driven pulley and place it over the clutch shaft.

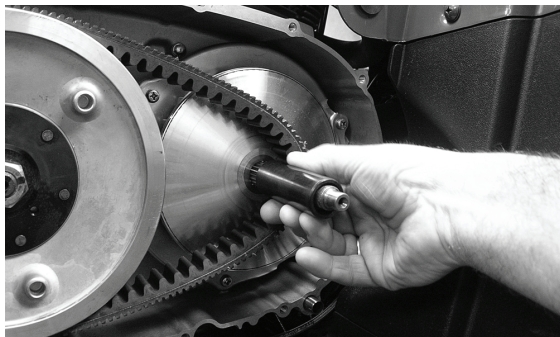


KC135

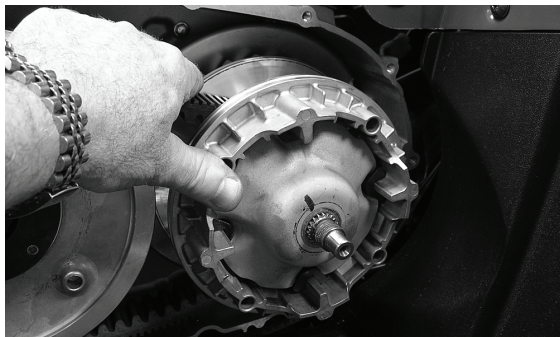


KC131

2. Install the bushing over the clutch shaft; then install the movable drive face assembly on the clutch shaft.

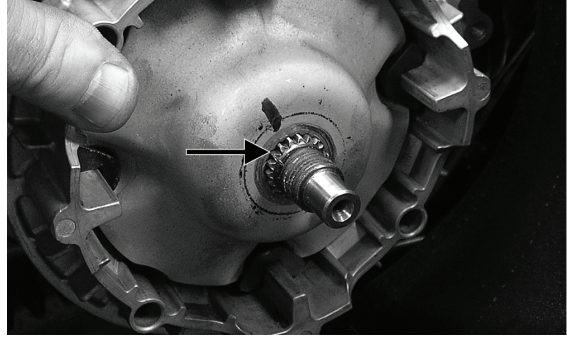


KC128



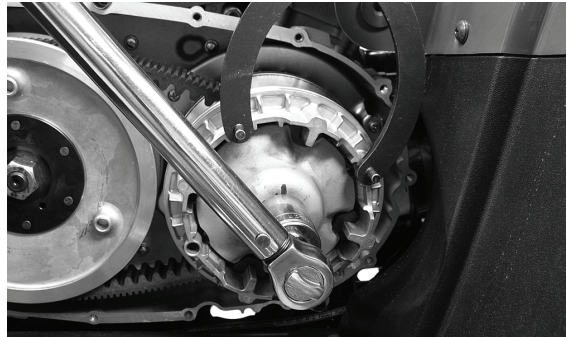
KC138

3. With two drops of red Loctite #271 on the threads and with the splines of the clutch shaft protruding through the movable drive face, install the nut and tighten to 147 ft-lb.



KC152A

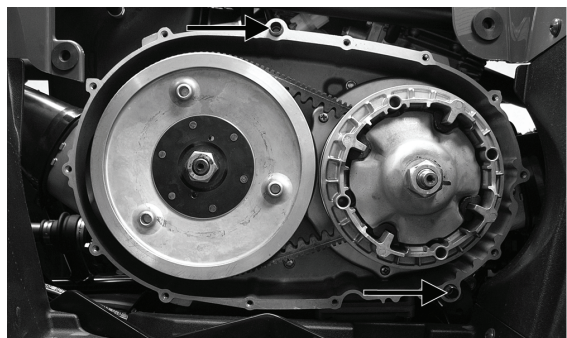
2



KC141

4. Remove the cap screw from the fixed driven face; then rotate the pulleys counterclockwise until the driven pulley faces are together.

5. With the two alignment pins installed in the V-belt housing and a new V-belt cover gasket in place, install the V-belt cover. Using the pattern shown, secure with the cap screws tightened to 8 ft-lb.



KC142A