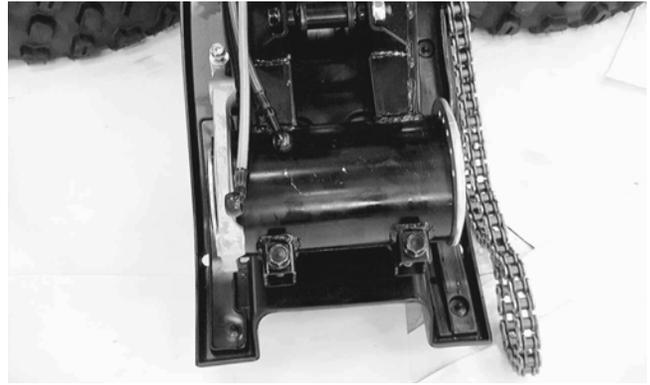




KM471

6. Remove the brake disc assembly from the axle.



KM481

9. Remove the brake caliper holder and aligning collar. Account for the O-ring.



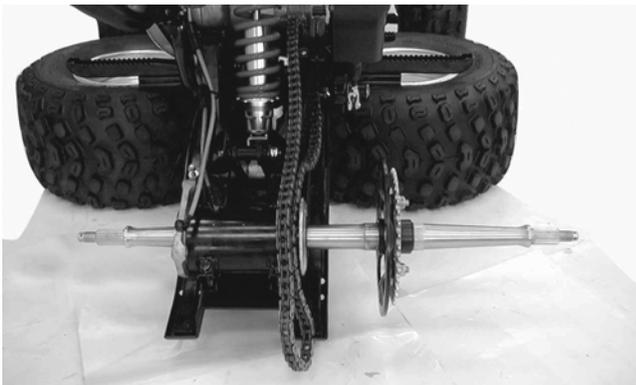
KM472

7. Loosen the drive chain (see Section 2); then slip the chain off the sprocket and remove the axle assembly from the right side.



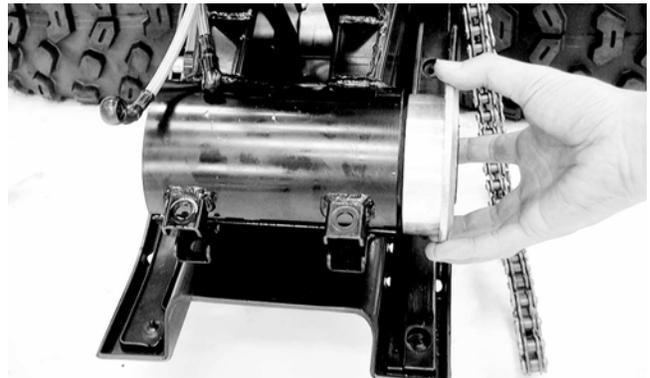
KM483

10. Remove the two cap screws from the rear of the swing arm assembly; then remove the rear axle housing from the right side of the swing arm.



KM476

8. Remove the cap screw from the rear brake caliper holder; then remove the circlip securing the caliper holder to the axle housing.



KM484

11. Remove the circlip securing the driven sprocket to the axle; then remove the sprocket.

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## Top-Side Components

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■ **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.

 **AT THIS POINT**

To service any one specific component, only limited disassembly of components may be necessary. Note the AT THIS POINT information in each sub-section.

■ **NOTE:** The engine/transmission does not have to be removed from the frame for this procedure.

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## Removing Top-Side Components

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### A. Valve Cover B. Cylinder Head

■ **NOTE:** Remove the spark plug and timing inspection plug; then rotate the crankshaft to top-dead-center of the compression stroke.

■ **NOTE:** Arctic Cat recommends the use of new gaskets, lock nuts, and seals and lubricating all internal components when servicing the engine/transmission.

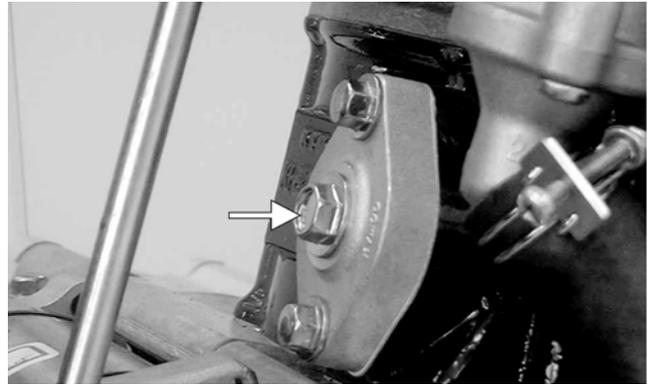
1. Remove the cap screws securing the cylinder head cover. Account for the O-ring.



KM703

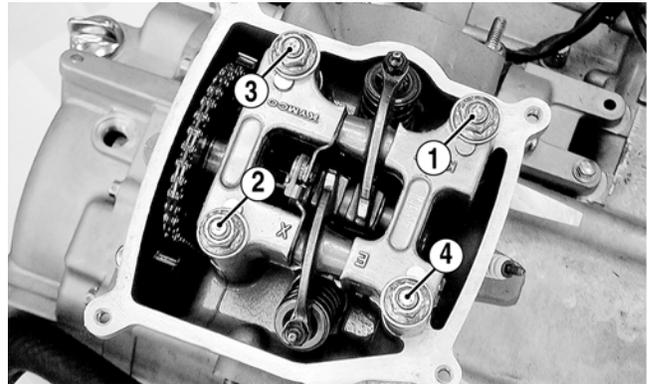
■ **NOTE:** Keep the mounting hardware with the cover for assembly purposes.

2. Remove the plug from the cam chain tensioner; then turn the cam chain tensioner screw clockwise to release the chain tension.

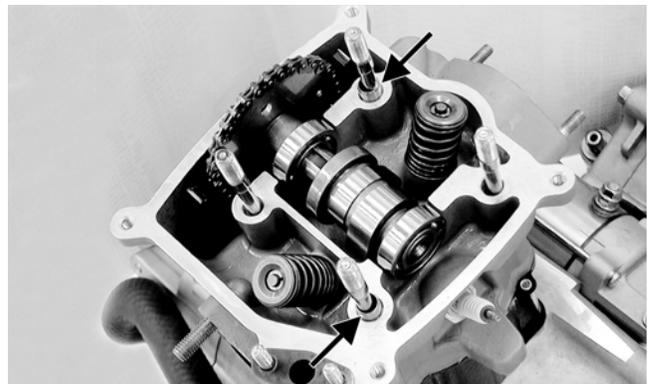


KM704A

3. Using a crisscross pattern, loosen the four nuts securing the camshaft holder to the cylinder head. Use 2-3 steps until the nuts are all free; then remove the camshaft holder. Account for four washers and two alignment pins.



KM706A



KM707A

4. Remove the camshaft gear from the cam chain; then secure the timing chain so it will not fall into the engine. Remove the camshaft.
5. Remove the two external cap screws securing the cylinder head to the cylinder; then remove the cylinder head. Account for two alignment pins and a cylinder head gasket.