Valve Clearance

Inspect and adjust valve clearance while the engine is cold and the piston positioned at Top Dead Center (TDC) on compression stroke.

- Remove the seat.
- Remove body panels and fuel tank as necessary to gain access to valve cover.
- Remove the spark plug high tension lead and remove the spark plug. CAUTION: Place a clean shop towel into the spark plug cavity to prevent dirt from entering.
- Remove rocker cover bolts, cover and gasket.

NOTE: It may be necessary to tap cover lightly with a soft-faced hammer to loosen it from the cylinder head.

Remove timing inspection plug from recoil housing.

CAUTION: Failure to position the crankshaft at TDC on compression stroke will result in improper valve adjustment.

Rotate engine slowly with recoil rope, watching the intake valve(s) open and close.

NOTE: At this point watch the camshaft sprocket locating pin and slowly rotate engine until locating pin is facing upward, directly in line with the crankshaft to camshaft center line as shown. The camshaft lobes should be pointing downward.

Verify accurate TDC positioning by observing the "T" mark aligned with the pointer in the timing inspection hole. In this position there should be clearance on all valves.







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<u>Polaris ATV Owners Workshop Manual</u> Alan Ahlstrand, John Harold Haynes, 2004 The purpose of this manual is to help you get the best value from your ATV It can help you decide what work must be done even if you choose to have it done by a dealer service department or a repair shop it provides information and procedures for routine maintenance and servicing and it offers diagnostic and repair procedures to follow when trouble occurs This book should allow you to tackle any job yourself nbs

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- 6. In chapter 5, the author will draw a conclusion about Polaris Sportsman 335 Sportsman 500 Atv Service Repair Manual 1999. This chapter will summarize the key points that have been discussed throughout the book.

 This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Polaris Sportsman 335 Sportsman 500 Atv

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