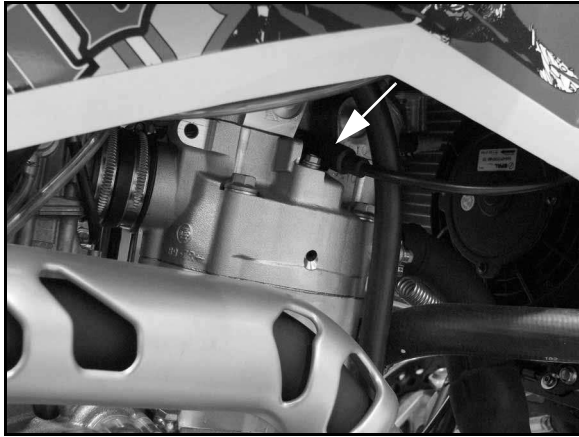


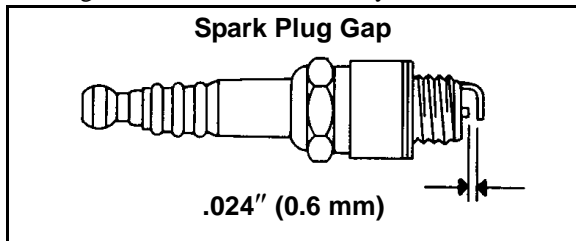
- Remove spark plug high tension lead. Clean plug area so no dirt and debris can fall into engine when plug is removed.



- Remove spark plug and inspect electrode for wear and carbon buildup. The insulator tip should be a light tan color, indicating good combustion. Look for a sharp outer electrode edge with no rounding or erosion.
- If needed, clean spark plug with electrical contact cleaner or a glass bead spark plug cleaner only.

NOTE: Wire brushes or coated abrasives should not be used.

- Measure gap with a wire gauge. Refer to specifications for proper spark plug type and gap. Adjust gap if necessary by bending the side electrode carefully.



- If necessary, replace spark plug with proper type.

CAUTION

Severe engine damage may occur if the incorrect spark plug is used.

- Apply a small amount of anti-seize compound to the spark plug threads.
- Install spark plug and torque to specification. Reverse steps as needed for reassembly.

STEERING

General Steering Information

The steering components should be checked periodically for loose fasteners, worn tie rod ends, ball joints, and damage. Also check to make sure all cotter pins are in place. If cotter pins are removed, they must not be re-used. Always use new cotter pins.

Replace any worn or damaged steering components. Steering should move freely through the entire range of travel without binding. Check routing of all cables, hoses, and wiring to be sure the steering mechanism is not restricted or limited.

NOTE: Whenever steering components are replaced, check front end alignment. Use only genuine Polaris parts.

! WARNING

Due to the critical nature of the procedures outlined in this chapter, Polaris recommends steering component repair and adjustment be performed by an authorized Polaris MSD certified technician when replacing worn or damaged steering parts.
Use only genuine Polaris replacement parts.

Controls / Handlebar

Check controls for proper operation, positioning and adjustment.

If desired, the handlebars can be adjusted for rider preference.

! WARNING

Improper adjustment or incorrect tightening torque of the adjuster block bolts can cause limited steering, which could result in loss of control and serious injury or death.

- Loosen the four bolts and adjust the handlebar to the desired height. Be sure the handlebars do not contact the gas tank or any other part of the machine when turned fully to the left or right.

