



POLARIS®

Racing



2005 440 IQ Race Tips – Version 1

(Spindle Contact)

There may be slight contact of the upper spindle steering arm and the lower control arm. This condition occurs when the front suspension is at full extension and the steering is turned all the way left or right. Raise the front of the vehicle to achieve full extension of the suspension. Turn the handlebars full left and full right. If contact is noticed it will be necessary to file a small amount of material off of the lower portion of the upper spindle aluminum steering arm to eliminate the contact.



(Steering Post Jam Nut)

Check for up and down movement of the steering post. If excessive movement exists (1/8" or more) check the 15/16" nylok jam nut on the bottom of the steering post. The proper torque is 40 ft lbs.



(Steering Post Rod End Jam Nut)

Loosen the 1 1/8" jam nut on the steering post rod end. Apply red loctite to the jam nut and retighten to 50 ft/lbs.



(Clutch Alignment)

Refer to page 4.23 of the 2005 440 IQ Service Manual (P/N 9919307) for proper clutch alignment and center distance. In some cases it will be necessary to place a shim washer (P/N 7555915) between the engine plate and the right front motor mount to achieve proper alignment.

(IFS Shock Remote Reservoir Mounting Location)

The IFS shock remote reservoir should be mounted with the hose fitting in the 5 o'clock to 6 o'clock position to ensure proper hose routing. Do not overtighten the hose clamps.



(Snow Ingestion)

To prevent snow ingestion use RTV silicone to seal the gaps between the belly pan and chassis and around the headlight.

