

# AWD FRONT HUB BEARING ADJUSTMENT

## WARNING

The following bearing adjustments are very important. Incorrect adjustment will increase bearing wear, reduce braking action, and may affect front drive hub engagement, which could result in serious personal injury or death.

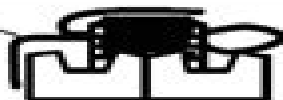
1. Torque spindle nut to 160-170 inch lbs. (18-19 Nm) while rotating hub continuously.
2. Back off nut 1/2 turn.
3. Rotate axle several revolutions by raising rear of machine and rotating rear wheels with the machine in gear.
4. Re-torque hub nut to 108-144 in. lbs. (12-16.3 Nm).

**Front Spindle Nut Torque:**  
108-144 in. lbs.

**Brake Caliper Retaining Bolt Torque:**  
18 ft. lbs. (25 Nm)

5. Install cotter pin. Bend each leg of cotter pin around castle nut in different directions. See below.

Cotter Pin



**NOTE:** If cotter pin hole does not align, tighten slightly to align and install pin. Do not exceed 144 in. lbs. (16.3 Nm).

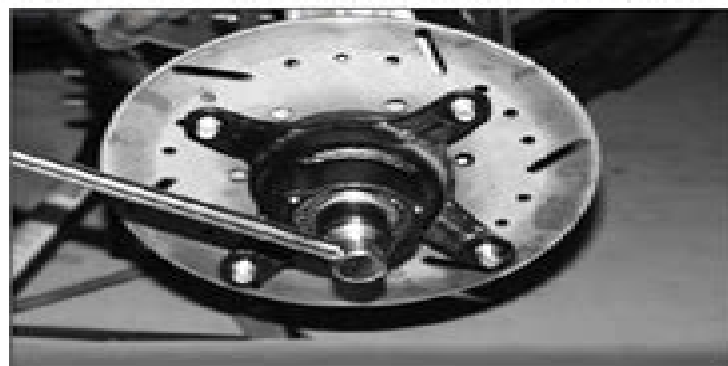
6. Reinstall hub cap.
7. Remove fill check plug and rotate hole to either 4:00 or 8:00 position.
8. Fill with Polaris Premium Demand Drive Hub Fluid or Type F Automatic Transmission Fluid until fluid trickles out. **NOTE:** Do not force the oil into the hub under pressure. This can cause seal damage and leaks.

**Premium Demand Drive Hub Fluid**

PN 2871654 (8 oz.)

PN 2872277 (2.5 gal.)

9. Reinstall plug.
10. Reinstall brake caliper assembly. Torque retaining bolts to 18 ft. lbs. (25 Nm).
11. Reinstall front wheels. Torque retaining nuts to 15 ft. lbs. (21 Nm).
12. Carefully lower vehicle.
13. Field test vehicle for proper operation of brake system and AWD operation.



# Polaris Sportsman 400 Torque

**LM Reder**



## **Polaris Sportsman 400 Torque:**

**Polaris, Sportsman 400 and 500 4x4, 1996-2003 and Xplorer 500 4x4, 1997-2003** Ed Scott,2004      **Field & Stream** ,2001-01 FIELD STREAM America s largest outdoor sports magazine celebrates the outdoor experience with great stories compelling photography and sound advice while honoring the traditions hunters and fishermen have passed down for generations      *Field and Stream* ,2000      **The Australian & New Zealand Grapegrower & Winemaker** ,2005      *New York Sportsman* ,2000      The Pennsylvania Sportsman ,2000      *Field & Stream* ,2001-01 FIELD STREAM America s largest outdoor sports magazine celebrates the outdoor experience with great stories compelling photography and sound advice while honoring the traditions hunters and fishermen have passed down for generations      *Farm Journal and Country Gentleman* ,2001      **The Field & Stream All-terrain Vehicle Handbook** Monte Burch,2001 A comprehensive guide to all terrain vehicles that provides information on manufacturers models features repairs and uses      California Farmer ,2005      **Union Agriculturist and Western Prairie Farmer** ,2005      Ducks Unlimited ,1997      Popular Mechanics ,1969-10 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle      Australian Farm Journal ,2001      *Farming Ahead with the Kondinin Group* ,2005      *Iowa Conservationist* ,2002      Progressive Farmer ,1999      **Popular Mechanics** ,1969-10      **Model Aviation** ,1940      *Polaris Sportsman 400, 450 & 500 1996-2013 Manual* Penton Staff,2000-05-24 Sportman 400 2001 2005 Sportsman 450 2006 2007 Sportsman 450 Browning Edition 2006 Sportsman 500 1996 2010 Sportsman 500 RSE 2000 2002 Sportsman 500 DUSE 2001 2002 Sportsman 500 HO 2001 2006 2008 2010 Sportsman 500 X2 2006 2010 Sp

The book delves into Polaris Sportsman 400 Torque. Polaris Sportsman 400 Torque is a crucial topic that must be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Polaris Sportsman 400 Torque, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
    - Chapter 1: Introduction to Polaris Sportsman 400 Torque
    - Chapter 2: Essential Elements of Polaris Sportsman 400 Torque
    - Chapter 3: Polaris Sportsman 400 Torque in Everyday Life
    - Chapter 4: Polaris Sportsman 400 Torque in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, this book will provide an overview of Polaris Sportsman 400 Torque. This chapter will explore what Polaris Sportsman 400 Torque is, why Polaris Sportsman 400 Torque is vital, and how to effectively learn about Polaris Sportsman 400 Torque.
  3. In chapter 2, this book will delve into the foundational concepts of Polaris Sportsman 400 Torque. This chapter will elucidate the essential principles that must be understood to grasp Polaris Sportsman 400 Torque in its entirety.
  4. In chapter 3, the author will examine the practical applications of Polaris Sportsman 400 Torque in daily life. This chapter will showcase real-world examples of how Polaris Sportsman 400 Torque can be effectively utilized in everyday scenarios.
  5. In chapter 4, the author will scrutinize the relevance of Polaris Sportsman 400 Torque in specific contexts. The fourth chapter will explore how Polaris Sportsman 400 Torque is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, the author will draw a conclusion about Polaris Sportsman 400 Torque. 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. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Polaris Sportsman 400 Torque.

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 $900 \times 2\pi / 60 \text{ rad/s}$   $\omega_0 = 0$  and  $t = 60 \text{ s}$  hence angular deceleration  $\alpha = \pi / 2$  question 3 a bus is moving in a circular track of radius 1000cm with a speed of 10m/s

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web the circular and satellite motion module consists of 10 missions assignments that address such topics as tangential velocity centripetal acceleration centripetal force inertia the mathematics of circular motion satellite motion universal gravitation gravitational acceleration weightlessness and kepler s laws of planetary motion