

5.1 WHEEL, HUB, AND SPINDLE TORQUE TABLE

Item	Specification
Front Wheel Nuts	ATV26./300/B Type: 20 Ft.Lbs 27 N.m
	ATV400: 48 Ft.Lbs 66 N.m
Rear Wheel Nuts	ATV26./300/B Type: 50 Ft.Lbs 69 N.m
	ATV400: 48 Ft.Lbs 66 N.m
Front Hub Nut on Spindle/ outer CV joint	Refer to FRONT HUB INSTALLATION
Rear Hub Retaining Nut	ATV26./300/B Type: 80 Ft.Lbs 110.6 N.m
	ATV400: 101Ft.Lbs 137N.m

CAUTION: Locking nuts, and bolts with pre-applied locking agent should be replaced if removed. The self- locking properties of the nut or bolt are reduced or destroyed during removal.

5.2 FRONT HUB DISASSEMBLY/INSPECTION

1. Elevate front end and safely support machine under footrest/frame area.

CAUTION

Serious injury may result if machine tips or falls. Be sure machine is secure before beginning this service procedure. Wear eye protection when removing bearings and seals.

2. Check bearings for side play by grasping tire/wheel firmly and checking for movement. It should rotate smoothly without binding or rough spots.
3. Remove wheel nuts and wheel.
4. Remove brake caliper
5. Remove hub cap, cotter pin, front spindle nut, and washer.
6. Rotate each bearing by hand and check for smooth rotation. Visually inspect bearing for moisture, dirt, or corrosion. Replace bearing if moisture, dirt, corrosion, or



roughness is evident.

7. Place a shop towel on hub to protect surface. Carefully pry seal out of hub. Do not damage the surface of the seal. Clean the hub.
8. Drive bearing out through opposite side of hub and discard.
9. Drive other bearing out and discard.
10. Clean hub and spacer thoroughly.



5.2 FRONT HUB REMOVAL/INSPECTION 4x4(ATV400-2 / ATV400-2B)

1. Elevate front end and safely support machine Under footrest/frame area.

CAUTION:

Serious injury may result if machine tips or falls, Be sure machine is secure before beginning this service procedure. Wear eye protection when removing bearings and seals.

2. Check bearings for side play by grasping the tire/Wheel firmly and checking for movement. Grasp The top and bottom of the tire. The tire should rotate smoothly without binding or rough spots.
3. Remove wheel nuts and wheel.
4. Remove the two brake caliper attaching bolts.

CAUTION:

Do not hang the caliper by the brake Line. Use wire to hang the caliper to prevent. Possible damage to the brake line.

5. Remove hub cap, cotter pin, front spindle nut, and Washer.
6. Rotate each bearing by hand and check for smooth rotation. Visually inspect



bearing for moisture, dirt, or corrosion, or roughness is evident.



5.3 a. FRONT HUB ASSEMBLY (ATV150/200/260/300)

1. Drive or press one new bearing in to hub using a bearing driver (2WD).
2. Drive or press the other bearing into hub until seated against the hub shoulder (2WD).
3. Coat the new bearing with grease (2WD).
4. Coat the spline with grease (4WD)
5. Install new seal into hub (with numbers facing out) until flush with end of seal bore. Do not damage the surface of the seal. Coat the lip with special grease.

FRONT HUB ASSEMBLY

