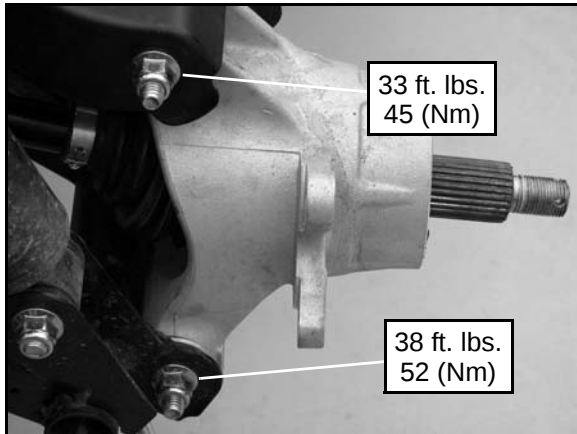
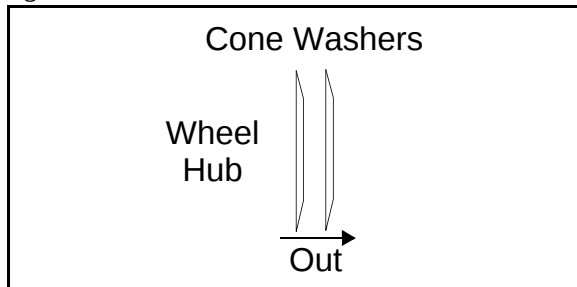


- Lift bearing carrier into place and install the bolt attaching the bearing carrier to the upper A-arm. Torque fastener to specification.

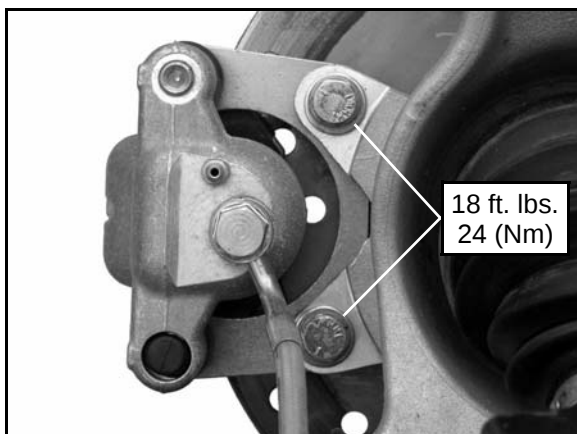


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Rear Bearing Carrier Bolts: Upper: 33 ft. lbs. (45 Nm) Lower: 38 ft. lbs. (52 Nm)

- Apply grease to drive shaft axle splines.
- Install rear wheel hub assembly, cone washers, and hand tighten the castle nut. Install washers with domed side out.



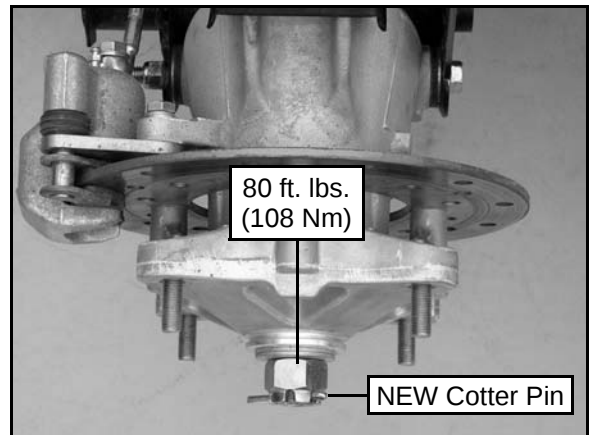
- Install brake caliper mounting bolts and torque to **18 ft. lbs. (24 Nm)**.



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Rear Caliper Mounting Bolts: 18 ft. lbs. (24 Nm)

 CAUTION
New bolts have a pre-applied locking agent which is destroyed upon removal. Always use new brake caliper mounting bolts upon assembly.

- Torque wheel hub nut to **80 ft. lbs. (108 Nm)** and install a NEW cotter pin. Tighten nut slightly if necessary to align cotter pin holes.

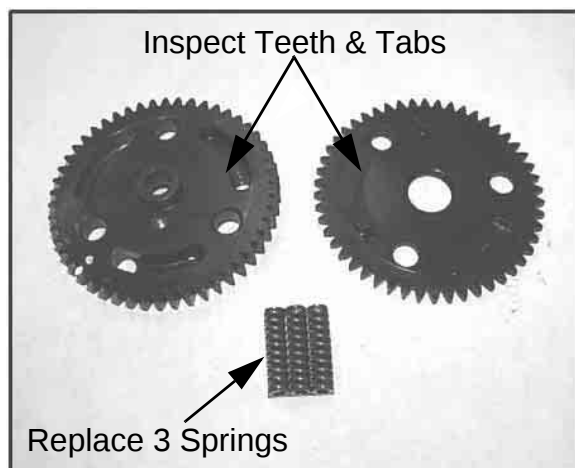


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Wheel Hub Castle Nut: 80 ft. lbs. (108 Nm)

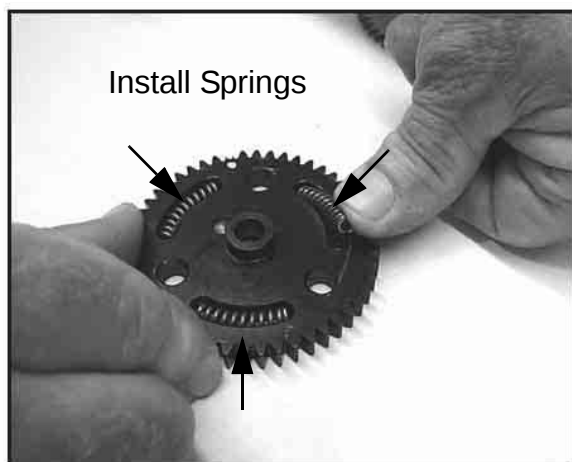
- Install wheel and (4) wheel nuts. Torque wheel nuts to specification.

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Wheel Nuts: Steel Wheels: 27 ft. lbs. (37 Nm) Aluminum Wheels: 90 ft. lbs. (122 Nm)

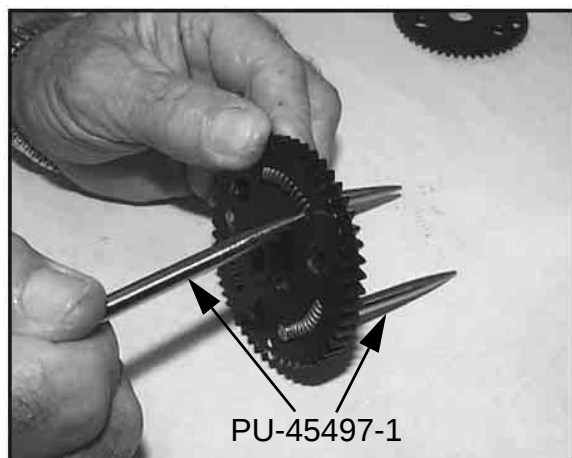
14. Inspect the gear teeth and the three tabs on the gears for wear.



15. Install the new springs into the grooves of the cam gear.



16. Insert the pointed dowels from the Tapered Pins (PU-45497-1) into the cam gear.

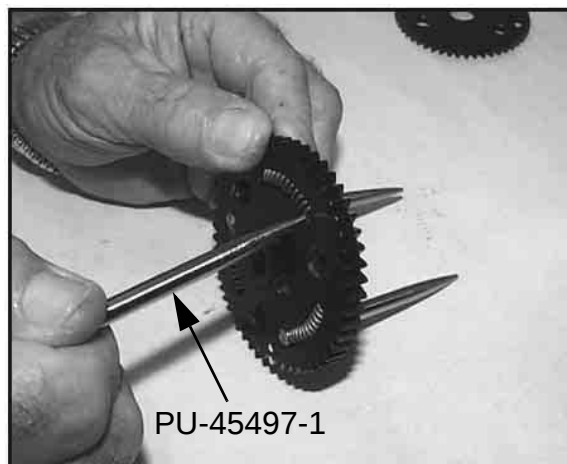


To Assemble:

- Hold the spring with one finger.
- Start the pointed end of the tapered pin into the cam gear hole. Slowly push the dowel through the hole until the end of the dowel is almost flush with the spring.
- Perform this procedure with all three tapered pins.
- Do not push the pins too far through or the springs will pop out.

NOTE: Do not remove the tapered pins at this time.

17. Note in photograph that the Tapered Pins (PU-45497-1) are below flush with end of the springs. This helps to align the three gear tabs during the next step.



**Cam Gear Spring Installation Tool Kit:
(PU-45497)
Tapered Pins:
(PU-45497-1)
Cam Gear Tooth Align Tool:
(PU-45497-2)**

18. Line up the two gears using the timing marks and the three gear tabs that were referenced earlier. Push the gears back together, using both hands and hold securely.

