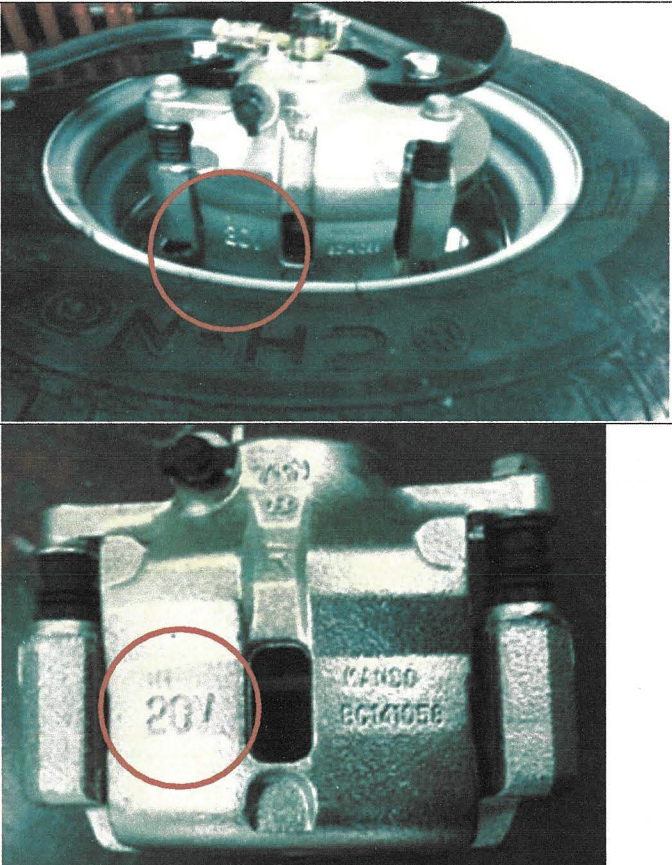
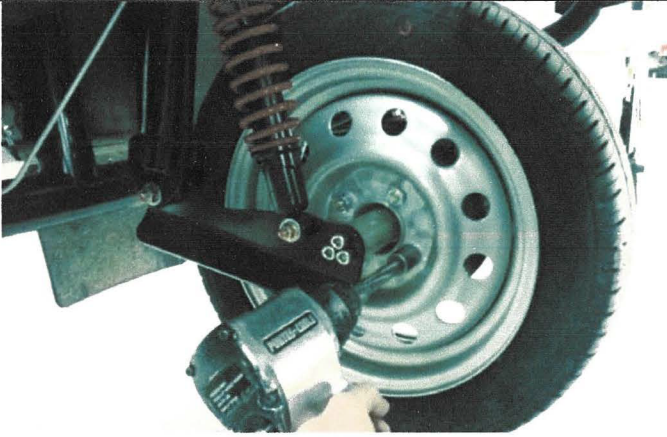
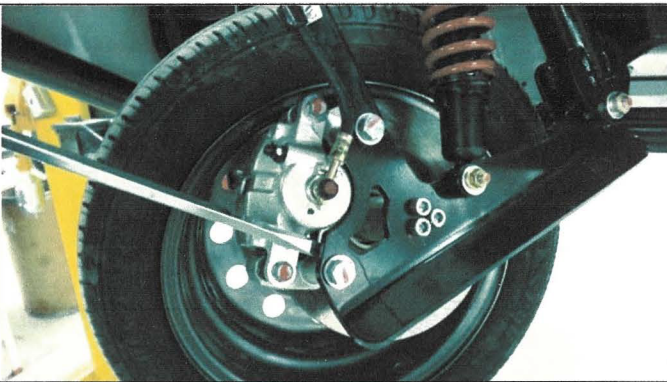
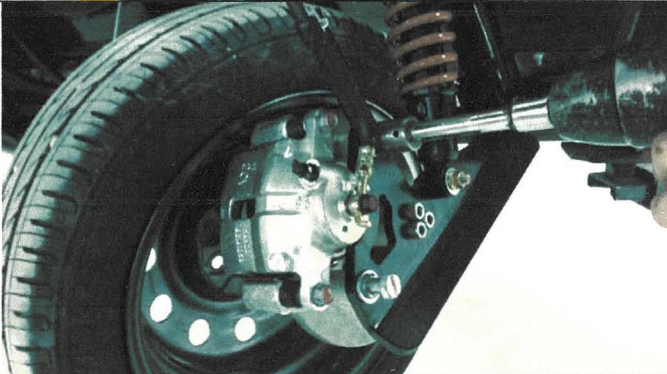


## SERVICE PROCEDURE

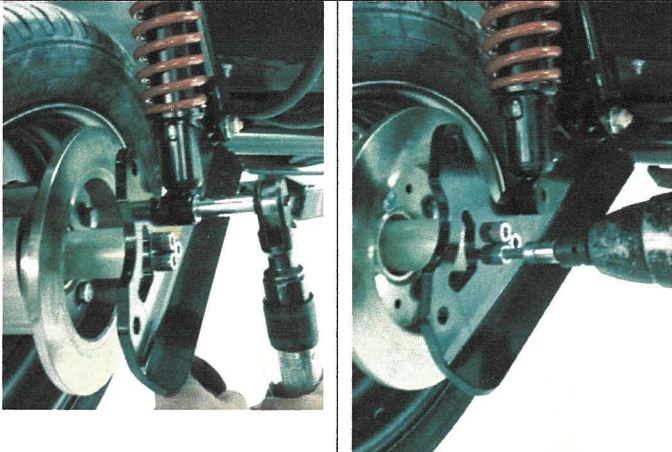
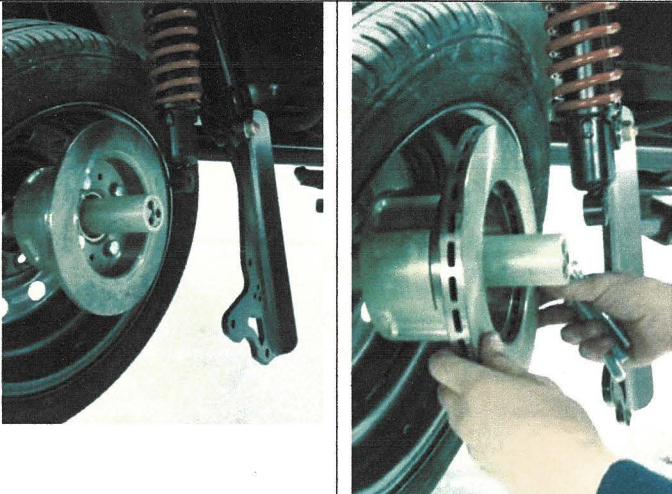

### Tools Required:

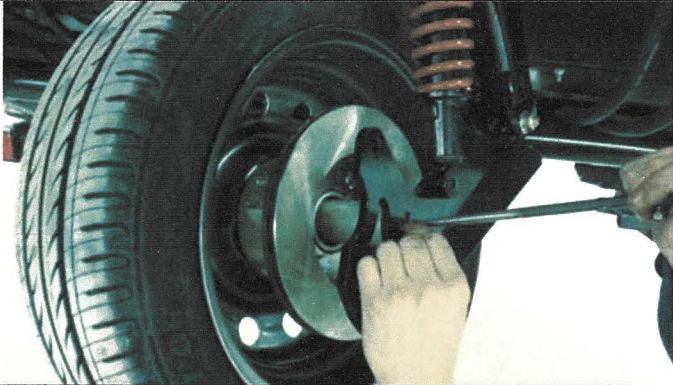
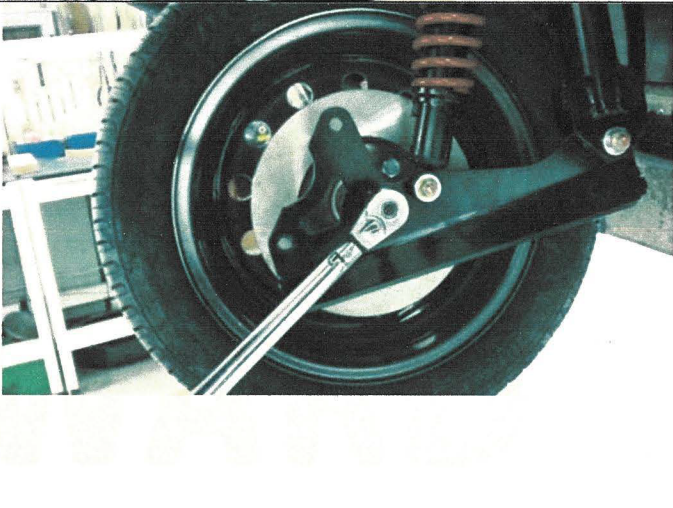
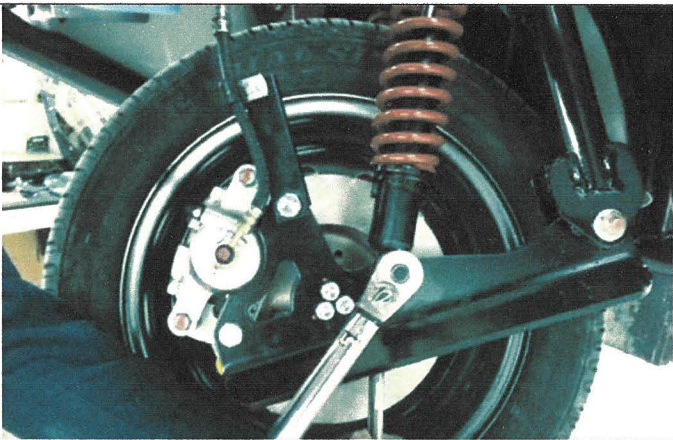
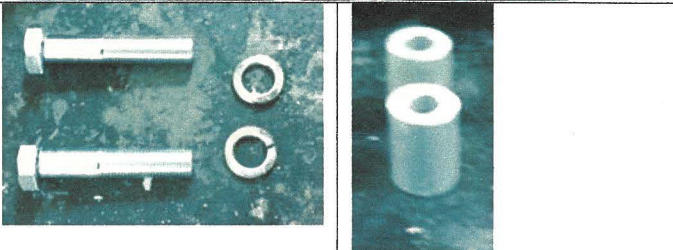
- Torque wrench
- ¾ & 9/16 sockets
- 5/16 Allen key socket
- Long flat head screw driver
- 17mm socket
- Locite 262 red

STEP	INSTRUCTIONS	PHOTO (S)
1	<p>Inspect the front brake caliper and determine if caliper is marked with a 20V or a 20S.</p> <p>If 20S no further action is required. If 20V proceed with pad, rotor, and brake caliper spacer replacement.</p>	 <p>The top photograph shows a front brake caliper mounted on a wheel hub. A red circle highlights the '20V' marking on the caliper. The bottom photograph is a close-up of the caliper, showing the '20V' marking on the left side and the '20S' marking on the right side, both circled in red. The part number 'KANDG BC1K1056' is also visible on the right side of the caliper.</p>

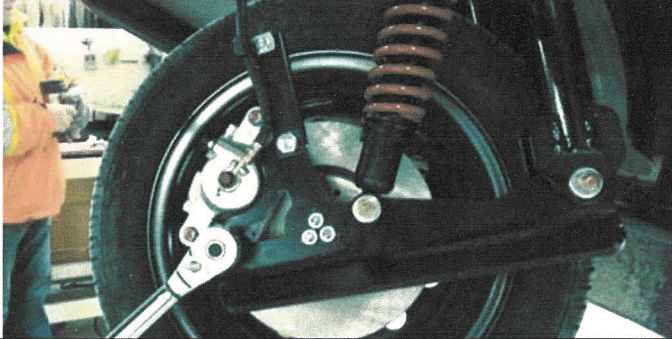

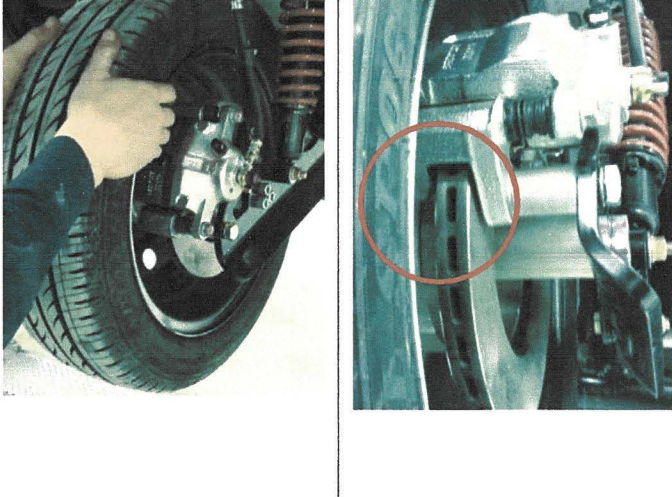
STEP	INSTRUCTIONS	PHOTO (S)
2	<p>Life vehicle on approved lift or jack up the front of the vehicle and safely secure with jack stands, never work on a vehicle supported only by a jack.</p> <p>Remove the wheel bolts.</p> <p>17mm socket</p>	
3	<p>Use a screwdriver to loosen the caliper.</p>	
4	<p>Remove the caliper bolts. ¾ inch socket.</p> <p>Place the brake caliper in a safe place.</p> <p>Do not let it hang from brake hose.</p>	



STEP	INSTRUCTIONS	PHOTO (S)
5	<p>Remove the shock bolt. 9/16 socket</p> <p>Remove the axle bolts. 5/16 inch Allen key socket</p>	
6	<p>Rotate the arm out of the way.</p> <p>Do not exert force on axle while it is hanging on right side arm only.</p> <p>Remove solid brake rotor.</p> <p>Install new vented rotor.</p>	
7	<p>Clean axle to leading arm mating surface.</p> <p>Apply red Locite 262. Make sure axle spacer is still in position.</p>	

STEP	INSTRUCTIONS	PHOTO (S)
8	<p>Rotate leading arm back into position and start the 3 – 5/16 axle bolts by hand paying special attention not to strip the bolts or the axle.</p>	
9	<p>Tighten the axle bolts in three steps.</p> <ol style="list-style-type: none"> <li>1. 25 ft-lb</li> <li>2. 45 ft-lb</li> <li>3. 55 ft-lb</li> </ol> <p>At final re torque all 6 axle bolts to 55 ft-lb.</p> <p>Check the other side axle bolts to 55 ft-lb to make sure.</p>	
10	<p>Reinstall lower shock bolt and nut.</p> <p>Tighten the shock bolt to 35 ft-lb.</p>	
11	<p>Reinstall brake caliper with new bolts and spacers.</p> <p>New spacers are 33.18mm length</p>	



STEP	INSTRUCTIONS	PHOTO (S)
	<p>bolts...</p> <p>Old spacers must be sent back to the factory with VIN number.</p>	
12	<p>Replace the wheel bolts.</p> <p>Tighten the wheel bolts to 70 ft-lb</p>	
13	<p>Rotate front wheel assembly and make sure it spins freely.</p> <p>Check the location of the rotor to the center of the caliper.</p> <p>Lower vehicle from lift.</p> <p>Pump brake pedal several times before starting. Test drive.</p>	

**PARTS INFORMATION**

Contact Westward Industries to order the replacement brake kit required at no charge.