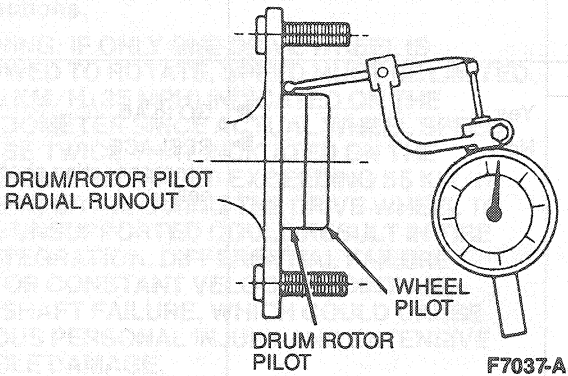
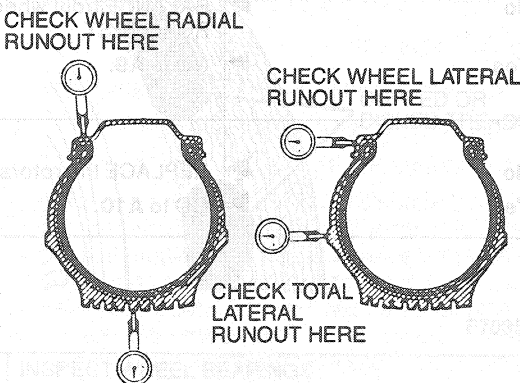


DIAGNOSIS AND TESTING (Continued)

**PINPOINT TEST A:
HIGH SPEED SHAKE DIAGNOSIS (Continued)**

TEST STEP	RESULT	ACTION TO TAKE
<p>A10 HUB RUNOUT</p> <ul style="list-style-type: none"> With rotor removed, check axle hub face runout, and drum/rotor pilot radial runout. Hub face runout should be less than 0.08mm (0.003 inch) Drum/rotor pilot radial runout should be less than 0.05mm (0.002 inch). Is there excessive runout?  <p style="text-align: center;">F7037-A</p>	<p>No</p> <p>Yes</p>	<p>▶ GO to A11.</p> <p>▶ REPLACE hub.</p>
<p>A11 WHEEL RUNOUT</p> <ul style="list-style-type: none"> Install wheels and tires in original indexed positions. Check all wheels for total radial and lateral tire runout. Radial Runout — 1.14mm (0.045-inch) Lateral Runout — 1.14mm (0.045-inch) Is there excessive runout? 	<p>No</p> <p>Yes</p>	<p>▶ GO to A13.</p> <p>▶ CHECK wheel rim runout, radial and lateral. If either exceeds 1.14mm (0.045-inch), REPLACE the wheel and recheck runout. If new rim is within limits, LOCATE and MARK the low point of rim radial runout. GO to A12.</p>
<p>A12 TIRE RUNOUT</p> <ul style="list-style-type: none"> Check total lateral and radial runout 1.14mm (0-04.5 inch).  <p style="text-align: center;">F7038-A</p>	<p>Runout is within specification</p> <p>Lateral runout out of specification</p> <p>Radial runout out of specification</p>	<p>▶ GO to A13.</p> <p>▶ REPLACE tire.</p> <p>▶ MARK the highest point of tire, dismount, reindex and remount the tire with the high point aligned with the low point of the wheel. RECHECK radial tread runout. If still out, REPLACE the tire and RECHECK runouts, reindexing as necessary to bring radial runout within limits. GO to A13.</p>
<p>A13 WHEEL BALANCE</p> <ul style="list-style-type: none"> Balance all wheels not previously balanced. Road test vehicle. Are wheels balanced? 	<p>Yes</p> <p>No</p>	<p>▶ Vehicle OK.</p> <p>▶ GO to A14.</p>