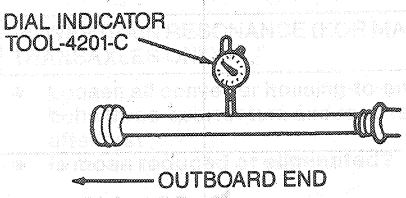
DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST A:
HIGH SPEED SHAKE DIAGNOSIS (Continued)

TEST STEP	RESULT	ACTION TO TAKE
A4 INSPECT CV JOINT BOOTS FOR DAMAGE ● Spin front tire by hand. Inspect CV joint boots for evidence of cracks, tears, splits or splattered grease. ● **Is there CV joint boot damage?** NOTE: The silicone boot used on the 3.0L engine RH inboard CV joint has a vent near the small clamp and may show some grease leakage, which is also acceptable. Do not replace the boot for these conditions.	No ▶ Yes ▶	GO to **A5.** REPLACE damaged boot, or clamp, clean and inspect CV joint for wear or damage. REPLACE CV joint only if necessary.
A5 HALFSHAFT RUNOUT IN VEHICLE ● Attach Dial Indicator with Bracketry TOOL-4201-C or equivalent to vehicle underbody. ● Check the radial runout at the center of shaft Max.—4.0mm (0.160-inch).  	Yes ▶ No ▶	GO to **A6.** REPLACE interconnecting shaft only.
A6 WHEEL TIRE RUNOUT ● Spin front wheels at low speed with a wheel balance spinner, observing wheel tire runout. ● **Is there visible runout?**	No ▶ Yes ▶	BALANCE wheels. GO to **A7.** GO to **A10.**
A7 DRIVETRAIN ● Engage drivetrain and carefully accelerate the drive wheels. Vehicle must be supported at suspension points to avoid damage to halfshafts. ● **Is vibration felt?**	No ▶ Yes ▶	GO to **A11.** GO to **A8.**
A8 DRIVE WHEELS ● Mark rotor index to hub. Remove front wheels. Secure brake rotor, if so equipped, by installing the lug nuts, reversed. Carefully accelerate the drive wheels. ● **Is vibration felt?**	No ▶ Yes ▶	BALANCE front wheels. ROAD TEST. GO to **A9.**
A9 FRONT ROTORS ● Mark rotor index to hub. Remove the brake rotors. Carefully accelerate the drive wheels. ● **Is vibration felt?**	No ▶ Yes ▶	REPLACE the rotors. GO to **A10.**