

DIAGNOSIS AND TESTING (Continued)

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

TEST STEP		RESULT	ACTION TO TAKE
A14	SUBSTITUTE WHEELS AND TIRES <ul style="list-style-type: none"> Substitute a known good set of wheels and tires. Road test. If vehicle still exhibits shake or vibration, note vehicle speed and / or engine rpm that occurs. Is vibration felt? 	No	REINSTALL the original tire wheel assemblies, one by one, road testing at each step until the damaged tire(s) is identified. REPLACE tire(s) as necessary and retest.
		Yes	GO to A4.

PINPOINT TEST B: TIP-IN MOAN DIAGNOSIS

TEST STEP		RESULT	ACTION TO TAKE
B1	AIR CLEANER <ul style="list-style-type: none"> Check air cleaner for proper installation of base gasket, lid element and air inlet duct assembly. Are components properly installed? 	Yes	GO to B2.
		No	CORRECT condition and PERFORM Road Test. If moan persists, GO to B2.
B2	POWERTRAIN RESONANCE (FOR MANUAL TRANSAXLES ONLY) <ul style="list-style-type: none"> Loosen all converter housing-to-engine retaining bolts three-quarter turn and road test. Tighten bolts after test. Is moan reduced or eliminated? 	Yes	CHANGE or INSTALL damper as indicated and RETEST. If moan still persists, GO to B3.
		No	GO to B3.
B3	ENGINE MOUNTS <ul style="list-style-type: none"> Normalize engine mounts by loosening mounts. Jack engine/transaxle assembly and shake. Tighten fasteners. Repeat road test. Is moan reduced or eliminated? 	Yes	Vehicle OK.
		No	GO to B4.

