



Tech TIPS

SUPPORTING TODAY'S PROFESSIONAL TECHNICIAN

Pad Wear Chart Diagnosis Caliper Problems

Application:

All vehicles equipped with disc brakes.

Problem:

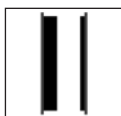
Mr. Caliper falsely accused of causing uneven pad wear or their untimely death.

Real Culprit:

The Hardware Gang or a faulty inside installation job falsely pin the wrap on the caliper.

Usual Suspects:

Pick the real killer and solution out of the line up below.



Suspect Wear pattern: *Outboard pad worn.*

Culprit: Caliper slides or mounting pins not functioning properly.



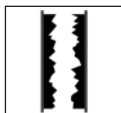
Suspect Wear Pattern: *Tapered wear* - horizontally or vertically.

Culprit: Worn caliper bushings or defective mounting hardware.



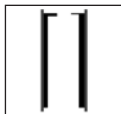
Suspect Wear Pattern: *Cracked lining, chipped friction edges or fast wear.*

Culprit: Excessive heat build-up due to constant friction caused by faulty brake hoses, brake pedal or booster misadjustment, or mounting hardware.



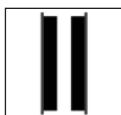
Suspect Wear Pattern: *Grooves in the surface of friction material.*

Culprit: Rotors should be turned or replaced.



Suspect Wear Pattern: *Step in lining.*

Culprit: Pads improperly installed. Inspect installation, check for defective mounting hardware, and replace as necessary.



Normal Wear Pattern: NAPA loaded calipers, good rotors and proper installation insure long service life.