BRAKE SYSTEM DIAGRAM

DIAGNOSING BRAKE SYSTEM PROBLEMS

Tapered Wear
A gradual slope of the pad material creating uneven thickness on either end of the pad.

Often caused by:
• Worn rubber caliper bushings
• Worn caliper slide rails
• Improper lubrication

Uneven Wear
One side of the pad set has significantly unused friction material than the other.

Often caused by:
• Worn rubber caliper bushings
• Worn caliper slide rails
• Worn caliper slide rails
• Caliper piston sticking
• Improper lubrication

Overhang Wear
Ridges on the top or bottom edges of pads.

Often caused by:
• Misplacement of pads in caliper housing
• Worn hardware components
• Worn caliper slide rails
• Improper lubrication

Grooved Wear
Symmetrical grooves or etches in the surface of the friction material.

Often caused by:
• Failure to apply non-directional finish to turned rotors
• Failure to wash rotors

Cracked Linings
Excessive cracking of friction material.

Often caused by:
• Excessive vibration
• Worn caliper components
• Improper lubrication

Friction Contamination
Friction material is contaminated with foreign substance.

Often caused by:
• Oil spill
• Improper use of anti-noise substance
• Lubrication of friction side of pad