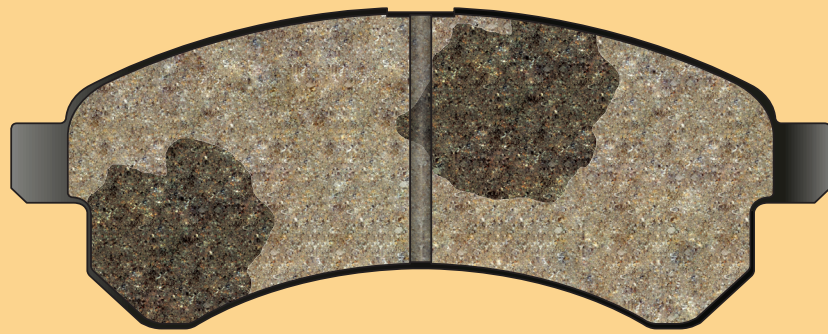


BRAKE PAD COMPLAINTS CAUSE, EFFECT & REMEDY

PAD CONTAMINATION



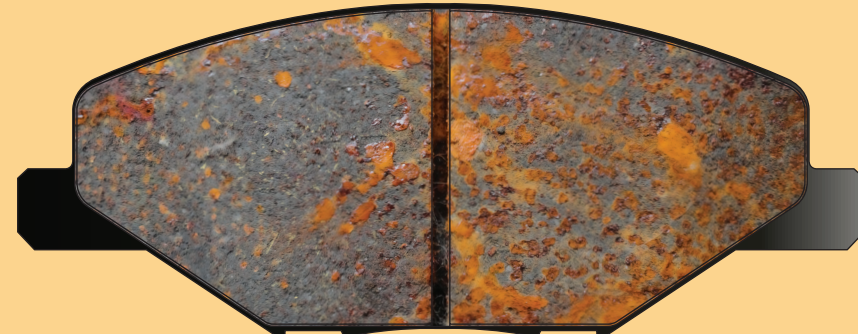
Appearance: Oil / Grease on Pad Friction face.

Cause: Handling of Pad with grease hands or due to fluid leak from calipers.

Effect: Vehicle pulling during braking & Poor Brake Performance.

Remedy: Identify & Rectify the cause of contamination. Replace with New Pad Kit.

RUSTY PADS



Appearance: Rust formation on friction material & back plate.

Cause: Due to crack in the friction material caused by sticky calipers and water soaking on friction.

Effect: Noise and soft pedal feel. Once friction material separated, there will not be braking.

Remedy: Replace with new brake pads.

UNEVEN PAD WEAR



Appearance: Pad Friction surface having uneven wear

Cause: Defective Disc with irregular wear, causing the same pattern of wear on the brake pad.

Effect: Judder or squeal noise while braking. Poor Pad life

Remedy: Replace disc and brake pad kit.

CRACKED PADS



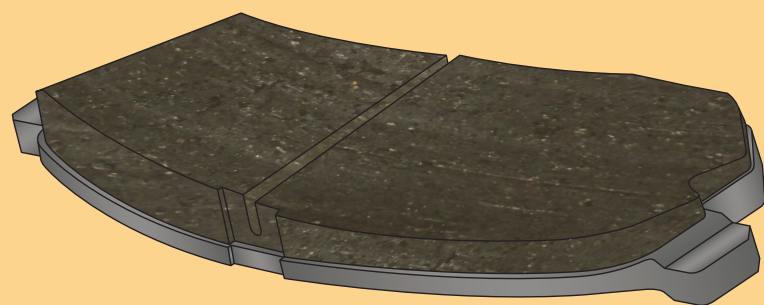
Appearance: Cracks at the middle of friction surface.

Cause: This type of cracks are due to sticky calipers bending the back plate while braking causing cracks on friction material.

Effect: Uneven pad wear and noise. Vehicle pulling to one side while braking. Overheating on the sticky caliper side.

Remedy: Overhaul the caliper. Replace with new pad kits.

TAPERED PADS



Appearance: Taper wear of friction material

Cause: Sticky caliper sliding movement

Effect: Poor pad life and noise while braking. May cause uneven braking force.

Remedy: Service the caliper with kit sliding pin. Replace with new Pad kit.

GLAZING



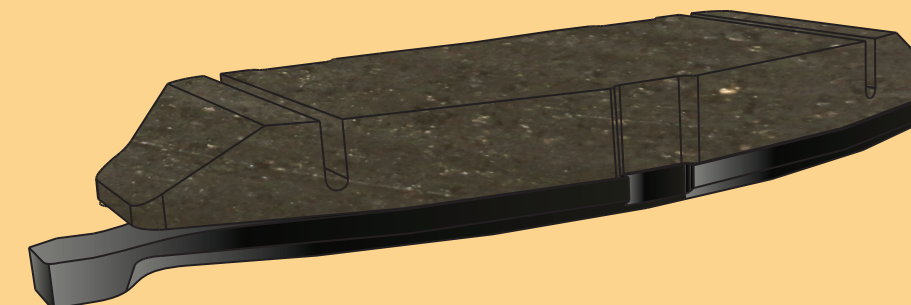
Appearance: Glazed pad friction face

Cause: High temperature build-up for short duration. Harsh braking during new pad condition

Effect: Poor Brake Performance

Remedy: Check the disc condition. Replace with new pad kit.

BACK PLATE DAMAGE



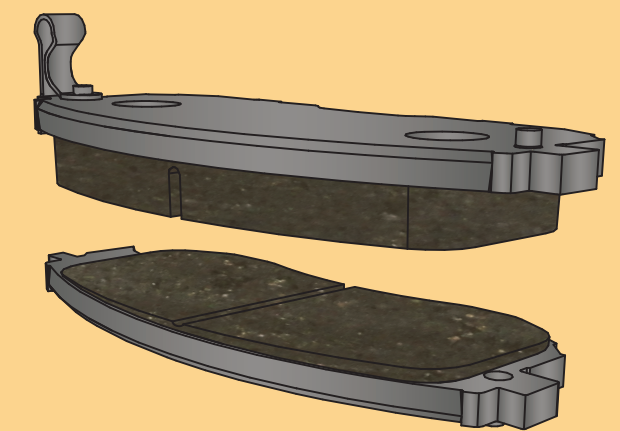
Appearance: Damage or Bent Back plate

Cause: Improper assembly of pads.

Effect: Poor Braking, Irregular pad wear, Noise or judder

Remedy: Replace with new pad kit.

UNEVEN WEAR WITHIN PAD SET



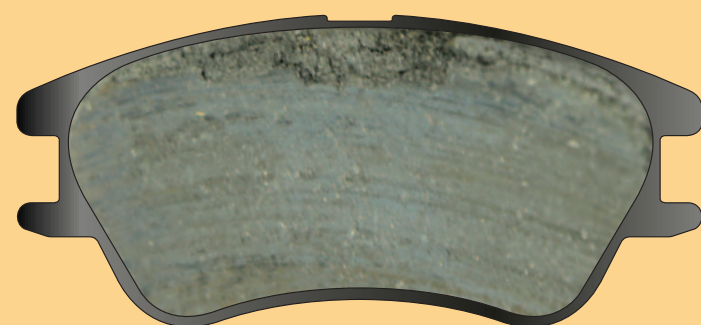
Appearance: Unequal wear of brake pads with in a axle set (4 pads)

Cause: A sticky caliper piston or bent / sticky sliding pin

Effect: Vehicle pulling to one side during braking. Uneven or quick wear of brake pads.

Remedy: Overhaul the caliper with piston kit (Major Kit) and sliding pin kits. Replace new pad kit. Check the condition of Disc & replace if necessary

EDGE CRUMBLING



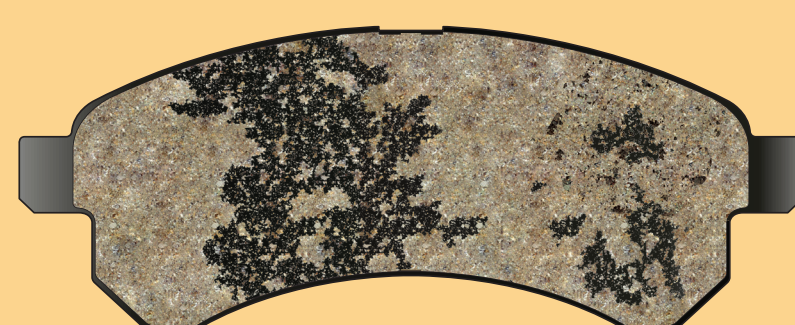
Appearance: Friction material chipped at edges

Cause: Sticky brake pads, Pads continuously in contact with disc causing excessive heat.

Effect: Glazing of pad surface reducing brake performance.

Remedy: Overhaul and rectify caliper stickiness. Replace brake pad kit.

WORN - OUT PADS



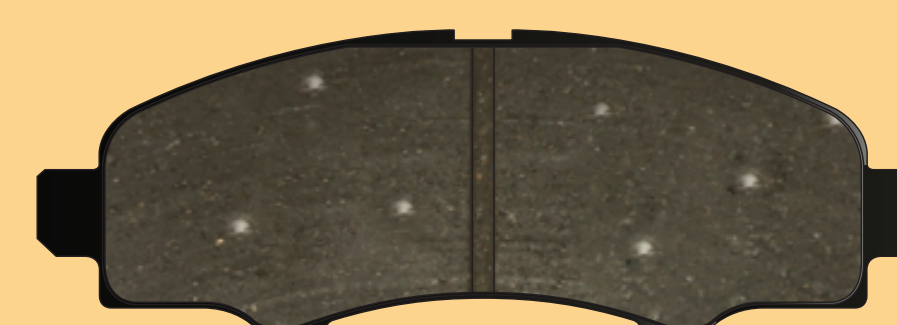
Appearance: Pad friction material fully worn - out

Cause: Lack of periodic maintenance on pad wear check.

Effect: Vehicle pulling to one side while braking. Damages disc. Very high brake noise / metal to metal noise

Remedy: Inspect the brake disc and replace if necessary. Replace with New Pad Kit

METAL PICKUP



Appearance: Impregnated metal on friction surface

Cause: Adherence of metal dust from disc on to the pad surfaces, especially during cold / wet weather conditions

Effect: In extreme cases, can cause disc damage and noise.

Remedy: If disc damage is observed, replace the disc and pads.

"ALWAYS REPLACE WITH NEW RECOMMENDED GRADE PAD KITS ONLY"

