

TECH TIPS



Best Practices- Police/Commercial Vehicle Lube Points

With the brake systems on today's police and commercial vehicles, proper cleaning and lubrication is critical for a top-performing, long-lasting, and quiet brake life. The Electronic Stability Control Systems found on today's vehicles can send up to 40 signals per second (without driver input) through the hydraulic ABS unit and out to the wheels. The brake pads and calipers must be able to react smoothly during a stability control braking event. All pad/caliper contact points and slides should be lubricated with an appropriate synthetic brake lube. The brakes on these vehicles typically operate in a much higher temperature range than your passenger vehicles and require a high-temperature brake lubricant. Several brake lubes offer a 2000-3000 degree melt point, which is better suited for these applications.



Apply a generous amount of lube on the caliper slide pins prior to attaching the caliper bracket.



A thin coat of lube should be applied to the face of the caliper pistons where they contact the inboard brake pad.

*Applications using double sided sticky shims skip this step



Apply a thin coat of brake lube to the outboard caliper casting where it contacts the brake pad.

*Applications using double sided sticky shims skip this step



A thin coat of lube should be applied to the surface of the abutment clips where the brake pads ride on the clips.

Proper lubrication is critical for optimal braking and maximizing service life.

Raybestos
The best in brakes