THE BENDIX BRAKE SYSTEM GUIDE

DRIVING STYLE:
BENDIX HAS A RANGE OF THE BENDIX BRAKE SYSTEM GUIDE

**Stop Light Switch**
- **Power Booster**
- **Brake Fluid Reservoir**
- **Anti-lock Braking System Module**

**HOW DO BRAKES WORK?**
Applying the brake pedal activates a power booster forcing hydraulic brake fluid through the master cylinder and combination valve, via brake lines to all four wheels.

**DISC BRAKES**
The wheel assembly consists of a wheel hub and disc rotor with a caliper housing the disc brake pads. A piston in each caliper forces the disc brake pad against the rotor, creating the necessary friction to stop the rotor spinning.

Two disc brake pads on each wheel, an inner and outer, act simultaneously to bring the car to a halt. Many cars are equipped with disc brakes front and rear.

**PARK BRAKES**
The park brake is applied through either an electronic system or a cable system which operates the rear brakes only.

**BRAKE LUBRICANT**
The Bendix Greased Brake Parts Lubricant is designed specifically for brake parts with metal to metal and metal to rubber contact areas, and should be applied with every brake pad change, giving absolute confidence in each job.

**BRAKE FLUID**
Bendix DOT3 & DOT4 Brake Fluid can be used for both hydraulic & conventional brake systems, meaning corrosion. This fluid is also inert to all kinds of rubber, and meets stringent Australian and U.S. specifications.

**DISC ROTOR**
The clamping force applied by the brake pads against the disc rotor slows or stops the rotation of the wheel. Disc rotors should be regularly checked for excessive wear and distortion. When machining or installing new disc rotors ensure they have been cleaned thoroughly with brake cleaner to remove any contaminants.

**CALIPER ASSEMBLY**
When the brake pedal is applied, brake fluid is forced into the caliper, moving the piston and brake pads against the rotor. Calipers should be thoroughly checked to ensure all parts are working correctly and smoothly. Improperly calibrated pads can cause low performance and excessive wear of pads and disc rotors.

**BRAKE/PARTS CLEANER**
Brake cleaner & Parts Degreaser is designed specifically for brake parts with metal to metal and metal to rubber contact areas, and meets stringent Australian and U.S. specifications. It is also inert to all kinds of rubber, and minimising corrosion. This fluid is primarily used in conjunction with brake cleaner to remove brake fluid from brake parts, and penetrates rapidly, cleans instantly and evaporates quickly, leaving no residue.

**BRAKE WEAR SENSORS**
Electronic Brake Wear Sensors are an added safety feature on many vehicles. They are used to warn a vehicle’s driver when their brake pads are at the end of their service life.

**BRAKE FLUID RESERVOIR**
Brake fluid should be checked and replaced at least once every two years, using new fluid from a sealed container. Due to correct fluid type is used, ensure no air is trapped in the system as this will result in poor braking. Any loss of brake fluid indicates a serious fault in the brake system and needs to be investigated.

**BRAKE FLUID RESERVOIR**

**BENDIX HAS A RANGE OF BRAKE PADS DESIGNED TO SUIT EVERY VEHICLE AND DRIVING STYLE:**

**GENERAL CT**
For smoother, quieter and cleaner braking. Bendix General CT delivers superior stopping power that’s whisper quiet with less dust.

**Euro+**
Specially formulated to offer high friction, high temperature tolerance and measurably better performance across a range of braking conditions.

**Ultimate**
For enthusiasts and extreme performance. Developed with the latest technology, and extensively tested under extreme conditions.

**Put your foot down with confidence**

**HOW OFTEN?**
Brakes are out of sight and generally out of mind. Your brake system should be thoroughly checked once a year as a minimum. In as little as fifteen minutes, a brake specialist can give your car’s braking system a safety check.

**NOTE:** Brakes are a critical safety system of a vehicle. The brake system should not be tampered with by anyone who does not have the appropriate skills and experience. Brake pads should be replaced by a qualified mechanic.

**Bendix Brake Components Guarantee**
Bendix brake components are appropriate for the purpose intended and if installed by qualified personnel, are guaranteed against defects in material and workmanship.

**Bendix Brake Advice Centre**
Freecall the Bendix Brake Advice Centre on 1800 819 666

Choose your perfect braking solution online at www.bendix.com.au

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