Experts List Brake Trouble Symptoms

Raybestos/Brake Parts, Inc. (BPI), is a full-line manufacturer of brake parts with over 28 facilities across North America, including seven manufacturing plants in Canada and three in Mexico.

Since it began doing business in 1902, Raybestos/BPI, a division of Echlin, Inc., has become the largest brake supplier in the replacement market and a leading supplier to the original equipment market, according to Kevin Judge, Vice President of Marketing.

As a leading manufacturer, one of Raybestos' primary concerns is that consumers are aware of and understand the importance of brake safety.

The brake system is the single most important safety feature of any passenger vehicle. It is critical that proper procedures and preventive maintenance be performed regularly to avoid not only costly, but in some cases, life-threatening brake system failure.

It is the responsibility of the technician to make sure that the results of a brake inspection are fully explained to and understood by the consumer before any service is performed. The condition of the brake system and components will indicate what service or part replacement may be required or suggested.

"The problem that we typically find is that consumers don't know the warning signs of a worn or damaged brake system, so they do not seek help. Also, if they do have their brakes inspected they are unsure about the recommended procedure," Mr. Judge said.

Mr. Judge offers consumers common warning signs and some guidelines to follow when considering brake service.

- Squeal - some noise is normal, however, excessive grinding, squeal, chatter or screeching should be investigated.
- Vibration - a vibration felt while the brake is applied may be due to rotor imperfections, tires out of round or worn brake hardware components.
- Low pedal - if almost touching the floor before activating, the pedal may need minor adjustment or more extensive repair.
- Hard pedal - extreme pressure needed to make brakes function may be a result of power brake trouble, frozen calipers or wheel cylinders, restricted hydraulic lines or damaged brake linings.
- Grab - brakes that grab with the least amount of pressure may indicate a simple problem such as contaminated linings or a more serious problem which could result in brake failure.
- Pull - if the vehicle pulls to one side when the brakes are applied, the brakes may be misadjusted or malfunctioning.
- Brake warning light - the light indicates that the parking brake is being applied or that a serious drop in hydraulic brake pressure has occurred.

It is recommended that a vehicle's brake system be inspected by a certified technician at least once a year, or every 8,000-10,000 miles. If driven in heavy traffic it should be inspected every six months.

Raybestos is committed to helping consumers understand the brake system and the important role it plays in safety. Through this commitment, Raybestos offers a consumer hotline. By calling 1-800-4RAYBESTOS — 1-800-472-9237, consumers have access to technicians who can answer any questions about the brake system or where to have Raybestos brakes installed.

Raybestos and Racing

Since the early 1950's, Raybestos has used auto racing as a forum to showcase and test its products. Raybestos' involvement in racing has allowed it to provide better products to the consumer.

Raybestos has been a major sponsor on the NASCAR Winston Cup Series since 1989. Today, Raybestos supports NASCAR driver Jeff Burton, 1994 MAXX Race Car Rookie of the Year, and SCCA Trans-Am driver Dorsey Schroeder with Tom Gloy Racing.

Additionally, Raybestos is the "official racing brake" for the Ford Motorsports division and has supplied the brake parts to every winning car in the Indianapolis 500 since 1952.

"Raybestos feels that auto racing provides an excellent way for consumers to become more aware of the Raybestos brand and to see how our brakes perform in action," Mr. Judge commented.

Auto racing allows Raybestos/BPI to test its components under extreme conditions. These rigorous testing environments enable BPI to create superior products on the track that can be applied to the product line and passed on to the consumer. Raybestos feels that if its products perform at speeds in excess of 200 mph, then they will perform on the family car.

Company Background

Raybestos/Brake Parts, Inc. manufactures over 95 percent of the product it sells. All of these braking components are manufactured within BPI's six manufacturing divisions:

- Hydraulics Inc. — disc brake rotors, brake drums, wheel cylinder assemblies, clutch slave assemblies, clutch and brake components, parking brake components, speedometer and tachometer cable assemblies, rubber components for master cylinders, and calipers.
- Friction Inc. — friction components for new and remanufactured brake shoes, loaded and bare disc brake calipers, and new riveted disc pads.
- Distex Inc. — molded disc pad assemblies, disc brake packs, steel stampings for disc pads, drilled and bonded brake shoe linings, and rotor and splined hubs.
- Echlin Mexico — disc brake components and brake shoe linings.
- *Commercial Hose* — hose assemblies and fittings including brake, air brake, clutch, power steering, and marine hose assemblies, as well as steel lines and hydraulic brake fittings.
- Neelon Casting, Ltd. — brake drums, disc brake rotors, damper components, flywheels, valve housings.

Combined, these six groups manufacture 35 different product lines, providing customers with the most complete line of quality brake parts in the industry.

Raybestos/BPI's commitment to being a full-line brake manufacturer is paralleled by its commitment to providing its customers with training and technology to support this diverse product line.

In 1995, Raybestos will open its state-of-the-art tech center at its corporate headquarters in McHenry, IL. The 45,000 square-foot facility will be available to all Raybestos customers for technical support and training.

"Raybestos/Brake Parts, Inc. is dedicated to servicing its customers in every way from an extensive product line to training, marketing, and sales support," Mr. Judge concluded.

For more information on Raybestos/Brake Parts, Inc.'s product line, contact Raybestos/Brake Parts Inc., 4400 Prime Parkway, McHenry, Illinois, 60050. (815) 363-9000.

For the nearest Raybestos parts store or installer, call 1-800-4RAYBESTOS — 1-800-472-9237.

Raybestos
The best in brakes

Vehicle Often Safest Port in a Storm

Driving after dark through a violent thunderstorm can be a nerve-racking experience. Even with the best of headlights, defrosters and windshield wipers, it's best to get off the road.

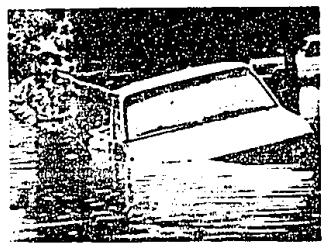
Unless you can find shelter in a well constructed building you'll probably have to stay in your vehicle. The danger of being struck by lightning still looms. What to do? Park in an open area, if possible, away from trees and power lines until the storm passes over.

If you're on the shoulder of the road turn on your emergency flashers. Because you're shielded by metal, your vehicle is one of the safest places in an electrical storm. If lightening does strike you may have the scare of a lifetime but you probably won't be injured.

Your car may need a new paint job, however, and more! If hailstones don't damage the finish, the lightening can sear the paint right off the metal, not to mention what it can do to the various electronic components.

Another hazard: downed power lines. If one should hit your car, starting a fire, open the door and jump as far as you can from the vehicle. **NEVER TOUCH THE GROUND AND THE CAR AT THE SAME TIME.** If there is no fire, your best bet is to stay in your vehicle and wait for help.

Bad News/Good News



What do you do when you wake up to find your car or truck waist-deep in flood water? Drain everything, dry out, put in fresh fluids and get on with your business, says Tom Mayberry of Any Lexus, Texas. He did just that in the fall of '94 after this photo (courtesy Houston Post) was taken and, he reports to the Car Care Council, his pick-up now is about to roll over 100,000 miles.

Not all flood victims are able to come out of their situations this well. Typically, an owner's first reaction is that his vehicle is totaled. Sometimes that is the case, but because vehicles are designed to withstand the elements, many parts are unaffected by water and others can be repaired.

Don't be too quick to "write it off", suggests the Council. Damage assessment and procedure usually requires an expert opinion and, needless to say, consultation with your insurance agent.

Things You Auto KNOW!

True or False?
Tire pressure 8 pounds low can cause up to a 5 percent drop in gas mileage.

True!

The reason:
Increased rolling resistance.

MARKET PLACE

622 Legal Notices Accepting Bids

REDFORD UNION SCHOOLS
18499 Beech Daly Rd.
Redford, MI 48240

NOTICE

Bids are now being requested for the construction of Various Fire Alarm Installations at Redford Union Schools. Bidding Documents may be obtained at the Administration Building, Purchasing Department, 18499 Beech Daly Road, Redford, Michigan 48240 (313) 535-1000 Ext. 1220. Specifications at the service of bid and submission at the above address. Bid Opening: Thursday, August 10, 1995 at 10:00 a.m. Redford Union Schools reserves the right to reject any or all bids and to waive informalities therein.

630 Condo of Timeshr

BY JUDY HOWDEN
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636 Lost & Found

FOUND - 4 month old kitten on 5 & Merriman on July 27. (313) 425-2273

LOST BLACK & White Shelter Mix, Medium Hair, area 12 Lilley, white fur & Collar/no Pennant. (810) 356-7378

LOST Camera in parking lot of Hockey Festival in Livonia. Please help return. Pictures of family. Reward. (810) 474-6806

LOST - male cat, 7 3/4, named with pictures inside rings, orange, 5½ male & female cats. Pictures priceless (313) 420-0560

LOST 3 parakeets, 1 yellow, 1 white & blue, on July 26, Redford Area. (313) 538-3403

640 Transportation/Travel

ROUND TRIP or ONE WAY, Detroit to Fort Meyers, Orlando, Tampa, New Orleans, Reno, Washington, Boston, Dallas, Calif. (313) 538-6900 (313) 538-6178

642 Health,Nutrition, Weight Loss

AMAZING RESULTS in weight loss. FDA approved all natural. Guaranteed. Used by over 40 million people. (313) 427-9720 1-800-736-8326

FOUNTAIN OF YOUTH?
As seen on "Good Morning America" Feel better, look younger, more energetic. Free report. Nothing to buy. Nothing to sell. Nothing to ask. (313) 455-6260

LOSE WEIGHT - FEEL GREAT! Will prove it to you. All natural products. (810) 689-5466

636 Lost & Found

FOUND CAT, female, black, brown & white, medium hair, 12 Mile/Farmington area. (248) 661-1466

FOUND CAT - white with brown tiger stripes, male, neutered, vicinity of Ann Arbor Trail & Wayne Rd. (313) 729-3511

642 Health,Nutrition, Weight Loss

VIC TANNEY'S Premiere Membership. Asking $475. Must sell. For more info Call (810) 348-6480

684 Sports Interests

CONGRATULATIONS Pam DeGroat on Rick Walker-Ohio Jury Pin at Adell Valley Country Club. We wish you a repeat performance. Hugs, Sandy & Jim

MERCHANDISE
#700-778

700 Absolutely Free

ALBINO COCKATIEL with cage & stand. Needs loving home. (313) 261-0646

ARABIAN COLT, 1st shown, good bldg, with papers, gentle, $1,000. 810-752-9262

BEAUTIFUL HEALTHY, energetic boxer, 8 months old. Needs loving home. Free to serious. (313) 455-8579

FIND IT IN CLASSIFIED

FOUR RAILROAD ties, used as wood trim. View vicinity Telegraph/Grand River. (810) 356-7403

700 Absolutely Free

FREE 1 YR. vacation certificate! (810) 626-5760

ELECTRICAL SCRAP 2 pickups. You load up. Since/Kent (810) 540-0020

STEEL STORAGE sheet 7'x7'. Slightly dented but not rusted. $100 (313) 455-4478

EXPANDING PVC 2½, 24 in. round pipe with 90 degree elbow. (313) 522-4635

USED Furniture, Appliances. Good condition. Donate your used items. Call Goodwill Industries (313) 561-4000 or Cell (313) 420-8530

NEWBURGH POOL - assorted strips, floats, some sandpaper, vinyl repair kit, $25. (810) 356-6273

702 Antiques/ Collectibles

ABC
That's how simple it is to get a boost at Knightsbridge Auction Mart

And if you might not know we accept any sort of any size to post your booth. You can fill any empty booth. Call 313 531-4656

ANN ARBOR ANTIQUE & MARKET - THE SHELDON FARM. Sunday, August 20, 6 AM - 5 PM. 6050 Ann Arbor Saline Rd. - I-94 Exit 175, go 1 mile south. Over 300 dealers in quality antiques and collectibles. Admission $4. 27th Season. The Original!

ANNUAL EDITION Subscription system "Guide" For more info (810) 852-4882

ANTIQUE CARPUSEL HORSES (white) carved & painted. Almost any condition. (313) 781-2975

ANTIQUE cherry dining room table, 8 chairs, 4 drawers, buffet, china cabinet, $1,000. (313) 729-5256

ANTIQUE BOFA 1888-1978 Walnut, pre-war, rare. Complete. Excellent condition. (313) 937-0811

702 Antiques/ Collectibles

ANTIQUE SALE
10% - 50% off Architectural antiques! Iron, columns, doors, fireplaces, lamps, cast aluminum, garden accessories, etc. Thurs. 10-7, Fri. 10-6, Sat. 10-5, Sun. 11-5. 6 mi. & Middlebelt (W. 12½ Mile) (810) 569-8342. West - Farmington Rd. Exit 1 ½ S. to 6 mi.

ANTIQUES / garage sale - Huge 20 year collection. Thurs. Aug 3rd, 7am-4pm. 4311 Maywood Rd., Pinckney area. Off Grass Rd. at Tavern and Fox Hollow Rd.

ANTIQUE UPRIGHT wheel, $40. 7 Burner stove, $100. (810) 348-7687

DIRECTOR MODELS - one 09 mint condition, used one Call or set of repair manuals. (810) 360-1154

DRESSER, mirrored design, with dovetail construction. Excellent condition. $200. (313) 525-1168

CORNER CABINET - Circa 1860 Walnut, 7 shelf, 3 glass doors. (313) 981-2870

6'7" ANGELE DOLL - 27 in. Victorian mother, and in box. (313) 595-8778

GERMAN BAYONET & sword, WWII, matching #'s $250. (810) 356-0805

RED ARROW Military Collectors Show - Sun., August 6, 8am-4pm. Knights League Hall, 12 Mile & Meadowbrook Rd. Royal Oak. Information (810) 544-9373

19th SQUARE GRAND PIANO Sold by George Steck & Co., New York. Fully restored. ALSO 1920 Century Square Grand Piano. Call (313) 981-8700 or (313) 878-6004

704 Arts & Crafts

AUTOGRAPHS! TOP of the line, personal 8x10's. Call (313) 884-1944

ATTENTION Painters! Frame Shoppe Outlet now starting remodeling. Make it a convenience. Rick (810) 855-1622

704 Arts & Crafts

CRAFTERS WANTED
For new Bi Joseph Bakery/Eatery and Gift Shop in Lake Orion. Mid-10-10 7 PM (313) 281-7713

CRAFTERS WANTED
For St. Joseph Bakery/Eatery and Gift Shop in Lake Orion. Mid-10-10 7 PM (313) 281-7713

DOLL HOUSE, Peppermint Farms, 10 rooms, electrified, wood, 3 ft. 1" (810) 348-4128

WOMEN'S DESIGNER SAMPLES and shop fixtures for sale. By owner as 31 years per sale! Private sale only (313) 451-1815

708 Rummage Sales/ Flea Markets

MILLER Memorial Church Basement, 6115 Haverhill, Aug. 1st, 9 - 4pm, Aug. 2nd, 9 - 12pm. Furniture, clothing, toys, etc. Info 313 273-7008 or 313 937 3190

RUMMAGE SALE - clothing, toys, sporting goods, Thur 8/3, Aug 2 & 3 10am-4pm. 6634 Candlewood Dr. Brownstown, 19 Mile & Allenwood

710 Estate Sales

ESTATE SALES BY DEBBIE
IN HOUSE
•Full Estates - 20% Fee
Cash paid for furniture
•Auction - Consignments
ANTIQUES WANTED
-CASH BUY OUTS-
Our Reputation Is Your Assurance
We Insure
313-538-2939
(NO EXT. CALLS, THEY WON'T)

HOUSEHOLD FURNISHINGS including Queen Anne sectional, hutch, queen sleeper sofa, recliners, occasional tables, lamps, dressers, chests, bedroom sets, kitchen table & chairs, microwave, TV, stereo, VCR, washer & dryer, 1 year old. Aug 3 & 4, 10am-5pm. 6 Mile & Telegraph. Follow signs.

710 Estate Sales

BLOOMFIELD HILLS - Estate sale, moving out, breakfast, beds, dressers, desks, etc. Two bedroom Townhouse Condo & Antiques for Thurs. Lake Rd. & Telegraph. Thurs. & Fri. 9-5.

ESTATE/GARAGE sale. Absolutely everything, antiques, collectibles, furniture & more. Wed. thru Thurs. Sat., 9 & 9, 30855 Chapel Rd., Farmington Hills

SOUTHFIELD ESTATE Sale. Aug 3 - 6th, 9am-6pm. Furniture, TV's, stereos, stereo components, speakers, computer, printer, software, exercise equipment, tools, lots of miscellaneous. 24350 Southfield Rd. (1 block south of 10 Mile) Southfield

711 Garage Sales Oakland

BEVERLY HILLS Moving Sale - Antiques, furniture, household goods, clothing, etc. Aug 3 & 4, 9:30-5. 30100 Beverly, at 13 Mile, Farmington

BIRMINGHAM - Multiple sale, July 3, Downtown & Bates Addition. Aug 3 & 4, Lawson Manor, Bates Addition & Pleasant Ridge. Aug 4, Bates Addition

BLOOMFIELD HILLS - Designer sale, 1000s of designer clothes, shoes, purses, jewelry, etc. Aug 3 & 4, 9-5. 1000 Lone Pine Rd. (Lone Pine & Long Lane, W. of Adams)

711 Garage Sales Oakland

FARMINGTON HILLS Multi family sale. Thurs Only 9-4. 27 & 27½ Mile & Inkster. W. of Middlebelt

FARMINGTON HILLS - Household, clothes, toys, much more! Thurs. Fri. 9-5. 30166 Trailwood Dr. (Inkster & 12 Mile, S. Drive)

FARMINGTON HILLS - Everything must go! Sofa, dining room set, bedroom set, lots of miscellaneous. Aug 3 & 4, 9-5. 31720 Thornbrook Dr. (12 Mile & Drake)

FARMINGTON HILLS - Estate sale, furniture, tools, clothing, toys, much more! Aug 3 & 4, 9-5. 31277 Ingersoll (Orchard Lake & 13 Mile)

FARMINGTON HILLS - Aug. 3 & 4, 9-5. 23 Mile & Inkster. Furniture, TV, stereo, exercise equipment, clothing, toys, much more!

FARMINGTON HILLS - Multi family, Aug 3-5, 10-6. 24275 Lathrup (Between 10 & 11 Mile, E. of Middlebelt)

FARMINGTON HILLS - Moving Sale - Furniture, appliances, tools, lots of miscellaneous. Aug 3 & 4, 9-5. 31677 Pinetree (Between 12 Mile & Drake)

FARMINGTON HILLS - Huge Garage Sale. Aug 3 & 4, 9-5. 23 Mile & Inkster. Furniture, TV, stereo, exercise equipment, clothing, toys, much more!

FARMINGTON HILLS - Multi family sale. Aug 3 & 4, 9-5. 27