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BST3001 Brake Fluid Test Specifications & Instructions

BST3001 Series

Please read all instructions and safety information prior to using product.

Introduction

Brake fluid exchange – also known as a brake fluid flush – is one of the most important safety procedures you can do. When brake fluid is degraded it can severely reduce stopping power, the loss of which can have fatal consequences.

Yet despite its important role in the car's mechanical function, brake fluid is not well understood, nor are the indications of when doing an exchange is called for. Right now millions of cars are cruising America's roads in need of this critical procedure – and thousands of repair shops are missing an opportunity to provide this valuable service.



Brake fluid is formulated with corrosion inhibitors, but those break down over time and corrosion begins to occur. Once the inhibitors are depleted, corrosion occurs at an ever-increasing pace. The brake fluid becomes contaminated with particulates including copper (from steel lines), iron and zinc. The presence of these particulates in the fluid can lead to damage of critical brake system components including calipers, wheel cylinder and brake lines.

The BST3001 Brake Fluid Test is a 60-second test of the copper content of brake fluid. A test strip is inserted into the fluid and in less than a minute it changes color based on the level of copper. Holding the colored strip against the included reference chart provides easy-to-see visual evidence of the copper content of the brake fluid and indicates whether the system needs to be flushed.

Availability

The BST3001 Brake Fluid Test is available in a tube of 100 test strips with the color chart printed on the tube.

Material Data Safety Sheets for our products are available at: www.acustrip.com/msds.html

Procedures

Test brake fluid before maintenance is performed. The test strips should be used by the date on the packaging. For best results:

- Start with clean, dry hands and utensils.
- Run test in a well-lit area, natural light if possible.
- Remove one test strip from the tube being careful to not touch the test pad.
- Dip the test strip in the brake fluid reservoir for a couple of seconds, remove, and shake strip briskly to remove excess liquid.
- 60-120 SECONDS after dipping the strip compare and record results according to the color chart.
- A deeper purple color indicates greater copper contamination. A reading of 200 ppm or above indicates the need for service.
- All readings should be recorded on the vehicle maintenance record for future reference.



**Dispose of your used test strip with normal paper waste.
Dispose of any used brake fluid in accordance with local regulations.**