

The image features a close-up, slightly blurred view of the American flag, showing the stars and stripes. The flag is positioned in the upper two-thirds of the frame. Below the flag, there is a solid red horizontal bar that spans the width of the image. The text is overlaid on this red bar.

# Jurisdictional Use of PBBTs

PBBTs used for enforcement in USA Currently

# Overview

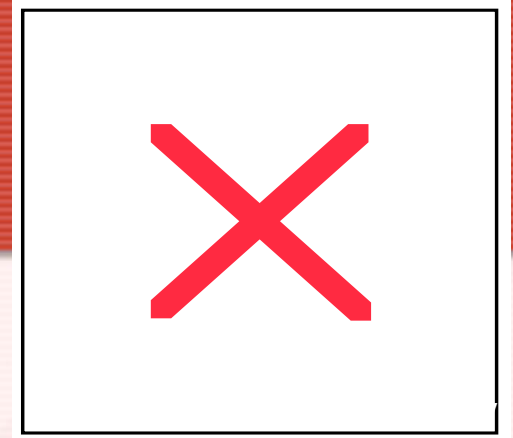
- Performance Based Brake Testers (PBBT) are currently in use by jurisdictions other than roadside inspections.
- Examples are:
  - Registration renewal
  - For – hire vehicle testing
  - Transit bus testing
  - School bus testing

# Registration Renewal



- Many states (18+ DC) require an annual or biennial safety inspection before a vehicle can be registered in the state.
- In New Jersey, Delaware and Washington DC, passing a PBBT is virtually required to renew plates. (Approx 7.5 million vehicles)

# Registration Renewal



- In New York, Massachusetts, Virginia, Missouri, Texas, Illinois (Trucks only) and Utah the use of a PBBT to pass/fail safety inspection is optional.
- Thus 10 states have determined that PBBTs are accurate and repeatable enough for enforcement (put out of service).

# For-Hire Vehicle Testing



- Some local jurisdictions require testing of for-hire vehicles such as taxi cabs and shuttle buses.
- At least the cities (New York, Miami, and Jacksonville) require each vehicle to pass a PBBT regularly. (60,000+ vehicles regulated)

# Transit Bus Testing



- Transit Buses are required to pass a performance brake test in virtually all jurisdictions.
- This has traditionally been accomplished by a measured stop from 20mph (actual road test).
- A number of jurisdictions have now opted for PBBTs because of their all-weather capability and detailed results.
- Estimate 5000 buses tested per year.

# School Bus Testing



- Virtually all states require annual or biannual inspection of school buses.
- Some local jurisdictions have opted to use PBBTs for their periodic bus inspections. (Over 2000 buses tested regularly on PBBTs)

# Summary

- Every day hundreds of vehicles are tested on PBBT for enforcement purposes.
- These test have proven reliable, accurate, and repeatable for many vehicle types.
- These testers have withstood challenges and become accepted practice in may applications.