



Jacobs Vehicle Systems®

EXHAUST BRAKES



JACOBS EXHAUST BRAKES PROVIDES MORE SLOWING POWER FROM YOUR HORSEPOWER

Jacobs Exhaust Brake® provides additional vehicle braking power by restricting the flow of exhaust gases and increasing backpressure to the engine. The exhaust brake can be used alone or in conjunction with other Jacobs® braking technologies.

FEATURES

- ▶ Improves downhill vehicle control
- ▶ A must for towing, providing “peace of mind” to the driver
- ▶ Helps foundation brakes last three times longer, quickly paying for itself
- ▶ For medium- and light-duty engines as well as off-highway and military applications
- ▶ Designed, engineered, and tested to OEM specifications
- ▶ Robust mechanical, hydraulic, and electronic designs
- ▶ Fully-integrated into the vehicle for maximum performance

FEATURES & BENEFITS

The Jacobs Exhaust Brake is available in both in-pipe and Turbo-Mount models. Whichever model you select, you'll find world-class Jacobs' quality and superior performance come standard.

The Jacobs Exhaust Brake has a cast-iron alloy housing and butterfly plate that can survive the extremely high exhaust gas temperatures seen after the turbocharger. So you can count on reliability and durability, no matter how much you use it.

Jacobs products are also OEM-test certified and have an exclusive design to eliminate contamination and carbon build-up in the housing and keep the butterfly plate opening and closing freely. In addition, the aerodynamic design of the housing and butterfly plate allows for a smooth exhaust gas flow to maintain fuel economy.

Other benefits include steadier, more efficient braking performance, reduced wear on the engine, tires, and brakes, while lowering vehicle maintenance costs and reducing vehicle downtime. Additionally, the Jacobs Exhaust Brake itself requires no periodic maintenance.

Last, but hardly least, the Jacobs Exhaust Brake is a member of the famous Jake Brake family of products. Owner/operators, truck dealerships, fleet owners and RV users around the world trust Jake Brake products for ultimate safety, unsurpassed performance and reduced operating expenses.

- **No Contamination**
Sealed air cylinders to prevent contamination
- **Reliability**
Innovative split shaft design helps ensure consistent operation
- **Maximum Power**
Preset orifice
- **Longer Life**
Alloyed cast-iron housing and butterfly plate for long life

HOW IT WORKS

By increasing backpressure to the engine, the exhaust brake forces the pistons to push against additional force during the exhaust stroke, slowing the crankshaft's rotation and helping to control the vehicle speed. Overall, this requires less use of the service brakes, giving them a longer life and reducing overall cost of ownership.

PERFORMANCE

EXHAUST BRAKE POWER

