

Smartbrake is manufactured by *Hersham U.S.A., Inc.*, a company with more than 35 years of experience in the secondary braking market. They have more than one million trucks worldwide equipped with a Smartbrake.

Smartbrake is the only *modulating guillotine endurance brake*. Unlike a fixed orifice exhaust brake, Smartbrake will provide the maximum manifold backpressure and retarding horsepower throughout the entire rev range.

Smartbrake is used on fire and rescue trucks, tow trucks, wreckers, waste disposal, Class 3 through 8 trucks, RVs, transit buses, and has been approved for use by many states on school buses.

Smartbrake offers the standard three-year limited warranty on brake assembly.

Please contact us at (248) 651-1242 or visit our website at www.smartbrake.com to locate the closest Smartbrake distributor.

"We have extended our brake lining life by 3.5 times. We are using the Smartbrake on both M-11 and C-12 engines, and will not buy compression brakes."

~ Randy Pierce, Road Commision

"The drivers like the Smartbrake. We expect to save over \$225,000 on 25 shuttle buses over five years with Smartbrake."

*~James Fitzgerald,
National Fleet Maint. Mgr,
Transit Buses*

"The strongest and most reliable modulating guillotine-style endurance brake."



P.O. Box 80970
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Office: (248) 651-1242
Fax: (248) 651-1449
www.smartbrake.com



**Powerful,
Reliable
Braking**

Features

Safety:

Smartbrake is by far the best choice in retarders. Due to our modulating pressure plate, we provide an anti-fade feature for long descents.



Savings:

By using Smartbrake, you will save money by reducing down time and brake wear. The purchase price is quickly recovered.



Power:

Smartbrake will provide the maximum retarding horsepower that the engine will provide throughout the entire rev range. More than 400 retarding horsepower has been independently recorded.



Sound:

Smartbrake is quiet enough to be used in those areas that compression brakes can not.

Weight:

Smartbrake weighs a fraction of a compression brake and transmission retarder. Therefore, it allows you to increase your load.

Choice:

Smartbrake is built for a lifetime and to last in extreme conditions.



Products

Air-Set Smartbrake

- Adjustable retardation from maximum to minimum braking horsepower to suit road, weather, and vehicle load conditions.

Fixed Air-Set Smartbrake

- Maximum braking horsepower
- Rapid engine warm-up
- Maintains constant engine temperature in cold conditions
- Assist with reducing particulate matter
- Engine shutdown in volatile atmospheres

Spring-Set Smartbrake

- Maximum braking horsepower



Turbo Mount



Flat Box (Inline)

Installation

Smartbrake can be either installed onto the turbo charger or inline. Average installation time is five to six hours.

**Smartbrake works with standard and automatic transmissions.*

Applications

Caterpillar

- 3116, 3126, 3126B, 3126E, C-7, C-9, C-11, C-12, C-13, C-15, C-16, and 3406E

Cummins

- B-Series, C-Series, ISB, ISC, ISL, M-11, ISM and N-14 (*B and C Series must have heavy duty valve springs*)

International

- DT466, DT466E, DT530, DT530E

Detroit Diesel

- 40 Series, 50 Series, and 60 Series

Mack

- E-7

