

# Shocker PASS<sup>®</sup>

POSITIVE AIR SHUTOFF SYSTEM

## SHOCKER POSITIVE AIR SHUTOFF SYSTEMS

### Diesel Engines

Protection For All Diesel Engines

#### WHAT IS IT?

The Shocker PASS system is an electrically controlled positive air shutoff. It cuts off the air supply to the engine when actuated, resulting in engine shutdown in a fuel charged atmosphere.

#### WHY YOU NEED IT!

For anyone who works in or around natural gas or propane and owns a diesel engine, the Shocker Positive Air Shutoff System is a necessity.

If your diesel engine is exposed to unburnt hydrocarbons, it will rev uncontrolled until destruction, even if you turn the key off!

A diesel engine does not require electricity or a spark to run. As a result, it will burn the fuel in the atmosphere indefinitely.

The only way to stop this is to shut off the air supply.

#### WHY CHOOSE OUR VALVE?

- One piece billet aluminum body
- Corrosion resistant coatings and stainless steel fasteners
- Solid state weather resistant electronic controller
- Single 1/4 turn reset knob OR auto reset option
- Stringent quality control -each unit is hand tested
- Complete installation manual with each kit
- Made in North America
- **TWO YEAR PARTS WARRANTY**

#### AUTO RESET SYSTEM

- RPM controlled overspeed activation
- Automatic valve re-opening
- Activation source
  - CAN J1939 message
  - Engine pulse (mag sensor)
  - Generator end pick-up
  - OBDII
- Manifold direct mount for select engines
- Solenoid style 1½" to 5½."
- MG style 4" and up

#### OPTIONS

- Automatic Rev Limiter
- 12V and 24V activation
- In-cab military style on/off switch with lockout guard OR touch pad control
- Wiring harness
  - various standard lengths
  - custom harnesses
- Insta-bead
- Multiple speed sensor sizes
- In-house or mobile installation

#### IN-HOUSE DEPARTMENTS

- Research and Development
- 3D CAD Design
- 3D Printing
- Graphics Printing
- Machine Shop
- Technical Support

From industrial to competition... we can supply a Positive Air Shutoff System for any size diesel engine.

**AMERICAN DISTRIBUTION CENTER LOCATED IN HASTINGS NEBRASKA**

**Manufactured by:**  
Headwind Solutions  
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# Headwind Solutions

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