

# Activation Kit - Electric to Pneumatic

## Diesel Engine Air Intake Shutoff Valves

### Key Features and Benefits

- Includes all components needed to activate your shutdown system
- Reduces installation cost and time
- Valves and kits available together

### Overview

AMOT offers a wide variety of Electric and Electric to Pneumatic (Electric / Air) Activation Kits to convert non-automatic systems into automatic systems. Activation kits are available for all Air Intake Shutoff Valves. Each activation kit contains the hardware required to properly install and integrate the specified shutdown system into the diesel engine application. The kits are specific for each type of system and application.

### Kit Includes:

Kit Part No.	Content
AK-P1-M Electric to Pneumatic Activation Kit 12V	<ul style="list-style-type: none"> <li>- 12V Solenoid Electric/Air 3-way valve</li> <li>- Air vent and tee</li> <li>- Elbows and fittings</li> <li>- Hose</li> <li>- Covered toggle switch</li> <li>- Decal</li> </ul>
AK-P2-SM Electric to Pneumatic Activation Kit 24V	<ul style="list-style-type: none"> <li>- 24V Solenoid Electric/Air 3-way valve</li> <li>- Air vent and tee</li> <li>- Elbows and fittings</li> <li>- Hose</li> <li>- Covered toggle switch</li> <li>- Decal</li> </ul>

### Kit Components



### For Fully Automatic Systems Add:

Part No.	Content
WK-4070-PS* Fully Automatic	Wiring Harness Kit - Includes Main Power, Signal and Ground Harnesses
1510-001	RevGuard (Speed Switch) - Monitors engine speed and triggers valve at programmable threshold point
4031-001 or 4031-001S**	Magnetic Pick-up Sensor - (3/4 NF x 2.3"L) or (3/4 NF x 1.8"L) Provides engine speed signal to RevGuard

\* for 12V ISE and pneumatic systems only

\*\* unless using alternator signal; contact factory for additional Mag Pick-up options



Wiring Harness Kit



RevGuard



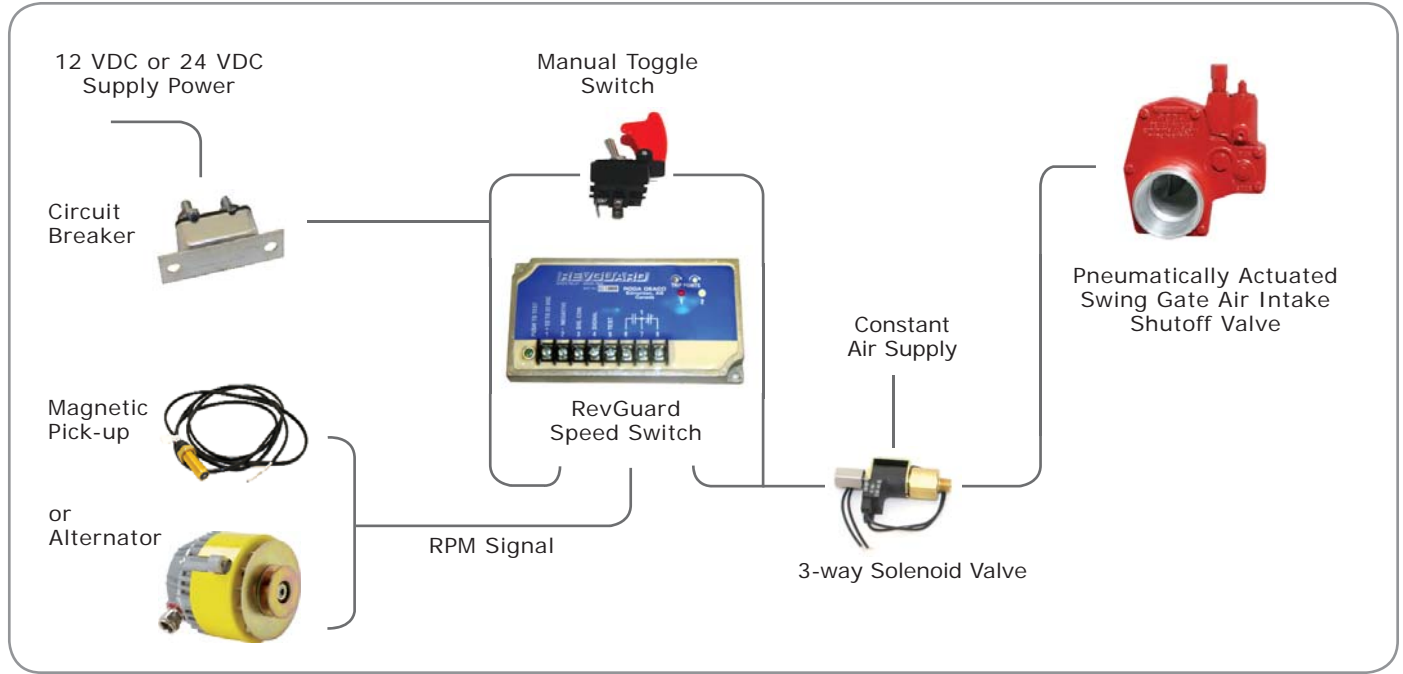
Magnetic Pick-up Sensor

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## System Diagram

Example:

Automatic Electric to Pneumatic RPM Overspeed Detection Shutdown System with Manual Override



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