

HELPING YOU PROUDLY SELL

/// **PACBRAKE**®

EXHAUST BRAKES · ENGINE BRAKES · AIR SUSPENSION · ONBOARD AIR · SHUT-OFF VALVES



POWERHALT

**PR
XB**



LOADLEASH

A GUIDE TO PACBRAKE'S
**Logos, Product Shots &
Promotional Images**

www.pacbrake.com



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PACBRAKE LOGOS



Pacbrake logo – Black and blue



Pacbrake logo – White and blue



Pacbrake logo – Black



Pacbrake logo – White

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PRXB LOGOS



PRXB logo

PRXB PRODUCT IMAGES



PRXB – Exhaust brake orange



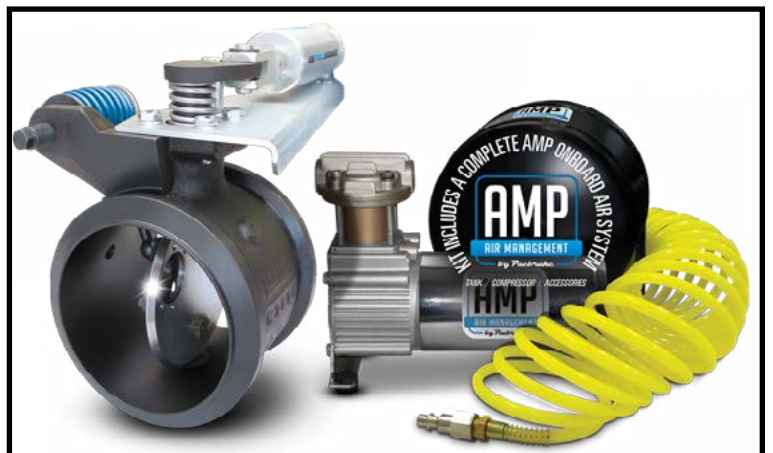
PRXB – Exhaust brake blue



PRXB – Dodge L brake



PRXB – Kit includes



PRXB – Complete exhaust brake kit

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PRXB PRODUCT IMAGES



PRXB – Kit

PRXB SPECS

PRXB EXHAUST BRAKE OPERATION

SPRING

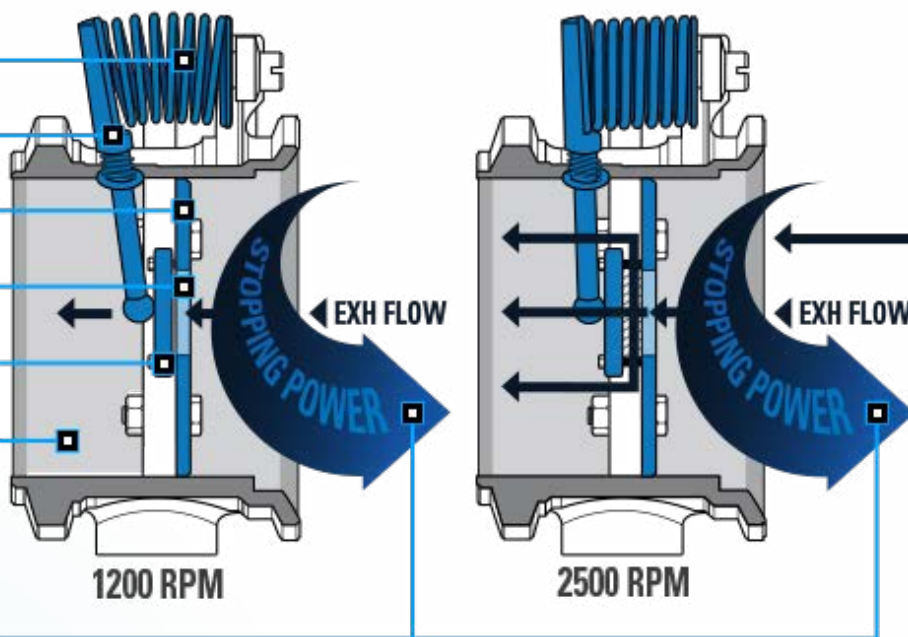
ARM (Operated By Spring)

BUTTERFLY VALVE (Closed)

ORIFICE (Hole In Butterfly Valve)

PLATE (Covering Orifice)

EXHAUST BRAKE HOUSING



BACKPRESSURE

Constant Over The Entire RPM Range

PRXB – Exhaust brake operation

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PRXB SPECS



PRXB EXHAUST BRAKE

5% GRADE

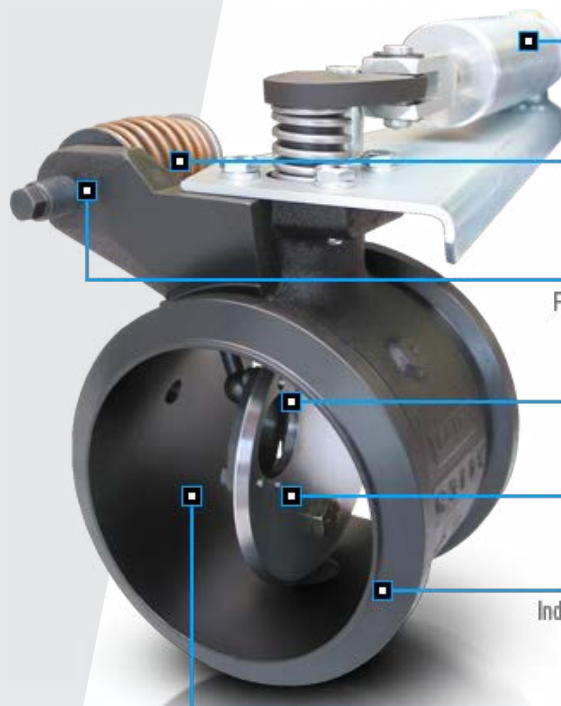
STRONGEST BRAKING HORSEPOWER
Vehicles equipped with PRXB exhaust brakes slow from 50 MPH to 20 MPH
1500ft SOONER than vehicles equipped with standard exhaust brakes



STANDARD BRAKE

PRXB – Strongest braking horsepower

PRXB EXHAUST BRAKE SPECIFICS



STAINLESS STEEL SEALED AIR CYLINDER

Hard coated stainless steel cylinder & shaft with high performance seals throughout

AUTOMATIC LOW RPM ADJUSTMENT

Optimum retarding performance maintained by maximizing exhaust backpressure throughout the entire RPM range

MAXIMUM ALLOWABLE EXHAUST BACKPRESSURE LIMIT

Factory preset and designed to meet standards and requirements set by the engine manufacturer

NO OVERPRESSURE POTENTIAL

Enlarged orifice design

90° CLOSING, NON-CONTACTING BUTTERFLY VALVE

Guarantees engine safety with special design to prevent sticking

ARCOR® NITRIDE HOUSING & COMPONENTS

Industry exclusive process that increases resistance to wear & corrosion, strengthens and adds lubricity

FREE FLOW EXHAUST

When not activated, exhaust flow is unrestricted and won't interfere with power output

PRECISION MOUNTING SURFACE

Both contacting surfaces are machined, which eliminates the need for gaskets

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PRXB – Points

LOADLEASH LOGOS

LOADLEASH

LoadLeash logo – Grey and blue

LOADLEASH

LoadLeash logo – White and blue

LOADLEASH

LoadLeash logo – Black

LOADLEASH

LoadLeash logo – White

LOADLEASH PRODUCT IMAGES



LoadLeash – long shot - left



LoadLeash – long shot -right



LoadLeash – Left

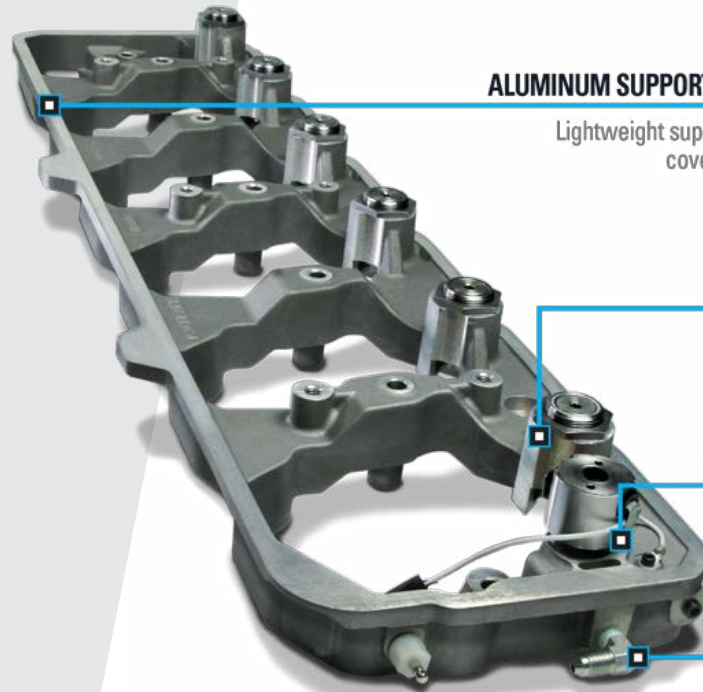


LoadLeash – Right

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LOADLEASH SPECS

LOADLEASH ENGINE BRAKE SPECIFICS



ALUMINUM SUPPORT HOUSING (REPLACES OE SPACER)

Lightweight support housing replaces the factory valve cover spacer with no valve height increase

CONTROL SOLENOID

One per brake assembly

MODULAR CONTROL COMPONENT

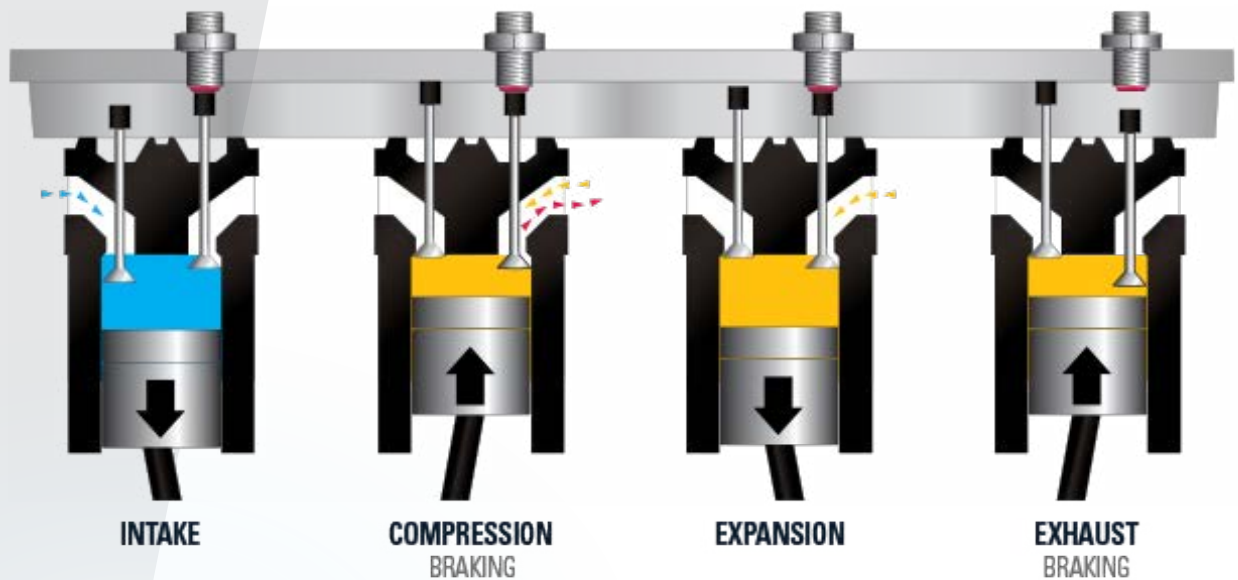
Easily serviceable

EXTERNAL OIL ENTRY POINT

LoadLeash – Points

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LOADLEASH + VARIABLE-GEOMETRY TURBOCHARGER (VGT) APPLIED



INTAKE

COMPRESSION
BRAKING

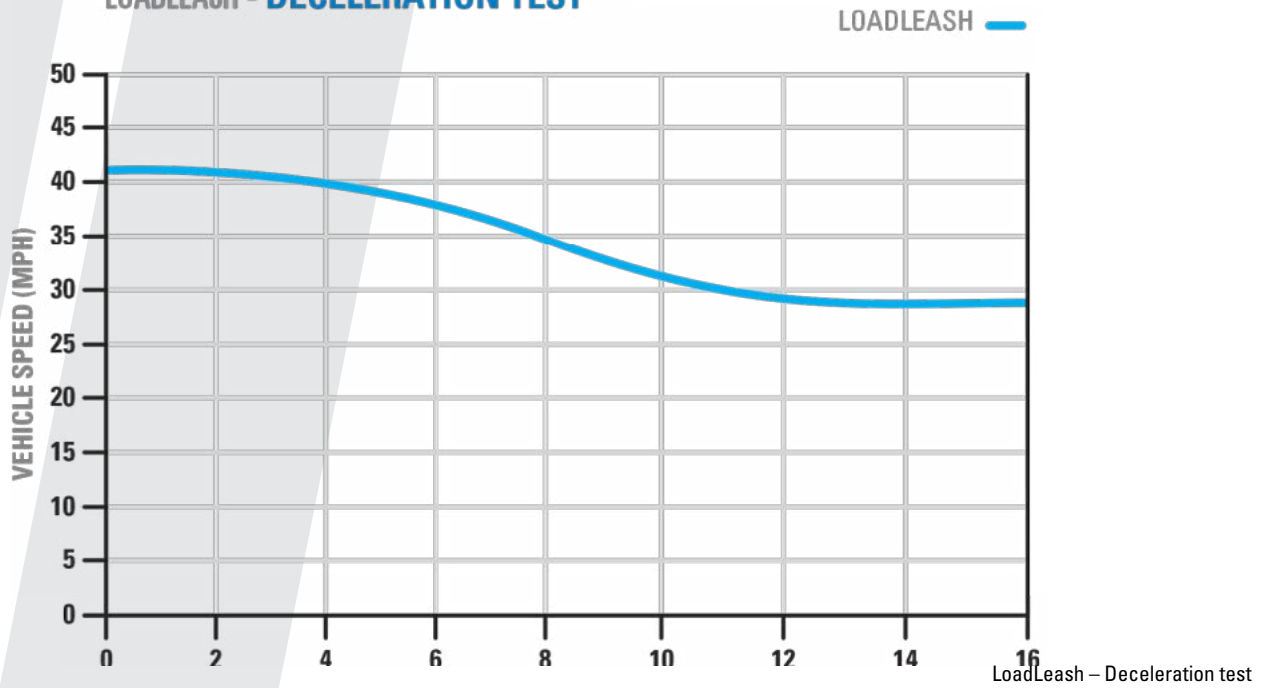
EXPANSION

EXHAUST
BRAKING

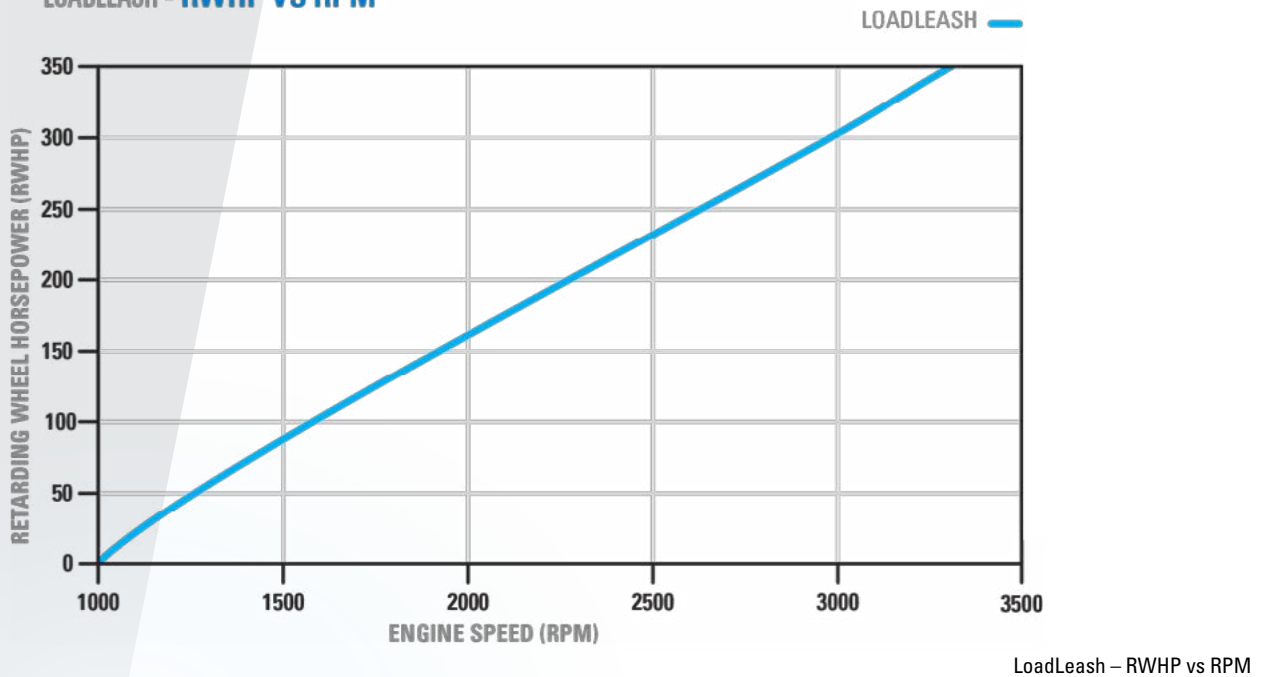
LoadLeash – VGT points

LOADLEASH SPECS

LOADLEASH - DECELERATION TEST



LOADLEASH - RWHP VS RPM



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AMP LOGOS



AMP White Logo



AMP Black Logo

AMP ICONS

AIR SUSPENSION



AIR HORNS



INFLATABLES



FLAT TIRES



SMALL AIR TOOLS



AMP – Icons – Application

AIR SUSPENSION



AIR TANKS



AIR COMPRESSORS



IN-CAB CONTROLS



AMP – Icons – Product

Headlight Misalignment



RESTORE VISIBILITY

Sag & Sway



LEVEL YOUR LOAD

Bottoming Out



BETTER BRAKING THROUGH PROPER WEIGHT DISTRIBUTION

EASY BOLT-ON
INSTALLATION

LIFETIME
WARRANTY

AMP – Icons – Solutions

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AMP PRODUCT IMAGES

Group Shots



AMP – Group shot 1



AMP – Group shot 2



AMP – Group shot 3



AMP – Group shot 4

Air Suspension Air Bags



AMP – Airbags – Group shot



AMP – Airbags– Cutaway



AMP – Airbags– Double convoluted



AMP – Airbags – Double convoluted large



AMP – Airbags – Single convoluted



AMP – Airbags– Sleeve



AMP – Airbags– Poly

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Air Suspension Kits



AMP – Kit – HP10002



AMP – Kit – HP10004



AMP – Kit – HP10005



AMP – Kit – HP10019



AMP – Kit – HP10033



AMP – Kit – HP10070



AMP – Kit – HP10071



AMP – Kit – HP10072



AMP – Kit – HP10088

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Air Suspension Kits



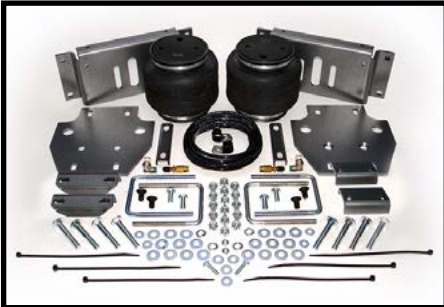
AMP – Kit – HP10089



AMP – Kit – HP10120



AMP – Kit – HP10121



AMP – Kit – HP10126, HP10128, HP10158



AMP – Kit – HP10144



AMP – Kit – HP10147



AMP – Kit – HP10153, HP10155



AMP – Kit – HP10171

Spacers



AMP – Spacers – HP10152, HP10154, HP10156

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Onboard Air Management Air Compressors



AMP – Compressor HP325 12V



AMP – Compressor HP325 24V



AMP – Compressor HP625 24V



AMP – Compressor HP625 Horizontal



AMP – Compressor HP625 Vertical

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Onboard Air Kits



AMP – AirBoard – Small



AMP – AirBoard – Large



AMP – AirBoard – Group 1



AMP – AirBoard – HP10163



AMP – AirBoard – HP10064

Air Tanks



AMP – Tanks – Group with hose



AMP – Tanks – Group



AMP – Tanks – HP10051 – 5 gallon



AMP – Tanks - HP10050 – 2.5 gallon



AMP – Tanks – HP10053 – half gallon

In-Cab Controls



AMP – HP10133 – Single-paddle



AMP – HP10124 – Dual-paddle-switch



AMP – HP10062 – Dash activation switch



AMP – HP10022 – Switch & solenoid



AMP – HP10062 – Switch & solenoids



HP10098 – Compressor & switch



HP10135 – Compressor & switch

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AMP SPECS

PACBRAKE AIR SPRINGS HAVE NO EQUAL

2 PLY RUBBER

Increased Capability To Withstand Wear & Tear

18 SUPPORT WIRES

For Extra Durability & Added Strength

REINFORCED ALUMINUM END CAPS

Anodized For Corrosion Resistance



AMP – Air Suspension points

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DARE TO COMPARE...

AMP AIR SPRINGS HAVE NO EQUAL

Use the strongest air springs on the market to level your truck's stance while providing added support for an overall smoother safer ride.

CHECK OUT THE COMPETITION...



1/8" Steel End Caps

Only 9 Support Wires



1/4" Plastic End Caps

Only 15 Support Wires



AMP – Dare to compare



Air Compressors Specs Points

HP325 SERIES AMP AIR COMPRESSOR SPECIFICS

150 PSI MAX WORKING PRESSURE

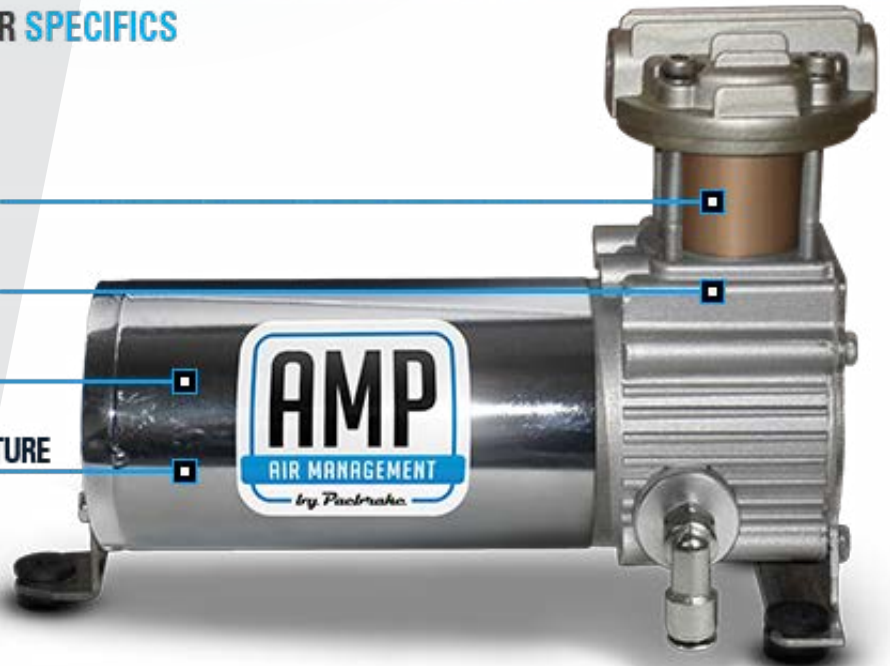
DRAWS 18 AMPS (12V), 9 AMPs (24V)

33% DUTY CYCLE, 1.2 CFM

158°F MAX / -40°F MIN AMBIENT TEMPERATURE

8.7" x 4" x 6.2" (LxWxH), 5.5LBS

12 OR 24 VOLT DC VERSIONS AVAILABLE



AMP- HP325 Points

HP625 SERIES AMP AIR COMPRESSOR SPECIFICS

150 PSI MAX WORKING PRESSURE

DRAWS 45 AMPS (12V), 22.5 AMPS (24V)

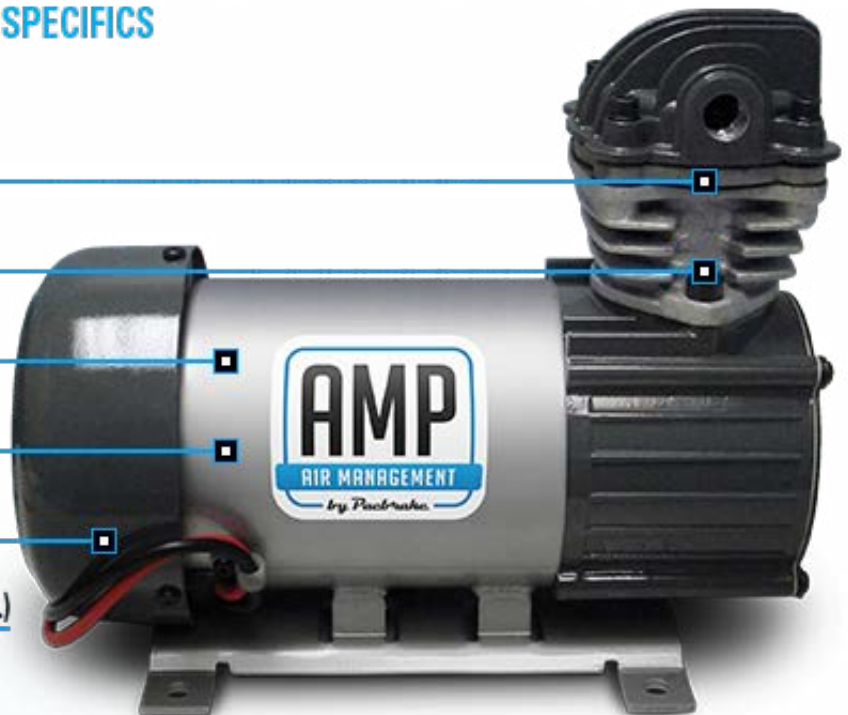
100% DUTY CYCLE, 3.4 CFM

158°F MAX / -40°F MIN AMBIENT TEMP

11.5" x 6" x 9.5" (LxWxH), 17.7LBS (VERTICAL)

11.5" x 9.5" x 6" (LxWxH), 17.7LBS (HORIZONTAL)

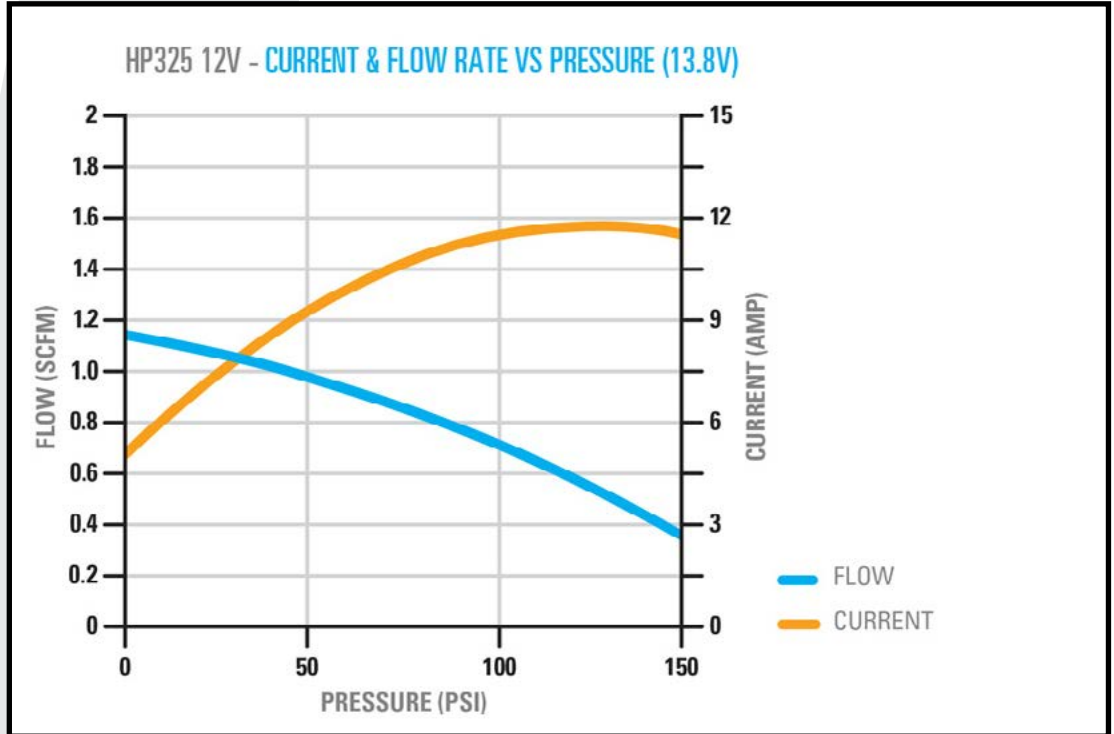
12 OR 24 VOLT DC VERSIONS AVAILABLE



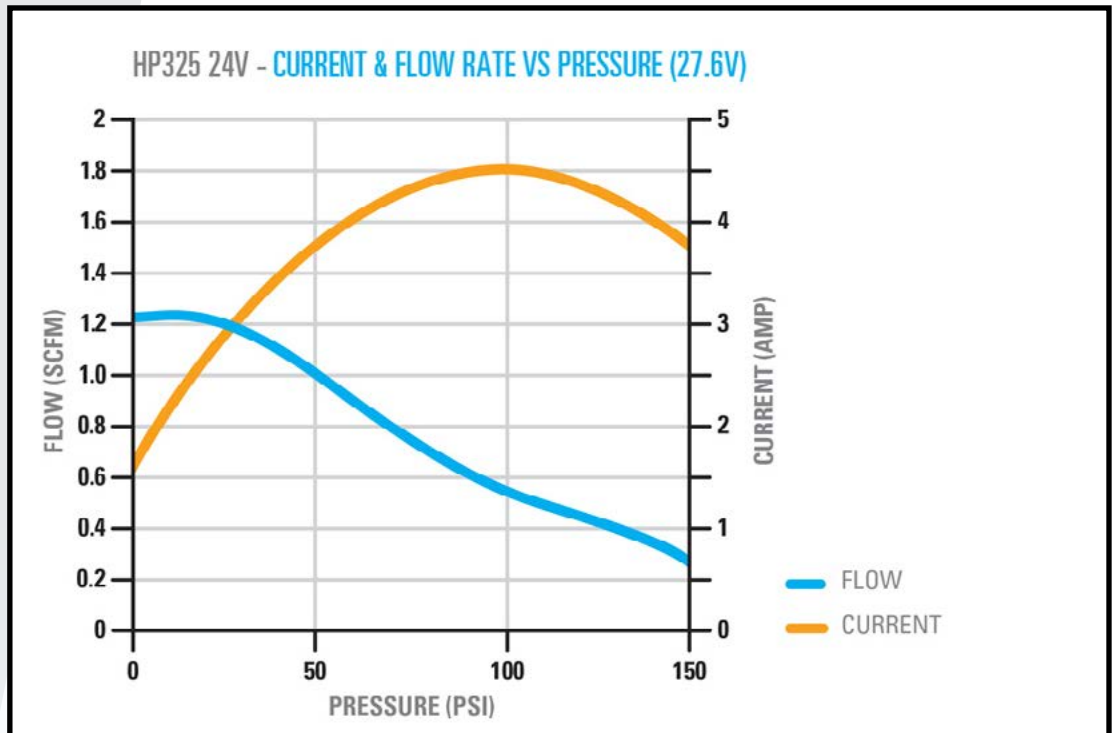
AMP- HP625 Points

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Air Compressors Specs
Compressor Graphs



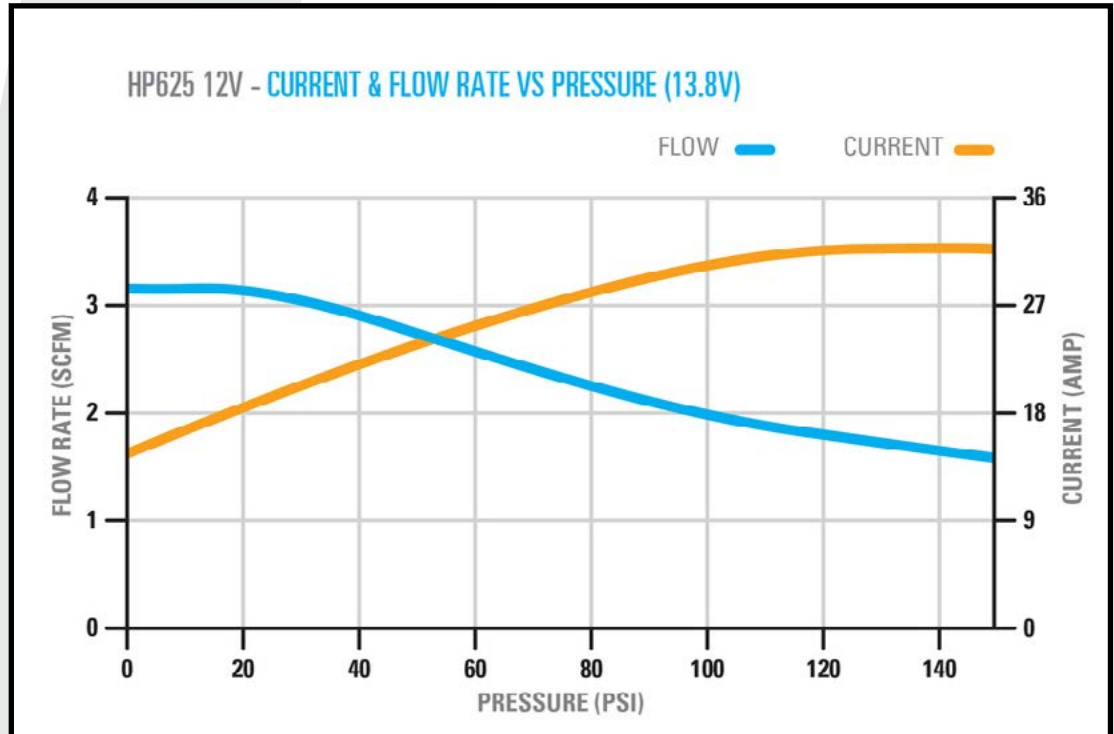
AMP- Graph: Current & flow rate vs pressure HP325 12V



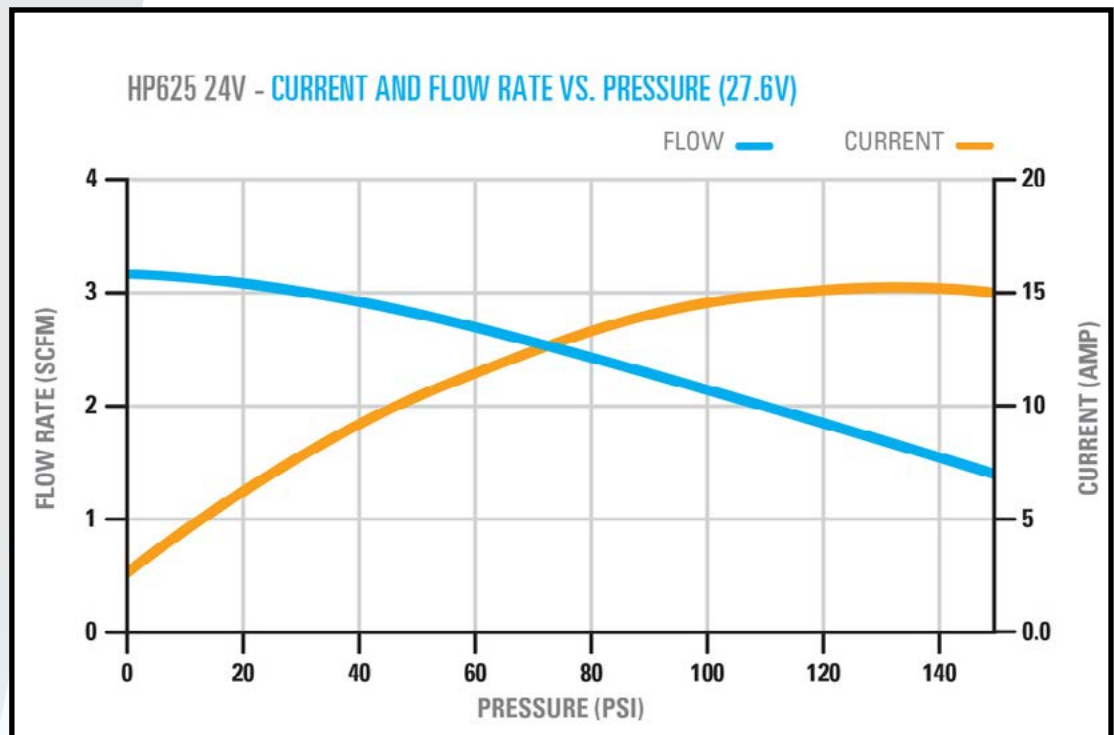
AMP- Graph: Current & flow rate vs pressure HP325 24V

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Air Compressors Specs
Compressor Graphs



AMP- Graph: Current & flow rate vs pressure HP625 12V



AMP- Graph: Current & flow rate vs pressure HP625 24V

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Air Compressors Specs

Compressor Fill Rate Charts

TANK FILL TIME HP325 12V

TANK SIZE	TANK PART NUMBER	0 to 100 PSI	100 to 150 PSI
½ Gallon	HP10053	23 seconds	23 seconds
2 ½ Gallon	HP10050	157 seconds	130 seconds

AMP– Fill rate chart – HP325 12V

TANK FILL TIME HP325 24V

TANK SIZE	TANK PART NUMBER	0 to 100 PSI	100 to 150 PSI
½ Gallon	HP10053	33seconds	25 seconds
2 ½ Gallon	HP10050	174 seconds	155 seconds

AMP– Fill rate chart – HP325 24V

TANK FILL TIME HP625 12V

TANK SIZE	TANK PART NUMBER	0 to 100 PSI	100 to 150 PSI
½ Gallon	HP10053	12 seconds	8 seconds
2 ½ Gallon	HP10050	60 seconds	46 seconds
5 Gallon	HP10094	156 seconds	127 seconds

AMP– Fill rate chart – HP625 12V

TANK FILL TIME HP625 24V

TANK SIZE	TANK PART NUMBER	0 to 100 PSI	100 to 150 PSI
½ Gallon	HP10053	11 seconds	9 seconds
2 ½ Gallon	HP10050	55 seconds	46 seconds
5 Gallon	HP10094	127 seconds	110 seconds

AMP– Fill rate chart – HP625 24V

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POWERHALT LOGOS

POWERHALT

AIR INTAKE EMERGENCY SHUT-OFF VALVES *by* **PACBRAKE**

PowerHalt Logo – Blue and black

POWERHALT

AIR INTAKE EMERGENCY SHUT-OFF VALVES *by* **PACBRAKE**

PowerHalt Logo – White and blue

POWERHALT

AIR INTAKE EMERGENCY SHUT-OFF VALVES *by* **PACBRAKE**

PowerHalt Logo – Black

POWERHALT

AIR INTAKE EMERGENCY SHUT-OFF VALVES *by* **PACBRAKE**

PowerHalt Logo – White

POWERHALT MODELS

PH1

PH1 Logo – Black

PH2

PH2 Logo – Black

PH3

PH3 Logo – Black

PH1

PH1 Logo – White

PH2

PH2 Logo – White

PH3

PH3 Logo – White

POWERGUARD

SMART OVERSPEED LIMITER

Image 052 – PowerGuard Logo – Black and blue

POWERGUARD

SMART OVERSPEED LIMITER

Image 053 – PowerGuard Logo – White and blue

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POWERHALT PRODUCT IMAGES



PH2 – Valve – For Cummins power gen application
(with flap position feedback)



PH2 – Valve – Electric actuation 4"



PH2 – Valve – Electric actuation



PH3 – Valve – 2"



PH3 – Valve – 4"



PH3 – Valve – 4" Left

PH2

PH3

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POWERHALT COMPONENTS



PowerGuard – Controller



PowerHalt – Membrane switch



PowerHalt – Toggle switch



PowerHalt – Magnetic pick up



PowerHalt – Pull cable with faceplate



PowerHalt – Harness



PowerHalt – Mounting kit



PowerHalt – Pneumatic Solenoid - 12V/24V

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POWERHALT PRODUCT SPECS

POWERHALT PH2 SPECIFICS



LARGE VISIBLE RESET KNOB

ELECTRICAL, PNEUMATIC &
MANUAL ACTIVATION OPTIONS

12 VOLT & 24 VOLT ACTUATION

ANODIZED ALUMINUM &
STAINLESS STEEL COMPONENTS
FOR CORROSION PROTECTION

BUTTERFLY STYLE VALVE

OFF THE SHELF & CUSTOM
DESIGNS / SIZES AVAILABLE

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PH2 points

POWERHALT PRODUCT SPECS

POWERHALT PH3 SPECIFICS

AUTOMATIC VALVE RESET

DELPHI WEATHER TIGHT CONNECTOR

VALVE POSITION FEEDBACK

12 OR 24 VOLT PRECISION TORQUE MOTOR

EXERCISE CYCLE

ALUMINUM & STAINLESS STEEL COMPONENTS
FOR CORROSION PROTECTION

INNOVATIVE SHAFT SEALING SYSTEM WITH VALVE PRELOAD

LIGHT WEIGHT



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PH3 points

PERFORMANCE PRODUCT IMAGES

Exhaust System Solutions



VA - Elbow



VA- Ceramic elbow

Accessories



VA - HP10073 - Air horns



VA - HP10152, HP10154, HP10156 - Spacers



VA-HP10006, HP10007, HP10016, HP10174 - Remote oil filter



VA - C44083 - Max flow dodge elbow



VA - HP10029 - Governor spring kit



VA- C18056 - 4WD 2 wheel low kit



VA - C18053 - Override switch



VA - HP10025 - Tie rod sleeves



VA - C18040, C18041, 18042 - Pacbrake switch-pac

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VA – HP10026 – Leveling kit



VA – C11745 – Foot switch

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