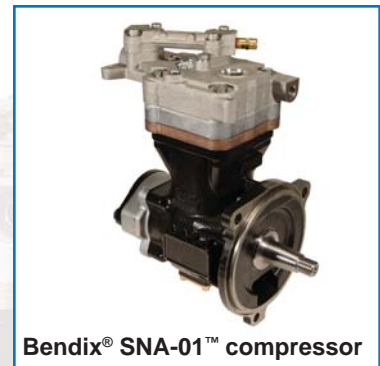


Aftermarket Compressor Application Guideline

For 2007–2010 Volvo®/Mack® Engines Only

This useful Compressor Application Guide is a simple point system using vehicle configuration and vocation options to help you determine the Bendix® compressor that's right for your vehicle. Review items 1–13, fill in the applicable points on each line, then refer to the application grid on page 2 for the proper Bendix compressor selections that can meet your vehicle's intended use. When completing the worksheet, if a particular entry is not valid for your application, enter zero on that line. Page 3 of this Guide provides several examples of how to use this tool.



Vehicle Configuration		Points
1. Vehicle is equipped with bulk offloading or central tire inflation		(See Note 1)
2. For every axle (tractor & trailer – including lifts):	Add 1.0 point/axle ▶	
3. For each non-steerable lift axle (additional points):	Add 1.0 point/axle ▶	
4. For each steerable lift axle (additional points):	Add 0.5 points/axle ▶	
5. Tractor and/or trailer is equipped with air suspension	Add 0.5 points ▶	

Vocation Options (Select the description that best fits)

6. Vehicle is used as a city transit bus		(See Note 1)
7. Vehicle is used for pick-up & delivery	a) Non-fuel hauler: add 0.5 points ▶	
	b) Fuel hauler: add 1.0 point ▶	
8. Vehicle is used for residential refuse		
	• Vehicle with a work brake	Add 4.5 points ▶
	• Vehicle without a work brake	Add 7.5 points ▶
9. Vehicle is used for rural or commercial refuse		Add 3.5 points ▶
10. Vehicle is used as a yard or terminal jockey		Add 7.5 points ▶
11. Vehicle is a dump truck, a concrete mixer, or is used in logging or construction		Add 2.0 points ▶
12. Vehicle is a fire truck – “Fast Fill” system (See Note 1)		Add 6.0 points ▶
13. Vehicle is used for line haul		Add 0.0 points ▶

Total Score








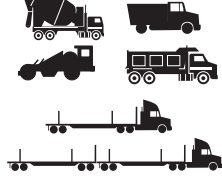



(Add lines 1–13 and use that sum on page two of this guide)

Note 1: Vehicles equipped with bulk offloading, central tire inflation, city transit bus applications, as well as all fire truck and aircraft rescue applications to reduce the complexity of the “Fast Fill” system, are required to use a high-output twin cylinder compressor. At this time, Bendix does not offer a compressor for these applications.



For generations, the Bendix name has meant quality, reliability and durability when it comes to your vehicle's air charging system. Let us show you what we can do for you.



Aftermarket Applications for Volvo®/Mack® Engines (2007–2010 Vehicles Only)		Point Totals	Bendix® SNA-01™ Compressor
	School Bus / RV / Air over Hydraulic	N/R	✓
	City Transit Bus / Highway Travel Coach / Express Route Coach	N/R	N/A ¹
	School Bus Rural Route (No Auto Brake)	N/R	✓
	School Bus City Route (No Auto Brake)	N/R	✓
	Pick-up & Delivery	2.5 - 6	✓
		9.5 - 13	N/A ¹
	Line Haul	3 - 6	✓
		6.5 - 9	✓
		9.5 - 13	N/A ¹
	Rural or Commercial Refuse	6.5 - 9	✓
	Rural or Commercial Refuse / Yard or Terminal Jockey	9.5 - 13	N/A ¹
	Residential Refuse (with a Work Brake)	6.5 - 9	✓
	Residential Refuse (without a Work Brake)	9.5 - 13	N/A ¹
	Concrete Mixer / Dump Truck / Off-Highway / Construction / Logger	4 - 9	✓
		9.5 - 13	N/A ¹
	Fire Trucks	6.5 - 9	✓
		9.5 - 13	N/A ¹
	Bulk Off-loader	N/R	N/A ¹
	Central Tire Inflation	N/R	N/A ¹

This compressor application matrix offers directional information when sizing a Bendix® compressor for the applicable vehicle vocation. This application matrix assumes that all compressor installations use an air induction system that is naturally aspirated.

N/A¹ - A Bendix compressor is not currently available to support these applications.

N/R - No Points Required - The application is not dependent on point totals.

Application Guidelines*

Bendix® SNA-01™ Compressor	Point Totals																	
	Points	2.5	3	4	5	6	6.5	7	8	9	9.5	10	11	12	13	14	15	16 or above

Certification to all applicable vehicle regulations is the sole responsibility of the vehicle manufacturer.

*The application chart is for reference only. If your truck/tractor does not fall into these guidelines, please contact the Bendix Compressor Engineering or Technical Services teams at 1-800-AIR-BRAKE (1-800-247-2725).

Example #1: Typical Line Haul Application

Vehicle Configuration

- 1. Not Applicable
- 2. Total number of all axles = 3 points
- 3. Total number of non-steerable lift axles = 0 points
- 4. Total number of steerable lift axles = 0 points
- 5. Tractor is equipped with air suspension = .5 point

Vocation Options

- 6, 7, 8, 9, 10, 11, 12 (Not Applicable) = 0 points

Total [3 + 0.5 = 3.5 points]

Selection choices include: Bendix® SNA-01™ air compressor



A typical single axle, line haul vehicle:

- Air suspension
- Three (3) axles total

Example #2: Line Haul Pulling Single Axle Double

Vehicle Configuration

- 1. Not Applicable
- 2. Total number of all axles = 5 points
- 3. Total number of non-steerable lift axles = 0 points
- 4. Total number of steerable lift axles = 0 points
- 5. Tractor is equipped with air suspension = .5 point

Vocation Options

- 6, 7, 8, 9, 10, 11, 12 (Not Applicable) = 0 points

Total [5 + 0.5 = 5.5 points]

Selection choices include: Bendix SNA-01 air compressor



A 4x2 line haul vehicle pulling:

- (2) single axle trailers
- (1) single axle dolly
- Tractor air suspension
- Five (5) axles total

Example #3: Bulk Gravel Hauler

Vehicle Configuration

- 1. Not Applicable
- 2. Total number of all axles = 7 points
- 3. Total number of non-steerable lift axles = 2 points
- 4. Total number of steerable lift axles = 0 points
- 5. Tractor is equipped with air suspension = .5 point

Vocation Options

- 6, 7, 8, 9, 10, 12, 13 (Not Applicable) = 0 points
- 11 (Vehicle is used as a dump truck/construction) = 2 points

Total [7 + 2 + 0.5 + 2 = 11.5 points]

Selection choices include: No Bendix air compressor available



A bulk gravel hauling vehicle:

- Two (2) non-steerable lift axles
- Truck equipped with air suspension
- Seven (7) axles total

Example #4: Fuel Hauler (Not Equipped with Bulk Offloading)

Vehicle Configuration

- 1. Not Applicable
- 2. Total number of all axles = 7 points
- 3. Total number of non-steerable lift axles = 1 point
- 4. Total number of steerable lift axles = 0 points
- 5. Tractor is equipped with air suspension = .5 points

Vocation Options

- 6 (Vehicle is used as a fuel hauler) = 1 point
- 7, 8, 9, 10, 11, 12, 13 (Not Applicable) = 0 points

Total [7 + 1 + 0.5 + 1 = 9.5 points]

Selection choices include: No Bendix air compressor available



A fuel delivery vehicle:

- Air suspension
- One (1) non-steerable lift axle
- Seven (7) axles total

Experience Counts. Count on Bendix.

You know that air is essential to the braking system, so why would you trust your vehicle to anyone other than the air treatment experts at Bendix? Bendix compressors offer you industry-leading performance, less maintenance and lower overall total cost of ownership. That's why more fleets specify Bendix hard-working air treatment components than any other.

Best Overall Value on the Market... Period.

Bendix compressors deliver more air at lower discharge temperatures, and—thanks to their optimized design—pass less oil on to downstream components. Less oil means less contamination, and less contamination extends the life of not just the compressor, but the entire air charging system. When you ride with a state-of-the-art Bendix compressor, rest assured knowing you're backed by award winning customer service, superior technical field sales and support, plus the best warranty in the business.

Bendix Compressors.

Reliable

•

Long-Lasting

•

High-Performing

•

Energy-Saving

•

Genuine Bendix® Quality

Focused Expertise for the Future.

The future gets closer every day. That's why, at Bendix, we're hard at work researching and testing the next generation of air charging system components. With decades of proven expertise applied around the globe, Bendix will continue to ensure that every new design not only meets, but exceeds expectations. Superior performance with peace of mind, that's the genuine Bendix difference.

Log-on and Learn from the Best

On-line training that's available when you are—24/7/365.

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Bendix compressors provide the power that keeps you on the road and the value that keeps you coming back.

To find out more, talk to your Bendix account manager, call us at 1-800-AIR-BRAKE (1-800-247-2725) or visit us on the web at www.bendix.com.

