

THE BENDIX CORE PROGRAM HANDBOOK - ALL PROGRAMS



Bendix Commercial Vehicle Systems LLC is the leading manufacturer of original equipment air charging and control systems, active vehicle safety systems, and a full range of wheel-end solutions and components. In addition, Bendix offers a wide range of exchange assemblies.

Genuine Bendix® brand exchange air and hydraulic brake parts are the same high technology, high quality and superior performance parts supplied in their original equipment lines. These parts are made available to retail outlets through the service organizations of the original equipment manufacturers (OES) and through the network of Bendix-authorized independent aftermarket distribution channel partners (IAM).

Disclaimer

Bendix Commercial Vehicle Systems LLC reserves the right to revise, supplement, or change the policies and procedures or other information contained in this Core handbook at any time. Bendix customers (“you”/“your”) Core Program responsibilities are shown in this document.

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Key Changes And Updates In This Revision of The Core Handbook

Previously there were separate handbooks for the “Upfront” and “Delayed” Core Programs; this revision covers *both* programs. This handbook revision (BW1020ALL) replaces all previous revisions (BW1020 and BW1020A).

Key Changes

The following Core Families have been added or expanded:

- Genuine Bendix® Compressors
- Electronics
- All Makes™ by Bendix CVS Compressors
- Air Disc Brakes

Also, brake shoe types 4709E and 4709E2 are now combined into a single Core Group “2X”. (*4709E was formerly in Core Group 2R.*)

These Core Groups have been removed from the Core system and this handbook:

- Group 2, Classes 7 & 28 – Fan clutches
- Group 4, Class 65 (only) – Bendix® AD-4™ cartridges
- Group 6, Class 67 (only) – Bendix AD-4 end covers
- Group 7, Class 54 – Bendix® ASA-5® Automatic Slack Adjusters
- Group 9, Class 11 (only) – Bendix AD-4 air dryers
- Group 11, Class 24 – Minimaster cylinder
- Group 27, Class 18 (only) – Bendix® DS-1™ double stop light switch valve
- Group 71, Class 3A – Bx brake dual circuit
- Group 72, Class 3D – Bx brake dual circuit

New sections have been added to show how to grade electronics and air disc brakes. (*See pages 24-27 for more details.*)

We have changed the guidelines for packaging and shipping:

- Electronic Cores are to be returned in their original boxes – using suitable materials (bubble-wrap, etc...) – to prevent damage. Electronic Cores may be carefully included as part of a pallet with other Cores, but need to be together in a separate container from the other Cores. Electronic Cores are the only type of Cores that need to be individually packaged.
- Hydraulic calipers **must no longer be returned in boxes.**
- Visit bendixcorefreight.com for shipping instructions, or call our logistics company, toll-free at 877-681-1949. Representatives are available 24/7 to assist you and answer your shipping questions.

Glossary

Some Important Terms Used In This Handbook

<i>All Makes™ by Bendix CVS</i>	Compressor products originally manufactured by other suppliers.
<i>Banked Core</i>	The customer has returned more Cores than they have purchased within a certain Core Group. This results in a bank of Cores that can be applied to future purchases.
<i>Core</i>	Used component/product.
<i>Core Eligibility</i>	When a customer owes Bendix a Core within a certain Core Group.
<i>Core Class</i>	A group of similar products with the same Core value.
<i>Core Family</i>	Core Groups within the same product line. (See page 13.)
<i>Core Group</i>	A group of products used for tracking purposes/interchanges. The group may contain products with various or differing Core values.
<i>Core Return</i>	There are four forms used to document Core returns: <ol style="list-style-type: none"> 1. Air and Electronics; 2. Hydraulics; 3. Brake Shoes; and 4. All Makes™/Truck Products™ by Bendix CVS. (See Pages 33-36.)
<i>Core Return Acknowledgement</i>	The report detailing the Cores received by Bendix and the Core condition as processed at the Bendix Core facility.
<i>Core Report</i>	A monthly Core account statement. (See pages 37-38 for examples.)
<i>Truck Products™ by Bendix CVS</i>	Non-compressor products originally manufactured by other suppliers.

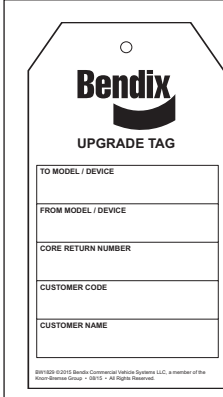
Core Program Tools

There are some valuable tools to assist you in the identification, evaluation, and proper packaging of Cores:

- **BW1020ALL** This Bendix® Core Return Handbook - All Programs
- **BW1829** Upgrade Tag (shown right)
- **BW2218** Coreless Form

Wall Charts

- **BW1299** Air Products
- **BW1659** Reman Hydraulic Core Classes
- **BW7547** ID Tool: Brake Shoe Cores Accepted by Bendix



The image shows a Bendix Upgrade Tag form. It features the Bendix logo at the top, followed by the text "UPGRADE TAG". Below this, there are five horizontal input fields labeled: "TO MODEL / DEVICE", "FROM MODEL / DEVICE", "CORE RETURN NUMBER", "CUSTOMER CODE", and "CUSTOMER NAME". At the bottom, there is a small copyright notice: "©2012-2015 Bendix Commercial Vehicle Systems LLC, a member of the Knorr-Bremse Group • 0815 • All Rights Reserved."

How to Order Program Tools

Visit the Bendix Marketing Center on bendix.com. Select the Literature Center and choose "Register" if you do not already have an account. Once you have completed your registration, please call 1-800-AIR-BRAKE (1-800-247-2725, option 5), to request an expedited upgrade to a customer account category. This upgrade ensures you will be able to view and order the above items. (Note: If you do not call Bendix for an expedited upgrade, the system-generated account upgrade may take up to five (5) business days to complete.) Telephone representatives are available to assist you Monday-Friday, 8 a.m. - 5 p.m. ET.

Core Exchange Program Overview

GENERAL

The purchase of Bendix exchange products is based on the arrangement that for each product purchased, a used component (or "Core") is to be returned to Bendix. The Core returned must be within the same "Core Group", with only the few exceptions explained in this section.

The Two Programs

Bendix has two (2) Core programs: "Upfront" and "Delayed."

	Upfront Program	Delayed Program
Am I billed the cost of the Core at time of purchase?	Yes – there is a twelve-month window to return the Core	No – there is a six-month window to return the Core
Am I billed the exchange cost for the product (excluding the Core) at the time of the order?	Yes – both programs	
Where do I track Core account status and view monthly statements?	On-line at bendix.biz	
Program Examples:	Any products purchased during June will have a Core due back to Bendix by the June cut-off date* the following year	Any products purchased during June will have a Core due back to Bendix by the December cut-off date* the same year
How do the programs credit my Core account?	Upon return, the Core is credited to your Core account and an Accounts Receivable Credit is issued, based on eligibility	Upon return, the Core is credited to your Core account
What happens if I do not return a Core within the Core window?	You lose the right to return the Core for credit	You are billed for Cores not returned within the window
	Once the Core eligibility has expired, it will not be added back	The Core debit is not reversible Payment of the Core debit is subject to the same terms of payment as any other invoice
What if I return a Core where there is no eligibility?	Banked Cores can be used against future purchases within the banked Core Group	
	Banked Cores will expire after two years	
What are the rules that cover shipping, Core handling, and grading?	The same for both programs - see the relevant sections in this document	

* Cut-off dates: Core shipments must be picked up *by the Bendix-preferred carrier* on or before the 15th of the month to be processed and included in that month's Core Report. Core returns shipped after the 15th of the month will be included in the following month's Core Report. If the 15th falls on a weekend or holiday, the Core must be shipped on the next working day to be included in the current month's report.

Program Overview

Reman Purchases

When an exchange order is shipped from the plant, the Core allowance for each product will be debited to your Core account.

Core Groups

For easy identification and processing, all exchange products are categorized by specific Core Groups.

See the small, double-sided chart inserted into this handbook, or order any of the full-size wallcharts listed here:

- *Air and Electronic (BW1299)*
- *Hydraulic (BW1659), and*
- *ID Tool: Brake Shoe Cores Accepted by Bendix (BW7547)*

In the event Core Groups are changed by Bendix, you will be notified.

Cores may only be returned for credit within their own Core Group. For example, a Bendix® AD-9® air dryer cartridge – a Core Group 4 product – can only be applied against other products in Core Group 4. It cannot be applied against, for example, a Bendix® AD-2® end cover (a component within Core Group 6.)

Core Returns

As products in the Core program are purchased, you must return the Cores to Bendix within the applicable Core window. When received and processed, the Core allowance credit for each product will be applied to your Core account – against the oldest outstanding Core debit in that Core Group.

Your Core account has no independent value other than as a potential credit against a future product purchase from Bendix. At no time, and under no circumstances, shall Bendix be required to issue any cash payment to you with respect to a Core account. This includes circumstances such as the termination of the Bendix Core program – or termination of your business relationship with Bendix – no matter if you have a positive or negative Core account balance. A Core account is not a security deposit, nor other type of customer asset. Bendix reserves the right, at all times, to offset your Core Bank value against any accounts receivable for your business.

Forms to Use When Returning Cores

Exchange Cores must be returned with the appropriate form:

Core Return (CR) form	
Air & Electronic Products	BW693
Hydraulics Products	BW693H
All Makes™ and Truck Products™ by Bendix CVS	BW1744
Brake Shoes	BW2313

You must complete the pre-numbered Core Return form and place one copy inside – and one on the outside – of the shipment packaging. Packing slips should be securely attached to the exterior of your shipment with the name, address & your customer number visible on the outside of the box(es)/pallet(s).

To complete the Core Return form it is necessary to be familiar with the Core grading criteria (see *pages 15-26 of this Handbook for definitions of missing and damaged parts*). Be sure to show the number of products returned for each Core Group and – by using the columns on the form – separate the totals by the condition (e.g. how many are one part damaged, two parts damaged, etc...).

The Core Return forms listed above can be ordered by the “BW” Part Number(s) referenced above, by going to the Literature Center section of the Marketing Center at bendix.com. Additional copies of this *Core Handbook* can be ordered as Part Number BW1020ALL.

Upon receipt, Bendix will count and inspect the Cores for missing and/or damaged parts. (See *pages 15-26*).

Bendix will send a Core Return Acknowledgement to the email address on file, stating the quantity and dollar amount credited for the Cores processed. **The determination made by Bendix in its sole discretion regarding the condition of all Core returns IS FINAL.**

On-line Monthly Reports

It is necessary to register at bendix.biz to receive a login and password for access to your Core Reports.

Using your bendix.biz login and password, you can view your monthly invoices, returns and Core allowance records. Bendix also publishes a monthly online Core Report. The report shows the account status, activity and the amount of time remaining to return Cores in each Core Group.

Shipment Dates

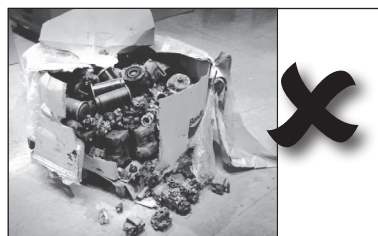
Cut-off dates: Core shipments must be picked up by the Bendix-preferred carrier on or before the 15th of the month to be processed and included in that month's Core Report. Core returns shipped after the 15th of the month will be included in the following month's Core Report. If the 15th falls on a weekend or holiday, the Core must be shipped on the next working day to be included in the current month's report.

Shipping and Packaging

Carefully pack all Cores with adequate protection to avoid damage in transit.



Good packaging helps maintain the Core's value.



Inadequate packaging can cause you significant financial losses.

Brake Shoes	Brake shoes must not be returned in boxes of any kind. Treat them as individual shoes (not pairs, or kits). Because they will be processed at different location(s) from the other items, pack them separately from other Cores and items being returned for warranty.	Brake Shoes must not be boxed!
Electronic Components	Only Electronic Cores are to be returned in their original boxes – using suitable packing materials (bubble-wrap, etc...) – to prevent damage. Electronic Cores – in a separate container from other Cores – may be carefully included as part of a pallet with other Cores.	Package individually
Hydraulic Brake Calipers	This product must not be returned in boxes.	Must not be individually boxed!
All Other Cores	Group together, if possible, with other Cores in the same Core Group, but do not use individual boxes.	Package grouped with other similar Cores

Warranty Claims	Core Freight Policy
Warranty claims can be shipped with Core returns. They must be packaged separately and clearly marked "WARRANTY MATERIAL" when returned with cores. Failure to clearly identify warranty material will result in core credit only and NO warranty credit.	Core returns must be sent using the Bendix third party logistics process, using a Bendix bill of lading. Go to www.bendixcorefreight.com or call 1-877-681-1949, representatives are available 24/7 to assist. Bendix pays the freight for one core shipment per month that is over 500 lbs. for non-brake shoe cores, or 100 brake shoes contingent on the use of our core freight process. Shipments less than 500 lbs. of non-brake shoe cores, or 100 brake shoes must be shipped prepaid. Brake shoe customers that wish to make more than one return per month must ship a minimum of 500 brake shoes per shipment. Pallets should be kept under 2,000 lbs., and less than 48" tall. If there are discrepancies on the weight, or if the wrong carrier or destinations are used, Bendix reserves the right to bill the excess freight charges back to the customer.
Tag and pack warranty items separately from Core returns	Go to bendixcorefreight.com

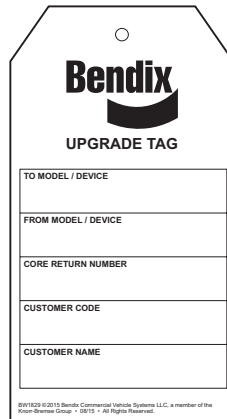
Core Window Extension

New store or branch locations are eligible for an additional 90-day Core window on their initial stocking order. Contact your Bendix Account Manager to request this additional window for your order.

Core Upgrades

Bendix will allow upgrades on select models within the Bendix® product line. In certain cases Bendix will allow select non-Bendix Cores to be returned to offset Bendix Core obligations.

In order to ensure that you receive credit for Core upgrades, individually tag items using the orange upgrade tag, BW1829. Upgrade credit will only be given for upgrade material received with a completed, legible tag.



The image shows a Bendix Upgrade Tag form. It is a white tag with a black border and a hole punch at the top. The Bendix logo is at the top, followed by the text "UPGRADE TAG". Below this are five horizontal lines for text entry, labeled "TO MODEL / DEVICE", "FROM MODEL / DEVICE", "CORE RETURN NUMBER", "CUSTOMER CODE", and "CUSTOMER NAME". At the bottom, there is a small line of text: "BW1829 ©2015 Bendix Commercial Vehicle Systems LLC, a member of the Knorr-Bremse Group • D615 • All Rights Reserved."

**Order tags from the Bendix Marketing Center on bendix.com.
See Page 6 for ordering instructions.**

This program is intended for valid upgrades and is subject to audit by Bendix at any time. Upgrades are limited to 10% of the previous year's net Reman unit purchases of the upgraded product.

Disclaimer: Bendix has the sole right to determine what Cores are acceptable as upgrades.

Acceptable upgrades of non-Bendix Cores are identified in the pictorial examples under the section titled "Upgrade" Program, (see pages 27-32), and also on Core Return form BW693. Only these Cores will be accepted for an upgrade Core credit.

For those found in violation of the rules defining this program, or who exceed their 10% maximum upgrade – or non-Bendix Core return limit on any particular product – Bendix reserves the right to:

- Return the Cores, freight collect; or
- Give a reduced value for the Cores in violation of the program, as solely determined by Bendix.

Excess Inventory

If your business has excess Core inventory/materials not currently in the Core program, contact your Bendix Account Manager to inquire if Bendix is seeking Cores for purchase.

You may also email cores@bendix.com with the part numbers, quantities, and your contact information.

Exchange Buy-Back Program

Bendix will allow Reman buy-back Core credits that create, or add to, an excess Core Bank to be moved to other more active groups – within like Core families at full Core value – immediately upon request. This gives you the opportunity to reduce excess Core Bank credits on products/products that you may no longer be selling/purchasing.

The rules for Core Group transfers – such as the 1% net Reman purchase restriction, and the minimum one-year excess rule – will not apply to these Reman buy-back credits; however, rules covering abandonment will be in effect.

The products must be in saleable condition – and the restriction of an equal, offsetting order along with a 15% penalty on the product credit – still applies. There will not be a penalty on the Core credit.

The Core Report will indicate which credits are the result of Reman buy-backs.

To initiate a transfer request, please contact the Core Department by email (cores@bendix.com) or call 440-329-9298, Monday-Friday from 8 a.m. to 5 p.m.

Obsolescence

Bendix offers several alternatives to settle Core Banks for obsolete products and Core Groups. When a product becomes obsolete – and the Group the product was in remains active – the values associated with the product remain within the Group and are not transferable. If the product and the Group become obsolete, the value of the group bank may be transferred to any other like active Group.

Accounts operating under the Bendix Upfront program will have twelve (12) months from the date of obsolescence to settle outstanding Core obligations. You may return the obsolete Cores or any other active product within the group, to settle this obligation. In the event an obsolescence Core balance becomes due and there has been no return in the Core window, Bendix will retire the Core, and you will lose the right to return a Core for credit.

Rule of Abandonment

Core Banks that have aged a total of two (2) years with no activity will be considered abandoned. These transactions will expire and are eliminated from the Core reporting system, and no credits shall be due and owing to you thereafter.

Transfer of Ownership

Core accounts can be transferred **ONLY** when ownership of an active business entity, set up as a Bendix customer, transfers ownership. Core ownership between different OES affiliations are **NOT** eligible for transfers. The previous ownership must be in good account standing with Bendix.

Termination

If, for any reason, a program termination occurs between Bendix and you, Bendix offers the following options:

- a. If your account has a positive balance, (*e.g. more Cores have been purchased than returned*), you are permitted to return Cores within the Core Group to meet the Core requirement. In the event that the Core becomes due – and there has been no return – the opportunity to return the Core will expire. In this case, if you are a participant in the Delayed Program, you will be debited; If you are a participant in the Upfront Program, you will lose your opportunity to return a Core for credit.
- b. If your account shows that you have banked Cores (*more Cores have been returned than purchased*), Bendix, at its sole discretion, will either:
 - Accept your order for exchange product up to the dollar amount of the remaining Core allowance; or
 - Issue a credit based on the market value of the excess Cores (*as determined by Bendix at its sole discretion*) – up to, but not exceeding the outstanding accounts receivable balance. No payment or refund will be made for excess Core amounts. Credits against accounts receivable will first apply to the oldest open invoices within a Core Group.

The above options must be exercised within 60 days of receipt of the cancellation notice being presented to Bendix – or the Cores become the property of Bendix.

Core Group Transfers

At Bendix's sole discretion, excess Core Bank amounts may be transferred to other Core Groups.

The following conditions must be met for the transfers to be made:

- a. Balances to be transferred must have been in the Core Bank for at least one (1) year; *and*
- b. The annual cumulative transfer amount may not exceed one percent (1%) of your previous year's net exchange product purchases. (For example, if you purchased \$100,000 in net exchange Bendix® products, the amount that can be transferred is \$1,000); *and*
- c. The transfer must be within a Core Family (e.g. from one compressor Core Group to another compressor Core Group) – *see below*; *and*
- d. Balances cannot be transferred between All Makes™ Products and other genuine Bendix® groups. All Makes by Bendix CVS and Truck Products™ can only be transferred to other All Makes Products Core Groups. Balances on Bendix Standard Air and Hydraulics Core Groups can only be transferred to like Core Groups within Standard Air and Hydraulics Core Groups.

Credit or return transactions are available to offset future purchases. However, in the event the transaction is not offset by a purchase – or transferred to another group – ***within 24 months of the original transaction date***, the transaction is considered abandoned. These transactions will be removed from the Core Reporting System.

Transfers or offset purchases will be applied to transactions with the earliest expiration date. That means if you have a transaction that is set to expire in 24 months, plus another transaction that is set to expire in eight (8) months, any transfers or appropriate offset purchases will be applied first to the transaction set to expire in eight (8) months.

To initiate a transfer request, please contact the Core Department by email (cores@bendix.com) or call 440-329-9298. Representatives are available to assist you from Monday to Friday, 8 a.m. to 5 p.m. ET.

Core Families Eligible For Transfers*(See the previous page for more information.)*

Compressor Groups:	01, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, 1P, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 12, 13 and 14
Valve Groups:	03, 16, 17, 25, 27, 28, 31, 32, 33, 34, 35, 36, 37, 70, and 73
Air Dryer Groups:	04, 06, 09, 9A, 9B, 9C, 9D and 26
Hydraulic Caliper Groups:	3A, 3B, 3C, 3D, 3E, 3J, 3K, 3L, 3M, 3N, 3P, 3Q, 3R, 3S, 3T, 3U, 3V, 3W, 3X, 6E, 19, 20, 21, 22, 23, 24, 52, 53, 54, 55, 56, 57, 58, 62, 63, 64, 65, 66, 67 and 69
Hydrovac Booster Groups:	40, 41, 42, 43, 44, 45, 46 and 47
Brake Shoes:	2P, 2Q, 2R, 2S, 2T, 2W and 2X
Electronics:	SA, SC, SD, SE, SF, SG, SH, SK, SM, SN, SV, SW and SX
All Makes™ by Bendix CVS Products:	One compressor group to another compressor group
Truck Products™ by Bendix CVS Products:	One valve group to another valve group

Core Families NOT Eligible For Transfers

05 (Governors), 10 (Hydromax Booster), 38 (Bendix® SR-5™ Trailer Spring Brake Valve Upgrade kit), and 90 (Bendix® ADB22X™ Air Disc Brakes).

NOTES

[illegible]

Grading Criteria

The exchange value of the returned Core will be determined by the physical condition of the Core at the time of processing.

Some general guidelines:

- a. Grade your Cores and note the grade of each on the Core Return form(s). Upon receipt at our inspection facility, Bendix will also review the condition of the Cores. **Bendix reserves the right, at its sole discretion, to reject Cores that do not meet its Core grading criteria; the results of the Bendix review will be final.** No material will be held in inventory for further review. *Note: Improperly packaged Core returns may result in damaged or missing Cores, and/or delayed processing.*
- b. Upgrade Cores returned are subject to the applicable Core allowance.
- c. Bendix does not accept disassembled Cores.
- d. Evidence of tampering or modification will result in an automatic scrap assessment.
- e. Remove all fittings, hoses, etc. If present, they may be assessed “one part damage” by Bendix at its sole discretion.
- f. Some surface rust is permissible, but if the visual inspection finds that the condition is poor, damage will be assessed by Bendix as a “one part damage” or more, at its sole discretion.
- g. Cores removed by being cut (or “torched”) may not be accepted for Core value.
- h. All assembly parts made of plastic are replaced during remanufacturing and not considered as damage for Core grading purposes.
- i. You may use a wire brush when needed, in order to verify if a genuine Bendix® brand indicator is present.

For more detailed descriptions of the Core grading criteria, see the following pages:

Compressors	16-17
Valves	18-19
Air Dryers	20-21
Brake Shoes22
Hydraulic Calipers23
Electronics	24-25
Air Disc Brakes26

Core Grading Guidelines for Compressors

Rating	GOOD	Damage?			Knock-off? Not in All Makes™ List?
		One Part	Two Parts	Three, or more, parts	
Action	Return	Return	Return	SCRAP	SCRAP

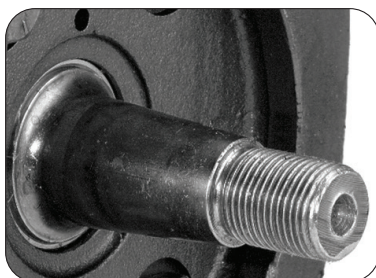
Examples of One Part Damage



(Bendix® Tu-Flo® 550 Compressor with DDC®-style Flange-Mount shown)

Crankshaft:

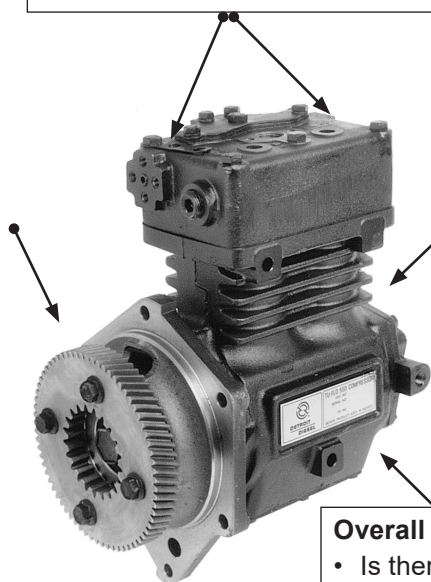
- Is there damage to the threaded end of the crankshaft? (The end must not be “mushroomed”, but the first three threads do not need to be in perfect condition.)



- Is there evidence of over-torque or evidence of a sheared end of the crankshaft?
- Are the spline(s) damaged?
- Is the compressor crankshaft not capable of making 360 degree rotation?

Head:

- Does the head show evidence of damage or high heat?
- Is the governor mounting pad broken?
- Are there broken bolts?
- Are any of the port threads damaged? (The first three threads do not have to be in perfect condition.)

**Crankcase:**

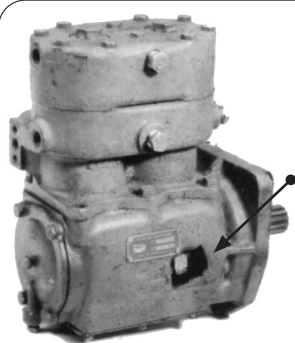
- Are there broken cooling fins?
- Is the mounting flange damaged?
- Is the crankcase damaged or repaired?

Overall inspection:

- Is there excessive damage, wear, rust, or corrosion?
- Check that all hoses and fixtures have been removed.

- Have the mounting holes been modified?

Add Up the Total Damage Found



A crankcase with a hole counts as two parts damaged

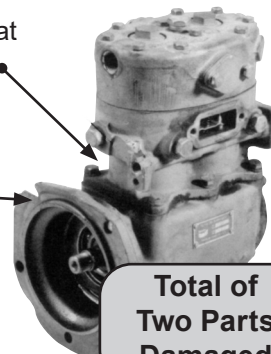


Bendix® Tu-Flo® 700 Compressor shown

Cylinder block damaged at governor mounting pad

PLUS

Crankcase damaged at mounting flange



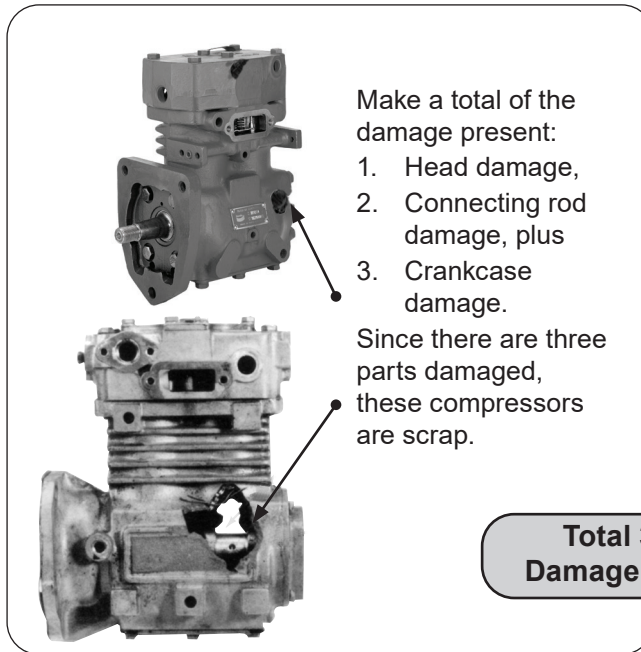
Total of Two Parts Damaged

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Examples of Automatic Scrap

Any of the following count as scrap:

- Co-mingled parts (cylinder head & crankcase base are from different compressor models)
- Non-genuine Bendix® brand compressors; obsolete or a compressor that is from other suppliers that is not on the accepted All Makes™ list
- If more than two parts are damaged or missing: e.g. a hole in crankcase counts as two parts damage **AND** a damaged head, make a total of three parts damaged



Bendix® Tu-Flo® 501 Compressor with CAT®-style Flange Mount shown

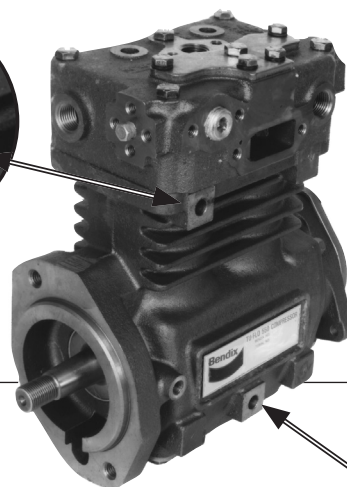
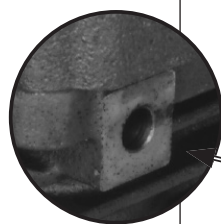
**Total 3 Parts
Damage = SCRAP**



Bendix® Tu-Flo® 750 Compressor with DDC®-style Flange Mount shown

Example of Genuine Bendix® Brand

What to Look for

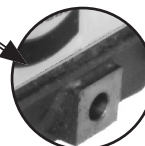


On the label side of single-block compressors, there should be two (2) "datum holes". The location varies by compressor type.

Absence of datum holes indicates a non-genuine Bendix compressor.



Bendix® Tu-Flo® 550 Compressor with CAT®-style Flange Mount shown



► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Core Grading Guidelines for Valves				
Rating	GOOD	Damage?		Knock-off? Not in All Makes List?
		One Part	Two, or more, parts	
Action	Return	Return	SCRAP	SCRAP

Examples of One Part Damage

Is the thread damaged at any of the connecting ports?

Is the body or cover broken?

Are there broken bolts (flush or below body)?

Exception: All plastic components are replaced during the Reman process and are not considered for Core grading.

Are there cracked ports?

Are there broken or damaged flange mounts?

Are there missing internal components (e.g. piston), or external components (e.g. end covers, exhaust covers)?

Inspect for any external damage, wear, rust, or corrosion.

Bendix® QR-1® Quick Release Valve shown

Bendix® E-6® Brake Valve shown

CORE GROUP 17 CORE CLASS 43

CORE GROUP 31 CORE CLASS 31

Examples of Automatic Scrap

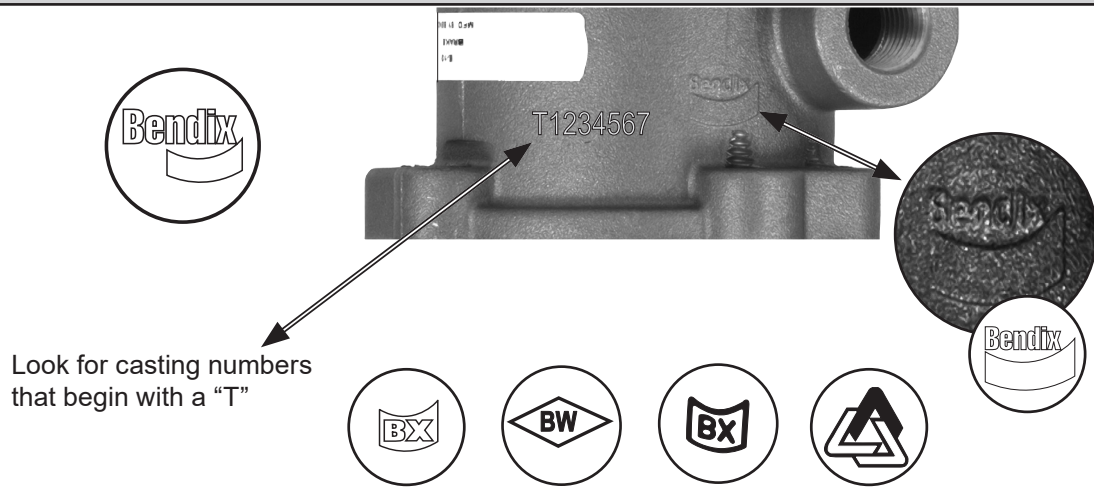
- Non-genuine Bendix® brand valves; obsolete valves; or valves from other suppliers not on the accepted Truck Products™ list; or
- If more than one part damaged or missing; or
- Excessive wear (e.g. rust, corrosion, etc.) that would prevent the part from being remanufactured



► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Example of Genuine Bendix® Brand Indicators

What to look for



For Bendix® PR-4™ valves, check for a snap ring at bottom exhaust.
Look for "PR-2" stamped on side of Bendix® PR-2™ valves.

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Core Grading Guidelines for Air Dryers

Rating	GOOD	Damage			Knock-off? Not in All Makes List?
		One part	Two parts	Three, or more, parts	
Action	Return	Return	Return	SCRAP/UPGRADE? See Page 32	
				In some cases you may be able to avoid loss of Core credit value due to scrap, see page 32 for upgrade options.	

Examples of One Part Damage

Exception:
Non-Genuine Bendix cartridge on a Bendix® AD-IS® air dryer will not incur one part damage

Is the purge valve missing, non-genuine Bendix, or damaged? See also next page for purge valves (separate)

Is the anti-rotation tab present on Bendix® AD-IP® air dryers?

Is there a non-Bendix governor on a Bendix AD-IS air dryer?

Are the threads damaged at any of the connecting ports?

Is the cartridge missing?

Is the canister dented or damaged?

Is there external damage?

Is there excessive rust/corrosion?

For Bendix® AD-2® air dryers: Is there excessive corrosion where the end cover meets the canister? (Final determination will be made by Bendix.)

A broken heater connector is acceptable

Does the end cover casting have cracks, damage, or show excessive corrosion?

Core Group 9C, Core Class 9C
Bendix® AD-IS® Air Dryer shown

Core Group 9, Core Class 29
Bendix® AD-9® Air Dryer shown

Core Group 9A, Core Class 79
Bendix® AD-IP® Air Dryer shown

Examples of Automatic Scrap

Any of the following count as scrap:

- Non-genuine Bendix® brand air dryers; obsolete or air dryers from other suppliers without an upgrade tag.
- Co-mingled parts – the end cover and the air dryer canister must be Bendix® brand (exception: Bendix AD-IS dryers).

Example of Genuine Bendix® Brand Indicators

What to look for



End covers must have the Bendix® brand logo.



Where applicable, look for the Bendix® PuraGuard® cover or cartridge medallion.

Also see the keeper ring example on the next page.

Grading Criteria: Air Dryer Purge Valves

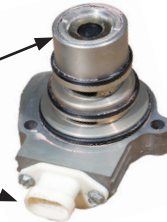
Core Handbook

Core Grading Guidelines for Air Dryer Purge Valves			
Rating	GOOD	Damage: One or more parts	Knock-off?
Action	Return	SCRAP	SCRAP

Examples of Scrap

Is the piston or other internal component(s) missing?

Exception: A broken heater connector is acceptable.



CORE GROUP
6
Bendix® AD-9® Air Dryer Purge Valve shown

CORE CLASS
68

Non-genuine Bendix® brand purge valves; obsolete valves are scrap.



Look for the Bendix® brand logo

Grading Criteria: Air Dryer Cartridges

Core Handbook

	Core Grading Guidelines for Air Dryer Cartridges			
Rating	GOOD	One part damaged?	Two, or more, parts damaged?	Knock-off?
Action	Return	Return	SCRAP/UPGRADE? See Page 32	
			In some cases you may be able to avoid loss of Core credit value due to scrap, see page 32 for upgrade options.	

Examples of One Part Damage

- Is the desiccant missing?
- Is there a missing end cover to the cartridge?
- Is the flange broken?

Inspect for any external damage, excessive rust, or corrosion.

CORE GROUP
9B
Bendix® AD-IP® Air Dryer Cartridge shown

CORE CLASS
96



Is the cartridge dented or has corrosion?

Bendix® AD-2® air dryer cartridges must have a minimum of three (3) threads left above the cover to receive good Core credit.

Are the threads stripped? For Bendix® AD-9® cartridges, is the bolt at the bottom loose?



Bendix AD-9 air dryer cartridge

CORE GROUP
4
Bendix AD-9 air dryer cartridge

CORE CLASS
66

Example of Genuine Bendix® Brand Indicators

What to look for

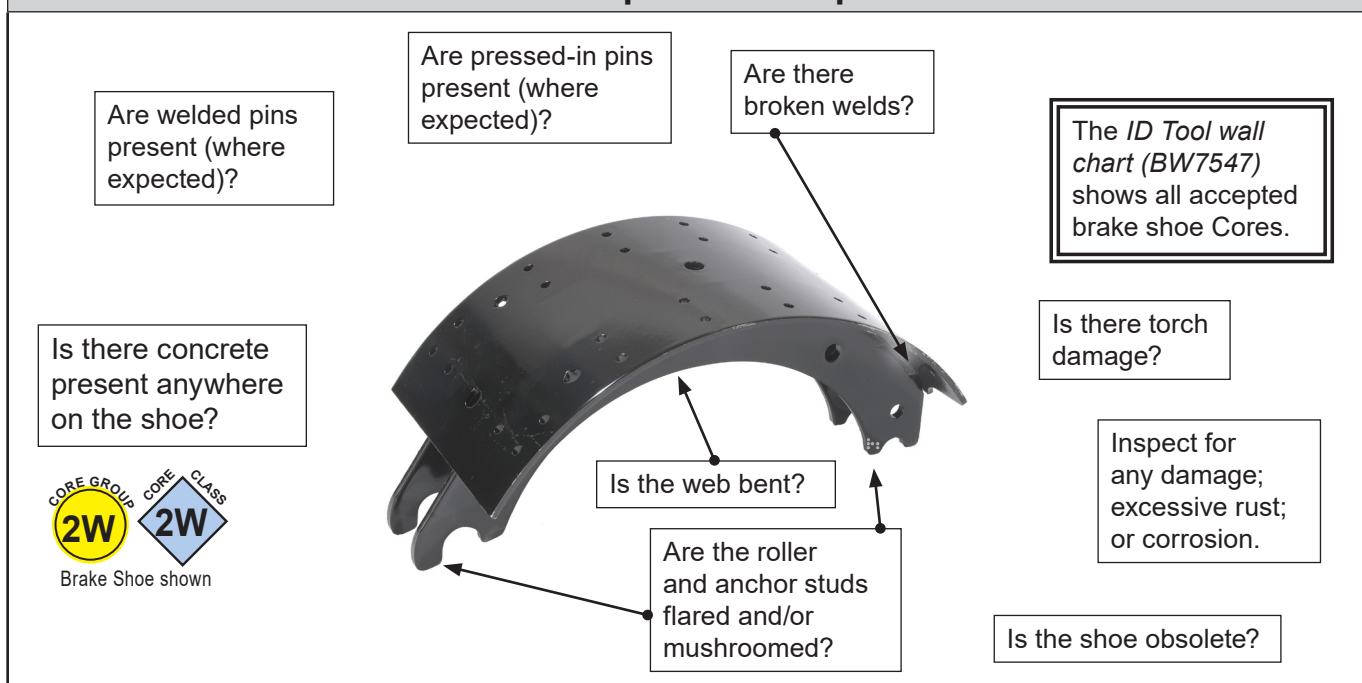
Bendix AD-9 air dryer cartridges have a bolt in the bottom, and the can has four (4) drain holes. All other configurations are not Bendix® brand.

Bendix® AD-9 and AD-IP® air dryer cartridges must have the "Genuine Bendix" inscription on the keeper ring.



Core Grading Guidelines for Brake Shoes		
Rating	GOOD	One, or more, parts are damaged?
Action	Return	SCRAP

Examples of Scrap



Brake Shoe Packaging and Shipping

For shipping instructions visit
bendixcorefreight.com

Do not return Brake Shoes in boxes of any kind.

Pallets

- The Bendix-recommended pallet size is 40" x 48".
- Do not ship oversized pallets, they often break in transit.
- Only use pallets in good condition made of dense hardwood that are able to safely support the weight of the shipment.

Corrugated Cardboard

- Pallets should have a layer of corrugated cardboard placed on the deck before the shoes are loaded.

Stacking the Shoes

- Do not return shoes in boxes of any kind.
- Do not stack more than one hundred (100) shoes per (40" x 48") pallet.
- Use at least two bands per side (length/width).

Cover the Shoes

- Pallets should have at least one layer of corrugated cardboard placed on the top of the pallet BEFORE the stretch film and banding is applied.
- Do not use plywood or pallets on top.

Stretch Film Wrap

- Attach one copy of the Core Return (CR) form under the stretch film, and a second copy on the outside.
- The stretch film must be secured to the pallet.
- Use at least eight turns of stretch film.

Banding

- After the stretch film, all pallets should have at least four bands to secure the product to the skid.

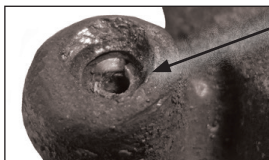
Shipper information

- Each piece of freight should be clearly marked with the shipper address, consignee address, and pro number. The second CR should be placed on the outside.

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Core Grading Guidelines for Hydraulic Brake Calipers				
Rating	GOOD	Are Pistons Missing?	Bleeder Screw Area	One – or more – other parts are damaged?
			Is the casting around the bleed screw broken/damaged?	
Action	Return	Return	SCRAP	SCRAP

Examples of Scrap (See bleeder screw exception)



Inspect the bleeder screw.

Are the threads in good condition?

Return

Are the threads damaged/stripped?

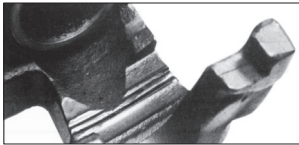
Return

Scrap if the casting around the bleed screw is broken/damaged

We replace all pistons, but if the piston bore is damaged, the caliper is scrap.

Scrap if the casting is damaged or cracked.

Scrap if there is excessive contact wear inside, caused by the rotor.



Inspect for any external damage.

Scrap if there is contact wear on the outside of the rim.



Bendix® Caliper shown

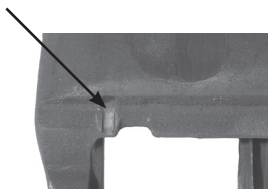
Damaged or cracked casting



Excessive rust



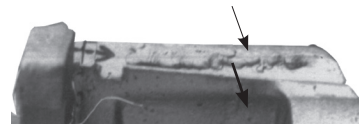
Excessive pad abutment wear



Excessive rim or rotor contact wear



Brazed (welded) rail



► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Core Grading Guidelines for Bendix® FLR20™ Forward Looking Radar

Rating	GOOD	Damaged?	Knock-off?
		One, or more, parts	
Action	Return	SCRAP	SCRAP

Examples of Scrap**Acceptable Conditions:**

- If the small mirror is cracked or missing
- If only minor surface scratches, gouges and scuffs are found
- If the bracket is still attached

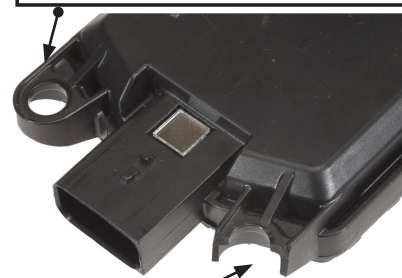
Examine the connector terminals (pins). See below



Bendix® FLR20 Radar Assembly shown

Acceptable Condition:

- If the lug is dented/wear damaged (but not broken)

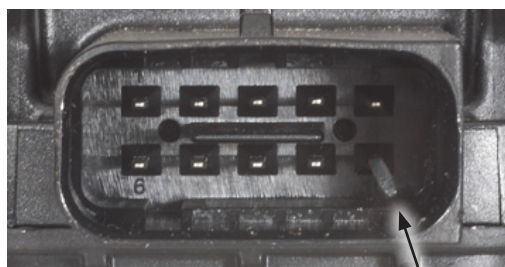
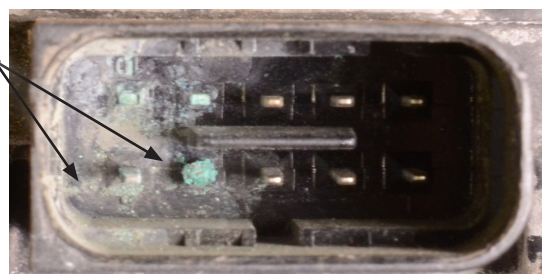


If any of the mounting tabs are broken or missing, count as scrap

Part has major physical damage, such as:

- Cracked-open housing (visually check that the housing seams around the sides are sealed)
- Broken, missing or separated mounting tab
- Connector damaged
- Connector terminals missing, damaged, bent or corroded
- More than one part is damaged

Corroded terminals and/or evidence of contamination in connector cavity



Bent terminal



Cracked/broken housings. Look for evidence of water intrusion, or a rattling noise when the unit is gently shaken

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Core Grading Guidelines for All Other Electronics

Rating	GOOD	Damaged?			Knock-off?
		One part	Two parts	Three, or more, parts	
Action	Return	Return	Return	SCRAP	SCRAP

Examples of One Part Damage

Only one of the lens cover tabs may be bent or missing



Bendix® FLR10™ Radar Assembly shown

Does a mounting tab have a sheared-off screw present or the threads stripped?

Is there a hairline crack/fracture to the mounting tab (with no material missing)?

Only one of the electrical connector lock-tab barbs may be damaged or broken

Exception:

- Minor surface scratches and scuffs are acceptable

Is there external damage, wear, rust or corrosion on external metal components. (Connector pins may not have any corrosion.)



Bendix® EC-80™ ATC ECU shown

Examples of Automatic Scrap

If the part has major physical damage, such as:

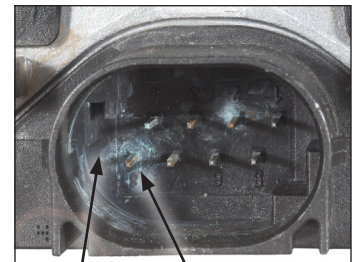
- A cracked lens
- A damaged connector (includes if any of the terminals are missing, damaged, bent or corroded)
- A mounting tab is not present (sheared off)
- If the total number of parts damaged is two or more



Cracked lens



Bendix® FLR10 Radar Assembly shown



Corroded Terminals

Look for evidence of contamination

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

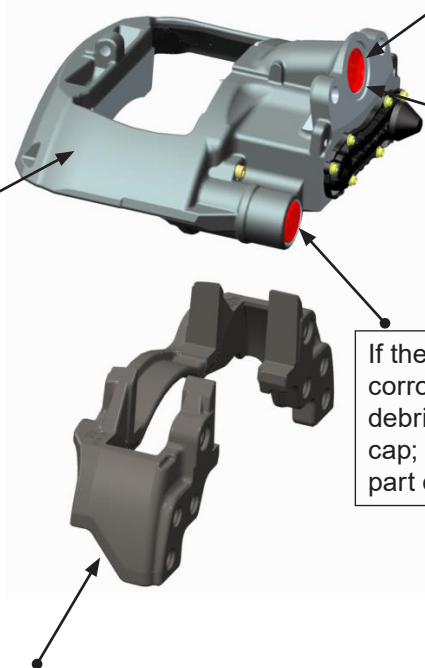
Core Grading Guidelines for Bendix® ADB22X™ Calipers/Carriers

Rating	GOOD	Damaged?			Non-Bendix?
		One part	Two parts	Three, or more, parts	
Action	Return	Return	Return	SCRAP	SCRAP

Examples of One Part Damage

CORE CLASS
Vertical Carrier J2
Axial DB Carrier J3
Axial SB Carrier J4

If the caliper has dents, dings, gouges or impact marks greater in diameter than a pencil eraser (approx. 6 mm) counts as one part damage.



With the pads removed, use a screwdriver to depress the lever. The lever should rotate freely. A broken, fractured, or seized lever counts as one part damage.

or

If the chamber counterbore sealing surface is pitted counts as one part damage.

If the caliper has corrosion, rust, debris, or a missing cap; count as one part damage.

A cracked, damaged, fractured or missing carrier counts as one part damage.

Chamber Counterbore Surface



OK



Not OK

Examples of Automatic Scrap

Any of the following count as scrap:

- Non-genuine Bendix® brand air disc brake.
- Any Core that has been welded, brazed, opened, reworked or modified, will be considered scrap.
- Cracked or fractured caliper.
- Obsolete or other parts not in the program.

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Core Grading Guidelines for Steering Gears				
Rating	GOOD	Damaged?		
		One part	Two parts	Three, or more, parts
Action	Return	Return	Return	SCRAP CREDIT

Examples of One Part Damage

Input/output
shaft damage.



Is there
corrosion?

2 or more
missing bolts.



Examples of Two Part Damage

- Output shaft doesn't rotate.
- Torch/welding damage.

Examples of Automatic Scrap Credit

Any of the following count as scrap:

- Cracked/damaged housing.
- Frame pads not intact.
- Missing input/output shafts.



Steering Gears Packaging and Shipping

Notes:

Remove pitman arm, mounting bolt/bracket, and couplings from gear before returning. If present, they may be assessed "one part damage" by Bendix at its sole discretion.

Packaging

All steering gears must be returned in the plastic bag and box that it originally came in. No more than 16 boxes per pallet with the part number label on the box facing outward.

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Non-Bendix To Bendix Upgrade


All Cores in this section will be accepted back at the full Core value of the applicable Bendix® product installed on the vehicle as a replacement.





For example, if under the program you return a Midland® EL13053X Core that has been replaced on a vehicle by a Bendix® Tu-Flo® 550 compressor (Bendix part number 107622, your Core Bank will be credited at the Bendix Tu-Flo 550 compressor Core value.

The maximum dollar amount permitted in any year for upgrades is 10% of your previous year's Reman purchases. Cores must be tagged with a completed orange upgrade tag (BW1829).


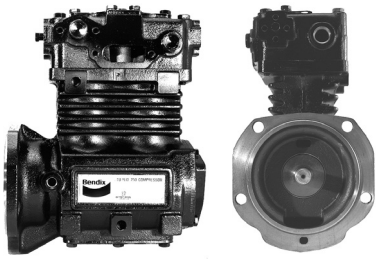

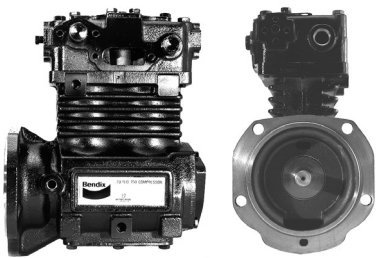
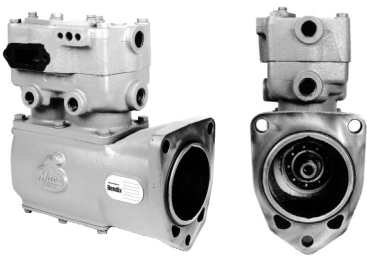

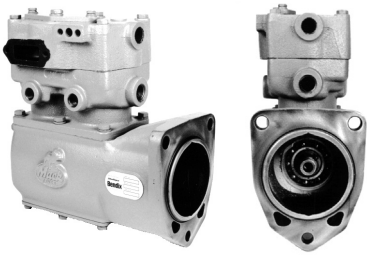

Only the Cores illustrated on the following pages will be accepted for the Upgrade Program. **Substitutions are not permitted.**

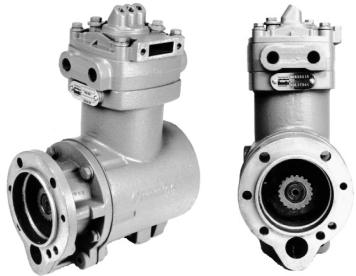
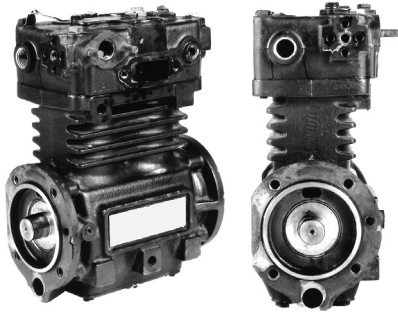
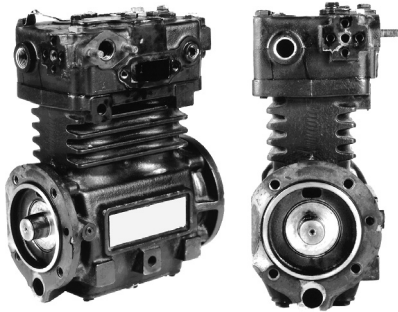
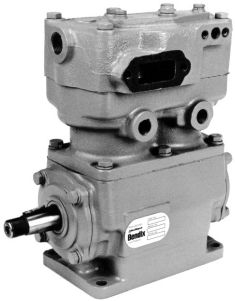
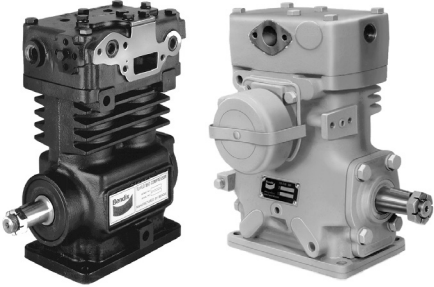


The Bendix upgrades are presented by product. Where applicable, all Original Equipment, Service New and/or Exchange part number versions of the featured non-Bendix Core will be accepted for upgrade credit. All upgrades must be in good condition with no visible damage and have an orange upgrade tag (BW1829).




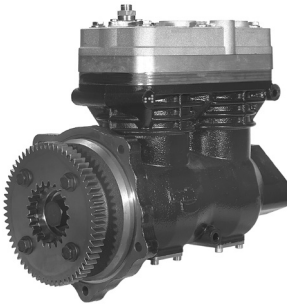


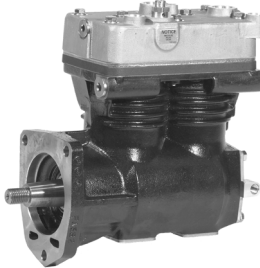
 UPGRADE TAG	
TO MODEL / DEVICE	
FROM MODEL / DEVICE	
CORE RETURN NUMBER	
CUSTOMER CODE	
CUSTOMER NAME	
<small>BW1829 ©2015 Bendix Commercial Vehicle Systems LLC, a member of the Kvoorn-Brannan Group • 08/15 • All Rights Reserved.</small>	
Tag BW1829	

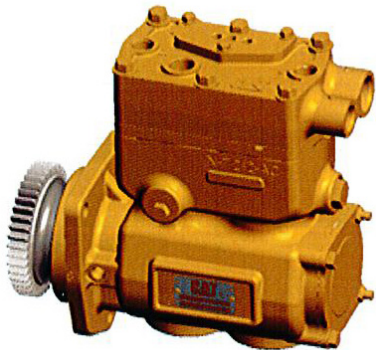



Upgrade Program	
From	To
RADAR	
 <div style="text-align: right;">  </div> <p>Bendix® Wingman® FLR10 Sensor</p>	 <div style="text-align: right;">  </div> <p>Bendix® Wingman® FLR20 Sensor</p>
<p>Any reference to Berg®, Chicago Rawhide® (CR), Cummins®, Detroit Diesel®, Haldex®, Holset®, Kelsey Hayes®, Mack®, Midland®, Navistar®, Rockwell®, Sealco®, Wabco®, Wagner®, or Yoosung® are solely for identification purposes.</p>	



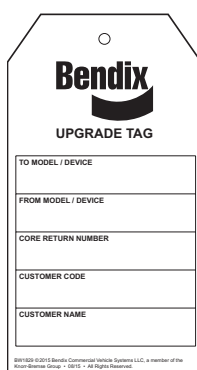









► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

Upgrade Program	
From	To
Compressors: Detroit Diesel® Series 60 Through-Drive	
 <p>EL1300 or EL1600</p>	 <p>Bendix® Tu-Flo® 550 Compressor</p>
 <p>EL1600 only Example: EL16053X</p>	 <p>Bendix® Tu-Flo® 750 Compressor Example: 107623</p>
Compressors: MACK® Inline 6 Cylinder	
 <p>EL1300 or EL1600 Example: EL13111X or EL16111X</p>	 <p>Bendix Tu-Flo 550 Compressor Example: 107511</p>
 <p>EL1600 only Example: EL16111X</p>	 <p>Bendix Tu-Flo 750 Compressor Example: 107510</p>
Any reference to Berg®, Chicago Rawhide® (CR), Cummins®, Detroit Diesel®, Haldex®, Holset®, Kelsey Hayes®, Mack®, Midland®, Navistar®, Rockwell®, Sealco®, Wabco®, Wagner®, or Yoosung® are solely for identification purposes.	

Upgrade Program	
From	To
Compressors: Cummins® Inline 6 Cylinder	
 <p>Holset Single Cylinder Example: 3049186X</p>	 <p>Bendix® Tu-Flo® 550 Compressor Example: 107506</p> <p>CORE GROUP 1B CORE CLASS 1B</p>
	 <p>Bendix® Tu-Flo® 750 Compressor Example: 107507</p> <p>CORE GROUP 1B CORE CLASS 2B</p>
Compressors: Base Mounted Compressor Upgrade	
 <p>EL1300 or EL1600 Example: EL13060</p> <p>CORE GROUP C1 CORE CLASS CA</p>	 <p>Bendix® Tu-Flo® 501 or Tu-Flo 550 Compressor</p> <p>CORE GROUP 12 CORE CLASS 59</p>
Compressors: Side-Mounted Compressors	
 <p>Yoosung 2 CYL. Example: 11-25242</p>	<p>This upgrade is only available when purchased through Navistar®</p>  <p>Bendix® BA-921® Compressor</p>
Any reference to Berg®, Chicago Rawhide® (CR), Cummins®, Detroit Diesel®, Haldex®, Holset®, Kelsey Hayes®, Mack®, Midland®, Navistar®, Rockwell®, Sealco®, Wabco®, Wagner®, or Yoosung® are solely for identification purposes.	

Upgrade Program	
From	To
Compressors: Detroit Diesel® Series 50 & 60	
<div></div> <div><div>CORE GROUP 1D</div><div>CORE CLASS 2D</div></div> <div>Bendix® Tu-Flo® 750 Compressor</div>	<div></div> <div><div>CORE GROUP 1L</div><div>CORE CLASS 1L</div></div> <div>Bendix® BA-922® Compressor</div>
<div></div> <div><div>CORE GROUP 14</div><div>CORE CLASS 97</div></div> <div>Bendix® DuraFlo 596™ Compressor</div>	<div></div> <div><div>CORE GROUP 1M</div><div>CORE CLASS 1M</div></div> <div>Bendix BA-922 Compressor</div>
Compressors: Caterpillar® C11, C13, C15, & C18 Series Compressors	
<div></div> <div><div>CORE GROUP 1A</div><div>CORE CLASS 2A</div></div> <div>Bendix Tu-Flo 750 Compressor</div>	<div></div> <div><div>CORE GROUP 1P</div><div>CORE CLASS 1P</div></div> <div>Bendix BA-922 Compressor</div>
<div></div> <div><div>CORE GROUP 14</div><div>CORE CLASS 97</div></div> <div>Bendix DuraFlo 596 Compressor</div>	
Any reference to Berg®, Chicago Rawhide® (CR), Cummins®, Detroit Diesel®, Haldex®, Holset®, Kelsey Hayes®, Mack®, Midland®, Navistar®, Rockwell®, Sealco®, Wabco®, Wagner®, or Yoosung® are solely for identification purposes.	

Upgrade Program	
From	To
Compressors: Caterpillar® CAT270 Compressors	
 <p>CAT® 270 Compressor Example: 10R5297</p>	 <p>Bendix® BA-922® Compressor Example: 5013059</p> <p>CORE GROUP 1P</p> <p>CORE CLASS 1P</p>
Governors: Standard	
 <p>Midland KN18530X</p> <p>CORE GROUP A8</p> <p>CORE CLASS AH</p>	 <p>Bendix® D-2® Governor</p> <p>CORE GROUP 5</p> <p>CORE CLASS 16</p>
<p>Any reference to Berg®, Chicago Rawhide® (CR), Cummins®, Detroit Diesel®, Haldex®, Holset®, Kelsey Hayes®, Mack®, Midland®, Navistar®, Rockwell®, Sealco®, Wabco®, Wagner®, or Yoosung® are solely for identification purposes.</p>	

Change from:		Change to:		and Receive:	Required Tag*
Non-Bendix Air Dryers	Any Non-Genuine (AD-9®- or AD-IP®-style) Air Dryers	 CORE GROUP 9 CORE CLASS 29	Genuine Bendix® Reman AD-9® or Bendix® Reman AD-IP®  CORE GROUP 9A CORE CLASS 79	Full Core credit	<div><p>Use BW1829</p></div>
Non-Bendix Cartridges	Any Non-Genuine (AD-9- or AD-IP-style) Cartridges	 CORE GROUP 04 CORE CLASS 66	Genuine Bendix® Reman AD-9® Bendix® Reman AD-IP®  CORE GROUP 9B CORE CLASS 96	Full Core credit	
Legacy Bendix Dryers	Bendix® AD-2® Air Dryer	 CORE GROUP 09 CORE CLASS 29		Full Core credit	
Bendix Dryers with Minor Damage or Co-Mingled Hardware	Bendix® AD-4™ Air Dryer				
	Bendix® AD-9 Air Dryer				
	Bendix® AD-IP Air Dryer	Genuine Bendix® Reman AD-9® or Bendix® Reman AD-IP®  CORE GROUP 9A CORE CLASS 79			
Bendix Dryers with Minor Damage or Co-Mingled Hardware	Bendix® AD-9 Air Dryer	 CORE GROUP 09 CORE CLASS 29	Genuine Bendix® Reman AD-9® or Bendix® Reman AD-IP®  CORE GROUP 9A CORE CLASS 79	Full Core credit	
	Bendix® AD-IP Air Dryer				
Bendix Dryers with Minor Damage or Co-Mingled Hardware	Bendix® AD-SP® Air Dryer	 CORE GROUP 09 CORE CLASS 29	Genuine Bendix® Reman AD-9® or Bendix® Reman AD-IP®  CORE GROUP 9A CORE CLASS 79	Full Core credit	
	Bendix® AD-IP Air Dryer				
(Spin on Cartridges)	Any Genuine AD-IS® Dryer with non-Bendix Cartridge	 CORE GROUP 9C CORE CLASS 9C		Full Core credit	Upgrade Tag Not Required
<div><div><div>•</div><div>Changeover Cores must be tagged “Upgrade” (<i>use orange upgrade tag BW1829</i>). Return with remanufactured exchange Cores. Air dryer Cores incorrectly tagged will not be eligible for credit.</div></div><div><div>•</div><div>Note: Only the dryers listed above are included in the upgrade offer.</div></div></div>					



CORE RETURN: Air and Electronics

Core Return No. _____

Returned Cores: B/L NO. _____

Carrier _____

Containers/Pallets _____ LBS. _____

DATE _____

Ship Freight Class 60. To schedule shipment,
go to www.bendixcorefreight.com
or call 877-681-1949

Under 500 lb. ship prepaid - Over 500 lb. ship collect

Description	Class	Weight in lbs	Good Core	1-part Damaged	2-part Damaged	Upgrade
GROUP 1: Bendix® Brand Compressors - Flange-Mounted						
1 BX-2150™	26	34.0				
Tu-Flo® 1400	06	92.0				
Tu-Flo 700	05	48.0				
Tu-Flo 501	14	43.0				

GROUP 1A: Caterpillar® Flange Compressor						
Tu-Flo 550 31.5" 2-Hole	1A	51.0				
Tu-Flo 550 5-Hole	1A	51.0				
Tu-Flo 550 3-Hole	1A	51.0				
Tu-Flo 750 31.5" 2-Hole	2A	58.0				
Tu-Flo 750 5-Hole	2A	58.0				
Tu-Flo 750 3-Hole	2A	58.0				

GROUP 1B: CUMMINS® Flange Compressor						
Tu-Flo 550 4-Hole	1B	51.0				
Tu-Flo 750 4-Hole	2B	58.0				

GROUP 1C: DDC Flange Compressor						
Tu-Flo 550 4-Hole TD	1C	51.0				
Tu-Flo 550 4-Hole TD	1C	51.0				
Tu-Flo 550 3-Hole	1C	51.0				
Tu-Flo 750 4-Hole TD	2C	58.0				
Tu-Flo 750 4-Hole TD	2C	58.0				
Tu-Flo 750 3-Hole	2C	58.0				

GROUP 1D: DDC Adapterless						
Tu-Flo 550 6-Hole	1D	51.0				
Tu-Flo 750 6-Hole	2D	58.0				

GROUP 1E: Ford/CUMMINS® Flange Compressor						
Tu-Flo 550 2-Hole	1E	51.0				
Tu-Flo 750 2-Hole	2E	61.0				

GROUP 1F: Mack® Flange Compressor						
Tu-Flo 550 Extnd	1F	51.0				
Tu-Flo 750 Extnd	2F	58.0				
Tu-Flo 750 3-Hole	2F	58.0				

GROUP 1G: Navistar® Flange Compressor						
Tu-Flo 550 2-Hole	1G	51.0				
Tu-Flo 750 2-Hole	2G	58.0				

GROUP 1H: Volvo® Flange Compressor						
Tu-Flo 550 5-Hole	1H	51.0				
Tu-Flo 750 5-Hole	2H	58.0				

GROUP 1I: Bendix® Tu-Flo 550 Base Mount						
Tu-Flo 550	60	51.0				

GROUP 1J: Bendix® BA-921™ Compressor - CAT						
BA-921	2J	55.3				
BA-921 - CLSD	3J	55.3				

GROUP 1K: Bendix® BA-921 Compressor - CAT						
BA-921	2K	45.6				

GROUP 1L: Bendix® BA-922 Compressor - DDC Adapterless						
BA-922	1L	75.0				

GROUP 1M: Bendix® BA-922 Compressor - DDC						
BA-922	1M	75.0				

GROUP 1N: Bendix® BA-922 Compressor - CAT/DEERE						
BA-922	1N	64.0				

GROUP 1P: Bendix® BA-922 Compressor - CAT HD ACERT						
BA-922	1P	64.0				

GROUP 1S: Bendix® BA-921 Compressor - DDC EPA 2007						
BA-921	1S	40.0				

GROUP 1T: Bendix® BA-921 Compressor - DDC EPA 2010						
BA-921	1T	40.0				

GROUP 1U: Bendix® BA-922 Compressor - SAE B FLANGE						
BA-922	1U	64.0				

GROUP 1V: Bendix® BA-921 Compressor - NAVISTAR						
BA-921	1V	43.0				

GROUP 1W: Bendix® BA-922 Compressor - NAVISTAR						
BA-922	1W	64.0				

GROUP 1X: Bendix® BA-921 Compressor - NAVISTAR SIDE MOUNT						
BA-921	1X	38.0				

GROUP 1Y: Bendix® BA-921 Compressor - VOLVO						
BA-921	1Y	57.0				

Also Returning Warranty Claim(s)?

WARRANTY CLAIM NO.(s):

- Process your warranty claim on-line at bendix.biz and then attach the web-generated warranty return form to the canary copy of this document attached to the outside of the stretch-wrap on the pallet.
- Please clearly label the parts "Warranty Material" & pack them separately from the core returns.

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Description	Class	Weight in lbs	Good Core	1-part Damaged	2-part Damaged	Upgrade
GROUP 3: Brake Valves (Single Circuit)						
3 E-2"	41	1.3				
E-3"	41	1.4				
E-5"	41	2.5				

GROUP 4: Air Dryer Cartridges						
4 AD-9"	66	10.5				
AD-2"	13	8.8				

GROUP 5: Bendix® D-2" Governor						
5 D-2	16	1.1				

GROUP 6: A/D End Cover & Purge Valve Assembly						
6 AD-2 End Cover	17	1.8				
AD-9 Purge Assembly	68	1.0				

GROUP 7: Slack Adjusters						
7 ASA-5" Auto Slack	54	7.5				

GROUP 9: Air Dryers						
9 AD-9	29	23.5				

GROUP 9A: Air Dryers						
9A AD-IP*	79	24.0				

GROUP 9B: Air Dryer Cartridges						
9B AD-IP*	79	24.0				

GROUP 9C: Air Dryer Cartridges						
9C AD-IP*	79	24.0				

GROUP 9D: Bendix® AD-IP/SP® Purge Valve						
9D AD-IP/SP	9D	0.5				

GROUP 12: Compressors - Low Output - Cold-Start						
12 Tu-Flo 501	61	48.0				
Tu-Flo 500	62	34.0				

GROUP 13: Compressors - Low Output - Cold-Start - Engine-Lubed						
13 Tu-Flo 300	30	25.0				
Tu-Flo 400	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				
Tu-Flo 500	30	40.0				

GROUP 13: Compressors - Low Output - Cold-Start - Self-Lubed or Air-Cooled						
13 Tu-Flo 400	30	40.0				



CORE RETURN: Hydraulic Parts

Core Return No. _____

Returned Cores: B/L NO. _____

Carrier _____

Containers/Pallets _____ LBS. _____

DATE _____

Ship Freight Class 60. To schedule shipment,
go to www.bendixcorefreight.com
or call 877-681-1949

Under 500 lb. ship prepaid - Over 500 lb. ship collect

List number of units by core condition	Description	Class	Weight in lbs	Good Core
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GROUP 3A: Caliper				
3A	R55193/E14667056	Y3	9.5	
	R55194/E14667057	Y3	9.5	
	R55205/E14671010	Y3	9.3	

GROUP 3B: Caliper				
3B	R55118/E14672006/ E14672008	Y4	11.0	
	R55119/E14672007/ E14672009	Y4	11.0	
	R55248/E14670014	Y4	9.4	

GROUP 3C: Caliper				
3C	R55206/E14671011	Y5	10.0	
	R55249/E14671015	Y5	9.4	
	L55254M/E14670018/ E14670028	Y5	27.9	
	L55255M/E14670019	Y5	12.5	
	R55272/E14676046	Y5	6.5	
	R55273/E14676047	Y5	6.5	
	R55292	Y5	10.0	
	R55293	Y5	10.4	
	R55381/E14671018	Y5	10.5	
	R55382/E14671019	Y5	10.5	
	R55383/E14671006	Y5	9.8	
	R55384/E14671007	Y5	9.8	
	R55411/E14670024	Y5	11.0	
	R55412/E14670025	Y5	11.0	

GROUP 3D: Caliper				
3D	R55460/E14670028	Y6	11.4	
	R55461/E14670029	Y6	11.5	
	R55500/E14671022	Y6	11.0	
	R55501/E14671023	Y6	10.7	
	R55736/E14670032	Y6	11.9	
	R55737/E14670033	Y6	12.5	

GROUP 3E: Caliper				
3E	R55496/E14671024	Y7	12.0	
	R55497/E14671025	Y7	12.0	
	R55604/E14670020	Y7	17.0	
	R55605/E14670021	Y7	17.5	
	R55636/E14670030	Y7	16.0	
	R55637/E14670031	Y7	15.5	
	R55687/E14671026	Y7	14.2	
	R55688/E14671027	Y7	14.2	

GROUP 3J: Caliper				
3J	R55756/E14666528	Z2	7.6	
	R55757/E14666529	Z2	7.6	

GROUP 3K: Caliper				
3K	L55288M	K3	12.0	
	L55289M	K3	12.0	

GROUP 3L: Caliper				
3L	R55502/E14667094	L3	9.5	
	R55503/E14667095	L3	10.0	

GROUP 3M: Caliper				
3M	R55626/E14668064	M3	8.5	
	R55627/E14668065	M3	8.5	

GROUP 3N: Caliper				
3N	R55640/E14663026	N3	10.0	
	R55641/E14663027	N3	9.5	

GROUP 3P: Caliper				
3P	L55795PM/E14670040	P3	17.6	
	L55794PM/E14670041	P3	17.6	
Total				

List number of units by core condition	Description	Class	Weight in lbs	Good Core
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GROUP 3Q: Caliper				
3Q	R55796/E14670038	Q3	14.9	
	R55797/E14670039	Q3	14.9	

GROUP 3R: Caliper				
3R	R55798/E14666537	R3	4.5	

GROUP 3S: Caliper				
3S	R55809/E14660080/ E14666080	S3	14.9	
	R55810/E14666081	S3	14.9	

GROUP 3T: Caliper				
3T	R55206/E14671011	T3	7.5	
	R55207/E14671012	T3	7.5	

GROUP 3U: Light Duty Caliper				
3U	L55254M/E14670018/ E14670028	U3	27.9	

GROUP 3V: Caliper				
3V	R55206/E14671011	V3	18.7	

GROUP 3W: Caliper				
3W	R55249/E14671015	W3	9.4	

GROUP 3X: Caliper				
3X	R55206/E14671011	X3	18.7	

GROUP 3Y: Caliper				
3Y	R55206/E14671011	Y3	18.7	

GROUP 3Z: Caliper				
3Z	R55206/E14671011	Z3	18.7	

GROUP 3AA: Caliper				
3AA	R55206/E14671011	AA3	18.7	

GROUP 3AB: Caliper				
3AB	R55206/E14671011	AB3	18.7	

GROUP 3AC: Caliper				
3AC	R55206/E14671011	AC3	18.7	

GROUP 3AD: Caliper				
3AD	R55206/E14671011	AD3	18.7	

GROUP 3AE: Caliper				
3AE	R55206/E14671011	AE3	18.7	

GROUP 3AF: Caliper				
3AF	R55206/E14671011	AF3	18.7	

GROUP 3AG: Caliper				
3AG	R55206/E14671011	AG3	18.7	

GROUP 3AH: Caliper				
3AH	R55206/E14671011	AH3	18.7	

GROUP 3AI: Caliper				
3AI	R55206/E14671011	AI3	18.7	

GROUP 3AJ: Caliper				
3AJ	R55206/E14671011	AJ3	18.7	

GROUP 3AK: Caliper				
3AK	R55206/E14671011	AK3	18.7	

GROUP 3AL: Caliper				
3AL	R55206/E14671011	AL3	18.7	

GROUP 3AM: Caliper				
3AM	R55206/E14671011	AM3	18.7	

GROUP 3AN: Caliper				
3AN	R55206/E14671011	AN3	18.7	

GROUP 3AO: Caliper				
3AO	R55206/E14671011	AO3	18.7	

GROUP 3AP: Caliper				
3AP	R55206/E14671011	AP3	18.7	

List number of units by core condition	Description	Class	Weight in lbs	Good Core
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GROUP 20: Caliper 3.38"				
20	R55199/E14671014	47	17.5	
	R55200/E14671015	47	17.5	

GROUP 21: Caliper 2.60"				
21	L55245M	48	27.9	
	R55314/E14675006	48	20.0	

GROUP 22: Caliper 2.88"				
22	R55177/E14675007	48	20.4	

GROUP 23: Caliper 2.88"				
23	R55250/E14685008	49	24.0	

GROUP 24: Caliper 2.88"				
24	R55656/E14688006	49	24.5	

GROUP 25: Caliper 2.88"				
25	R55251/E14688010	49	28.2	

GROUP 26: Caliper 2.88"				
26	R55251/E14688010	49	28.2	

GROUP 27: Caliper 2.88"				
27	R55251/E14688010	49	28.2	

GROUP 28: Caliper 2.88"				
28	R55251/E14688010	49	28.2	

GROUP 29: Caliper 2.88"				
29	R55251/E14688010	49	28.2	

GROUP 30: Caliper 2.88"				
30	R55251/E14688010	49	28.2	

GROUP 31: Caliper 2.88"				
31	R55251/E14688010	49	28.2	

GROUP 32: Caliper 2.88"				
32	R55251/E14688010	49	28.2	

GROUP 33: Caliper 2.88"				
33	R55251/E14688010	49	28.2	

GROUP 34: Caliper 2.88"				
34	R55251/E14688010	49	28.2	

GROUP 35: Caliper 2.88"				
35	R55251/E14688010	49	28.2	

GROUP 36: Caliper 2.88"				
36	R55251/E14688010	49	28.2	

GROUP 37: Caliper 2.88"				
37	R55251/E14688010	49	28.2	

GROUP 38: Caliper 2.88"				
38	R55251/E14688010	49	28.2	

GROUP 39: Caliper 2.88"				
39	R55251/E14688010	49	28.2	

GROUP 40: Caliper 2.88"				
40	R55251/E14688010	49	28.2	

GROUP 41: Caliper 2.88"				
41	R55251/E14688010	49	28.2	

GROUP 42: Caliper 2.88"				
42	R55251/E14688010	49	28.2	

GROUP 43: Caliper 2.88"				
43	R55251/E14688010	49	28.2	

GROUP 44: Caliper 2.88"				
44	R55251/E14688010	49	28.2	

GROUP 45: Caliper 2.88"				
45	R55251/E14688010	49	28.2	

List number of units by core condition	Description	Class	Weight in lbs	Good Core
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CORE RETURN:

Truck Products and All Makes by Bendix CVS

DATE _____

Ship Freight Class 60. To schedule shipment,
go to www.bendixcorefreight.com
or call 877-681-1949

Under 500 lb. ship prepaid – Over 500 lb. ship collect

Core Return No. _____

Returned Cores: B/L NO. _____

Carrier _____

Containers/Pallets _____

LBS. _____

List number of units by core condition	Model	Class	Weight in lbs	Good Core	1 - Part Damaged	2 - Parts Damaged
ALL MAKES BY BENDIX CVS - COMPRESSORS						
GROUP A1: EL740 - 4-Hole Base A/C - Rotatable Head						
A1	KN 7000X	AA	32			
GROUP A2: EL740 - 4-Hole Base A/C - Non-Rotatable Head						
A2	KN 7010X	AB	25			
	KN 7020X	AB	25			
GROUP A3: EL740 - 4-Hole Base W/C - Rotatable Head						
A3	KN 7030X	AC	23			
GROUP A4: EL740 - 4-Hole Base W/C - Non-Rotatable Head						
A4	KN 7040X	AD	23			
	KN 7041X	AD	23			
	KN 7050X	AD	23			
GROUP A5: EL740 - DETROIT 60 Flange Mount						
A5	KN 7060X	AE	30			
	KN 7070X	AE	30			
	KN 7080X	AE	30			
GROUP A6: EL740 - 6-Hole Base						
A6	KN 7100X	AF	30			
	KN 7180X	AF	30			
GROUP A7: MIDLAND Governor - Diaphragm Type						
A7	KN 18511X	AG	1			
GROUP A8: MIDLAND Governor - Piston Type						
A8	KN 18530X	AH	1			
GROUP A9: Reman Compressor GM/SUZUKI 292 - no check valve						
A9	KN 7700X	AK	45			
GROUP B1: EL850 - 4-Hole Base - A/C						
B1	KN 85020X	BA	21			
GROUP B2: EL850 - 4-Hole Base - W/C						
B2	KN 86020X	BB	21			
GROUP B3: EL850 - CUMMINS "B" Series						
B3	KN 86230X	BC	21			
GROUP C1: EL1300 - 4-Hole Base						
C1	EL 13020X	CA	40			
	EL 13021X	CA	40			
	EL 13022X	CA	40			
	EL 13060X	CA	40			
GROUP D1: EL1300 - DETROIT DIESEL 60 Series						
D1	EL 13053X	DA	55			
GROUP D2: EL1300 - DETROIT DIESEL 60						
	EL 13050X	DB	45			
	EL 13051X	DB	45			
GROUP D3: EL1300 - DETROIT DIESEL 1"						
D3	EL 13070X	DD	45			
GROUP D4: EL1300 - DETROIT DIESEL 41"						
D4	EL 13090X	DE	45			
GROUP D5: EL1300 - DETROIT DIESEL 45"						
D5	EL 13160X	DF	45			
GROUP D6: EL1300 - DETROIT DIESEL 50"						
D6	EL 13100X	DG	45			
GROUP E1: EL1300 - CUMMINS						
E1	EL 13040X	EA	45			
GROUP E2: EL1300 - CUMMINS 2 - HOLE						
E2	EL 13220X	EB	45			
GROUP E3: EL1300 - CAT 2 - Hole Flange 20DE LT						
E3	EL 13280X	EC	54			
	EL 13281X	EC	51			
GROUP F1: EL1300 - MACK						
F1	EL 13111X	FA	50			
GROUP G1: EL1300 - CAT Tapered Shaft						
G1	EL 13080X	GA	45			
	EL 13170X	GA	45			
GROUP G2: EL1300 - CAT Tapered Short Shaft						
G2	EL 13200X	GB	45			
GROUP G3: EL1300 - CAT Spline Shaft						
G3	EL 13120X	GC	45			
GROUP G4: EL1300 - CAT S - Hole Mount						
G4	EL 13151X	GD	45			
GROUP G5: EL1300 - CAT 3406E						
G5	EL 13330X	GE	49			
GROUP G6: Reman EL1300 - CAT 3176B						
G6	EL 13331X	GF	49			
GROUP H1: EL1600 - 4-Hole Base						
H1	EL 16020X	HA	45			
	EL 16060X	HA	45			
Total:						

List number of units by core condition	Model	Class	Weight in lbs	Good Core	1 - Part Damaged	2 - Parts Damaged
GROUP J: HOLSET - CUMMINS SS						
J	3018527X	AJ	36			
	3018543X	AJ	36			
	3049186X	AJ	36			
	3558013X	AJ	40			
	3558020X	AJ	40			
	3558044X	AJ	36			
	3558045X	AJ	36			
GROUP J1: EL1600 - CUMMINS						
J1	EL 16040X	JA	45			
GROUP J2: HOLSET - CUMMINS SS						
J2	3558005X	JB	36			
	3558006X	JB	36			
	3558021X	JB	36			
	3558022X	JB	36			
GROUP J3: HOLSET - CUMMINS SS						
J3	3558049X	JD	36			
	3558050X	JD	36			
	3558051X	JD	36			
	3558052X	JD	36			
GROUP J4: HOLSET - CUMMINS SS						
J4	3558053X	JD	36			
	3558054X	JD	36			
	3558055X	JD	36			
	3558056X	JD	36			
	3558057X	JD	36			
	3558058X	JD	36			
	3558059X	JD	36			
	3558060X	JD	36			
	3558061X	JD	36			
	3558062X	JD	36			
	3558063X	JD	36			
	3558064X	JD	36			
	3558065X	JD	36			
	3558066X	JD	36			
	3558067X	JD	36			
	3558068X	JD	36			
	3558069X	JD	36			
	3558070X	JD	36			
	3558071X	JD	36			
	3558072X	JD	36			
	3558073X	JD	36			
	3558074X	JD	36			
	3558075X	JD	36			
	3558076X	JD	36			
	3558077X	JD	36			
	3558078X	JD	36			
	3558079X	JD	36			
	3558080X	JD	36			
	3558081X	JD	36			
	3558082X	JD	36			
	3558083X	JD	36			
	3558084X	JD	36			
	3558085X	JD	36			
	3558086X	JD	36			
	3558087X	JD	36			
	3558088X	JD	36			
	3558089X	JD	36			
	3558090X	JD	36			
	3558091X	JD	36			
	3558092X	JD	36			
	3558093X	JD	36			
	3558094X	JD	36			
	3558095X	JD	36			
	3558096X	JD	36			
	3558097X	JD	36			
	3558098X	JD	36			
	3558099X	JD	36			
	3558100X	JD	36			
	3558101X	JD	36			
	3558102X	JD	36			
	3558103X	JD	36			
	3558104X	JD	36			
	3558105X	JD	36			
	3558106X	JD	36			
	3558107X	JD	36			
	3558108X	JD	36			
	3558109X	JD	36			
	3558110X	JD	36			
	3558111X	JD	36			
	3558112X	JD	36			
	3558113X	JD	36			
	3558114X	JD	36			
	3558115X	JD	36			
	3558116X	JD	36			
	3558117X	JD	36			
	3558118X	JD	36			
	3558119X	JD	36			
	3558120X	JD	36			
	3558121X	JD	36			
	3558122X	JD	36			
	3558123X	JD	36			
	3558124X	JD	36			
	3558125X	JD	36			
	3558126X	JD	36			
	3558127X	JD	36			
	3558128X	JD	36			
	3558129X	JD	36			
	3558130X	JD	36			
	3558131X	JD	36			
	3558132X	JD	36			
	3558133X	JD	36			
	3558134X	JD	36			
	3558135X	JD	36			
	3558136X	JD	36			
	3558137X	JD	36			
	3558138X	JD	36			
	3558139X	JD	36			
	3558140X	JD	36			
	3558141X	JD	36			
	3558142X	JD	36			
	3558143X	JD	36			
	3558144X	JD	36			
	3558145X	JD	36			
	3558146X	JD	36			
	3558147X	JD	36			
	3558148X	JD	36			
	3558149X	JD	36			
	3558150X	JD	36			
	3558151X	JD	36			
	3558152X	JD	36			
	3558153X	JD	36			
	3558154X	JD	36			
	3558155X	JD	36			
	3558156X	JD	36			
	3558157X	JD	36			
	3558158X	JD	36			
	3558159X	JD	36			
	3558160X	JD	36			
	3558161X	JD	36			
	3558162X	JD	36			
	3558163X	JD	36			
	3558164X	JD	36			
	3558165X	JD	36			
	3558166X	JD	36			
	3558167X	JD	36			
	3558168X	JD	36			
	3558169X	JD	36			
	3558170X	JD	36			
	3558171X	JD	36			
	3558172X	JD	36			
	3558173X	JD	36			
	3558174X	JD	36			
	3558175X	JD	36			
	3558176X	JD	36			
	3558177X	JD	36			
	3558178X	JD	36			



Bendix Spicer
Foundation Brake LLC
A Bendix CVR and Dana Joint Venture

Core Return No. _____

CORE RETURN: Brake Shoes

DATE _____

Ship Freight Class 60. To schedule shipment,
go to www.bendixcorefreight.com
or call 877-681-1949

Under 500 lb. ship prepaid – Over 500 lb. ship collect

Returned Cores: B/L NO. _____

Carrier _____ Containers/Pallets _____ LBS. _____

For weight allowance use the combined total of all pallets (brake shoes must be separate from other cores since they will be shipped to a different location.) *The ESTIMATED piece weights noted below.*

List number of brake shoes	Shoe	Class/Weight	Good Core
GROUP 2P: Brake Shoe			
2P	1308E	2P / 7.5	
	4223E	2P / 12.5	
	4311E	2P / 14.5	
	4317E	2P / 14.0	
	4514Q	2P / 13.0	
	4515X3	2P / 14.0	
	4524HA	2P / 14.1	
	4524Q	2P / 12.0	
	4536FC2	2P / 13.0	
	4551Q	2P / 17.0	
	4692FC2	2P / 11.5	
	4693B	2P / 10.5	
	4693HA	2P / 11.0	
GROUP 2Q: Brake Shoe			
2Q	4515Q	2Q / 14.0	

List number of brake shoes	Shoe	Class/Weight	Good Core
GROUP 2R: Brake Shoe			
	47X8	2R / 12.5	
	4708Q	2R / 12.5	
	4709	2R / 7.5	
	4702Q	2R / 12.5	
	4709	2R / 14.0	
	4710	2R / 14.5	
	4711Q	2R / 16.0	
	4715Q	2R / 14.5	
	4717	2R / 14.5	
	4717E2	2R / 14.5	
	4718Q	2R / 16.0	
	4720Q	2R / 14.5	
	4725Q	2R / 14.5	
	4726E2	2R / 17.5	
	4726S2	2R / 17.5	
	4729	2R / 11.0	

List number of brake shoes	Shoe	Class/Weight	Good Core
GROUP 2T: Brake Shoe			
	1308P	2T / 12.5	
	4514HM	2T / 14.5	
	4514HM	2T / 14.0	
	4514HA	2T / 15.0	
	4514Q	2T / 13.0	
	4515P	2T / 15.5	
	4515QM	2T / 15.5	
	4524	2T / 12.0	
	4524	2T / 17.2	
	4661FC2	2T / 14.5	
	4674E	2T / 16.5	
	4708	2T / 14.5	
	4709	2T / 14.5	
	4709	2T / 14.5	

List number of brake shoes	Shoe	Class/Weight	Good Core
GROUP 2W: Brake Shoe			
2W	4707	2W / 14.5	
GROUP 2X: Brake Shoe			
2X	4709E	2X / 14.0	
	4709E2	2X / 14.5	
	4709S2	2X / 14.5	

Total Number of Shoes Returned: _____

Banding

- All pallets should have at least four bands to secure the product to the skid.
- Use at least two bands per side (length/width).
- Pallets should have a layer of corrugated cardboard placed on the deck before any product is loaded on the pallet.
- Pallets should have at least one layer of corrugated cardboard placed on the top of the pallet BEFORE the banding is applied.

Packaging

- Do not stack more than 100 shoes per 40" x 48" skid.
- Do not return shoes in their original boxes.
- Each piece of freight should be clearly marked with the shipper address, consignee address and pro number.
- Include the Core Return on the inside and outside of each skid.

Pallets

- Bendix standard pallet size is 40" x 48".
- Only use pallets in good condition made of dense hardwood that are able to safely support the weight of the shipment. No plywood or skids on top.
- Do not ship oversized pallets, they often break in transit.

Stretch Film Wrap

- Stretch film must be secured to the pallet.
- All brake shoes must be secured by at least eight turns of stretch film.

Shipping

- For shipments greater than 500 lbs, Cores must be registered and shipped on a Bendix bill of lading. For instructions, visit www.bendixcorefreight.com.**



For Canadian Customers Only: Initial here _____ to certify the statement below.
"I certify that the cores on this CR have been removed from trucks and/or heavy-duty vehicles in the territory of Canada."

Account Number _____ PLEASE PRINT CLEARLY

Customer Name _____

Street & No. _____ P.O. Box _____

City _____ St./Prov. _____ Zip/Postal Code _____

Phone _____ Contact Name _____

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a member of the Knorr-Bremse Group. 02/16 All Rights Reserved. COPY DISTRIBUTION: WHITE - CUSTOMER COPY; CANARY - ATTACH TO THE OUTSIDE OF STRETCH-WRAP; PINK - PLACE UNDER PALLET STRETCH-WRAP.

How-To Guide for Bendix Core Activity Reports

These instructions will help you understand the reporting format and data in the Core Reports. There are three types of reports: the Group Summary Report; the Detail Report; and the Debit/Credit Reconciliation. Positive numbers on the reports represent Cores due and negative numbers represent banked Cores.

A. Group Summary Report: Cores due

The Group Summary Report shows what is due by Core Group. This is the only report Bendix provides that is cumulative. Columns show:

- the previous month's balance, purchases, returns, adjustments and expirations,
- the current month's balance, and
- the next three month's Cores due.

Report: YYS_R_CORE_STATEMENT-SUMMARY Date: 01/22/2016 08:37:25		BENDIX COMMERCIAL VEHICLE SYSTEMS GROUP SUMMARY REPORT CORE Parent: 1234567 ABC Products Inc Period Ending NOVEMBER 2015											Page 1
GRP	Previous Balance	Purchases	Returns	Adjustments	Expired Items	Current Balance	Debits Issued	Due DEC	Due JAN	Due FEB	Beyond MAR	Curr	
01	FLANGE COMPRESSORS 1,095.00-	325.00	0.00	0.00	0.00	770.00-	0.00	0.00	0.00	0.00	770.00-	USD	
04	AIR DRYER CART 360.00	0.00	30.00-	0.00	0.00	330.00	0.00	60.00	120.00	0.00	150.00	USD	
09	AD-4/9 AIR DRYERS 1,140.00	0.00	0.00	0.00	0.00	1,140.00	0.00	180.00	480.00	120.00	360.00	USD	
12	BASE COMPRESSORS 800.00-	0.00	0.00	0.00	0.00	800.00-	0.00	0.00	0.00	0.00	800.00-	USD	
1B	CUMMINS 650-750 450.00-	0.00	0.00	0.00	0.00	450.00-	0.00	0.00	450.00-	0.00	0.00	USD	

B. Detail Report Pages: Monthly activity

This report is not cumulative but gives the specific detail of current month activity for each active Core Group. The report does not include data for any groups without activity during that month. The details include Bendix invoice number, customer P.O., part numbers for purchases, and warranty claims information.

Report: YYS_R_CORE_STATEMENT-COREGRP Date: 01/22/2016 08:37:25		BENDIX COMMERCIAL VEHICLE SYSTEMS CORE GROUP DETAIL REPORT CORE Parent: 1234567 ABC Products Inc Period Ending NOVEMBER 2015											Page 1
GRP	Previous Balance	Purchases	Returns	Adjustments	Expired Items	Current Balance	Debits Issued	Due DEC	Due JAN	Due FEB	Beyond MAR	Curr	
01	FLANGE COMPRESSORS 1,095.00-	325.00	0.00	0.00	0.00	770.00-	0.00	0.00	0.00	0.00	770.00-	USD	
Due Date	Trans Date	Type	Document	PO. / Ref	Class	Part Number	Quantity	Amount	Curr Soldto	City	State / Country		
New Purchases													
05/31/2015	11/07/2015	SLS	5090610277	503-83	14	286623	1	325.00	USD 1234567	Anytown	USA		

C. Credit Reconciliation (Upfront program) / Debit Reconciliation (Delayed program)

This document gives specific detail of any current month's debit or credit. It shows the detail for the transactions that produced the debit or credit. Bendix always closes the oldest item. For a Delayed account, this would be the oldest invoice which did not have a Core returned, not necessarily the exact invoice of original purchase.

Example 1: Upfront Credit Reconciliation

Report: YYS_R_CORE_STATEMENT-CREDIT Date: 02/03/2016 07:30:29		BENDIX COMMERCIAL VEHICLE SYSTEMS CREDIT RECONCILIATION REPORT CORE Parent: 1234567 ABC Corporation Period Ending NOVEMBER 2015											Page 1
Due Date	Trans Date	Type	Document	PO. / Ref	Group	Class	Description	Quantity	Amount	Curr	Soldto	City	State / Country
05/31/2015	05/14/2015	RTN	5025425		1B	1B	TF550 CUMMINS	1-	450.00-	USD	1007434	Anytown	USA
Totals					1B			1-	450.00-				
11/30/2015	11/03/2015	RTN	5025436		1D	1D	TF550 DDC ADAPTERLES	1-	450.00-	USD	1007434	Anytown	USA
Totals					1D			1-	450.00-				
Total Credits Issued								2-	900.00-				

Example 2: Delayed Debit Reconciliation

Report: YYS_R_CORE STATEMENT-CREDIT Date: 01/22/2016 08:37:25		<div> <div>BENDIX COMMERCIAL VEHICLE SYSTEMS</div> <div>DEBIT RECONCILIATION REPORT</div> <div>CONFIDENTIAL</div> <div>ABC Products Inc</div> <div>Period Ending NOVEMBER 2015</div> </div>										Page 1	
Due Date	Trans Date	Type	Document	PO / Ref	Group	Class	Description	Quantity	Amount	Curr	Soldto	City	State / Country
11/30/2015	04/23/2015	SLS	5090409436	26373	22	49	BW CALIPER #55250	5	270.00	USD	1234567	Anytown	USA
11/30/2015	05/08/2015	SLS	5090425586	26419	22	49	BW CALIPER #55250	2	108.00	USD	1234567	Anytown	USA
11/30/2015	05/08/2015	SLS	5090425586	26419	22	49	BW CALIPER #55250	1	84.00	USD	1234567	Anytown	USA
Totals					22			8	432.00				
Total Debits Issued								8	432.00				

NOTE:

Core related issues/questions regarding count, receipt and grading should be directed to the Bendix Commercial Vehicle Systems Huntington Core Center at 260-356-9720 extension 4930.

Core related issues/questions on your report should be directed to the Core Department at cores@bendix.com, or 440-329-9298. Representatives are available to assist you from Monday to Friday, 8 a.m. to 5 p.m. ET.

Air & Electronic

Core Groups	Core Class	Description	Good Core	1 Part Damaged	2 Parts Damaged	Upgrade Core*
01	26	Bendix® BX-2150™ - Flange Mount				
	14	Bendix® Tu-Flo® 501 - Flange Mount				
	5	Bendix® Tu-Flo® 700 - Flange Mount				
	6	Bendix® Tu-Flo® 1400 - Flange Mount				
1A	1A	Bendix® Tu-Flo® 550 CAT 31.5 Degree 2-Hole Flange				
	1A	Bendix Tu-Flo 550 CAT 5-Hole Flange				
	1A	Bendix Tu-Flo 550 CAT 3-Hole Flange				
	2A	Bendix® Tu-Flo® 750 CAT 31.5 Degree 2-Hole Flange				
	2A	Bendix Tu-Flo 750 CAT 5-Hole Flange				
	2A	Bendix Tu-Flo 750 CAT 3-Hole Flange				
1B	1B	Bendix Tu-Flo 550 Cummins 4-Hole Flange				
	2B	Bendix Tu-Flo 750 Cummins 4-Hole Flange				
1C	1C	Bendix Tu-Flo 550 DDC 4-Hole Thru Drive				
	1C	Bendix Tu-Flo 550 DDC 4-Hole Non Thru Drive				
	1C	Bendix Tu-Flo 550 DDC Series 55				
	2C	Bendix Tu-Flo 750 DDC 4-Hole Thru Drive				
	2C	Bendix Tu-Flo 750 DDC 4-Hole Non Thru Drive				
	2C	Bendix Tu-Flo 750 DDC Series 55				
1D	1D	Bendix Tu-Flo 550 DDC Integral Adapter				
	2D	Bendix Tu-Flo 750 DDC Integral Adapter				
1E	1E	Bendix Tu-Flo 550 Cummins 2-Hole Flange				
	2E	Bendix Tu-Flo 750 Cummins				
1F	1F	Bendix Tu-Flo 550 Mack Extended Flange				
	2F	Bendix Tu-Flo 750 Mack Extended Flange				
	2F	Bendix Tu-Flo 750 Mack 3-Hole Flange				
1G	1G	Bendix Tu-Flo 550 Navistar 7 Degree 2-Hole Flange				
	2G	Bendix Tu-Flo 750 Navistar 7 Degree 2-Hole Flange				
1H	1H	Bendix Tu-Flo 550 Volvo 5-Hole Flange				
	2H	Bendix Tu-Flo 750 Volvo 5-Hole Flange				
1I	60	Bendix Tu-Flo 550 Base Mount				
1J	2J	Bendix® BA-921® Compressor - DDC				
	3J	Bendix BA-921 Compressor - DDC				
1K	2K	Bendix BA-921 Compressor - CAT				
1L	IL	Bendix® BA-922® DDC Adapterless				
1M	1M	Bendix BA-922 DDC Compressor				
1N	1N	Bendix BA-922 CAT Compressor				
1P	1P	Bendix BA-922 CAT HD ACERT				
1S	1S	Bendix BA-921 Compressor - DDC EPA 2007				
1T	1T	Bendix BA-921 Compressor - DDC EPA 2010				
1U	1U	Bendix BA-922 Compressor - SAE B Flange				
1V	1V	Bendix BA-921 Compressor - Navistar				
1W	1W	Bendix BA-922 Compressor - Navistar				
1X	1X	Bendix BA-921 Compressor - Navistar Side Mount				
1Y	1Y	Bendix BA-921 Compressor - Volvo				
4	3	Bendix® E-2™/E-3™/E-5™ Brake Valves				
	66	Bendix® AD-9® Cartridges				
	13	Bendix® AD-2® Cartridges				

* See Policy section for restrictions on non-Bendix and upgrade Core returns.

Air & Electronic

Core Groups	Core Class	Description	Good Core	1 Part Damaged	2 Parts Damaged	Upgrade Core*
5	16	Bendix® D-2® Governor				
6	17	Bendix AD-2 End Cover				
	68	Bendix AD-9 Purge Valve				
9	29	Bendix AD-9 Air Dryers				
9A	79	Bendix® AD-IP® Air Dryer				
9B	96	Bendix AD-IP Cartridges				
9C	9C	Bendix® AD-IS® Air Dryer				
9D	9D	Bendix® AD-IP/ AD-SP® Purge Valve				
12	59	Bendix® Tu-Flo® 501 - Base Mount				
	61	Bendix® Tu-Flo® 700 - Base Mount				
	62	Bendix® BX-2150™ - Base Mount				
13	55	Bendix® Tu-Flo® 300 - A/C / Self-Lubed				
	1	Bendix® Tu-Flo® 300 - Engine Lubed				
	56	Bendix® Tu-Flo® 400 - A/C / Self-Lubed				
	2	Bendix® Tu-Flo® 400 - Engine Lubed				
	57	Bendix® Tu-Flo® 500 - A/C / Self-Lubed				
	30	Bendix® Tu-Flo® 500 - Engine Lubed				
	64	Bendix® Tu-Flo® 1000 - Engine & Self-Lubed				
14	97	Bendix® DuraFlo 596™ Compressor				
16	36	Bendix® PP-1® & PP-7™ Dash Valve				
	37	Bendix® PP-2™, PP-3™ & PP-8™ Dash Valve				
	37	Bendix® TC-2™ & TC-4™ Dash Valve				
	37	Bendix® TW-1™ & TW-3™ Dash Valve				
17	43	Bendix® LQ-2™ Limited Quick Release Valve				
	39	Bendix® LQ-4™ & LQ-5™ Ltd. Quick Release Valve				
	43	Bendix® QR-1® Quick Release Valve				
	38	Bendix® QR-1C® Quick Release Valve				
25	69	Bendix® R-12® & R-14® Relay Valve				
	40	Bendix® R-6™, R-8™, R-8P™ Relay Valves				
26	63	Bendix® AD-2® Air Dryers				
27	19	Bendix® DV-2™ Drain Valve				
28	33	Bendix® SR-1™ Spring Brake Valve				
	8	Bendix® SR-2™ Spring Brake Valve				
	9	Bendix® SR-4™ Spring Brake Valve				
	75	Bendix® SR-5™ Spring Brake Valve				
31	31	Bendix® E-6® Brake Valve				
	32	Bendix® E-7™ & E-10™ Brake Valve				
32	72	Bendix® E-12™ Brake Valve				
33	35	Bendix® R-7™ Relay Inversion Valve				
34	34	Bendix® BP-R1® Bobtail Valve				
35	70	Bendix® RE-6® Relay Valve				
	95	Bendix® RE-6® Relay Valve CD Kit				
36	25	Bendix® TP-4™ Tractor Protection				
	12	Bendix® TP-5™ Tractor Protection				
37	20	Bendix® PR-2™ & PR-4™ Pressure Reg. Valve				
	22	Bendix® TR-2™ & TR-3™ Inversion Valve				

* See Policy section for restrictions on non-Bendix and upgrade Core returns.

Air & Electronic

Core Groups	Core Class	Description	Good Core	1 Part Damaged	2 Parts Damaged	Upgrade Core*
38	76	Bendix® SR-5™ Change-Over Kit				
70	73	Bendix® R-12P™ Relay Valve				
73	10	Bendix® TP-3® Tractor Protection				
90	J2	Bendix® ADB22X™ Vertical Carrier				
	J3	Bendix® ADB22X™ Axial DB Carrier				
	J4	Bendix® ADB22X™ Axial SB Carrier				
SA	F1	Bendix® EVT-300™ Radar Assembly (Antenna)				
SC	F2	Bendix® EVT-300™ CPU				
SD	F3	Bendix® EVT-300™ Driver Display Unit				
SE	G8	Bendix™ SafetyDirect® ECU				
SF	G7	Bendix® FLC20™ Fusion Camera				
SG	F6	Bendix® FLR10™ Radar Assembly				
SH	F7	Bendix® FLR20™ Radar Assembly				
	F8	Bendix® FLR20™ Radar Assembly				
SK	E1	Bendix® VS-400™ Radar Assembly (Antenna)				
SM	F4	Bendix® M-40QR™ Quick Release				
SN	F5	Bendix® M-40HF™ Quick Release				
SV	E6	Bendix® ABS EC-80™ Controller (Cab-mount 3 conn.)				
SW	E7	Bendix ABS EC-80 Controller (Cab-mount 4 conn.)				
SX	E8	Bendix ABS EC-80 Controller (Cab-mount 4 conn.) Prem. ESP				
TR	3P	Bendix® Outright-Dollar Per Pound				

* See Policy section for restrictions on non-Bendix and upgrade Core returns.

Hydraulics

Core Groups	Core Class	Description	Good Core	1 Part Damaged	2 Parts Damaged	Non-Bendix Core*
10	23	Hydromax™ Booster				
19	46	BW Caliper				
20	47	BW Caliper				
21	48	BW Caliper				
22	49	BW Caliper				
23	50	Dayton Caliper				
23	51	Dayton Caliper				
24	52	BW Caliper				
3A	Y3	Bare Caliper				
3B	Y4	Bare Caliper				
3C	Y5	Bare Caliper				
3D	Y6	Bare Caliper				
3E	Y7	Bare Caliper				
3J	Z2	Caliper				
3K	K3	Caliper				
3L	L3	Caliper				
3M	M3	Caliper				
3N	N3	Caliper				
3P	P3	Caliper				
3Q	Q3	Caliper				
3R	R3	Caliper				
3S	S3	Caliper				
3T	T3	Caliper				
3U	U3	Light Duty Calipers				
3V	V3	Ford® Calipers				
3W	W3	Caliper				
3X	3X	Caliper Medium Duty				
6E	6E	Caliper & Piston Navistar®				
40	80	Hydrovac™ Boosters				
41	81	Hydrovac Boosters				
42	82	Hydrovac Boosters				
42	86	Hydrovac Boosters				
43	83	Hydrovac Boosters				
44	84	Hydrovac Boosters				
44	85	Hydrovac Boosters				
45	87	Hydrovac Boosters				
46	88	Hydrovac Boosters				
47	89	Hydrovac Boosters				
48	H1	Single Mastervac™				
49	H2	Tandem Mastervac				
4B	4B	Wheel Cylinder				
4C	4C	Backing Plate				
4D	4D	Pump & Motor				
4E	4E	Parking Brake Chamber				
50	H3	Hydroboost™				
51	H4	Hydromax Pump & Motor				
52	H5	Loaded Caliper				
53	H6	Loaded Caliper				
54	H7	Loaded Caliper				
55	H8	Loaded Caliper				
56	C1	Loaded Caliper				
57	C2	Loaded Caliper				
58	C3	Loaded Caliper				
59	5C	Light Duty Master Cylinder				
60	6C	Light Duty Wheel Cylinders				
61	6D	Light Duty Brake Boosters				
62	C4	Isuzu® Caliper				
62	C5	Isuzu Caliper				
63	C6	Dodge® Caliper				
64	C7	Chevrolet Caliper				
65	C8	Caliper - 56520				
66	C9	Caliper - Sprinter®				
67	H9	Caliper - Sprinter				
69	D1	Caliper - 55803				

*See Policy section for restrictions on non-Bendix and upgrade Core returns.

All Makes™ Remanufactured Products by Bendix CVS

Core Groups	Core Class	Description	Good Core	1 Part Damaged	2 Parts Damaged
A1	AA	EL740-4-Hole Base A/C-Rotatable Head			
A2	AB	EL740-4-Hole Base A/C-Non-Rotatable Head			
A3	AC	EL740-4-Hole Base W/C-Rotatable Head			
A4	AD	EL740-4-Hole Base W/C-Non-Rotatable Head			
A5	AE	EL740-Detroit 0° Flange Mount			
A6	AF	EL740-6-Hole Base			
A7	AG	Midland® Governor-Diaphragm Type			
A8	AH	Midland Governor-Piston Type			
A9	AK	Reman Compressor GM/ISUZU 292 - no check valve			
B1	BA	EL850-4-Hole Base-A/C			
B2	BB	EL850-4-Hole Base-W/C			
B3	BC	EL850-Cummins® "B" Series			
C1	CA	EL1300-4-Hole Base			
D1	DA	EL1300-Detroit® 60 Series			
D2	DB	EL1300-Detroit 0°			
D3	DD	EL1300-Detroit 1°			
D4	DE	EL1300-Detroit 41°			
D5	DF	EL1300-Detroit 45°			
D6	DG	EL1300-Detroit 50°			
E1	EA	EL1300-Cummins			
E2	EB	EL1300-Cummins 2-Hole Flange			
E3	EC	EL1300-Cummins 2-Hole Flange 20DE LT			
F1	FA	EL1300-MACK®			
G1	GA	EL1300-CAT® Tapered Shaft			
G2	GB	EL1300-CAT Tapered Short Shaft			
G3	GC	EL1300-CAT Spline Shaft			
G4	GD	EL1300-CAT 5-Hole Mount			
G5	GE	EL1300 - CAT 3406E			
G6	GF	Reman EL1300 - CAT 3176B			
H1	HA	EL1600-4-Hole Base			
J	AJ	Holset® Cummins Single Cycle Compressor			
J1	JA	EL1600-Cummins			
J2	JB	COMPT JB - Holset Cummins SS Compressor			
J3	JC	COMPT JC - Holset Cummins QE Compressor			
J4	JD	COMPT JD - Holset Cummins QE Compressor			
J5	JE	COMPT JE - Holset Cummins SS296 Compressor			

All Makes™ Remanufactured Products by Bendix CVS

Core Groups	Core Class	Description	Good Core	1 Part Damaged	2 Parts Damaged
J6	JF	COMPT JD - Holset Cummins SS296 Compressor			
K1	KA	EL1600-Detroit 0°			
K2	KB	EL1600-Detroit 60 Series			
K3	KC	EL1600-Detroit 1°			
K4	KD	EL1600-Detroit 4°			
K5	KE	EL1600-Detroit 41°			
K6	KF	EL1600-Detroit 45°			
K7	KG	EL1600-Detroit 50°			
K8	KH	EL1600-Detroit 75°			
K9	KJ	EL1600-Detroit Series 60			
L1	LA	EL1600-MACK			
M1	MA	EL1600-CAT Tapered Shaft			
M2	MB	EL1600-CAT Spline Shaft Fox Head Flange			
M3	MC	Midland Cylinder Head			
M4	MD	Midland DDC Series 60			
N1	NA	EL3200-4 Cylinder			
P1	PA	Holset Cummins 2-Cylinder			
P3	PC	Holset Cummins Cylinder Head			
Q1	QA	Clayton Dewandre			
RB	R2	WABCO® Compressor For Volvo SS318			
RC	R4	WABCO Compressor For Cummins LMN			
RD	R5	WABCO Compressor For MACK®			
RE	R6	WABCO Compressor For Cummins® 1SB			
RF	R7	WABCO Compressor For Cummins 1SC			
RG	R8	WABCO Compressor For Cummins 1SC			
RP	R9	Reman Compressor VOLVO Twin			
RH	S5	WABCO Head Assy 85mm M18 Water Port			
RJ	S8	WABCO Head Assy 85mm M18 Water Port			

Truck Products™ by Bendix CVS

Core Groups	Core Class	Description	Good Core	1 Part Damaged	2 Parts Damaged
V1	VA	Midland® Single Circuit Foot Valve			
V2	VB	Midland Dual Circuit Foot Valve			
V3	VC	SEALCO® Dual Circuit Foot Valve			
V4	VE	Midland® Relay Valve-Diaphragm Type			
V5	VF	Midland Relay Valve-Piston Type			
V6	VG	Midland Relay Valve			
V7	VH	Midland Relay Valve			
V8	VI	Midland/Wagner® Relay Valve RG-2			
V9	VJ	Wagner Relay Valve RF			
W1	VK	Wagner Relay Valve RS, RG-4, RS-2			
W2	VL	Berg® Relay Valve			
W3	VM	SEALCO Mini-Relay Valve			
W4	VN	SEALCO Relay Valve			
W5	VO	SEALCO Relay Valve			
W6	VP	SEALCO Service Brake-LOV Valve 2 Port			
W7	VQ	SEALCO Service Brake-LOV Valve 4 Port			
W8	VR	Kelsey® Hayes® Relay Valve-4 Port			
W9	VS	Kelsey Hayes Relay Valve-2 Port			
X1	VT	SEALCO Ratio Spring Brake Control Valve			
X2	VU	SEALCO Ratio Spring Brake Control Valve			
X3	VV	Midland EE Type Relay Emergency Valve			
X4	VW	Midland Relay Emergency Valve			
X5	VX	Berg Relay Emergency Valve			
X6	VY	Midland RT-4 Type Spring Brake Valve			
X7	VZ	Berg Task Valve			
X8	WA	Wagner "RT" Spring Brake Control			
X9	WB	Wagner "RT-2" Spring Brake Control			
Y2	WD	Midland Quick Release/Double Check			
Y3	WE	Midland Inversion Valve			
Y4	WF	Midland Tractor Protection Valve/2-Line			
Y5	WG	Midland Tractor Protection Valve			
Y6	WH	Midland Tractor Protection Valve			
Y7	WI	SEALCO Trailer Valve			
Y8	WJ	SEALCO Cartridge For A10005X			
Y9	WK	SLOAN® Push Pull-Brass			
Z1	WL	Neway® Leveling Valve			
Z2	WM	Fuller® Shift Valve			
Z3	WN	Fuller Range Selector			
Z4	WO	Fuller Range Selector			
Z5	WP	Fuller Range Selector			
Z6	WQ	Cummins® Fuel Solenoid Valve			
Z7	WR	Midland Full Function Valve			

Brake Shoes				
Core Groups	Shoe	Class	Good Core	1 Part Damaged
2P	1308E	2P		
	4223E	2P		
	4311E	2P		
	4317E	2P		
	4514Q	2P		
	4515X3	2P		
	4524HA	2P		
	4524Q	2P		
	4536FC2	2P		
	4551Q	2P		
	4692FC2	2P		
2Q	4515Q	2Q		
2R	47X8	2R		
	1308Q	2R		
	1443E	2R		
	4702Q	2R		
	4703Q	2R		
	4710Q	2R		
	4711Q	2R		
	4715Q	2R		
	4716E2	2R		
	4717E2	2R		
	4718Q	2R		
	4719E2	2R		
	4720Q	2R		
	4725E2	2R		
	4726E2	2R		
	4726S2	2R		
	4729E2	2R		

Brake Shoes				
Core Groups	Shoe	Class	Good Core	1 Part Damaged
2T	1308P	2T		
	4311E-HM	2T		
	4317E-HM	2T		
	4514HA	2T		
	4514Q-HM	2T		
	4515P	2T		
	4515QM	2T		
	4524Q-HM	2T		
	4551P	2T		
	4661FC2	2T		
	4674E	2T		
	4708Q	2T		
2W	4707	2W		
2X	4709E	2X		
	4709E2	2X		
	4709S2	2X		

Cores should only be returned as individual shoes & not kits.

► Bendix will make the final determination at its sole discretion. If in doubt, return the part for consideration.

NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.