The Premier Remanufacturer of Transmissions, Axles and Hydraulics

North America’s First Four Star Authorized Remanufacturer

TransAxle
National Capabilities. Delivered Locally.
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“First of all, let’s clarify the difference between a remanufactured transmission and one that is rebuilt. TransAxle transmissions are totally remanufactured, returning them to the latest blueprint specifications and tested to original equipment standards,” explains Morrow. “The typical rebuilt transmission is only repaired to the level of failure. That means any components beyond this level are left intact. Additionally, testing procedures often vary among individual rebuilders. Having been exposed to TransAxle’s process, I can attest that they have a robust remanufacturing and testing process—they are not just a rebuilder.”

Jim Morrow
Former President
Detroit Diesel Remanufacturing Corp.

Our Mission Statement is simple:
“To be the premier remanufacturer of Transmissions, Axles and Hydraulics.”

TransAxle separates ourselves from local providers with our deep Original Equipment (OE) connections and access to critical product, process and diagnostic information. TransAxle separates ourselves from national providers with our investment in local distribution, management and quick, local decision making.

We strive to perfect this balance to bring our customers the best of both worlds:

- World class capabilities
- Local access to expertise, service and product

National Capabilities.

Multiple OE Affiliations:

- TransAxle is recognized as one of the top tier remanufacturers of commercial vehicle drivetrain components in North America allowing us to provide the best cost and quality combination for your company’s needs.
- We are the first remanufacturer to be authorized by the top four Tier 1 manufacturers of the commercial truck market: Allison, Eaton, Dana and Meritor.
- We are a prominent warranty center for Muncie, Eaton Hydraulics, Dana Off Highway, FABCO and many more.
- These direct relationships ensure we have access to the latest design changes and these improvements are built into our remanufactured units to ensure the highest quality of product performance.
- TransAxle has direct relationships with virtually every major supplier to the commercial truck market.

Quality Orientation:

- TransAxle is a specialist, not a generalist. This focus on the commercial vehicle drivetrain affords us the opportunity to provide the detailed expertise, product and services required as products evolve and become more complex. By not trying to be all things to all people, TransAxle is your best bet for the mundane and the complicated needs related to the drivetrain.
- By centralizing the remanufacturing process into seven product centric facilities, we can control quality through standardized, industrialized and repeatable remanufacturing process. This means that each component is fully disassembled and consistently remanufactured to an OE specification.
- TransAxle has a best in class testing regiment with 15 electronic dynamometers across the enterprise.
- We use Kaizen, Lean Manufacturing and Built In Quality (BIQ) techniques extensively across the company to drive quality into every process.
- An industry leading nationwide warranty experience is a reflection of the systematic approach we employ for quality. Feedback to the customer as well as the shop floor is immediate and fact based to drive improvement in our process and your business.

Delivered Locally.

Local Expertise:

- TransAxle has over 25 Regional Parts Managers (RPMs) working in the field to serve your specific needs.
- We have 28 distribution centers with local management averaging 25 years in the business that are empowered to make local decisions to best serve your unique requirements.
- TransAxle utilizes over 100 delivery trucks to respond immediately to your product needs and provide free pick up and delivery of orders.
- TransAxle has a 95% fill rate on stocked unit orders with in 24 hours.
- We have the ability to provide consistent/competitive prices to multi location fleet accounts through our integrated IT systems.
- TransAxle provides local flexibility to supply custom remanufactured solutions.

*Warranty coverage is highlighted throughout this brochure. For our full warranty policy please visit our website, TransAxle.com
We’re America’s First Four-Star Authorized Remanufacturer
A feat no other remanufacturer or rebuilder in North America has achieved.

TransAxle Holds Direct Relationships With Tier 1 Manufacturers
• Authorized by Allison, Eaton, Dana and Meritor
• One of 7 remanufacturers authorized by Eaton
• One of 2 independent companies with a direct Allison relationship

Our high quality meets the stringent standards of each of these suppliers.
Clearly Remanufacturing A Better Product!
TransAxle Is Driving A Culture Of Built In Quality (BIQ)

TransAxle’s emphasis on quality has always used the most effective elements of Lean Manufacturing. 5S, Kaizen events and Kanban are just a few examples. Our most recent addition to our Lean tool box has been the addition of Built In Quality—BIQ for short.

BIQ drives home best in class quality by being proactive rather than reactive. The basic principle of BIQ is to stop the flow of defects as close to their source as possible; with no defects leaving the production environment. This is accomplished via use of “gates” and visually driven checklists at critical areas of the remanufacturing processes. Resources are then deployed to eliminate the cause of the defect using proven lean technologies. Early benefits to the roll out of BIQ in our remanufacturing facilities has been a reduction in warranty claims, improved efficiency as a result of reduced rework and improved working conditions for our technicians.

BIQ in 8 Steps

1. Stop the defect
2. Get a detailed description of the defect
3. Pareto the defects to target the most problematic
4. Share defect detail with the offender
5. Conduct RCCA (Root Cause Corrective Action)
6. Drive feedback to all technicians
7. Drive RCCA into standard work documents

Stopping The Flow Of Defects Guarantees Customer Satisfaction

The BIQ Process

BIQ Checklists:

- Details of key components go through a checklist process
- If checklist requirements are not met the product is returned to the offending production cell for corrective action

Sticker ID Tag

1. ID tag matches the production order information and the print is completely visible.
2. ID tag is installed straight and under the casting line.
3. QR tag is placed on straight and under the ID tag.

Output Shaft IPV

1. Ensure that the output shaft has (3) three In Process Validation Marks

Rear Retailer

1. Ensure that ALL plugs are installed in the rear retainer

Process relies on IPV (In Process Validation):

- A technician’s “thumbs up” to indicate the processes were completed accurately

Whiteboard Documentation:

- “Live Feed” concept
- Open communication
- Guarantees documentation to improve standard work
Drive-Trainer.com
The Technical Information You Need All In One Place

A revolutionary comprehensive drivetrain product identification tool

TransAxle provides our customers an online repository that houses installation and technical information that will extend the life of your drivetrain products and decrease common failures caused by improper installation.

Drive-Trainer.com is our customers' solution for technical data, installation tips and general help regarding a product purchased from us. Our goal is to give our customers all of the information they need to successfully install and maintain their drivetrain product.

The website is mobile friendly and to make it even easier to access, every remanufactured transmission or differential we ship has a QR code attached to it, as seen below, leading you to Drive-Trainer.com.
Introducing TransAxle’s Drive Train Decoder™

A revolutionary comprehensive drivetrain product identification tool

TransAxle’s new Drive Train Decoder™ is our proprietary software database that ensures you’ll get the correct part. It’s another great tool that our trained specialists use to make sure that TransAxle gets you the parts you need when you need them.

DTD Features:
- Helps to quickly and accurately identify the correct unit.
- Contains over 30,000 complete assembly and cross reference numbers.
- Detailed descriptions and pictures of specification options.
- Result includes final part # and all specifications.
TransAxle offers a variety of Light to Heavy Duty Transmissions; ranging from 5 speeds to 20 speeds. We have been recognized as an Eaton Authorized rebuilder. Only the highest quality remanufacturers can carry this name. We are proud to be one of the chosen few.

Our manual transmissions include:
- The latest OEM upgrades
- 100% new air systems
- 100% new input shafts
- 100% new OEM approved bearings
- 100% new synchronizers and sliding clutches
- 100% dynamometer testing to ensure quality

Warranty:
- Light Duty: 1 Year*
- Medium Duty: 1 Year*
- Heavy Duty: 2 Years*
## FEATURES

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<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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<tr>
<td>We perform a 100% core disassembly.</td>
<td>This eliminates keyway failures and gear spin. It also ensures perfect timing of gears for assy. The teardown of shift covers eliminates shift failures and allows for full inspection of shift rails, detents and inter-locks. Springs and poppets are replaced.</td>
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<tr>
<td>We replace all bearings with only OEM-approved bearings.</td>
<td>Used and non OEM bearings will have a negative effect on transmission life. Transmission longevity starts with bearing quality.</td>
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<td>We replace the entire air system with a new one.</td>
<td>Transmission air system failures account for a high percentage of failures in the field; slow or sluggish shifting; slow or no range shifts. Using new air systems ensures transmission shifts at the OEM air pressure, this is critical to synchro life.</td>
</tr>
<tr>
<td>We replace the input shaft with a new one.</td>
<td>The shaft is exposed to severe loads during operation and can get stressed under normal use. Replacing with new ensures 100% spline life and 100% fit to flywheel pilot bearing.</td>
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<tr>
<td>We dyno test every reman transmission while under load.</td>
<td>Testing the transmission under load simulates actual in service use and brings it up to operating temperature quickly. While at operating temperature the shift quality is verified. Using 10W oil helps to magnify noises that would not normally be heard with 50W oils. This also benefits leak detection.</td>
</tr>
<tr>
<td>We replace all sliding clutches and synchros with new ones.</td>
<td>Replacement of sliding clutches is critical to main shaft gear life. Worn forks will enlarge the slot width for fork placement. This results in premature fork wear.</td>
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TransAxle has been remanufacturing all makes and models of automatic transmissions for over 40 years. Whether it is a pickup truck, step van or garbage truck; we are the right choice. TransAxle is an Allison Authorized Rebuilder; one of only two independent remanufacturers in North America with a direct relationship with Allison. We have dedicated remanufacturing facilities with access to the latest technology and associated training; increasingly vital with today’s electronically controlled transmissions.

Our remanufactured automatic transmissions include:
- 100% genuine content in all of our Allison transmissions
- 100% new torque converters on all Allison AT, 1000 and 2000 series models
- New solenoids and friction materials on 100% of the models
- 100% dynamometer testing across the product line

Warranty:
- AT, MT, HT: 1 Year / 2 Years School Buses *
- 1k, 2k, 3k, 4k: 2 Years / 3 Years School Buses *
- Light Duty: 3 Years / 100,000 miles*
TransAxle is a premium remanufacturer; not just a rebuilder. Below highlights just a few reasons why your next automatic transmission should be purchased from TransAxle, not a rebuilder.

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<th>WHAT WE DO</th>
<th>WHY WE DO IT</th>
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<td>Every transmission is 100% disassembled. Each part is thoroughly cleaned, individually inspected and measured to exact OE specifications.</td>
<td>Missing a worn spline or leaving a small fragment inside a transmission will cause premature failure. Our standard is 100% disassembly.</td>
</tr>
<tr>
<td>We remanufacture our transmissions with only Genuine Allison parts, which are made to match the specific application and maintain their performance throughout the life of the unit.</td>
<td>Substandard parts that are already partially worn out, or worse yet, aftermarket parts from random vendors will not go the distance. Your vehicle will be down again in short order. It might be covered under warranty, but the same substandard parts will be used in the warranty repair.</td>
</tr>
<tr>
<td>All AT-545 &amp; 1000 series transmissions are supplied with a new, genuine Allison torque converter manufactured by Allison to the latest specifications and tolerances.</td>
<td>Allison does not offer parts or repair specs for these converters due to the high failure incidents and updated standards. Remanufactured converters are aftermarket and substandard.</td>
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<td>Every transmission goes through a multi test, qualification and update process. This includes extensive electronic valve body testing for Allison Transmissions and dynamometer testing for all transmissions on the latest electronic equipment to ensure OE specifications are met or exceeded.</td>
<td>This type of testing maintains the performance of the transmission as if it were running in the vehicle, ensuring proper performance before the actual install.</td>
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<tr>
<td>We pride ourselves on remanufacturing transmissions with consistent, refined and exacting standards that are required in today’s modern trucking industry.</td>
<td>Our high quality remanufacturing process turns out a high quality remanufactured transmission. This allows us to maintain low failure rates; giving you the longest warranty, best service and the least amount of down time which results in more profits to you.</td>
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TransAxle offers two purchase options for our Remanufactured Automated Manual Transmissions (AMT); Basic Plus Model or Complete Model, to meet your specific needs. We completely disassemble and clean our AMTs utilizing the latest technology. The disassembled parts and components receive stringent inspection, each is measured to OEM specifications of quality. We use the latest engineering updated high range drum, range clutch, engaging ring and synchronizer ring. All critical components and “high wear” items are replaced.

Our remanufactured automated manual transmissions include:
- 100% replacement of bearings, seals, gaskets and speed sensor
- 100% dynamometer testing to ensure quality

Warranty: 2 Years
TransAxle’s years of experience has allowed us to refine our processes to produce the high quality differentials and axles required by vehicle applications of today’s market. Our full line of medium and heavy duty differentials includes single speed, two speed and tandem sets available for immediate exchange. We stock many models and ratios that can be shipped the same day.

Our axles and differentials include:

- 100% complete disassembly and inspection of all parts and components
- 100% replacement of all wear components including bearings, gaskets, ring gear bolt kits, snap rings and shims
- Only gears that meet OEM specifications
- Cases that are inspected and machined to OE specifications
- Salvage criteria that is based on OE specification levels

Warranty: 1 Year
TransAxle has been recognized by Dana, Fabco, Cotta and Durst as an authorized distributor and overhaul center. Extensive factory product and technical training for our sales team and shop personnel assure that you receive the best remanufactured product in the industry.

Our transfer cases include:
- Complete disassembly and inspection
- The latest OEM upgrades
- OEM approved repair parts
- Viscous clutch torque testing
- 100% testing for leaks, shift ability and noise

Warranty: 1 Year*
TransAxle stocks a deep inventory of TRW, Sheppard, Saginaw, Vickers, ZF and Bendix remanufactured steering gears and pumps. We are also an Authorized Eaton Vickers Distributor for power steering pumps.

Our steering gears and pumps include:
- Complete extensive inspections
- The latest OEM upgrades
- Replacement of all wear parts, bearings, and any part that does not meet OEM specifications
- 100% testing under load to 125% of rated pressure
- 100% gear testing in both directions with the sector shaft under load

Warranty: 2 Years*
TransAxle is the Eastern US distributor of new components for Eaton Hydraulics, Muncie, Permco, Linde, Cross, Custom Hoists, Paragon and Bondioli & Pavesi. We have the largest inventory along the East Coast of pumps, motors, PTOs, valve and cylinders. TransAxle also remanufactures hydraulic components using factory standards set forth by each manufacturer.

Our remanufacturing process includes:
- The latest OEM upgrades
- Genuine seals, bearings and gasket kits
- Replacement of any part not meeting stringent factory standards
- Lapping all wear surfaces on computerized lapping machines
- 100% testing to full horsepower, pressure and torque specifications

Warranty:
- Reman: 6 months*
- New: Manufacturer’s Warranty*
TransAxle is a Dana / Clark off highway distributor service center and warranty center. We are also an Allison Authorized Rebuilder with a dedicated remanufacturing facility. Every off highway transmission is remanufactured to factory standards by technicians that have met stringent factory training requirements.

Our remanufactured off highway transmissions include:
- Genuine seal and gasket kits
- Genuine bearing kits
- All friction materials
- Replacement of any hard parts not meeting stringent factory standards
- Dynamometer testing to ensure quality

Warranty: 1 Year*
TransAxle is an authorized remanufacturer and/or warranty/service center for many Tier One axle manufacturers. Every off highway axle and differential is remanufactured using a standard industrialized remanufacturing process.

Our remanufactured axles include:
- Genuine seal and gasket kits
- Genuine bearing kits
- All friction materials
- Replacement of any hard parts not meeting stringent factory standards
- Final testing for leaks, noise and brake settings

Warranty: 1 Year*
TransAxle is a distributor of new components for Eaton Hydraulics, Muncie, Permco, Linde, Cross, Custom Hoists, and Bondioli & Pavesi. We have the largest inventory along the East Coast of pumps, motors, PTOs, valve and cylinders. TransAxle also remanufactures hydraulic components using factory standards set forth by each manufacturer.

Our remanufacturing process includes:
- The latest OEM upgrades
- Genuine seals, bearings and gasket kits
- Replacement of any part not meeting stringent factory standards
- Lapping all wear surfaces on computerized lapping machines
- Testing to full horsepower, pressure and torque specifications

Warranty:
- Reman: 1 Year*
- New: Manufacturer’s Warranty*

“We maintain a fleet of over 400 rental trucks and pieces of heavy equipment used in the rail industry. The knowledge of their staff and their inventory help me keep our fleet moving.”

Tom Reilly III — President, TNT Equipment
We Professionally Perform All Services Listed Below
- Preventive Maintenance
- Brakes
- Suspension
- Driveline
- PTO
- Clutches
- Flywheel Resurfacing
- Transmission
- Differentials
- Steering Gears
- Hydraulics
- Wet Line Kits

Why Choose TransAxle For Your Service?
- 40 Plus years Drivetrain Experience
- Eaton, Allison, Dana and Meritor Authorized Remanufacturers
- Distributors for Muncie, Bendix, Meritor, Gunite, Dana, Newstar
- Professional Shop Environment

TransAxle’s Heavy And Medium Duty Truck Repair Services

Look To Us For Your Heavy and Medium Duty Truck Repair

We Service What We Sell
We Carry Everything You Need To Get The Job Done Right

TransAxle has you covered with the parts, tools and accessories that make your job easier. Our latest Support Products Catalog is loaded with top quality products. **Ask for your copy today!**
## NATIONAL CAPABILITIES

**BRANCH / WAREHOUSE LOCATIONS**

*Production Facilities*

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<tr>
<td><strong>CONNECTICUT</strong></td>
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<tr>
<td></td>
<td>Hartford</td>
<td>866-901-7312</td>
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<tr>
<td><strong>GEORGIA</strong></td>
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<td></td>
<td>Atlanta</td>
<td>855-889-6150</td>
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<td><strong>MAINE</strong></td>
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<td></td>
<td><em>South Portland</em></td>
<td>800-482-9632</td>
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<td><strong>MARYLAND</strong></td>
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<td></td>
<td>Baltimore</td>
<td>800-336-3010</td>
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<td><em>Easton</em></td>
<td>800-638-1109</td>
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<td><strong>MASSACHUSETTS</strong></td>
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<tr>
<td></td>
<td>Boston</td>
<td>888-460-1122</td>
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<td><strong>NORTH CAROLINA</strong></td>
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<td></td>
<td><em>Charlotte</em></td>
<td>888-395-8533</td>
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<td><em>Raleigh</em></td>
<td>866-662-4900</td>
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<td><strong>NEW YORK</strong></td>
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<td></td>
<td>Newburgh</td>
<td>877-561-1500</td>
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<td><strong>NEW JERSEY</strong></td>
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<td></td>
<td>Corporate Headquarters</td>
<td>800-257-0444</td>
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<td></td>
<td>South Hackensack</td>
<td>800-345-1911</td>
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<td><strong>PENNSYLVANIA</strong></td>
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<td></td>
<td>Allentown</td>
<td>800-255-8899</td>
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<td>Bridgeport</td>
<td>800-292-0501</td>
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<td>800-874-0083</td>
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<td>Pittsburgh</td>
<td>800-452-1502</td>
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<td><strong>SOUTH CAROLINA</strong></td>
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<td></td>
<td>Greenville</td>
<td>866-512-0015</td>
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<td><strong>TENNESSEE</strong></td>
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<td></td>
<td>Knoxville</td>
<td>877-540-4041</td>
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<td><strong>VIRGINIA</strong></td>
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<td></td>
<td>Springfield</td>
<td>800-269-4700</td>
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<tr>
<td></td>
<td>Richmond</td>
<td>866-233-1075</td>
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**PRODUCTION FACILITIES/WAREHOUSES ONLY**

Pennsauken, NJ • Saint Paul, MN

**NATIONAL WAREHOUSE LOCATIONS ONLY**

Chicago, IL • Dallas, TX • Denver, CO • Kansas City, MO • Los Angeles, CA • Ocala, FL • Seattle, WA
Branch / Warehouse Locations
*Production Facilities*
Hartford, CT • Atlanta, GA • *South Portland, ME* • Baltimore, MD • *Easton, MD* • Boston, MA • *Cinnaminson, NJ*
South Hackensack, NJ • Newburgh, NY • *Charlotte, NC* • *Raleigh, NC* • Cleveland, OH • Allentown, PA • Bridgeport, PA • Harrisburg, PA
Pittsburgh, PA • Williamsport, PA • Greenville, SC • Knoxville, TN • Springfield, VA • Richmond, VA

Production Facilities / Warehouses Only
Pennsauken, NJ • Saint Paul, MN

National Warehouse Locations Only
Chicago, IL • Dallas, TX • Denver, CO • Kansas City, MO • Los Angeles, CA • Ocala, FL • Seattle, WA

Remanufactured in the USA

transaxle.com 11/19-13567