

Top 10

PRODUCTS



On this and following pages are suppliers' nominations for the Top 10 Powertrain Products of 2022. Once you've looked over the choices, we invite you to cast a ballot. You may scan the QR code in these pages with your smart phone or click on the survey link <https://bit.ly/3ofddY4> (Type the address into your browser. Note: best results on laptop, desktop or full-size tablet). Each reader can sign on to vote for up to 10 tools to win the award! Descriptions of each product are provided by the suppliers.

Superior Transmission Parts K080 Magnum Super Servo Performance Kit

Dodge Magnum 2nd gear Super Servo kit (#K080-MAG) includes the PowerStrut and PowerWedge components making this the strongest Servo Kit available. Especially for use with hi-ratio levers. Considered a "must-use" in any Puller/ Hauler/Performance Diesel Application. superiortransmission.com



Superior Transmission Parts K086 Low/Rev Super Servo Dodge Units with Small Bore (2.470") Rev Servo

For Dodge small bore (2.470") rev. servo. The 6061-T6 Billet Piston and Steel Pin combo for late model Dodge 618/48RE units stabilizes the low/reverse piston in its bore to prevent "flipping" or stress to the case bore. Unique Double Ring / Single Lip seal design stabilizes and seals the Servo to allow higher operating pressure. Includes a new high stress-proof, self-centering steel apply pin.



Superior Transmission Parts K0146 Front End play adjust shims for GM 6L series units

The new K0146 is what you need when finish grinding the 6L family of pump stators. Superior's kit consists of 3 sets of specifically engineered, front end play shims to bring your pump back up to specification after being re-cut on a lathe and allows for the total front end play to be adjustable. Fits all the 6L45/6L50 and the 6L80/6L90 units.



Fairbanks PT4L60-E PowerTow Performance, SelectiveAction Package

For 4L60E / 4L65E. (Up to Feb. 2005 production) No more waiting for mis-matched, un-calibrated and non-stocked or out of stock special order upgrades. PowerTow Performance comes loaded with custom 1-2 and 3-4 Billet Super Servos, metal accumulator pistons, code 1870 fixes, Real-Steel valves and complete, concise instructions for pro installations, plus a new bonded separator plate.



Superior Transmission Parts STL009 Sure-Cool System (internal)

Patent Pending: The STL line of Sure-Cool Cooler-Flow kits allow immediate full flow thru the unit, and keep ATF temps down during regular non-bypassing state. When conditions require, Superior now uses this active bypass state for a safety system to protect the unit from restricted/no cooler flow. When flow drops or stops, our Sure-Cool System kicks in and dynamically balances the flow through the bypass lube system and internals to help alleviate a complete melt down of the unit.



Superior Transmission Parts STL010 Sure-Cool System Cooler-Flow Technology

The proprietary, patent pending Sure-Cool System technology has taken the market by storm. It installs inside of the existing block to save you real money over a block that's plugged (whether failed or purposely plugged) and will not bypass. When needed in cold temps or failure situations, Sure-Cool systems allows the new "dynamically" active bypass to remain active and fully functioning, especially... when used in extremely cold climates (acts as a pre-heater for below zero operation) world-wide. A must-use for any GM unit with bypass block at the case/line connection.



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Superior Transmission Parts STL011 "No-Stick" CVT Pump Flow-Control System Valve Kit

Fits: ALL JF011E / RE0F10A / JF015E / RE0F11A / JF016E / E0F10D / JF017E / RE0F10E

TransLab Engineered Jatco/Nissan CVT pump valve (stuck/sticking/no-move). The proprietary No-Stick CVT upgrade design keeps the metal normally generated by CVTs at bay and won't ruin your day by having to re-remove a CVT you just overhauled due to a stuck/jammed Pump Flow valve. Also available for Early Morano MD9 units - part # STL015



Superior Transmission Parts STL012 TransLab Engineered Pump Upgrade Kit No-Ream

"Drop in and Go" P.R. Valve with seatless design. Addresses over-pressurization which causes major 1234 and 35R drum and piston cracking by lowering failsafe/ brown-out max line to 285 PSI helps prevent high pressure parts breakage! Improved TCC apply, lube and pressure regulation stabilization and compliments our STL-6L80E valve body upgrade kit.



Superior Transmission Parts New STL020 Sure-Cool System Cooler Flow Bypass kit

Patent Pending: Fits 2016-up 6R60/75/80/90 series, 8R75/80/90 and 6F35 or 4R70/75 (w/external block s
• Full time cooler flow. Built-in safety bypc
Immediate cooler fill and accurate fluid l
check, without warm-up cycle. Reduced
average operating temperatures,
increased ATF life, and reduced risk of
overheating • Reduced risk of planetary
damage.



Superior Transmission Parts TransLab Engineered STL-6L80E Valve body Upgrade Kit

Patent Pending: Retrofits and upgrades all Gen 1 and Gen 2 valve bodies to better than Gen 3 (2014 and up specs). No need to purchase additional VB plates or castings. Improves/ corrects engagement and shift control, upgrades all VBs to 8 ball system with L/R clutch exhaust control, No-Stick properly sized Select valves, recalibrated springs, and sealing end plugs, for our No-Yump 1-2 shift feel. No-Ream Lockup control line-up, recalibrated for better lockup feel.



GFX Automatic Transmission Parts 6L80/6L90 Pump Repair Kit

2006-forward, .708 thick. This kit (Part# 408288) has all components to rebuild the pump, including slide(hardened), pump rotor (13 vane), 13 chrome molly vanes, pump guide, pump slide ring and O-ring. With over 20,000 kits sold in the last 18 months, our kits have proven to outlast OEM. This is an upgrade on every unit rebuilt.



GFX Automatic Transmission Parts 4R70E/75E/75W Direct Drum

Stamped steel six clutch direct drum (Part#46187A). This is an aftermarket replacement for a weak OEM drum. Industry 76881B, OEM # F6AZ-7F283AA



GFX Automatic Transmission Parts 6L80E/6L90 Reverse Drum

This is an aftermarket drum 2006-on (Part# 408951) with OEM ACDelco bearings installed. Our drum is an upgrade to OEM drums that leak on weld. 6L80: OEM# 4260892. Also available for the 6L90(408951A)



WIT Transmission Parts Roadmaster Powertrain Remans

Roadmaster Powertrain produces remanufactured transmissions focused on heavy duty and performance upgrades. 5-10 speeds plus customized programming for your engine.



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WIT Transmission Parts 68RFE Valve Body Kit

The WIT Valve Body Kit for the 68RFE engine comes with everything needed to rebuild your transmission and keep your valve bodies functioning smoothly.



WIT Transmission Parts Atlantic Torque Converters

Atlantic Torque Converters, a division of WIT, focuses on building premium torque converters that exceed OEM expectations and meet customers' needs. They are heavy duty, performance upgrades for your transmissions designed and built by industry experts.



WIT Transmission Parts Thermal Bypass Cooler

The Transmission Thermal Bypass Cooler is the product you need to have to ensure your valves and fluid transmissions work as designed. The temperature modulator designed exclusively by WIT is key to transmission work.



WIT Transmission Parts Reman Valve Body

WIT remanufactured valve bodies are designed with a plug instead of the singular pressure switch and works in early 1 or 5 pressure switch applications. It comes tested and ready to immediately install.



WIT Transmission Parts Transmission Fluid:

Brand new to WIT, the MultiVehicle ATF is a premium quality, full synthetic, low viscosity automatic transmission fluid that provides superior friction durability, protection against shudder, and more.



WIT Transmission Parts Xtreme Performance Torque Converters

Xtreme Performance, a division of WIT, has the 6L80/6L90 extreme torque converters with billet lids, carbon woven clutches, and new spring retainer plate. They are heavy duty, triple disc, performance-focused converters to fit all your needs.



WIT Transmission Parts Transmission Rebuild Kits

WIT creates standard, rebuild and customized performance based kits. Designed with only the absolute best OEM materials, these kits can be customized to meet your every need.



WIT Transmission Parts Transmission Girdle

The WIT exclusive Transmission Girdle was designed to protect your transmission from cracks or roughness during the drive. The Girdle wraps around the transmission, to hold it in place and keep it from being damaged.



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Sonnax Two GM 8L45, 8L90 Zip Kits from Sonnax

Sonnax offers two Zip Kits that target the root cause of multiple shift- and converter-related complaints, respectively. Restore stock shift action, with no reaming required, in GM 8L45, 8L90 units.

GM 8L45, 8L90 Shift Zip
Kit: #8L45-8L90-SHIFT-ZIP
GM 8L45, 8L90 TCC Zip
Kit: #8L45-8L90-TCC-ZIP



Sonnax GM 4L80-E, 4L85-E Heavy Duty Input Shaft

Sonnax heavy duty input shaft (#34670-01) is manufactured from high-strength 300M with proprietary heat treatment and post-heat treat processing for exceptional performance, durability and value. This shaft is recommended for GM 4L80/85-E transmissions up to 1,000 HP. Extreme duty shaft for 1,000-plus HP is also available.



Sonnax Chrysler RFE Lube Regulated Pressure Regulator Valve

Sonnax lube regulated pressure regulator valve #44912-17K restores connection to the converter circuit at idle in tuned vehicles with Chrysler 45/545/65/66/68RFE transmissions, restoring proper converter/lube flow while preventing drainback potential from drilled castings.

- Drop-in Zip Valve installs quickly and easily
- Advanced materials protect against



Sonnax Chrysler 68RFE Smart- Tech Overdrive Clutch Housing Kit

Keep hardworking 68RFE trucks on the road with outstanding protection against OD clutch burnup. Sonnax housing upgrade (#72960-16K) features improvements providing extra confidence that your builds will perform reliably at any power level, including custom BorgWarner clutches for maximum capacity with state-of-the-art squawk resistance.



Sonnax Chrysler RFE 4C Retaining Ring and Shim Kit

Repair and prevent transmission failure caused by the 4C return spring retaining ring popping off in Chrysler RFE transmissions with Sonnax 4C retaining ring and shim kit (#72978-01K). This kit features a custom G-Loc ring that mechanically holds the OE retaining ring in place.



Sonnax Ford 6F35 (Gen. 1 & 2) Case Saver Kit

Prevent repeat axle bushing failure in Ford Gen. 1 and 2 6F35 transmissions due to excess endplay by installing Sonnax case saver kit (#144281-01K). Instead of sourcing an expensive new case, stop further wear and correct differential endplay to proper levels with this kit.



Sonnax GM 8L45, 8L90 Signal Accumulator Piston Kit

Sonnax signal accumulator piston kit (#154740-06K) allows bores in GM 8L45 and 8L90 transmissions to be reconditioned quickly and easily with no reaming required. The hydraulic integrity of the VFS signal pressure circuits is re-established, and future wear is prevented with positive sealing and wear-resistant components.



Sonnax Chrysler 62TE Shift Shaft Saver Kit

Prevent or repair bushing failure in Chrysler 62TE transmissions with Sonnax shift shaft saver kit (#262991-04K). This kit allows you to save the OE shaft by replacing the bushing – without removing and re-welding the shift lever – with an upgraded Delrin bushing that won't absorb atmospheric moisture.





Sonnax GM 4L80-E, 4L85-E Performance Pack

Upgrade GM 4L80-E and 4L85-E work/sport vehicles for maximum performance and durability with this Sonnax performance pack (#HP-4L80E-01). Innovative components work together to precisely recalibrate pressures and shift accumulation, delivering firmer shifts under load without sacrificing low-speed drivability.



Precision International Mercedes 724.0 – 7G - DCT Overhaul Kit K56900N

- Contains metal/rubber pan gasket • Available with or without front molded cover
- Includes auxiliary filter for cooler • All seals for cooler are included in the kit • Contains small c-clips for the pump shaft • Includes valve body check assemblies • Covers for the parking pawl and shaft bearing included • Repair kit available for the dual clutch assembly • Also available: Components; Piston; Ring kits; Friction Module w or w/o piston



Precision International Toyota/Lexus AWFCX20 Kits Overhaul Kit K75900AA

- Contains all v/b screens and check valves • Contains rear cover port screen • Sub packaged for ease of location. • OEM comparable material. • Contains left hand and right-hand metal clad axle seals • Contains pan and filter assembly. • Contains pulley seals and seal rings • Also available: Components; Banner; Master; Piston and RingKits ; Friction and Steel Modules



Precision International Hyundai/Kia GAMMA CVT Overhaul Kit K77900KK-MD

- OEM comparable material on all components • Available with or without molded piston • Conveniently sub-packaged for ease of location and installation • Full complement of plastic thrust washers • Includes auxiliary filter • Contains diff side gear seals • Contains latest version of stepped sealing rings • Includes Farpak pan gasket • Also available: Components; Master; Piston; Ring Kits; Friction/Steel Module



Jasper Engines & Transmissions Ford 6F35 Reman Applications: Ford Fusion & Transit Connect

JASPER® 100% machines the transmission case where the axle driven sprocket bearing rides, and installs a steel shim, eliminating future case wear. Solenoid pack, speed sensors, and IMS are thoroughly tested. Assembly is also dynamometer tested and carries a nationwide warranty of up to 3 years/100,000 miles parts and labor.



Jasper Engines & Transmissions ZF 8HP70 Reman Applications: RAM 1500, Dodge Durango, and Jeep Grand Cherokee

Includes the 100% installation of a stronger, JASPER-designed stepped pressure plate on the A & D clutch pack assembly to reduce flex, reducing premature failure along the outer edge of the lined plate. Assembly is dynamometer tested, shipped prefilled with ZF specified fluid, and carries a nationwide warranty of up to 3 years/100,000 miles parts and labor. JASPER® also offers the rental of a remote TCM programming device.



Lubeguard Aluminum Protectant

Lubeguard Aluminum Protectant (P/N 19300) reduces aluminum-on-aluminum and steel-on-aluminum wear by adding anti-wear protection which is not currently present in today's ATFs. It protects aluminum in contact with steel or other aluminum such as valve bodies, servo bores, and pistons and reduces aluminum valve body wear by up to 30%.



Transtar External Transtar Wire Harness Repair Kit

This external harness repair kit makes the job easier. Fully assembled unlike the OE repair kit, take some of frustration away. Fits Chrysler RFE series and 62TE.



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Transtar Electrical Case Connector Seal

Replacing the internal harness electrical case connector for the GM 4L60E series, 4L80E, and 4T80E can be expensive just to fix a compromised seal. This TransTec® seal insert may be just what you need to save the connector from leaking and having to replace the harness.



Transtar 6L80/6L90 1-2-3-4/3-5-Reverse Drum

This multi-functional tool checks for cracks in the 6L80 and 6L90 1-2-3-4/3-5 reverse drum housing. It also checks for other leaks inside the drum. It also installs the bearing to the proper depth by placing the bearing on the tool and setting it on the drum and tapping into place.



Transtar Aluminum Protectant

This additive complements all transmission fluids to help prevent wear on aluminum parts such as the valve body. Transmission fluids do not have very good lubrication properties, especially on aluminum. Protect your rebuilds from aluminum wear with the M465AP.



Transtar 6L80/90 Stabilizer Kit

No need to replace the Center Support or Case on the 6L80/90. For a loose support, this kit stabilizes the support and the hydraulic circuit. It stops low/reverse clunk and worn center support seals.



Transtar Nissan Plug and Play Modules

Now available from Transtar! Choose Dorman's Plug and Play Modules for Nissan vehicles to save time and provide the best value. Includes a limited lifetime warranty. Speak with your Transtar sales representative today or visit transend.us for part numbers and details.



Transtar OEM Complete Power Transfer Units

Brand new OEM Ford complete Power Transfer Units (PTU) ready to install out of the box. These cover Ford Flex Edge, Taurus, Lincoln MKS, MKX, and MKT with all-wheel drive. These units priced competitively against the market come with a 12 month/12,000 mile warranty.



Transtar 68RFE Billet Channel Plate

6061 billet aluminum construction. Can be used with any OEM replacement filter. Factory depth worm tracks on the crucial vent, TCC/SSV worm tracks. Micro polished worm track surface. There are no visible or perceptible machining marks or stepovers. This ensures no chance of any leaking due to machining marks. Large Radius machining on the filter cutout increases rigidity yet allows the use of a stock filter assembly. Angle milled step downs increase rigidity in problematic flexing areas. Ability to run up to 325 PSI of line pressure without any warpage! (Transmission tuning, TCM upgrade or pressure box is needed) No pump modifications required for up to 250 PSI.



Transtar Borg Warner 6R140 Frictions

Transtar now offers Borg Warner 6R140 Transmission Frictions. Borg Warner is the worldwide leader in automatic transmission clutch components and systems. Borg Warner supplies wet friction clutch modules, friction plates, transmission bands, torsional vibration dampers, lockup clutches, and one-way clutches. Speak to your Transtar sales representative and visit transend.us.





**Raybestos Powertrain
GPZ Friction Clutch Plates**

GPZ friction clutch plates increase transmission performance and durability with the friction material tested to exceed OE material by as much as 20% to withstand high stress, high temperatures and repeated cycling. GPZ's outstanding performance benefits are perfect for heavy-duty vehicles and high-stress driving. GPZ performance improves as the power increases.



**Raybestos Powertrain
GEN2 Blue Friction Clutch Plates**

Gen2 frictions are the ultimate racing clutches. Gen2 offers optimum shifting and positive engagements under high power conditions where all energy absorption is condensed into a short length of time. Gen2 is a power-absorbing clutch that performs with low-wear, excellent fatigue strength, high durability and quick shifts with little shock.



**Raybestos Powertrain
Stage-1 Red Friction Clutch Plates**

Stage-1 Red frictions reduce shift times in applications that require performance beyond stock friction capabilities. Stage-1 frictions also enhance heavy-duty applications by increasing holding capacity, while being able to withstand higher temperatures associated with towing heavy loads. Stage-1 is recommended for mild street-strip applications.



**Raybestos Powertrain
GPX Honda/Acura Friction Clutch Plates**

GPX frictions are designed to match Honda/Acura transmissions perfectly. GPX material combined with a unique groove pattern withstands high temperatures, creates smooth shifts and provides greater durability than OE. With the industry's tightest manufacturing specifications the GPX is an OE replacement without the OE cost.



**Raybestos Powertrain
Allison 1000/2000 C1 GPZ Torqkit | RTK-1001**

With an enhanced shift feel, increased torque capacity, and smooth engagements, Allison 1000/2000 C1 Torqkits are designed to help tear up the drag strip, bust through the mud, and pull towards success. The C1 Torqkit features increased clutch counts beyond the OE design and GPZ material.



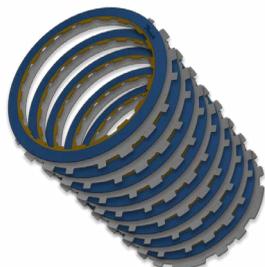
**Raybestos Powertrain
GM 700-R4, 4L60E, 4L65E 3-4 ZPAK | RZP-001**

The RZP-001 ZPAK single-sided clutch system outperforms OE by as much as 30% while increasing torque capacity and reducing core temperatures for a significant reduction in hot spotting and greater clutch life. ZPAK also utilizes GPZ friction material to take the heat without coning.



**Raybestos Powertrain
GM 700-R4, 4L60E, 4L65E 3-4 Gen 2 Blue MaxPak | RCPBP-21**

The RCPBP-21 Gen2 Blue MaxPak for serious racing applications increases torque capacity and heat dissipation of the 3-4 clutch pack by increasing the number of friction surfaces without sacrificing steel plate thickness, clutch pack clearance, or the necessity for specialty snap rings.



**Raybestos Powertrain
Ford 10R80, GM 10L80 GPZ Friction Clutch Pack | RGPZ-268**

The RGPZ-268 GPZ Clutch Pack contains upgraded GPZ friction clutch plates that are manufactured with a unique blend of high energy fibers for ultimate stress and high temperature durability. RGPZ-268 has been put to the test on the drag strip time and time again consistently holding over 1000hp.



Top 10 TOOLS



On this and following pages are suppliers' nominations for the Top 10 Powertrain Tools of 2021. Once you've looked over the choices, we invite you to cast a ballot. You may scan the QR code in these pages with your smart phone or click on the survey link <https://bit.ly/3ofddY4> (Type the address into your browser. Note: best results on laptop, desktop or full-size tablet). Each reader can sign on to vote for up to 10 tools to win the award. All descriptions are provided by the suppliers.

Transtar Transend Lookup/ Ordering Software



transend is the industry's leading parts lookup and ordering software. Faster parts ordering means more time working on cars and running your shop. With efficient search and filter functionality, exact application matching, and transparency of pricing and availability, transend gives you the confidence that the parts you're ordering are exactly what you need. It allows you to browse lists of parts specific to the vehicle you're working on and purchases parts online 24/7, 365 days a year. If you should encounter any questions, live experts are ready to chat and provide assistance. Search now on transend.us

WIT Transmission Parts Pump Alignment Tool

The Pump Alignment Tool is manufactured by WIT to align the pump stator to the bell housing. It works with 5R55N/S/W/E, as well as others. It is made in the USA.



WIT Transmission Parts CVT Stepper Motor Tester

The CVT Stepper Motor Tester is designed to measure the movement of the pulleys in a CVT Stepper Motor to ensure proper functioning.



WIT Transmission Parts Forward/Direct Drum Tester

The Drum Tester, designed and manufactured by Roadmaster Powertrain, a division of WIT, is made of billet aluminum. It uses air pressure to test the drum and pistons for cracks.



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WIT Transmission Parts Reddit Online Community

A new online community on Reddit created by WIT and other industry leaders to be a space for all things automotive transmission related.



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WIT Transmission Parts WIT Digital & Print Catalog

WIT has created a way for you to have our catalog at your fingertips no matter what you are working on. The WIT Digital and Print Catalogs hold our entire catalog for your convenience.



WIT Transmission Parts Output Shaft Remover

The Output Shaft Remover is designed to remove the output shaft to gain access to the nut holding the rear planet which is retained to the rear planet with a squared c-clip. This tool makes removing a cinch.



WIT Transmission Parts 3-5/Reverse Drum Tester

The Drum Tester, designed and manufactured by Roadmaster Powertrain, a division of WIT, is made of billet aluminum. It is used to tilt uses air pressure to test the drum and pistons for cracks.



WIT Transmission Parts Shop Talk Series

Industry veterans Bill Anthony and Chris Combs debut in a new series of knowledge building resources called Shop Talk with Chris and Bill. The episodes air every first Thursday of the month.

