

APPLICATION CATALOG HEAVY DUTY TRUCKS



SOLUTIONS

- Adhesives & Sealers
- Electronic Adhesives
 - Anti-Vibration Parts
 - Sensing Systems
- Magneto-Rheological Suspensions

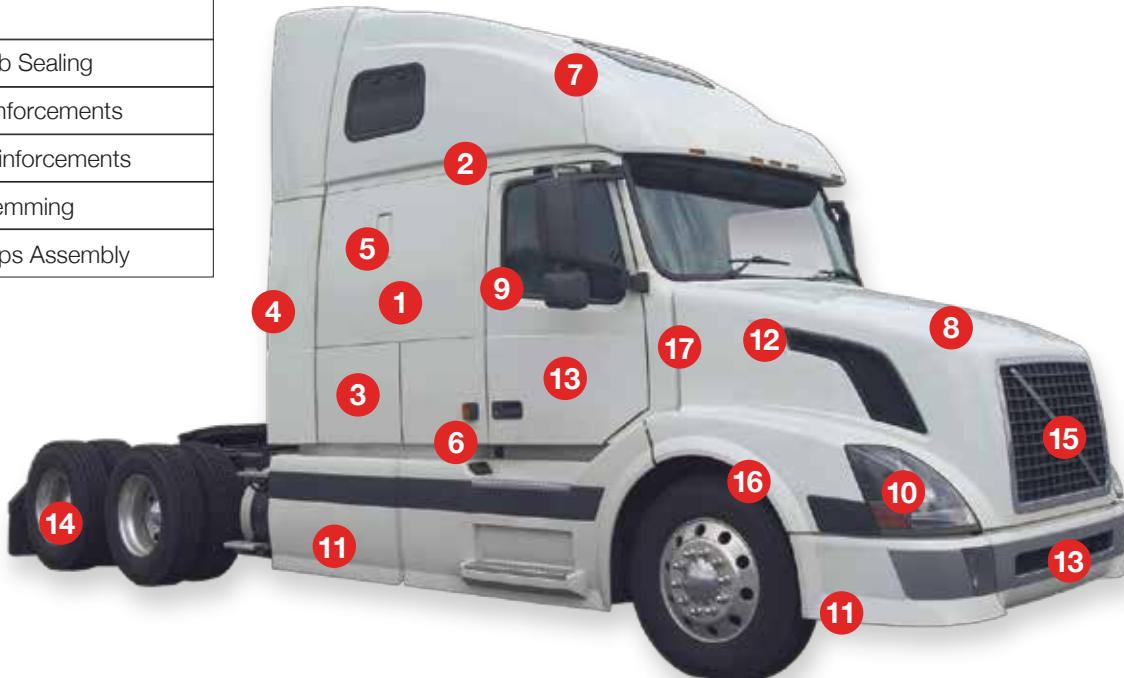
LORD
Ask Us How™

HEAVY DUTY TRUCKS SOLUTIONS

OEMs & Tiers aim to increase fuel efficiency and reduce CO2 emissions with lighter trucks. LORD Corporation has developed solutions to help weight reduction with adhesives designed for bonding light materials and customize aerodynamic designs.

LORD is a diversified technology leader that provides innovative adhesives, sealers, motion management solutions, sensing systems and magnetically responsive technologies that improve performance, design and health on heavy duty trucks.

Bonding Applications		Repair Adhesives		Speciality Solutions	
1	Side Panels	11	Plastic Repair	14	Magneto-Rheological Suspension
2	Roof Assembly	12	Composite Repair	15	Sensing Systems
3	Doors Panels	13	Metal Repair	16	Anti-Vibration Parts
4	Side Flap			17	Potting Materials



Eliminate
Curing Oven



Maximizing
Efficiency &
Productivity



Cost
Reduction



Noise Control
& Reduction



Vibration
and Shock
Reduction



Time
Saving



Machine Health
Monitoring

APPLICATION SOLUTIONS

SIDE PANELS BONDING

LORD Maxlok offers room temperature adhesives to reduce truck weight by bonding bared metals, eliminating rivets, screws and post curing oven. LORD Maxlok adhesives do not require surface preparation and help reducing labor cost and production cycle.



ROOF ASSEMBLY

LORD 7000 series is the solution for bonding different types of composites and metals used in cabins assembly. LORD solutions help eliminate oven, reduce costs and increase production with fast cure adhesives.



DOORS PANELS BONDING

LORD Maxlok adhesives reduce trucks weight by replacing rivets and screws with high performance adhesives, reducing labor cost and processes.



SIDE FLAP BONDING

LORD 810-LRT is specially designed for thermoplastics, metals and composite materials, with a perfect bonding appearance due to the low bond line read through adhesive characteristic.



VENTS BONDING

LORD Maxlok improves aesthetics in air vents eliminating bubbles, reducing volume and replacing rivets and screws with room temperature and fast cure adhesives.



APPLICATION SOLUTIONS

METAL CAB SEALING

LORD 7610DTM is the sealer-adhesive free of solvents for unpainted metals eliminating primers and cure ovens, with non-yellowing characteristics and several application methods.



FIBER GLASS CABS BONDING

LORD 7000 series is the adhesive line used by OEMs in thermoplastics, composites and unpainted metals for exterior trim components. LORD 7000 series cure at room temperature with minimal surface preparation.



ROOFS & HOODS REINFORCEMENTS BONDING

LORD 7000 series is the solution to bond reinforced plastics and thermoplastics with minimum surface preparation. It does not require cure oven and offers flexible working times.



DOORS HEMMING

LORD Versilok is a hemming-adhesive with glass beads which provides mechanical lock to prevent substrate panels shifting and corrosion, while replacing spot welding.



HEADLAMPS ASSEMBLY

LORD 7000 series is the headlamps solution for bonding and sealing engineering plastics eliminating cure oven.



APPLICATION SOLUTIONS

REPAIR ADHESIVES

LORD Fusor is the most complete line of adhesives to repair plastics, FRP, thermoplastics and metals in OEMs plants and recalls for invisible repairs.



MAGNETO-RHEOLOGICAL (MR) SUSPENSION SYSTEMS

LORD offers unique MR fluid technology to improve stability, safety and comfort with several energy-dissipating applications such as brakes, shocks and dampers.



ANTI-VIBRATION PARTS

LORD mechanical parts offer custom-designed and standard products to meet most demanding applications for control of vibration, motion and noise.



SENSING SYSTEMS

LORD MicroStrain is the sensing solution for preventing equipment failure, reducing unscheduled downtime and lower costs for monitoring and planning maintenance according to specific equipment performance.



POTTING MATERIALS

LORD pottings and encapsulants provide high environmental protection, thermal management and UL approvals for protecting electronic devices and increase performance with customized products for demanding applications.

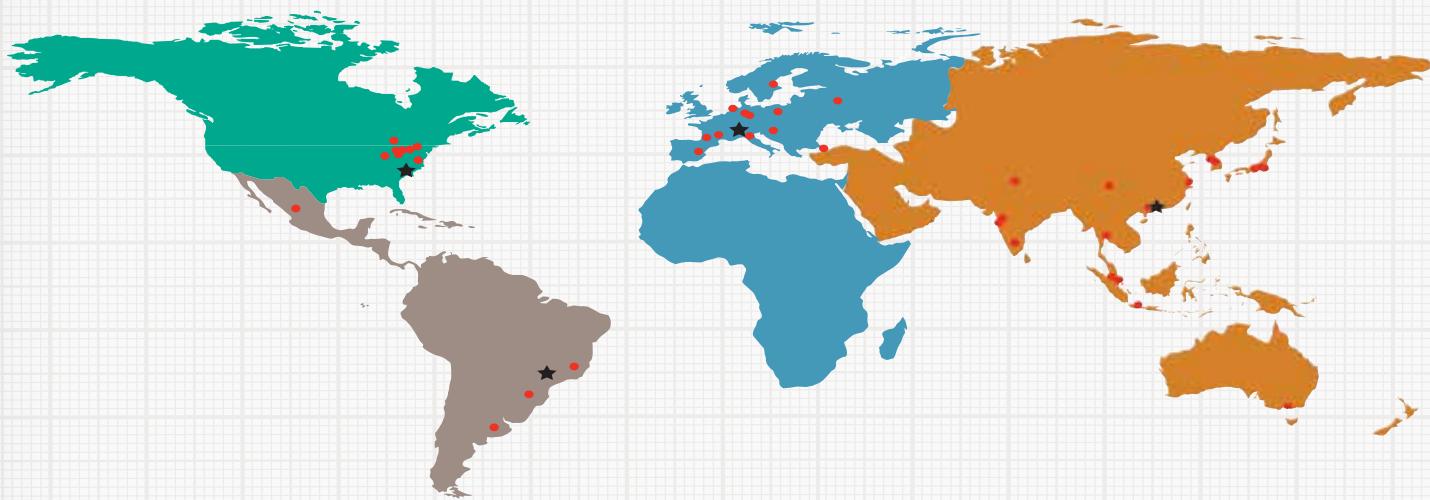


OEM APPROVALS

Product	OEM Approval	Application	# Material Specification
LORD Maxlok T18 &T6	DTNA (Freightliner)	Side Panels Bonding	25123-015, 25123-115
LORD Versilok 253/254	DTNA (Freightliner)	Hem Flange Doors & Roofs	25123-012, 25123-112
LORD Maxlok T6	PACCAR (Kenworth)	Metal Doors Bonding	CMT-0038
LORD 7542	PACCAR (Kenworth)	FRP, RTM, SMC Bonding	CMT-0038 Report ML07-122
LORD Fusor 320/322	PACCAR (Kenworth)	FRP-FRP Bonding	CMT-0038
LORD LA040 A/B	INTERNATIONAL (Navistar)	Roof Bonding	TMS-6900
LORD 406/19	JELCZ	Stainless Steel Cabin	Internal Approval
LORD 2010/2020P	AGRALE	Truck's Cab Bonding	Internal Approval
Maxlok MX/T18	AGRALE	Doors Bonding	Internal Approval
Chemlok 459X	AGRALE	Promoter for PP Painting	Internal Approval
*T10 (100EZ)	PACCAR	Repair of: SMC, SSMC, DCPD, Metton Telene, Vinyl	Kenworth T2000 Peterbilt 387
*T31 (110B) & T30 (108B)	PACCAR	Aftermarket Aluminum Bonding	Kenworth T2000 Peterbilt 387
*T22, T23, T24, T21	PACCAR	Bondig of: SMC, SSMC, DCPD, Metton Telene, Vinyl	Kenworth T2000 Peterbilt 387
Fusor 100EZ and 102	VOLVO	VNL/VNM Air Fairing Repair	TSB 891 08
Fusor 120	VOLVO	Aero Hood Repair, VN Hood	TSB 891-008
Fusor T30 (108B)	Western Star	Steel Mounting Hardware, Crack Repair and Roof Repair	TSB 99WS005 & 98WS000
All T Series products	INTERNATIONAL (Navistar)	General Recommendation of Fusor Line. Per Letter From International Service Team.	TMS-6900
Fusor 800 DTM	VOLVO	Aftermarket Service Door Rust Prevention	FSB 801-003

* Per Kenworth T2000 and Peterbilt 387 collision repair manuals

LORD Global Presence



UNITED STATES & CANADA

Regional Headquarters:

Cary, NC

Key Products: Adhesives and coatings, industrial parts and assemblies, motion and vibration control technologies, encapsulants, thermal management compounds

EUROPE, MIDDLE EAST & AFRICA

Regional Headquarters:

Geneva, Switzerland

Key Products: Adhesives and coatings, industrial parts and assemblies, motion and vibration control technologies, encapsulants, thermal management compounds

LATIN AMERICA

Regional Headquarters:

Cary, NC

Key Products: Adhesives and coatings, industrial parts, motion and vibration control technologies

ASIA PACIFIC

Regional Headquarters:

Hong Kong

Key Products: Adhesives and coatings, shock, motion and vibration control technologies

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LORD provides valuable expertise in adhesives and coatings, vibration and motion control, and magnetically responsive technologies. Our people work in collaboration with our customers to help them increase the value of their products. Innovative and responsive in an ever-changing marketplace, we are focused on providing solutions for our customers worldwide ... Ask Us How.

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For a listing of our worldwide locations, visit LORD.com.

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