



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Request for Quotation

Proc Folder: 35041

Doc Description: Tandem Tractor

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2014-09-23	2014-10-23 13:30:00	CRFQ 1400 AGR1500000004	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Vendor Name, Address and Telephone Number:

*Worldwide Equipment Inc.
 Lewis County Industrial Park
 Jane Lew WV 26378*

304-884-7815 or 800-879-3039

10/22/14 09:44:33AM
 West Virginia Purchasing Division

FOR INFORMATION CONTACT THE BUYER

Dean Wingerd
 (304) 558-0468
 dean.c.wingerd@wv.gov

Signature X

FEIN # 45-1024981

DATE

10/21/14

All offers subject to all terms and conditions contained in this solicitation

INVOICE TO		SHIP TO	
PROCUREMENT OFFICER 304-558-2221 AGRICULTURE DEPARTMENT OF ADMINISTRATIVE SERVICES 1900 KANAWHA BLVD E CHARLESTON WV25305-0173 US		AUTHORIZED RECEIVER 304-558-0573 AGRICULTURE DEPARTMENT OF FOOD DISTRIBUTION PROGRAM 4496 CEDAR LAKES RD RIPLEY WV 25271 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Tandem Tractor	1.00000	EA	\$105,649	\$105,649

Comm Code	Manufacturer	Specification	Model #
25102100	Mack	✓	CXU613

Extended Description :

**THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, DEPARTMENT OF AGRICULTURE, IS SOLICITING BIDS FOR THE ONE-TIME PURCHASE OF A MODEL YEAR 2015 CLASS 8 DAY CAB TANDEM TRACTOR, FOR THE FOOD DISTRIBUTION PROGRAM, PER THE ATTACHED SPECIFICATIONS.

*** LINE NUMBER 1- 2015 Class 8 Day Cab Tandem Tractor for Donated Foods

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2	Additional Fees	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25102100	Mack	✓	CXU613

Extended Description :

Additional Fees (if necessary)

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Worldwide Equipment Inc
(Company)

Scott Peter Scott Peter Director of Government & Municipal Sales
(Authorized Signature) (Representative Name, Title)

800-879-3039 / 859-253-4639 10/21/14
(Phone Number) (Fax Number) (Date)

SPECIFICATIONS

- ✓ 1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of WV Department of Agriculture to establish a contract for the one time purchase of a 2015 or newer Class 8 Day Cab Tandem Tractor.
- ✓ 2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.

✓ 2.1 **"Contract Item"** means 2015 or newer Class 8 Day Cab Tandem Tractor. *2016 Mack CXU613*

✓ 2.2 **"Pricing Page"** means the pages upon which Vendor should list its proposed price for the Contract Items in the manner requested. The Pricing Page is either included on the last page of this RFQ or attached hereto as Exhibit A. Vendors may also submit bids using the VSS/WV Oasis website and insert pricing on the commodity lines.

✓ 2.3 **"RFQ"** means the official request for quotation published by the Purchasing Division.

3. **GENERAL REQUIREMENTS:**

✓ 3.1 **Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.

✓ 3.1.1 **2015 or newer class 8 Day Cab Tandem Tractor** *2016 Mack CXU613*

✓ 3.1.1.1 Wheelbase must accommodate a 48 foot reefer trailer.

✓ 3.1.1.2 Engine must be compatible with Cummins ISx15 or Detroit DD15 or equal, minimum HP 450 to maximum HP 500, Jacobs engine brake or equivalent. **No Exhaust Engine Brake**, Engine Block heater 1500 watts-min, exhaust single vertical stainless steel from motor with guard. *MAK MP 8 - 445C 445 HP*

✓ 3.1.1.3 Transmission must be 13 speeds or equivalent. *1760 lb ft torque*

✓ 3.1.1.4 Cab Interior and Exterior must have Air conditioner with heat and filter.

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- ✓ 3.1.1.5 Full gauge package, Power windows both sides, Mirrors—remote controlled with built in convex and heated, minimum 10 inch convex mounted on LH & RH front fender or hood.
 - ✓ 3.1.1.6 Radio—AM-FM-CD and blue tooth, prewired for CB Radio including dual mounted antenna's on mirrors.

 - ✓ 3.1.1.7 Driver seat Bostrom high profile (910 or BAJH) or equal, no air seat on passenger side.
 - ✓ 3.1.1.8 Sun visor—Interior both sides padded.
 - ✓ 3.1.1.9 Power steering, Tilt & telescopic steering & smallest steering wheel available for unit with Cruise control.
 - ✓ 3.1.1.10 Anti-sail mud flaps with stainless mounts.
 - ✓ 3.1.1.11 Roof mounted air deflector not to exceed 12.5' total truck height.
 - ✓ 3.1.1.12 Cat walk mounted behind cab, all pigtails spring mounted on back of cab with glad hand mount, 12volt pigtail to charge lift gate on trailer.
 - ✓ 3.1.1.13 Stainless front bumper.
 - ✓ 3.1.1.14 Fuel Tanks must be Minimum 100 gallon LH & 100 gallon RH aluminum. With stainless mounts and straps. *LH 117; RH 93
210 gallons total*
 - ✓ 3.1.1.15 Front Axle must be Minimum 12,000 pound capacity. Step back for tight turning springs: Flat leaf or taper leaf.
 - ✓ 3.1.1.16 Rear Axle must be Minimum 40,000 pound capacity Tandem with driver controlled differential lock suspension: air ride with inside cab mount dump valve. Geared to maintain 70 MPH at 300-RPM below governor on engine.

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- ✓ 3.1.1.17 Tires & Wheels must be 11R22.5 Steer & 11R22.5 all season on rear (no low profile) 16 ply.
 - ✓ 3.1.1.18 Wheels: Alloy.
 - ✓ 3.1.1.19 Brakes must be "S" cam brakes with auto adjusters, Air dryer: Bendix "system guard" AD-9 or equal.
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- ✓ 3.1.1.20 Electrical must be Aluminum. Battery box & covers—12volt system.
 - ✓ 3.1.1.21 Fifth Wheel must be Fontain no-slack II, C7000 series with air slide 24 inch travel or equal.
 - ✓ 3.1.1.22 Warranty must be 3 year bumper to bumper.

4. CONTRACT AWARD:

- ✓ 4.1 **Contract Award:** The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages or on the commodity lines if bid electronically via the VSS system.
- ✓ 4.2 **Pricing Page:** Vendor should complete the Pricing Page by listing the equipment make, model and cost along with any additional equipment fees. Vendor should complete the Pricing Page, or commodity lines in full as failure to complete in its entirety may result in Vendor's bid being disqualified.

Notwithstanding the foregoing, the Purchasing Division may correct errors as it deems appropriate.

5. PAYMENT:

- ✓ 5.1 **Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

6. DELIVERY AND RETURN:

✓ **6.1 Shipment and Delivery:** Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order. Vendor shall deliver the Contract Items within 180 Days working days after receiving the purchase order. Contract Items must be delivered to Agency at 4496 Cedar Lakes Road, Ripley, WV 25271.

✓ **6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if the shipment of the Contract Items will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the Contract, and/or obtaining the Contract Items from a third party.

Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division.

✓ **6.3 Delivery Payment/Risk of Loss:** Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location.

✓ **6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

✓ **6.5 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

EXHIBIT A

PRICING PAGE

Item No.	Description	Model No/Brand Name	Quantity	Unit Price	Extended Amount
1	2015 Class 8 Day Cab Tandem Tractor 2016	CXU613/Mack	1	\$105,649	\$105,649
2	Additional Fees:				—
	Failure to use this form may result in disqualification				
	Bidder / Vendor Information			GRAND TOTAL	\$105,649
Name:	Worldwide Equipment Inc				
Address:	Lewis County Industrial Park Jane Lew WV 26378				
Phone:	304-884-7815 Jane Lew 800-879-3039 / cell 859-333-8602 Scott S. Petar, Director of Government & Municipal Sales				
Email Address:	Scott.petar@thetruckpeople.com				
Authorized Signature:					



CHASSIS SPECIFICATIONS SUMMARY

October 21, 2014

2016 MACK CXU613

REFRIGERATED VAN . . On Hwy
TRACTOR FOR 5TH WHEEL

Engine	MACK MP8-445C 445HP	Transmission	RTLO-18913A
		Clutch	CL39DC13 EATON
Front Axle	12,000# FXL12	Rear Axle	40,000# MT-40-14X4C Ratio 3.55
Suspension	12,000#	Suspension	40,000# MAXLITE
Tires	Front: 11R22.5 Rear: 11R22.5	Wheels	22.5x8.25 STEEL DISC (10-HOLE) 22.5x8.25 STEEL DISC (10 HOLE)
Ratings	GVW: 52,000# GCW: 80,000#	Fuel Tanks	LH: 117gal RH: 93gal
Fifth Wheel	BRACKET HEIGHT 8.25" FONTAINE SL7LWB SERIES	Sleeper	

PRICING SUMMARY

	<u>List Price</u>
CHASSIS BASE	\$194,066.00
Factory Options	\$9,138.00
Allison Pricing	\$0.00
Freight	\$2,100.00
Less Additional Factory Rebate	
Sales Allowances	
TOTAL FACTORY	\$205,304.00
Locally Installed Options	\$3,300.00
Soft Products/Bulldog Protection Plans	\$0.00
TOTAL FACTORY & LOCAL	\$208,604.00
Less Customer Discount from List	\$102,694.38
SELLING PRICE (Excluding Taxes/Fees/Trade)	\$105,909.62
Less Trade Allowances per New Vehicle	\$0.00
QUOTED PRICE OR TRADE DIFFERENCE	\$105,909.62
Surcharge	\$0.00
Net FRET or Canadian GST Taxes	\$0.00
Tire Tax Credit (Municipal Only)	(\$260.62)
Sales/Usage Taxes	\$0.00
License/Title/Etc.	
Misc Fees not subject to FRET	
ACQUISITION COST (Include Trade if applies)	\$105,649.00
Less Down Payment	
BALANCE DUE Per Unit	\$105,649.00
PRICE (Total Order)	\$105,649.00
BALANCE DUE (Total Order)	\$105,649.00

Total Quantity: 1

Estimated Total Weight: 16,840#

Reference#: AIYE007816A

X _____
Prepared For: **Customer Signature** **Date**
State of West Virginia, Purchasing Division
2019 Washington Street East
Charleston, WV 25305
Phone: 304-558-0468
Fax: --

X _____
Presented By: **Dealer Signature** **Date**
Scott Pekar
Worldwide Equipment Inc.
945 Nandino Drive
Lexington, KY 40511
(800) 879-3039
scott.pekar@thetruckpeople.com
www.thetruckpeople.com



Prepared For:

State of West Virginia Purchasing Division
 2019 Washington Street East
 Charleston, WV 25305
 (304) 558-0468

Presented By:

Worldwide Equipment Inc.
 945 Nandino Drive
 Lexington, KY 40511
 (800) 879-3039
 scott.pekar@thetruckpeople.com
 www.thetruckpeople.com

Oct 21, 2014
 2016 CXU613
 Ref#: AIYE007816A

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES, WEST VIRGINIA Opt
 LANGUAGE, ENGLISH Std
 IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08 Std
 TYPE OF SERVICE, MUNICIPAL Opt
 VEHICLE APPLICATION CLASS, ON-HIGHWAY CLASS "A" - Unlimited operation on concrete, asphalt, or maintained gravel/packed dirt with a maximum 3% grade; limited operation on concrete, asphalt, or maintained gravel/packed dirt with maximum 8% grade. No operation on unmaintained surfaces. (3 AXLES) 64,000 lbs (29,030 kg) MAX GVW. (4 AXLES) 80,000 lbs (36,288 kg) MAX GVW. Opt
 CARRIER APPLICATION, VENDOR CARRIER Std
 VEHICLE TYPE, TRACTOR FOR 5TH WHEEL Std
 VEHICLE USE AND BODY/TRAILER TYPE, REFRIGERATED VAN . . On Hwy
 80000# (36287 kg) GCW RATING Opt
 BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 76M (250FT) Std
 PRICE BOOK LEVEL, 2016A PRICE BOOK LEVEL Std
 PRODUCT TYPE, PRODUCT TYPE - CMM64T TRACTOR Opt
 PRODUCT CLASS, PRODUCT CLASS 28 Opt
 BACK OFFICE PROCESS, BACK OFFICE PROCESS Std

OPERATING CONDITIONS

TOPOGRAPHY, GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8% Opt
 TRANSPORTAION CYCLE, LONG HAUL Opt
 ROAD CONDITION, WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE Opt
 AMBIENT TEMPERATURE UPPER LIMIT, AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR Opt

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CXU603 6-WHEEL TRACTOR Std

ENGINE/TRANSMISSION/CLUTCH

SUPER ECONODYNE PACKAGE, W/O SUPER ECONODYNE PACKAGE Std
ENGINE, MACK MP8-445C 445 HP @1400-1700 RPM (PEAK) 1760 LB FT. MAX TORQUE @ 1100-1300 RPM Opt
 TRANSMISSION, 13 SPEED MANUAL, FULLER RTLO-18913A (12.31/0.73) Opt
 CLUTCH, MANUAL ADJUSTING, CL39DC13 EATON ADVANTAGE EZ-PEDAL, 9-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH, 6 PADDLES, MANUAL ADJ Opt

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE Std
 EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC PASSIVE REGEN Std
 DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH Std
 EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT Std
FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF Std

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM Std
 ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE Std
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES Std
 TO -34 DEGREES F (-37 DEGREES C) Std

Description

MACK COOLANT CONDITIONER	Std
EMERGENCY ENGINE STOP, WITHOUT EMERGENCY STOP	Std
ENGINE BRAKE, MACK POWERLEASH	Opt
ENGINE BLOCK HEATER, 120V 1500 WATT ENGINE BLOCK HEATER	Opt
FAN DRIVE, BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE	Opt
FLYWHEEL HOUSING, ALUMINUM	Std
FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)	Std
HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES	Std
OIL PAN, OIL PAN	Std
OIL PAN HEATER, W/O OIL PAN HEATER	Std
STARTER, 12 VOLT DELCO 39MT-MXT	Std
TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK	Std
LOADSENSE, W/O LOADSENSE TORQUE LIMITATION	Std
TRANSMISSION EQUIPMENT/DRIVELINES	
CLUTCH ASSIST (AIR), MECHANICAL CABLE	Opt
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD	Opt
TRANSMISSION SHIFT SETTINGS, W/O TRANSMISSION SHIFT SETTINGS	Opt
TRANSMISSION PTO1 SPLITTER RANGE, W/O PTO1 FOR SPLITTER RANGE	Opt
TRANSMISSION PTO2 SPLITTER RANGE, W/O PTO2 SPLITTER RANGE	Opt
TRANSMISSION BELL HOUSING, IRON	Opt
WITHOUT TRANSMISSION OIL COOLER	Std
SYNTHETIC LUBRICANT - TRANSMISSION, 50W (SYNTHETIC LUBRICANT)	Opt
VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE	Std
DRIVELINE - MAIN, MERITOR 18 MXL "XTENDED LUBE"	Opt
DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"	Opt
AERODYNAMIC DEVICES	
ROOF FAIRINGS/SIDE SHIELDS, ROOF FAIRING, BRACKETRY/FIBERGLASS FAIRING PIECES INCLUDED (ROOF PIECES NOT INSTALLED)	Opt
CHASSIS FAIRINGS, WITHOUT CHASSIS FAIRINGS	Std
GROUND EFFECTS, WITHOUT GROUND EFFECTS	Std
CAB (A thru G)	
MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT	Std
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR	Std
CAB, LH-STEER CA68 CONV CAB	Std
CERTIFIED WEIGHT	Std
PARK BRAKE AND ENGINE RUNNING ACTIVATED	Std
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED	Std
VISIBILITY DOOR	Std
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES	Std
GAUGES, ENGLISH/METRIC DISPLAY	Std
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE	Std
GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER	Opt
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS	Std
GRAB HANDLES, BRIGHT FINISH GRAB HANDLES IN LIEU OF BLACK ON CAB EXTERIOR	Opt
CAB (H thru R)	
HEADLINER, VINYL COVERED FOAM PADDED HEADLINER	Opt

Description

HOOD INSULATION	Std
PAINTED HOOD LATCHES	Std
HORN - AIR, (1) BLACK TWIN TRUMPET	Inc
HORN - ELECTRIC, SINGLE TONE	Std
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, FLUSH MOUNTED	Inc
IN-DASH STORAGE, W/O UPPER STORAGE OPTION	Std
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON STALK CONTROL	Std
INTERIOR TRIM (CUSTOM - SLATE GRAY) 3 overhead storage compartments w/nets, rear panel storage pouch w/2 trash bag hooks, diamond pattern fabric on doors vinyl padded interior sun visor both sides, adjustable tilt/telescoping steering column, 2 overhead dome lights, 1 driver overhead spot light & 1 map non-glare overhead spot light, 2 12V power outlets, 2 cup holders, 2 coat hangers, RH center storage compartment, both door MTD storage pouches, lighted door MTD, map pocket lights.	Opt
CHASSIS KEYED AT RANDOM - 2 KEYS	Std
MIRRORS - EXTERIOR, AERO MIRROR, BODY COLORED, RH & LH HEATED AND MOTORIZED WITH INTEGRATED CONVEX MIRROR	Opt
MIRRORS - CONVEX TYPE HOOD/FENDER, ROUND BRIGHT FINISH FENDER MTD W/SS ARMS AND BRACKETS R.H. & L.H.	Opt
MIRRORS - CONVEX TYPE CAB DOORS, WITH AERO MIRRORS	Std
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS W/NET	Inc
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH	Std
48" ANTENNA RIGHT SIDE MIRROR MOUNTED	Std
PROVIDE MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE	Opt
CAB (S thru Z)	
SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION	Inc
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION	Inc
SEAT COVERING, CLOTH W/VINYL TRIM DRIVER AND RIDER	Inc
SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT WITH FIXED D-RING FOR DRIVER AND RIDER SEATS	Std
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE	Std
STEERING WHEEL, TWO SPOKE URETHANE GRIP BRUSHED NICKEL SPOKES, BRUSHED CHROME MACK HORN CAP	Inc
STORAGE POUCH REAR	Std
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER	Std
TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS	Std
WINDOW CONTROLS, POWER WINDOW LIFT WITH ELECTRIC DOOR LOCK, LH & RH	Opt
WINDSHIELD, 2-PIECE WINDSHIELD	Std
CAB - SLEEPER BOX	
COMMUNICATIONS SYSTEMS	
GUARDDOG CONNECT W/3G AND WLAN SYSTEM W/DIAGNOSTIC	Std
FRAME EQUIPMENT/FUEL TANKS	
BUMPER - FRONT, STAINLESS STEEL CLAD ALUMINUM FLUSH MTD 117.3"/2980 mm BBC (CORPORATE 94" x 15.5")	Opt
CROSSMEMBERS, STEEL	Std
BOXED AND TAPERED CROSSMEMBER	Std
FIFTH WHEEL, AIR SLIDE - LH RELEASE (BOLTED TO OUTBOARD MTG ANGLES), FONTAINE SL7LWB SERIES, BRACKET HEIGHT 8.25"	Opt

Description

5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES	Std
FLAPS - WHEEL (FRONT), BLACK SPRAYGUARD ANTI-SPRAY TYPE	Opt
FLAPS - MUD (REAR), MACK BULLDOG TYPE, WHITE ANTI-SPRAY TYPE	Opt
MUD FLAP BRACKETS, BETTS B60S (ANGLED) STAINLESS STEEL W/INTEGRATED REFLECTIVE TAPE	Opt
QUARTER FENDERS, STAINLESS STEEL QUARTER FENDERS	Opt
TOWING DEVICE - FRONT, (2) CLEVIS	Std
TOWING DEVICE - REAR, W/O REAR TOWING DEVICE	Std
W/O REAR TOWING DEVICE	Std
FUEL TANK - LH, 117 GALLON (442 L) 26" ALUMINUM ROUND	Opt
FUEL TANK - RH, 93 GALLON (350L) 26" ALUMINUM ROUND	Opt
BRIGHT FINISH ALUMINUM STEPS & STAINLESS STEEL BRIGHT FINISHED STRAPS	Opt
18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD	Std
PAINTED FINISH DEF TANK COVER	Std
NYLON TUBE	Std
DUAL DRAW AND RETURN FUEL SYSTEM	Std
FRONT AXLE/EQUIPMENT/TIRES	
FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS	Std
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 16 H R268 ECOPIA (ALL POSITION)	Opt
WHEELS - FRONT, STEEL DISC (10-HOLE)	Opt
(2) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC) (TWO HAND HOLE)	Opt
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER	Std
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED	Std
DUST SHIELDS - FRONT BRAKE, OMIT	Std
HUBS - FRONT, FERROUS	Opt
FAG SCHAEFFLER, FRONT GREASE SEAL	Std
DOUBLE ACTING TYPE	Std
SLACK ADJUSTERS - FRONT, MERITOR - AUTOMATIC	Opt
SPRINGS - FRONT, MACK TAPERLEAF HD 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)	Std
STEERING, TAS-65 TRW INTEGRAL POWER	Std
SYNTHETIC LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT	Std
REAR AXLE/EQUIPMENT/TIRES/RATIOS	
REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR MT-40-14X4C AMBOID (HIGH ENTRY), MT-40-14XC WITH MAXLITE 40 EZ (GEN 2) 40000#	Std
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G M726EL (TRACTION)	Opt
CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 3.55 RATIO	Opt
WHEELS - REAR, STEEL DISC (10 HOLE)	Opt
(8) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC)(TWO HAND HOLE)	Opt
BRAKES - REAR, BENDIX ES165-07L, 16.5x7 STAMPED SPIDER	Std
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED	Std
DUST SHIELDS - REAR BRAKE, OMIT	Std
HUBS - REAR, CONMET IRON HUBS W/PRESET BEARINGS & SEALS	Opt
PREMIUM HUB OIL REAR SEAL	Std
POWER DIVIDER LOCKOUT	Std
SHOCK ABSORBERS - (4), MOUNTED ON FORWARD AND REAR AXLES EACH SIDE	Inc
W/O SHOCK INSULATORS	Std

Description

SLACK ADJUSTERS - REAR, MERITOR - AUTOMATIC	Opt
SUSPENSION - AXLE SPACING, 52" AXLE SPACING (BOGIE WHEELBASE)	Std
SUSPENSION - HEIGHT CONTROL KIT, AIR SUSPENSION HEIGHT CONTROL KIT (W/DUMP VALVE AND CONTROL)	Std
AIR SUSPENSION DUMP WARNING, AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER	Std
SPRING BRAKE CHAMBERS - VENDOR, HALDEX "LIFE SEAL" TYPE	Opt
REAR SPRING BRAKE CHAMBERS 30/30 TYPE	Std
LUBRICANT - TANDEM REAR AXLE, 75W - 90 (SYNTHETIC LUBRICANT) - SYNTHETIC	Opt
TRANSVERSE TORQUE RODS (BOTH AXLES)	Inc
DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK FRT RR AXLE, MANUAL AIR VALVE W/WARNING LIGHT.	Opt
FRAME/WHEELBASE/PLATFORM	
WHEELBASE, 197" (5010 mm) WB 132" CA (3347 mm)	Opt
PLATFORM, 194" LP (4927 mm) 62" AF (1580 mm) USED WITH 197" WB	Opt
FRAME RAILS, 10.47" x 3.54" x .28" (266 x 90 x 7mm) STEEL Section Modulus: 13.3 cu in/RBM 1,600,000 in lbs per rail	Opt
AIR/BRAKE	
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER	Std
ANTI-LOCK BRAKE SYSTEM, MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL	Std
ATC DISABLE SWITCH, W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH	Std
W/O COLLISION WARNING SYSTEM	Std
WITHOUT ACB VOLUME LEVEL	Std
BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK	Std
DRAIN VALVES, MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY	Std
HAND CONTROL VALVE FOR TRAILER BRAKES	Std
WITHOUT SPRING BRAKE INVERSION VALVE	Std
LOW PROFILE DECK PLATE (Useable CA, 112"-129")	Opt
TRAILER CONNECTIONS	
TRAILER AIR CONNECTIONS, TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB	Std
TRAILER AIR HOSES (12 FT NON-COILED TYPE)	Std
GLAD HAND COUPLINGS - NORTH AMERICAN STD	Std
TRAILER ELECTRICAL CORD (12 FT NON-COILED TYPE)	Std
ELECTRICAL	
BATTERY BOX COVERS, POLISHED ALUMINUM	Opt
BATTERY BOX - MOUNTING, (4) BATTERY MAX, MTD LHS LOWER UNDER CAB, PARALLEL TO FRAME W/STEPS AND W/AIR RESVR. MTD BELOW	Std
CHASSIS & POWER HARNESS WITH STANDARD CASING	Std
TRIPLES TRAILER ELECTRICAL PACKAGE INCLUDES: 12 GAUGE WIRE FOR TURN SIGNALS, 12 GAUGE WIRE AND 30 AMP CIRCUIT W/RELAY FOR CLEARANCE AND MARKER LAMPS, 10 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR STOP LAMPS, 12 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR TAIL LAMPS, AND 8 GAUGE WIRE FOR GROUND	Std
ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED	Std
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING	Std
TRAILER HOOK-UP LIGHT, SINGLE, SURFACE MOUNTED, INCANDESCENT	Opt
PAINT/VINYL STRIPING	
PAINT/VINYL STRIPING - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)	Std
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT	Std
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)	Std

Description

PRE-FINISHED POWDER COAT WHITE	Opt
PRE-FINISHED POWDER COAT WHITE	Opt
PAINT PROCESS CODES	
W/O PAINT FOR BUMPER (5ZB-Z1X)	Inc
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)	Inc
W/O PAINT FOR FUEL TANK (7HB-Z1X)	Inc
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)	Inc
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)	Inc
PTO/SPECIALTY/ADDITIONAL EQUIPMENT	
W/O OPTIONAL TRANS TORQUE CONVERTER	Std
V-MAC IV PROGRAMMABLE PARAMETERS	
CUSTOMER VEHICLE LIMITING SPEED (MPH) 70 mph	
PEDAL ROAD SPEED LIMITER (MPH) 70 mph	
LGVLS FEATURE ACTIVATION Omit	
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph	
SOFT RSL Omit	
PDLO ENGAGED VLS FEATURE Furnish	
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm	
CRUISE CONTROL SETTINGS W/O ALLISON TRANS	Std
CRUISE CONTROL MAX SET SPEED (MPH) 70 mph	
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph	
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish	
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 3 mph	
SMOOTH CRUISE Omit	
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm	
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm	
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph	
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph	
IDLE LOGGING DELAY (MIN) 2	
Monthly Trip Summary	
PERIODIC TRIP HOUR OF DAY 0 (disable)	
PERIODIC TRIP DAY OF WEEK 0 (disable)	
PERIODIC TRIP DAY OF MONTH 1	
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH	Std
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00	
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph	
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level	
FLEET MANAGEMENT VIA CO-PILOT Omit	
EHT MAX ENGINE SET SPEED (RPM)	
2100 rpm	
EHT MIN ENGINE SET SPEED (RPM) 700 rpm	
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph	
EHT RAMP RATE (RPM/Sec)	
EHT SINGLE SPEED CONTROL ACTIVATION Omit	
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm	
EHT JUMP-TO-MIN SET SPEED Omit	

Description

EHT HOLD TO NEAREST RPM 50 rpm
 EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
 EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
 ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
 ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
 ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
 ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
 ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
 ALLOW FAN OVERRIDE WHEN PARKED Omit
 FAN ACTIVATION WITH PTO Omit
 FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002) Std
 FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
 FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
 FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
 FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
 FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
 FEI DISTANCE CALCULATION INTERVAL (Miles) 00
 GOVERNOR SETTINGS FOR USE WITH MANUAL TRANSMISSIONS Inc
 GOVERNOR TYPE Min-Max Governor
 ENGINE HIGH IDLE SPEED IF STOPPED 0000
 VEHICLE ACCELERATION LIMITING FEATURE Disable
 REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
 ENGINE RPM LIMIT IN UPPER GEARS 0000
 1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
 LAST TRANS RATIO FOR FULL HIGH IDLE 0000
 ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
 DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
 SMART IDLE FEATURE ACTIVATION Omit
 SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
 IDLE S/D ABS TAMPER CHECK Omit
 IDLE COOLDOWN FEATURE ACTIVATION Furnish
 IDLE SHUTDOWN FEATURE ACTIVATION Omit
 IDLE SHUTDOWN TIME (MINS) 10
 IDLE SHUTDOWN WARNING TIME (SECS) 30
 IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
 IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
 IDLE S/D OVERRIDE W/EHT Omit
 IDLE S/D OVERRIDE W/PTO Furnish
 IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
 IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
 IDLE S/D CONTROL W/O Idle Shutdown
 IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
 IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
 MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
 MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Highway
 MAINTENANCE DUE WARNING PERCENT 90

Description

PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm	
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm	
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph	
PTO 1 RAMP RATE (RPM/Sec) 100	
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit	
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm	
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit	
PTO 1 JUMP-TO-MIN SET SPEED Omit	
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph	
PTO 1 HOLD TO NEAREST RPM 50 rpm	
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm	
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm	
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm	
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm	
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph	
PTO 2 RAMP RATE (RPM/Sec) 100	
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit	
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm	
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit	
PTO 2 JUMP-TO-MIN SET SPEED Omit	
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph	
PTO 2 HOLD TO NEAREST RPM 50 rpm	
PTO 2 ACCEL-DECEL BUMP-UP RPM 50 rpm	
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm	
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish	
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50	
TIME GAP SETTING, WITHOUT TIME GAP SETTINGS	Std
DEALER INFORMATION	
ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10	Std
PILOT INSPECTION, WITHOUT PILOT INSPECTION	Opt
PREP FOR DELIVERY	
3 YEAR BUMPER TO BUMPER WARRANTY	
STANDARD SHIPPING INSTRUCTIONS	Std
SOFT PRODUCTS/BULLDOG PROTECTION	
2 YEARS COVERAGE	Std
NO PARTNERED SERVICES PROVIDED	Std

STANDARD TRUCK WARRANTY CERTIFICATE



Mack Trucks, Inc. warrants certain individual components of the new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods as specified, provided all Mack Trucks, Inc.'s maintenance and inspection requirements found in the Operator's Manuals and service manuals/instructions are followed. All warranty periods are calculated from date in service. All coverage is 100% for parts and labor except as noted.

LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE REVERSE SIDE OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This warranty applies to **Model Year 2014** and newer CHU, CXU, GU, LEU, MRU and TD models manufactured by Mack Trucks, Inc. with **EPA2010 (and newer) Engine Emissions** operated in the United States and Canada. Specific coverage is based on the application and weight class as described in the following chart:

	Standard NORMAL DUTY	Standard HEAVY DUTY	Standard SEVERE DUTY
Typical Vocations	Line / Long Haul, Short Haul, or Pickup & Delivery	Heavy Line Haul, Construction, Refuse, Fire or Rescue Service	Heavy Construction, Heavy Refuse, Off- Road, Heavy Haul, Mining, Logging, or Oil Field
Weight Class Qualifications	Vehicle must have GVWR ≤ 63,000 lbs. (≤ 28 metric tons) or GCWR ≤ 110,000 lbs. (≤ 50 mt.)	Vehicle must have GVWR ≤ 80,000 lbs. (≤ 36 mt.) or GCWR ≤ 143,000 lbs. (≤ 65 mt.)	Vehicle must have GAWR > 46,000 lbs. (> 21 mt.) or GVWR > 80,000 lbs. (> 36 mt.) or GCWR > 143,000 lbs. (> 65 mt.)
Basic Coverage	12 months or 100,000 miles (161,000 km)	12 months or 100,000 miles (161,000 km)	12 months or 100,000 miles (161,000 km)
Chassis Towing	Towing/Road Service coverage is limited to 90 days or 5,000 miles, whichever occurs first		Not Applicable
Air Conditioning	Air conditioning (sealed system only) is covered for 12 months with no mileage limitation.		
Engine / Emission	Not covered under this warranty certificate. See respective engine manufacturer's warranty certificate and paragraph 14 on the reverse side.		
Transmission, Driveline, Rear Axle, Front Non-Drive Steer Axle	36 months or 350,000 miles (563,000 kilometers) Covered Components are as follows: • Manual Transmission-Transmission assembly • Rear Axle-Differential carrier assembly & axle housing • Front Non-Drive Steer Axle-Axle beam, steering knuckle, & tie rod • Driveline-Bearings, hangers & shafts		12 months or 100,000 miles (161,000 km)
	Allison Automatic Transmissions are not covered under this warranty certificate. See paragraph 15 on the reverse side.		
Mack Carrier & Axle Housing	60 months or 500,000 miles (805,000 km)	36 months or 300,000 miles (483,000 km)	12 months or 100,000 miles (161,000 km)
Mack T300 Transmission	60 months or 750,000 miles (1,207,000 km)	36 months or 400,000 miles (644,000 km)	12 months or 100,000 miles (161,000 km)
mDrive Transmission	Engine Torque ≤ 1760 ft/lb: 60 months or 750,000 miles (1,207,000 km) Engine Torque > 1760 ft/lb: 36 months or 500,000 miles (805,000 km)	36 months or 250,000 miles (402,000 km)	12 months or 100,000 miles (161,000 km)
mDrive Clutch	36 months or 300,000 miles (480,000 km)	36 months or 250,000 miles (402,000 km)	12 months or 100,000 miles (161,000 km)
mDrive & T300 Towing	Towing and Roadside Assistance on warrantable failures are covered for 24 months or 250,000 miles whichever occurs first		Not Applicable
Trunnion Bracket	36 months or 300,000 miles (483,000 km) Limited to Trunnion Bracket & Spindle, Suspension Trunnion (Except Bushings)		12 months or 100,000 miles (161,000 km) (same restrictions as Normal & Heavy)
Cab Structure	60 months or 500,000 miles (805,000 km)	24 months or 200,000 miles (322,000 km)	12 months or 100,000 miles (161,000 km)
Internal Cab Corrosion	60 months or 500,000 miles (805,000 km)	60 months or 500,000 miles (805,000 km)	60 months or 500,000 miles (805,000 km)
	Covered only where metal is perforated from the inside to the outside. See paragraph 14 on the reverse side.		
Frame Rail / Crossmembers	60 months or 500,000 miles (805,000 km) CHU/CXU Models Only: 72 months or 750,000 miles (1,207,000 km)	36 months or 300,000 miles (483,000 km) GU Model only: 60 months or 500,000 miles (805,000 km)	12 months or 100,000 miles (161,000 km)
Noise Emission	LIFE OF VEHICLE: Mack Trucks, Inc. warrants to the first purchaser of this vehicle for purposes other than resale, and to each subsequent purchaser, that this vehicle was designed, built and equipped to conform, at the time of sale to such first purchaser, with all applicable U.S. EPA noise control regulations. This warranty is not limited to any vehicle particular part, component, or system of the vehicle. Defects in the design, assembly or any part, component or system of the vehicle which at the time of sale to such first purchaser, caused noise emission levels to exceed Federal standards are covered by this warranty for the life of the vehicle. EXCLUSIONS: Failures which arise as a result of tampering rather than from defects in the design, assembly, or any part, components, or system of the vehicle are not covered by this warranty.		

Mack Trucks, Inc. reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

LIMITATIONS – Mack Trucks, Inc.'s obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Mack Trucks, Inc. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty repairs do not constitute an extension of the original warranty period for the vehicle or any part thereof. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the vehicle must be made available, in a timely fashion during the coverage period, for repair.

NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.

EXCLUSIONS:

1. **REPAIR:** Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the truck must be made available, in a timely fashion during the warranty period, for repair. Failures resulting from the user's unreasonable delay in making the truck available, after being notified of a potential product problem, are not covered.
2. **DAMAGES:** Damages due to accidents, misuse, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance services are not covered. Damages due to failure to follow Mack Trucks, Inc.'s recommended service procedures are considered damages due to improper maintenance services.
3. **APPLICATION:** The selling dealer is responsible for the correct application and/or specification for a vehicle sold to a customer. Vehicle application problems, including but not limited to, replacement of incorrect axle or transmission gear ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle for a purpose of which it was not intended are not covered.
4. **ENVIRONMENTAL DAMAGE:** Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been effected by exposure to the elements or chemical influence including, but not limited to road salts/chemicals, industrial fall-out or the use of improper cleaners, polishes, and or waxes are not covered.
5. **GLASS:** Glass breakage and scratches are not covered unless positive physical proof of manufacturing responsibility is established.
6. **SUSPENSION PARTS:** Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and all greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
7. **ALTERATIONS:** Any vehicle or vehicle system repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks, Inc.'s sole judgment, its stability, durability, or reliability, is not covered.
8. **OPTIONAL EQUIPMENT:** Any part of the truck that fails, malfunctions or does not perform as a result of improper conversion or installation of special bodies or equipment by other manufacturers or suppliers is not covered.
9. **MAINTENANCE AND PARTS CONSUMED ("Consumables"):** Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine injection pump / transmission / brakes / linkages, as well as diagnosis, test time and all other adjustments, are not covered. Parts which are normally consumed or worn out during the vehicle's usual service life and customarily replaced during usual maintenance service are not covered or have limited coverage. These parts include, but are not limited to, the following:
NOT COVERED - Brake linings, clutch brake, clutch linings, mud flaps and brackets.
COVERED FOR 30 DAYS - Fluorescent lights or ballast, light bulbs, fuses, wiper blades and all filters (oil, fuel, air, etc.).
COVERED FOR 90 DAYS - Loose fasteners, leaking fittings or hose clamps.
COVERED FOR 12 MONTHS, OR 100,000 MILES (161,000 KM), WHICHEVER OCCURS FIRST - Cab suspension on models used in heavy duty applications, batteries, frame paint, sealed light assemblies, exhaust flex pipe, hose clamps, all rubber/nylon bushings or mounts, flexible hoses, all belts, shock absorbers (leakage only), wheel seals, and all grease lubricated points (including non-serviceable tie rods ends, king-pins, u-joints, spring pins, drag links, and the like.)
10. **ALIGNMENT:** Alignment of axle(s) and balancing of tires, including changing of axle camber, caster, toe and thrust angle settings are not covered.
11. **NON-GENUINE PARTS:** Any vehicle which has been repaired by use of parts and accessories, as well as major assemblies and exchange units, which do not meet factory standards and which cause a vehicle component or system to fail are not covered.
12. **TIRES:** Tires are covered by separate warranties given by their respective manufacturers.
13. **CAB STRUCTURE AND CORROSION:** Cab structural defects or cab corrosion that occurs in areas of the cab that have been previously damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
14. **VENDOR ENGINES AND AUTOMATIC TRANSMISSIONS:** The vendor engines and Allison automatic transmissions used in Mack trucks are warranted by their respective manufacturers and not by Mack Trucks, Inc. Refer to the engine and transmission manufacturers' warranty statements.
15. **ODOMETER READING:** Any vehicle in which the odometer has been disconnected or the mileage reading has been altered and/or the actual mileage cannot be readily determined is not covered.
16. **ACCESS TO INFORMATION:** The user must allow Mack Trucks, Inc. full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
17. **PREMIUM LABOR:** Labor for overtime and/or shift differential is not covered.
18. **EXCESSIVE LABOR:** Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
19. **MISC. EXPENSE:** Meals, lodging, electronic messaging equipment, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, or driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
20. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Mack Trucks, Inc. are not covered. During a warrantable repair, additional time to remove any customer installed bodies, components, and accessories will not be covered under warranty. Mack Trucks, Inc. factory manufacturing records will be determinative as to factory installed components.
21. **APPLICATION CHANGE OR CHANGE OF OWNERSHIP:** If at any time during the term of the original warranty there is a change in the application of the vehicle or a change in ownership, the owner must notify Mack Trucks, Inc., Post Office Box 26259, Greensboro, NC 27409 in writing and within 30 days of date of the change. Failure to provide such timely notice may result in the warranty becoming null and void. If the change in ownership is accepted by Mack Trucks, Inc. and/or the change in application does not affect coverage, Mack Trucks, Inc. will transfer any remaining applicable portion of the warranty to the new owner or for the new application.

MACK

Mack Trucks, Inc.
Post Office Box 26259
7825 National Service Road
Greensboro, North Carolina 27409

STANDARD EMISSIONS COMPONENT WARRANTY CERTIFICATE (EPA 2014)



Mack Trucks, Inc. warrants certain individual components of each new Mack MP7, MP8 and MP10 EPA 2014 emission engine in a new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Mack Trucks, Inc.'s maintenance and inspection requirements are followed. See your local authorized Mack dealer for recommended maintenance and inspection procedures. All warranty periods are calculated from the date in service of the vehicle. All coverage is 100% for parts and labor subject to the qualifications, limitations and exclusions as noted.

LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE FOLLOWING PAGES OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This warranty applies to new Mack MP7, MP8, and MP10 engines meeting EPA 2014 emission requirements in new Mack trucks operated in the United States and Canada and placed in service on or after **January 1, 2014**. Mack Trucks, Inc. reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on vehicles previously built.

Emissions Components Coverage: 60 months, or 100,000 miles (160,934 kilometers), whichever occurs first.

Emission Control System Warranty

Engine emission controls manufactured by Mack Trucks, Inc. are warranted to 60 months or 100,000 miles (160,934 kilometers), whichever occurs first. Vehicles sold for use in California must have the Operator's Manual in the vehicle which contains the California Emission System Warranty.

Mack Engine Oil Specifications and Oil Change Intervals

The owner is required to operate and maintain the Mack engine as directed in the Mack service manuals. See the Maintenance and Lubrication Manual (Preventative Maintenance Program and Lubricant Specifications) supplied with the vehicle at the time of purchase for details.

USE OF FLUIDS OTHER THAN API CERTIFIED DIESEL EXHAUST FLUID (DEF) WILL COMPROMISE AFTERTREATMENT SYSTEM PERFORMANCE, INCREASE EMISSIONS, AND MAY IMPACT THIS TRUCKS PRODUCT WARRANTIES.

SEE FOLLOWING TABLE FOR SPECIFIC COVERAGES:

Covered Emission Components List: 60 Months or 100,000 Miles	Qualifications and Limitations
Aftertreatment Control Module (ACM)	
Aftertreatment Diesel Particulate Filter (DPF) with Aftertreatment Diesel Oxidation Catalyst (DOC)	Includes: Aftertreatment Doser, Aftertreatment Fuel Shutoff Valve, Aftertreatment Fuel Pressure Sensor, Engine Exhaust Gas Temperature (EGT) Sensor, Aftertreatment DPF Intake Temperature Sensor, Aftertreatment DPF Outlet Temperature Sensor, Aftertreatment DPF Differential Pressure Sensor
Aftertreatment Wiring Harness (DPF)	
Aftertreatment Wiring Harness (SCR)	Includes: Jumper to AHI Pressure Regulator, ACM Power Supply, Heater NOx Care, DEF Tank
Charge Air Cooler (CAC)	
Crankcase Breather	Excludes: Crankcase Pressure Sensor
Crankcase Separator	
Crankcase Tubing & Hoses before Separator	
EGR Cooler	
EGR Valve and EGR Valve Control	
EGR Venturi	
Engine Control Module (ECM)	
Engine Turbocharger Assembly	Includes: Variable Geometry Turbo (VGT) Actuator
Exhaust Gas Piping	(From Turbocharger to Aftertreatment System)
Injectors	

Covered Emission Components List: 60 Months or 100,000 Miles	Qualifications and Limitations
Instrument Cluster	Limited to Repair of Microprocessor
Selective Catalytic Reduction (SCR)	Includes: Aftertreatment Selective Catalytic Reduction (SCR) Catalyst, Aftertreatment Diesel Exhaust Fluid (DEF) Pump (Aftertreatment DEF Dosing Absolute Pressure Sensor, Aftertreatment DEF Return Valve), Aftertreatment DEF Dosing Valve, Aftertreatment DEF Tank, Aftertreatment DEF Tank Heater/Sender, Aftertreatment DEF Tank Heater, Aftertreatment DEF Tank Heater Valve, Aftertreatment DEF Tank Temperature Sensor, Aftertreatment DEF Level Sensor, Aftertreatment DEF Heated Lines, Aftertreatment DEF Quality Sensor
Sensor, Aftertreatment Intake NOx	
Sensor, Aftertreatment Outlet NOx	
Sensor, Ambient Air Temperature Sensor	
Sensor, Crankshaft Position (CKP)	
Sensor, Engine Coolant Temperature (ECT)	
Sensor, Engine Exhaust Gas Recirculation (EGR) Differential Pressure Sensor	
Sensor, Engine Exhaust Gas Recirculation (EGR) Temperature	
Sensor, Intake Manifold Air Temperature/Pressure	
GHG Covered Component 24 months or 24,000 miles (38,625 KM)	Qualifications and Limitations
Tires	Drive and Steer Only: The first 24 months or 38,624 km (24,000 miles) of vehicle operation, whichever occurs first, and applying only to the first set of tires on the vehicle when delivered to the ultimate purchaser. Subject to the terms and conditions of the tire manufacturer's warranty, excluding retreads. Emissions related warranty coverage only, refer to the specific tire manufacturer's warranty policy for other term lengths.
GHG Covered Components 60 months or 100,000 miles (160,934 KM) (Only those vehicles certified as "Highway Tractors" according to the requirements of Chapter 40 of the Code of Federal Regulations, Part 1037	Qualifications and Limitations
Exterior Components	Limited to: Chassis Fairings, Ground Effect Extensions, Roof Deflectors, Cab Side Deflectors, Adjustable Roof Extensions, Side Deflector Extensions, Bumper Deflectors, A-pillar Deflectors
Air Conditioning Components	Limited to: A/C Compressor; A/C Condenser; A/C Pressure Switches and Transducers; Bunk Climate Unit; Hoses (Compressor to Condenser, Condenser to Drier, Drier to Climate Unit, Climate Unit to Compressor, Bunk Climate Unit); Main Climate Unit; Receiver Drier, Spring Loaded, 12 cubic inch

Mack Trucks, Inc. reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

LIMITATIONS: Mack Trucks, Inc.'s obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Mack Trucks, Inc. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty repairs do not constitute an extension of the original warranty period for the engine or any part thereof. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the engine must be made available, in a timely fashion during the coverage period, for repair.

**NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL,
INDIRECT OR INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.**

EXCLUSIONS:

1. **REPAIR:** Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the truck must be made available, in a timely fashion during the warranty period, for repair. Failures resulting from the user's unreasonable delay in making the truck available, after being notified of a potential product problem, are not covered.
2. **DAMAGES:** Damages due to accidents, misuse, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance services are not covered. Damages due to failure to follow Mack Trucks Inc.'s recommended service procedures are considered damages due to improper maintenance services.
3. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to covered part due to failure of non-covered part are not covered. Coverage is limited to failure of covered part directly causing failure of non-covered part, where operator took reasonable precautions to mitigate damages.
4. **APPLICATION:** The selling dealer is responsible for the correct application and/or specification for a vehicle sold to a customer. Vehicle application problems, including but not limited to, replacement of incorrect axle or transmission gear ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle for a purpose of which it was not intended are not covered.
5. **ALTERATIONS:** Any vehicle or vehicle system repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks, Inc.'s sole judgment, its stability, durability, or reliability, is not covered.
6. **OPTIONAL EQUIPMENT:** Any part of the truck that fails, malfunctions, or does not perform as a result of improper conversion or installation of special bodies or equipment by other manufacturers or suppliers is not covered.
7. **MAINTENANCE AND PARTS CONSUMED ("Consumables"):** Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine, injection pump, and all other adjustments, are not covered. Parts which are normally consumed or worn out during the engine's normal service life and customarily replaced during usual maintenance service including but not limited to filters are not covered after the first 30 days from the in-service date.
8. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (for example, low power and poor fuel economy) unless caused by the failure of a qualified part.
9. **OIL CONSUMPTION:** Before a claim for excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds the Mack published standards. Under no circumstances will warranty pay for excessive oil consumption after 24 months or 250,000 miles (402,000 km).
10. **WEAROUT:** Mack Trucks, Inc. does not cover normal wear of covered parts. Cylinder liner, piston and piston rings failures attributable to wear are specifically excluded from this warranty. The wear rate of parts in any engine, and especially those parts within the combustion area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
11. **NON-GENUINE PARTS:** Any vehicle which has been repaired by use of parts and accessories, as well as major assemblies and exchange units, which do not meet factory standards and which cause a vehicle component or system to fail, are not covered.
12. **VENDOR ENGINES:** The vendor engine used in certain Mack trucks are warranted by the engine's respective manufacturer and not by Mack Trucks, Inc. Refer to the engine manufacturer's warranty statement.
13. **ODOMETER READING:** Any vehicle in which the odometer has been disconnected or the mileage reading has been altered and/or the actual mileage cannot be readily determined is not covered.
14. **ACCESS TO INFORMATION:** The user must allow Mack Trucks, Inc. full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
15. **PREMIUM LABOR:** Labor for overtime and/or shift differential is not covered.
16. **EXCESSIVE LABOR:** Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
17. **MISC. EXPENSE:** Meals, lodging, electronic messaging equipment, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, or driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
18. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Mack Trucks, Inc. are not covered. During a warrantable repair, additional time to remove any customer installed bodies, components, and accessories will not be covered under warranty. Mack factory manufacturing records will be determinative as to factory installed components.

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Greensboro, North Carolina 27409

STANDARD ENGINE WARRANTY CERTIFICATE

(EPA2010 and newer)



Mack Trucks, Inc. warrants certain individual components of each new Mack MP7, MP8, and MP10 EPA 2010 and newer emission engine in a new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Mack Trucks, Inc.'s maintenance and inspection requirements are followed. See your local authorized Mack dealer for recommended maintenance and inspection procedures. All warranty periods are calculated from the date in service of the vehicle. All coverage is 100% for parts and labor subject to the qualifications, limitations and exclusions as noted.

LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE FOLLOWING PAGES OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This warranty applies to only new Mack MP7, MP8, and MP10 engines meeting EPA 2010 and newer emission requirements in new Mack trucks operated in the United States and Canada and placed in service on or after **January 1, 2010**. Mack Trucks, Inc. reserves the right to make the same changes in design, or make additions to or upon its products, without incurring any obligations to make the same changes on engines previously built.

Standard Mack Engine Components Coverage: 24 months or 250,000 miles (402,000 kilometers), whichever occurs first, unless otherwise noted.

Major Components Coverage: 60 months or 500,000 miles (805,000 kilometers), whichever occurs first.

Mack Engine Oil Specifications and Oil Change Intervals

The owner is required to operate and maintain the Mack engine as directed in the Mack service manuals. See the Maintenance and Lubrication Manual (Preventative Maintenance Program and Lubricant Specifications) supplied with the vehicle at the time of purchase for details.

USE OF FLUIDS OTHER THAN API CERTIFIED DIESEL EXHAUST FLUID (DEF) WILL COMPROMISE AFTERTREATMENT SYSTEM PERFORMANCE, INCREASE EMISSIONS, AND MAY IMPACT THIS TRUCKS PRODUCT WARRANTIES.

SEE FOLLOWING TABLE FOR SPECIFIC COVERAGES:

Covered Standard Components List: 24 Months or 250,000 miles	Qualifications and Limitations
Air Compressor	
Air Compressor Sprocket	
Bearings	All internal lubricated bearings and bushings only.
Camshaft, Caps and Bolts	Failures resulting from the valve and injector adjustments not being maintained properly are NOT covered. Normal maintenance adjustments are NOT covered.
Connecting Rods, Caps, and Bolts	
Coolant Duct Cover	
Crankcase Ventilation Assembly	
Crankshaft	
Crankshaft Hub	
Cylinder Block Casting, Main Caps & Bolts	
Cylinder Block Expansion Plugs	
Cylinder Block Heater	
Cylinder Head Casting and Bolts	
Cylinder Head Expansion Plugs	
Cylinder Head Gasket	
EGR (Exhaust Gas Recirculation) Components	All components including pipes, clamps, fittings, & gaskets. Excludes: EGR cooler vibration damper which is a maintenance item.
EGR Control Valve	
EGR Cooler	
EGR Mixing Chamber	

Covered Standard Components List: 24 Months or 250,000 miles	Qualifications and Limitations
EGR System Wiring Harness	
Electrical EA Harness Supplied with Engine	(From ECU to sensors and injectors).
Electronic Control Unit (ECU)	For the failure to be covered under <u>Emissions Components</u> , the failure must effect the emissions of the unit.
PowerLeash™ Engine Brake Mechanism	Includes: PowerLeash™ Control valve and Rocker arms. Factory installed only.
Diesel Particulate Filter Assembly (DPF) with Diesel Oxidation Catalyst (DOC)	Includes: After-treatment Hydrocarbon Injector (AHI), After-treatment Wiring Harness, After-treatment Control Module, Diffuser Pipe (AHI mounting), Fuel lines to AHI Injector, AHI Shutoff Valve, AHI Fuel Pressure Sensor, Discharge Recirculation Valve (Heat Mode), Discharge Recirculation Valve Solenoid, Pre-Catalyst Temperature Sensor, Post-Catalyst Temperature Sensor, Downstream DPF Temperature Sensor, Differential Pressure Sensor.
Diesel Particulate Filter Assembly (DPF) with Thermal Regenerator (TR)	Includes: Air Solenoid Valve, Atomization Block, After-treatment Wiring Harness, After-treatment Control Module, Ignition Coil, Fuel Pump/Shutoff Valve Assembly, Igniter (Spark Plug), Nozzle, Engine Exhaust Temperature Sensor, Filter Inlet Temperature Sensor, Filter Outlet Temperature Sensor, Flame Temperature Sensor, Differential Pressure Sensor.
Exhaust Manifold Casting	
Exhaust Manifold Joint Seals, Gaskets, Wraps or Rings	
Fan Belt Tensioner Assembly & Bracket	Excludes fan belt.
Flywheel	
Flywheel Housing	
Flywheel Ring Gear	Excludes failures caused by starter failure.
Fuel Filter Housing	
Fuel Injector Sleeves	Seals included.
Fuel Injectors	Adjustments <u>NOT</u> covered.
Fuel Pressure Regulator Valve	
Fuel Transfer Pump	
Gaskets, Seals, O Rings, Silicon Sealant	
Gears	All internal lubricated gears only.
Hoses and Lines, Supplied with Engine	Fluid carrying. Engine to engine mounted.
Idler Pulleys	
Intake Manifold	
Ladder Frame	
Oil Cooler Core	Engine oil cooler.
Oil Fill Tube and Cap	
Oil Filter Housing	
Oil Pan	
Oil Pump	
Piston Cooler	
Pistons, Rings and Liners	Wear out <u>NOT</u> covered.
Power Steering Pump	
Pre-heater	Factory installed only.
PTO Drive / REPTO (Rear engine mounted PTO Drive)	Factory installed only. Excludes all pumps or driven devices.
Rocker Arm Assembly and Shafts	Includes PowerLeash™ Rockers and non-PowerLeash™ rockers. Failures resulting from the valve and injector adjustments not being maintained properly are <u>NOT</u> covered. Normal maintenance adjustments are <u>NOT</u> covered.
Selective Catalytic Reduction (SCR)	SCR Assembly, DEF Pump Assembly (Pump Reverting Valve, Pump Pressure Sensor), DEF Injector, DEF Tank Heating Control Valve.
Sensor, Coolant Temperature	
Sensor, Crankcase Pressure	
Sensor, Crankshaft (Engine Timing)	
Sensor, DPF Temperature & Pressure	
Sensor, EGR Temp. and Pressure	
Sensor, Engine Oil Level and Temp.	
Sensor, Engine Oil Pressure	

Covered Standard Components List: 24 Months or 250,000 miles	Qualifications and Limitations
Sensor, Engine Position (Camshaft)	
Sensor, Fuel Pressure and Temperature	
Sensor, Humidity	
Sensor, Intake Boost Pressure and Temperature	
Sensor, NOx (SCR Inlet and Outlet)	
Sensor, Temperature & Pressure - Inlet Manifold Air	
Starter Motor	
Thermostat (Coolant)	
Thermostat Side Cover (Coolant)	
Timing Gear Cover and Plate	
Towing	Covered 24 mo/250k miles (402,000 kilometers)
Turbocharger Assembly	Includes the VGT Actuator Module.
Valve Assembly	Includes the valves, springs, keepers, guides, rotators and seats. Failures resulting from the valve adjustments not being maintained properly are <u>NOT</u> covered. Normal maintenance adjustments are <u>NOT</u> covered.
Valve Cover	
Valve Yokes (Bridge) and Pins	Failures resulting from the valve adjustments not being maintained properly are <u>NOT</u> covered. Normal maintenance adjustments are <u>NOT</u> covered.
Vibration Dampers and Bolts	Attached to the crankshaft or camshaft.
Water Pump Assembly	
Water Pump Housing	
Covered Major Components List: 60 Months or 500,000 Miles	Qualifications and Limitations
Camshaft, Caps and Bolts	Failures resulting from valve & injector adjustments not maintained properly are <u>NOT</u> covered. Normal maintenance adjustments are <u>NOT</u> covered.
Connecting Rods, Caps, and Bolts	
Coolant Pump Housing	
Crankshaft	
Cylinder Block Casting, Main Caps & Bolts	
Cylinder Head Casting and Bolts	
Exhaust Manifold Casting	
Flywheel Housing	
Intake Manifold	
Ladder Frame	
Oil Pump Drive and Driven Gears	
Thermostat Housing (Coolant)	
Timing Gear Cover and Mounting Plate	

Mack Trucks, Inc. reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.

THIS COVERAGE IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

LIMITATIONS: Mack Trucks, Inc.'s obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Mack Trucks, Inc. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty repairs do not constitute an extension of the original warranty period for the engine or any part thereof. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the engine must be made available, in a timely fashion during the coverage period, for repair.

NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL, INDIRECT, INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.

EXCLUSIONS:

1. **REPAIR:** Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack dealer upon discovery and the truck must be made available, in a timely fashion during the warranty period, for repair. Failures resulting from the user's unreasonable delay in making the truck available, after being notified of a potential product problem, are not covered.
2. **DAMAGES:** Damages due to accidents, misuse, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance services are not covered. Damages due to failure to follow Mack Trucks recommended service procedures are considered damages due to improper maintenance services.
3. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to covered part due to failure of non-covered part are not covered. Coverage is limited to failure of covered part directly causing failure of non-covered part, where operator took reasonable precautions to mitigate damages.
4. **APPLICATION:** The selling dealer is responsible for the correct application and/or specification for a vehicle sold to a customer. Vehicle application problems, including but not limited to, replacement of incorrect axle or transmission gear ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle for a purpose of which it was not intended are not covered.
5. **FUEL INJECTORS:** Damage to due to fuel injectors due to erosion caused by poor fuel quality is not covered.
6. **ALTERATIONS:** Any vehicle or vehicle system repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks, Inc's sole judgment, its stability, durability, or reliability, is not covered.
7. **OPTIONAL EQUIPMENT:** Any part of the truck that fails, malfunctions, or does not perform as a result of improper conversion or installation of special bodies or equipment by other manufacturers or suppliers is not covered.
8. **MAINTENANCE AND PARTS CONSUMED ("Consumables"):** Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine, injection pump, and all other adjustments, are not covered. Parts which are normally consumed or worn out during the engine's normal service life and customarily replaced during usual maintenance service including but not limited to filters are not covered after the first 30 days from the in-service date.
9. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (for example, low power and poor fuel economy) unless caused by the failure of a qualified part.
10. **OIL CONSUMPTION:** Before a claim for excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds Mack published standards. Under no circumstances will warranty pay for excessive oil consumption after 24 months or 250,000 miles (402,000 km), whichever first occurs.
11. **WEAROUT:** Mack Trucks, Inc. does not cover normal wear of covered parts. Cylinder liner, piston and piston rings failures attributable to wear are specifically excluded from this warranty. The wear rate of parts in any engine, and especially those parts within the combustion area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
12. **NON-GENUINE PARTS:** Any vehicle which has been repaired by use of parts and accessories, as well as major assemblies and exchange units, which do not meet factory standards and which cause a vehicle component or system to fail, are not covered.
13. **VENDOR ENGINES:** The vendor engine used in certain Mack trucks are warranted by the engine's respective manufacturer and not by Mack Trucks, Inc. Refer to the engine manufacturer's warranty statement.
14. **ODOMETER READING:** Any vehicle in which the odometer has been disconnected or the mileage reading has been altered and/or the actual mileage cannot be readily determined is not covered.
15. **ACCESS TO INFORMATION:** The user must allow Mack Trucks, Inc. full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
16. **PREMIUM LABOR:** Labor for overtime and/or shift differential is not covered.
17. **EXCESSIVE LABOR:** Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
18. **MISC. EXPENSE:** Meals, lodging, electronic messaging equipment, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, or driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
19. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Mack Trucks, Inc. are not covered. During a warrantable repair, additional time to remove any customer installed bodies, components, and accessories will not be covered under warranty. Mack factory manufacturing records will be determinative as to factory installed components.
20. **TOWING:** Towing and/or road service charges due to a failure of a non-covered component or from the result of an accident are not covered. Towing coverage is limited to a single tow per incident for covered vehicles that are accessible from a MAJOR paved highway and towed to the nearest authorized Mack service center when a vehicle is inoperable or continued operation would result in additional damage due to a component listed in the Plan's component coverage list.

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MACK TRUCKS INC., WARRANTY CERTIFICATE FOR ENGINE PROTECTION PLAN 2

(EPA 2014 and later)

Mack Trucks, Inc. ("Mack Trucks"), warrants certain individual components of each new Mack truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Mack Trucks maintenance and inspection requirements are followed. This extended coverage plan ("Protection Plan") provides additional coverage from failures of specified components or parts ("Covered Parts") that may occur after the Mack Standard Truck Warranty has expired and until the expiration of this Protection Plan. All warranty periods are calculated from date in service. This Protection Plan applies only to Mack trucks operated exclusively in the United States and Canada.

Mack Trucks' obligation under this Protection Plan is limited to, at its sole option, repair or replacement at a Mack Trucks authorized dealer of Covered Parts that are returned within the coverage period and acknowledged by Mack Trucks to be defective. Covered repairs must be performed by a Mack Trucks authorized dealer. All coverage is 100% for parts and labor except as noted. All parts replaced shall become the property of Mack Trucks.

This Protection Plan provides coverage for the following Covered Parts until the earliest to occur of the time/mileage/hours purchased, subject to the following Qualifications and Limitations.

Engine Protection Plan 2 Covered Parts List

Covered Parts	Qualifications and Limitations
Air Compressor	Includes: Sprocket and mounting bolts
Bearings	All internal lubricated bearings and bushings only.
Camshaft	Includes: Bushings, Forging, vibration damper and bolts
Connecting Rod	Includes: Assembly, Caps and Bolts
Coolant Duct Cover	
Coolant Pump	
Crankcase	Includes: Ventilation Assembly, Separator, Tubing and hoses before separator
Crankshaft	Includes Forging, vibration damper and bolts
Cylinder Block	Includes: Casting, Main Caps & Bolts
Cylinder Head	Includes Assembly, Casting and Cap Screws
EGR System	
Engine and sensor harness (EA Harness)	From Engine ECU to sensors and injectors
Continued on Page 2...	

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER INCLUDING, WITHOUT LIMITATION OF THE FOREGOING, CONSEQUENTIAL AND INCIDENTAL DAMAGES. MACK TRUCKS, INC. NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.

<p>This Warranty is subject to Mack Trucks' Standard Warranty Limitations and Exclusions, which are printed on page 3 of this Warranty Certificate and are available through a Mack Trucks authorized dealer.</p>

Engine Plan 2 Covered Parts List (Continued from Page 1)

Engine Plan 2 Covered Parts List	Qualifications and Limitations
Engine Brake Mechanism (Power Leash)	Includes: Control valve, Rocker arms, Rocker Lever, Roller Pin, Roller, Crosshead Pin, Crosshead, Including mounting Hardware and Gaskets. Factory installed only.
Engine Control Module (ECM)	
Engine Heat Shield	
Engine Mounted Sensors	
Exhaust Manifold	Includes: Casting, Joint seals, gaskets
Fan Belt Tensioner Assembly & Bracket	Excludes: Fan belt
Flywheel	Includes: Housing and Ring Gear
Fuel Filter Housing	
Fuel Injector	Includes: Sleeves, cap screws, retain and bolts. Excludes AHI / 7 th Injector
Fuel Pressure Regulator Valve	
Fuel Supply Pump	
Gaskets, Seals, O Rings, Silicon Sealant	
Gears	All internally lubricated gears only.
Hoses and Lines, Supplied with Engine	Fluid carrying. Engine to engine mounted.
Idler Pulley	
Intake Manifold Castings	
Ladder Frame	
Oil Cooler Core	Engine oil cooler.
Oil Fill Tube and Cap	
Oil Filter Housing	
Oil Pan	
Oil Pump	
Pistons, Rings, Liners and Cooler Nozzles	
Pre-heater	Factory installed only.
PTO Drive Housing / REPTO (Rear engine mounted PTO Drive)	Factory installed only. Excludes all pumps or driven devices.
Rocker Arm Assembly and Shafts	Includes: Rockers. Failures resulting from the valve and injector adjustments not being maintained properly will NOT be covered. Normal maintenance adjustments are NOT covered.
Tandem Pump (Fuel / Power Steering)	
Thermostat (Coolant)	Includes: Housing and Side Cover
Timing Gear Cover and Plate	
Turbo	
Valve mechanism and cover	Includes: valves, yokes (bridge), pins, springs, keepers, guides, rotators and seats.

Please find the Standard Warranty Limitations and Exclusions on Page 3.

MACK TRUCKS INC.'S ("MACK TRUCKS") STANDARD WARRANTY LIMITATIONS & EXCLUSIONS

1. **REPAIR:** In the case of acknowledged defective Covered Parts, exchange with factory remanufactured parts may occur. Warranty repairs do not constitute an extension of any warranty period for any vehicle, component or part.
2. **DAMAGES:** Damages due to misapplication, misuse, accidents, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, failure to follow Mack Trucks' recommended inspection, maintenance, and service procedures, and improper or insufficient maintenance services are not covered.
3. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to a Covered Part due to failure of non-covered part are not covered. Coverage is limited to failure of a Covered Part directly causing failure of a non-covered part, where reasonable precautions were taken to mitigate damages.
4. **APPLICATION:** The selling dealer is responsible for designating the correct application and/or specification for a vehicle sold to a customer. Damages due to misapplication, including but not limited to, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle, component or part for a purpose for which it was not intended are not covered.
5. **ALTERATIONS:** Any vehicle, component or part repaired, altered, or inspected in any way, so as to adversely affect, in Mack Trucks' sole judgment, its stability, durability, or reliability, is not covered.
6. **NON-ORIGINAL EQUIPMENT:** Any part of the vehicle that fails, malfunctions, or does not perform as a result of improper conversion or installation of bodies or equipment by other manufacturers or suppliers is not covered.
7. **MAINTENANCE AND PARTS CONSUMED:** Maintenance and inspection requirements found in the Operator's Manuals and service manuals/instructions, including, but not limited to, engine tune-up, fuel system cleaning, replacement of lubricants and filter elements, adjustments of the engine injection pump/transmission/brakes/linkages, as well as diagnosis, test time and all other adjustments must be followed and are not covered. Parts which are normally consumed or worn out during the vehicle's normal service life and customarily replaced during usual maintenance service are not covered.
8. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (including, but not limited to, low power and/or poor fuel economy). Coverage is limited to defects in material and workmanship of a Covered Part directly causing the performance issue.
9. **WEAROUT:** Mack Trucks does not cover normal wear of Covered Parts. Failures attributable to wear are excluded. For example and without limitation, the wear rate of parts in any engine or transmission, and especially those parts within the combustion area and clutch housing area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
10. **NON-STANDARD PARTS:** Any failure of any vehicle, component or part caused by the by use of parts and accessories, or major assemblies and exchange units, which do not meet factory standards is not covered.
11. **ODOMETER READING:** Any vehicle on which the actual mileage or hours cannot readily be determined, or on which the odometer, hour meter, or Electronic Control Unit has been disconnected, disabled, or altered, may not be covered by this warranty.
12. **ACCESS TO INFORMATION:** Owner must allow Mack Trucks full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
13. **LABOR:** Labor to remove and install a Covered Part is included only if a Mack Trucks authorized dealer originally installed the Covered Part. Labor for overtime and/or shift differential is not covered. Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
14. **MISC. EXPENSE:** Meals, lodging, communications charges, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
15. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Mack Trucks, including winches, power take-offs, dumper, mixer and refuse assemblies, hoists and bodies or other special equipment are not covered. Mack Trucks' factory manufacturing records will be determinative as to factory installed components.
16. **TOWING:** Unless expressly provided in this Warranty Certificate, expenses for towing or road service calls are not covered. Failures caused by improper towing technique are not covered.
17. **SUSPENSION PARTS:** Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
18. **CAB STRUCTURE AND CORROSION:** Cab structural defects or cab corrosion that occurs in areas of the cab that previously were damaged, repaired, altered or modified are not covered.
19. **ENGINES AND TRANSMISSIONS:** Engines and automatic transmissions that are not manufactured by Mack Trucks are warranted by their respective manufacturers and not by Mack Trucks. Refer to the engine and transmission manufacturers' warranty statements.
20. **OIL CONSUMPTION:** Before a claim based upon excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds Mack Trucks' published standards. Under no circumstances will warranty pay for repairs related to excessive oil consumption after the earlier of 24 months, 250,000 miles, 402,000 kilometers, or 6,250 engine hours.
21. **ENVIRONMENTAL DAMAGE:** Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been affected by exposure to the elements or chemical influence including, but not limited to, road salts/chemicals, industrial fall-out or the use of improper cleaners, polishes and or waxes are not covered.
22. **ALIGNMENT:** Alignment of axle(s), balance of tires, changing of axle camber, caster, toe and thrust angle are not covered.
23. **GLASS:** Glass breakage and scratches are not covered unless physical proof of manufacturing responsibility is established.
24. **TIRES:** Tires are not covered by this warranty, but may be covered by separate warranties given by their respective manufacturers.
25. **CHANGES:** Mack Trucks reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on vehicles previously built.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER INCLUDING, WITHOUT LIMITATION OF THE FOREGOING, CONSEQUENTIAL AND INCIDENTAL DAMAGES. MACK TRUCKS, INC. NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.

Mack Trucks, Inc.
7900 National Service Road
Greensboro, North Carolina 27409



Model Year 2011 and Newer
Basic Vehicle Bulldog Protection Plan: Plan B
(CHU, CXU, GU, LEU, MRU, TD with EPA'10 Engines)

Mack Trucks Extended Warranty Plans run concurrently with the MACK standard Warranty, and continues to run after its expiration until the end of the period selected.

The Extended Protection Plan can only be acquired in conjunction with the purchase or lease of a new Mack motor vehicle. The extended Warranty is only authorized for the specific vehicle and purchaser registered at the time of application. The extended Warranty must be purchased at the time of sale or up to 365 days of initial date of delivery to the first user/purchaser, provided the application is approved by Mack Trucks, Inc. while the component(s) for which the applicant is requesting coverage are still within their Standard Warranty period.

WHAT THIS AGREEMENT COVERS:

FRAME and SUSPENSION

Battery Mounting •Hendrickson-Manufactured Suspension Components • MACK Walking Beam • MACK Suspension • Shock Absorber Mounting Brackets • Springs Front, Rear and Helper • Spring Mounting Brackets, Clips and U-Bolts • Stabilizer Bar and Brackets • Tie Rods (excludes bushings) •Torque Rod • Tow Hook • Frame Rails • Crossmembers

CLUTCH/TRANSMISSION

Air Shift (Piping, Knob and Selector) • Clutch (excluding clutch brake, lining and adjustment and wear out) •Clutch Pedal and Linkage • Gear Shift Lever and Assembly • Speedometer Drive Gear • Transmission Dipstick • Transmission Mounting • Transmission Oil Cooler and External Lines (excludes Allison oil cooler arrangements).

DRIVELINE

Cap screws and Nuts • Center Hanger Bracket and Bearing • Shafts • Yoke Clamp Plates • Yokes.

ENGINE ACCESSORIES

Air Cleaner Housing • Air Cleaner Mounting • Air Cleaner Piping • Air Conditioner Compressor • Air Starter • Chassis Mounted Engine Oil Filter Mounting • Coolant Level Sensor • Electronic Accelerator Pedal • Exhaust System Shields • Expansion Tank and Mounting • Fan • Fan Drive • Fan Shroud • Fan Spacer and Attaching Bolts • Fuel Filter Restriction Indicator and Sensor • Fuel Piping (Fuel Tank to Primary Fuel Filter) • Fuel Warmer and Separator • Oil Filler (Tube, Cap, Dipstick Guide and Dipstick) • Radiator Cap • Radiator Mounting • Shutter (Cylinder and Control Valves) • Tank (Fuel) • Tank Mounting (Fuel) • Valves (Shutoff and Switching) • Voltage Regulator.

STEERING

Cross Steering Tube • Drag Link • Pitman Arms • Reservoir • Steering Arms • Steering Gear (Sheppard and TRW/Ross) • Steering Axle I Beam • Steering Column • Steering Gear Mounting Bracket • Steering Knuckle • Steering Post • Steering Pump • Steering Shaft • Steering Universal Joint • Steering Wheel.

AIR and BRAKES / WHEEL ENDS

Air Dryer • Air Governor Valve • Air Reservoir • Axle Shafts • Brake Valves • Brake Chamber • Brake Pedal • Brake Spider • Brake Wheel Cylinder • Cam Roller • Cowl Vent • Disc Brake Caliper • Hub • Hub Caps • Hubodometer • Low Air Pressure Indicator and Sending Unit • Moisture Ejector • Return Spring • Slack Adjuster • Wheel Bearings • Wheels (except Alcoa).

CAB

Air Conditioning and Heating (Motor, Ducts, Controls, Core, Fan, Valves, Dryer, Condenser, Evaporator, Piping, and Mounting Brackets) • Bumper and Bumper Brackets • Cab Hold Down Lock • Cab Lift Jack • Cab Steps • Chassis Mounted Charge Air Cooler and Charged Air Cooler Piping • Door Glass • Door Hinges, Handles and Locks • Door Post Lock and Hinge • Grab Handles • Hood Assemblies (Sheet Metal and Fiberglass) • Hood Mounting (Hinges and Latch) • Hood Ornament and Base • Interior Trim • Keyless Entry Receiver Module • Keyless Entry Transmitter • MACK Factory-Installed Air Fairings • MACK Factory-Installed Sleeper Box • Mirrors • Radiator (Core and Upper and Lower Tank) • Radiator Grille • Safety Belt • Seats • Sheet Metal Fenders and Mounting Bracket • Sun Visor • Window Regulator • Windshield • Windshield Seal.

ELECTRICAL

ABS Electronic Module • ABS Relay Valves • ABS Modulators • ABS Wiring Harness • ABS Sensors • Alternator and Alternator Mounting • ATC Valve • Back-Up Lights (except bulbs) • Battery Cables • Cab Roof Lights (except bulbs) • Cab and Sleeper Box Lights (except bulbs) • Circuit Breakers • Co-Pilot Alarm • Co-Pilot Assembly • Co-Pilot Display Screen • Co-Pilot Housing • Co-Pilot Push Buttons • Dome Light (except bulb) • Fuse Box (except fuses) • Gauges • Gauge Sending Units • Horn (Electric and Air) • Instrument Panel • MPH Sensor • Pyrometer • Relays • Speedometer Head • Switches • Tachometer Head • Tail Lamps (except bulbs) • Turn Signals (except bulbs) • V.I.P.[®] Display • Windshield Wiper (Motor, Arms, Linkage and Valve) • Windshield Washer (Reservoir, Piping and Nozzles) • Wire Harness (excluding EGR Wire Harness) • Vehicle Electronic Control Unit (VECU)

SERVICES AND PARTS NOT COVERED

1. Items not listed above under "What This Agreement Covers".
2. Abuse, accident or negligence.
3. Adjustment of brakes, clutches and controls.
4. Brake and clutch lining replacement for normal wear.
5. Specification changes or error in specifications.
6. Damage in transit.
7. Duplication of repairs because of faulty diagnosis or workmanship and temporary repairs.
8. Engine tune-up.
9. Downtime and driver-layover expense.
10. Headlight adjustment; sealed beam and bulb replacement.
11. Filter elements and lubricants, except as needed to complete a repair under Warranty
12. Fuel system cleaning.
13. Injection-tip service or replacement for normal use and wear.
14. Major components/parts replaced without prior authorization from the MACK Warranty Department or Service Organization.
15. Overtime and holiday labor without prior authorization.
16. Normal wear of covered parts.
17. Performance complaints are not covered (for example, low power and poor fuel economy) unless caused by the failure of a qualified part.
18. Wire harnesses are covered for a defect in the harness. Cleaning corroded external connections, in the extended warranty period, is not covered.

19. Telephone, FAX and other communication expense.
20. Tires and tubes, disc brake pads & rotors, and brake drums.
21. Towing and/or road call (see **Standard Warranty**)
22. Transportation expense for obtaining replacement part.
23. Unauthorized modifications and/or failures resulting from unauthorized alteration or non-MACK parts.
24. Wheel alignment, wheel and tire balancing and tire rotation.
25. Windshield wiper blades.
26. Rattles, squeaks, vibrations and unusual noises can develop during early use of the vehicle. Up to 90 days after delivery, the necessary adjustments or corrections will be covered by warranty. Such adjustment or corrections after this period are usually the result of use; therefore, are not covered by warranty.
27. Misapplication—failure of any kind resulting from using the vehicle in a type of service for which the vehicle was not designed or built.
28. Transmissions not manufactured by MACK are covered under the transmission manufacturers warranty.
29. Rear axles and rear axle gear carriers not manufactured by MACK are covered under the rear axle manufacturers warranty.
30. Turbochargers are not covered under this warranty.
31. Batteries, engine belts, brake & clutch lining, wheel seals, consumables, radios, refrigerators, voltage converters, Temp-A-Start, Qualcom, and televisions are not covered under this warranty.
32. Engines, transmissions and rear axle gear carriers are not covered under this warranty, but may have coverage under other Warranties.
33. **MAINTENANCE AND PARTS CONSUMED** (“Consumables”): Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine injection pump / transmission / brakes / linkages and all other adjustments are not covered. Parts which are normally consumed or worn out during the vehicle’s usual service life and customarily replaced during usual maintenance service are not covered or have limited coverage. These parts include, but are not limited to, the following:

NOT COVERED - Brake linings, clutch brake, clutch linings, mud flaps and brackets.

COVERED FOR 30 DAYS - Fluorescent lights or ballast, light bulbs, fuses, wiper blades and all filters.

COVERED FOR 90 DAYS - Loose fasteners, leaking fittings or hose clamps.

COVERED FOR 12 MONTHS, OR 100,000 MILES (161,000 KM) OR 3,250 OPERATING HOURS, WHICHEVER OCCURS FIRST - Cab suspension on models used in heavy duty applications, batteries, frame paint, sealed light assemblies, exhaust flex pipe, hose clamps, all rubber/nylon bushings or mounts, flexible hoses, all belts, shock absorbers (leakage only), wheel seals, and all grease lubricated points (tie rods ends, king-pins, u-joints, spring pins, etc.)

34. **SUSPENSION PARTS:** Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and all greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
35. **GLASS:** Glass breakage and scratches are not covered unless positive physical proof of manufacturing responsibility is established.

Customer Responsibilities:

1. Maintain the warranted vehicle according to the proper maintenance schedule required by the manufacturer.
2. In the event of a failure or claim, MACK may request proof of service showing the date and mileage when required maintenance was performed.
3. Present vehicle to a MACK-authorized repair facility within the time and mile limit of the warranty.
4. Stop operation of the vehicle when damage is noted so as not to cause further damage; continued operation may cause damage which would not be covered under this warranty.
5. If necessary, make your vehicle available for inspection by a representative of MACK.

In the case of defects in material or workmanship, THIS AGREEMENT INCLUDES repair or replacement (at the option of Mack Trucks, Inc.) of the items listed under *WHAT THIS AGREEMENT COVERS*, PROVIDED:

1. The vehicle is presented at any MACK-authorized repair facility.
2. The parts are returned to Mack Trucks, Inc.
3. Upon inspection by Mack Trucks, Inc., the parts are found to be defective.

THIS AGREEMENT EXCLUDES items listed under *SERVICES AND PARTS NOT COVERED* and also excludes parts damaged DUE TO:

1. Lack of proper maintenance as defined in the Operator's Manual.
2. Use of the chassis in any manner for which it was not designed.
3. Driver abuse or error.

You may have other rights under the terms of the Standard Warranty, the GASEOUS EMISSION CONTROL SYSTEMS WARRANTY, or the NOISE EMISSION CONTROL SYSTEMS WARRANTY.



**WORLDWIDE
EQUIPMENT**

THE TRUCK PEOPLE

**Kenworth
Volvo
Mack
Isuzu**



**Charleston Division
304-744-1321**

General Manager | Matt Cochran

**Huntington Division
304-736-3401**

General Manager | Matt Cochran

**Jane Lew Division
304-884-7815**

General Manager | Greg St. Clair

**Princeton Division
304-425-7511**

General Manager | Randy Terry



SALES - SERVICE - PARTS - LEASING

WWW.THETRUCKPEOPLE.COM



**WORLDWIDE
EQUIPMENT**

COMPANY FACTS

About our Company

WORLDWIDE EQUIPMENT's story begins in 1967. Understanding the need for a heavy-duty truck dealer to successfully serve the coal industry of Eastern Kentucky, **WE** acquired its first **MACK®** franchise in Prestonsburg, Kentucky. **WE** quickly developed relationships with local businesses and drivers that have now grown for over 40 years. **WE** added the Kenworth, Volvo, Hino, and Isuzu brands to our medium and heavy-duty lines. Over time, **WE** have expanded our locations to full-service dealerships, satellite parts stores and leasing facilities in Tennessee, Kentucky, South Carolina, Ohio, Virginia, and West Virginia.

Our history assures you that you can depend on us to be here to provide the products and services you need for as long as you own your trucks. Our strong financial position, large coverage area, and experienced personnel allow us to provide very competitive pricing and premium services not readily available from other dealerships.

Stop by one of our locations today to see how **WORLDWIDE EQUIPMENT** is changing the trucking industry.

Quick Facts

- Established **1967**
- President, CEO: Terry Dotson
- Over **900** employees
- Trucks - Mack, Volvo, Kenworth, Hino, Isuzu | Trailers - East, Featherlite, Dorsey, Dynaweld
- **36** Locations: **16** full-service dealerships | **5** parts locations | **15** leasing offices | **1** full-detail shop | **1** fabrication facility
- Along major Interstates: I-81, I-40, I-64, I-79, I-24, I-75, I-77, I-26, I-85



SALES

New & Used Truck & Trailer
Mack
Volvo
Kenworth
Hino
Isuzu
Dorsey
East
Featherlite
Dynaweld



FINANCING & INSURANCE



PARTS

Truck & Trailer Parts
Private Label Parts Brand:
Road Champion
An average of \$20 million
continuously stocked parts
in inventory



LEASING & RENTAL

Medium & Heavy Duty
Long-term leasing
Short-term rental



SERVICE

Truck & Trailer Parts
Over 250 Full-Service Bays
Heavy-Duty Diesel Service
Certifications:
CAT, Cummins, GMC

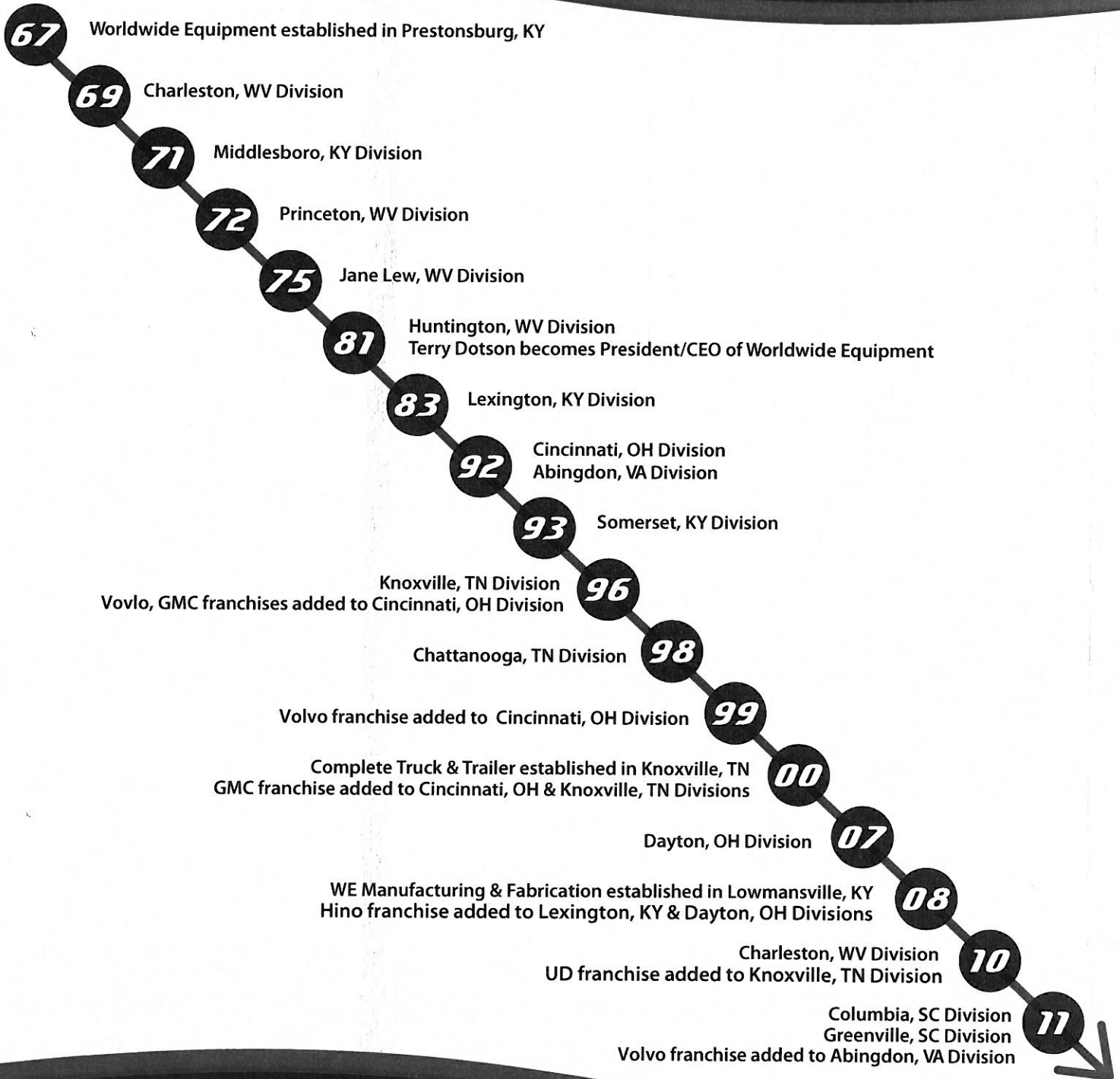
SPECIALTY SERVICE

Body & Detail Shop
Collision Repair
Frame & Alignment work
Fabrication
Manufacturing
CT Tank Inspection & Repair
Crane Inspection



History of Worldwide Equipment

Since 1967



WORLDWIDE
EQUIPMENT
THE TRUCK PEOPLE



Directory

KENTUCKY

SALES / SERVICE

LEXINGTON
859-281-5152
945 Nandino Drive
Lexington, KY 40511



MIDDLESBORO
606-248-5100
Mack Avenue, Industrial Park
Middlesboro, KY 40965



PRESTONSBURG
606-874-2172
107 We Drive
Prestonsburg, KY 41653



SOMERSET
606-679-4321
208 Industry Road
Somerset, KY 42501



LEASING

LEXINGTON
859-233-3740
1677 Jaggie Fox Way
Lexington, KY 40511

ASHLAND
606-928-1129
1026 US Route 60
Ashland, KY 41102

BETSY LAYNE
606-478-9552
155 KY Oil Village
Betsy Layne, KY 41605

LONDON
606-878-1418
252 South Barboursville Road
London, KY 40744

SOMERSET
606-274-4020
4001 Old Barnesburg Road
Somerset, KY 42501

PARTS ONLY

LONDON
606-877-3012
1210 Mardis Street
London, KY 40741

PIKEVILLE
606-437-0130
1188 South Mayo Trail
Pikeville, KY 41501

SPECIALTY

Worldwide Fabrication
606-297-1200
85 August Circle
Lowmansville, KY 41232

OHIO

SALES / SERVICE

CINCINNATI
513-563-6363
10649 Evendale Drive
Cincinnati, OH 45241
Mack, VOLVO

DAYTON
937-278-5775
5750 Poe Avenue
Dayton, OH 45414



LEASING

CINCINNATI
513-577-8001
10649 Evendale Drive
Cincinnati, OH 45241

SOUTH CAROLINA

SALES / SERVICE

CHARLESTON
843-725-5378
2755 Azalea Drive
North Charleston, SC 29405
KENWORTH

COLUMBIA
803-926-2900
707 Cherokee Lane
West Columbia, SC 29169
KENWORTH

GREENVILLE
864-220-3033
2727 White Horse Road
Greenville, SC 29611
KENWORTH

LEASING

CHARLESTON
843-725-5358
2755 Azalea Drive
North Charleston, SC 29405

COLUMBIA
803-926-2900
707 Cherokee Lane
West Columbia, SC 29169

GREENVILLE
864-220-2509
1055 Park West Blvd.
Greenville, SC 29611

TENNESSEE

SALES / SERVICE

CHATTANOOGA
423-698-4093
2017 East 23rd Street
Chattanooga, TN 37404
Mack, VOLVO

KNOXVILLE
865-688-4300
6614 Wilbanks Road
Knoxville, TN 37912
Mack, VOLVO

LEASING

KNOXVILLE
865-637-4341
6416 Asheville Highway
Knoxville, TN 37914

JOHNSON CITY
423-207-0511
801 Suncrest Drive
Johnson City, TN 37615

PARTS ONLY

JOHNSON CITY
423-207-0504
801 Suncrest Drive
Johnson City, TN 37615

SPECIALTY

Complete Truck & Trailer
865-637-4333
6416 Asheville Highway
Knoxville, TN 37914

VIRGINIA

SALES / SERVICE

ABINGDON
276-628-8103
18285 Lee Highway
Abingdon, VA 24210
Mack, VOLVO KENWORTH

PARTS ONLY

NORTON
276-679-1553
442 Kentucky Avenue
Norton, VA 24273

WEST VIRGINIA

SALES / SERVICE

CHARLESTON
304-744-1321
3100 MacCorkle Avenue SW
South Charleston, WV 25303



HUNTINGTON
304-736-3401
5650 US Route 60 East
Huntington, WV 25703



JANE LEW
304-884-7815
Lewis County Industrial Park
Jane Lew, WV 26378



PRINCETON
304-425-7511
406 Turnpike Industrial Road
Princeton, WV 24740



LEASING

CHARLESTON
304-744-1321
3100 MacCorkle Avenue SW
South Charleston, WV 25303

CLARKSBURG
304-624-0505
1129 East Pike Street
Clarksburg, WV 26301

HUNTINGTON
304-523-4567
120 13th Street West
Huntington, WV 25704

PARKERSBURG
304-489-2115
2817 Pike Street
Parkersburg, WV 26101

PARTS ONLY

SUMMERSVILLE
304-872-6044
5310 Webster Road
Summersville, WV 26651

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. Application is made for 2.5% vendor preference for the reason checked:

Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**

Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or** 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**

Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or,**

2. Application is made for 2.5% vendor preference for the reason checked:

Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**

3. Application is made for 2.5% vendor preference for the reason checked:

Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**

4. Application is made for 5% vendor preference for the reason checked:

Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or,**

5. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or,**

6. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.

Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Worldwide Equipment Inc

Signed: [Signature]

Date: 10/21/14

Title: Director of Government & Municipal Sales

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Worldwide Equipment Inc
Authorized Signature: [Signature] Date: 10/21/14

State of tn

County of KNOX, to-wit:

Taken, subscribed, and sworn to before me this 21ST day of OCTOBER, 2014.

My Commission expires 05-06-18, 20 .

AFFIX SEAL HERE



NOTARY PUBLIC

Sheila R. Hodge