

PUBLIC/LEGAL NOTICES

**CITY OF JACKSBORO
NOTICE OF PUBLIC
HEARING
PLANNING AND ZONING
COMMISSION
AND CITY COUNCIL**

For the purpose of considering the effects of requested zoning amendments, the following public hearings will be held: City of Jacksboro Planning and Zoning Commission on Thursday, June 1, 2023, at 5:30 p.m. and Jacksboro City Council on Monday, June 12, 2023, at 5:30 p.m., both to be held at City Hall, 112 W. Belknap St., Jacksboro, Texas.

You are hereby notified that the Planning and Zoning Commission and the Jacksboro City Council will consider:

- a. A request to change zoning to a Light Commercial Zoning District for property located in Single Family 2 (SF2) Zoning District, known as 203 S. Church Street, Lot 3 and 4, Block 30, Parcel 61485 and 225 S Church St., Lot 9, Block 30, Parcel 7401 of the J W Bucker Addition, Jacksboro, Jack County, Texas, allowing for the construction of a commercial building at 225 Church Street, with plans to be submitted at a later time.
- b. A request to consider a reduction to the minimum dwelling unit size for a multi-family unit in residential zoning areas. All citizens and Jacksboro property owners interested are

encouraged to participate in the hearing(s). Persons wishing their opinion to be part of the record who are unable to attend may send a written reply prior to the date of the hearing(s) to the City of Jacksboro c/o Shalyn Burritt, City Secretary, City Hall 112 W. Belknap St, Jacksboro, TX, 940-567-6321.

INVITATION TO BID

Bids will be received in the County Auditor's Office of Jack County, Texas until 9:00 a.m., Monday, June 12, 2023, for the purchase, utilizing time warrants, of various goods and services for Jack County.

The types of goods and services to be purchased are one or more of the following:

Truck Tractor, Model 2020 or newer with less than 150,000 miles *

Time Warrants will be utilized with maximum terms not to exceed 5 years, 6.5% interest rate, and a maximum maturity date of 2028.

* The minimum bid specifications and requirements to bid are contained in the Bid Form on file in the County Auditor's office.

Bidders should use unit pricing in submitting their bids. Invoices delivered for payment will generally be paid by the second Monday of the month following receipt. No bond shall be required of the bidder.

The bids will be opened at 9:05 a.m. on Monday,

June 12, 2023, by the County Auditor in the County Courtroom on the second floor of the County Courthouse in Jacksboro, Texas, and awarded in the Commissioners Court's business on Monday, June 12, 2023, at the same location beginning at 10:00 a.m.

Detailed specifications may be obtained by contacting: Lisa Perry, Auditor - Jack County 100 N. Main Street Suite 202

Jacksboro, Texas 76458
Voice: (940) 567-2663
Fax: (940) 567-5978

The County's website is located at www.jackcounty.org.

Bids should be submitted in a sealed envelope with the proper title ("Precinct 2 Truck Tractor Bid") on the **outside** of the bid envelope.

Bidders are encouraged to be present at the bid opening to defend and answer questions about their bid.

Jack County reserves the right to accept and/or reject all bids.

Under Section 271.905, Texas Local Government Code; the Commissioner's court reserves the right to award a contract to a qualified local bidder within three percent of the lowest bid.

All bids must be accompanied by a completed Bid Request Form that may be obtained through the office of the County Auditor.

By: /s/ Lisa Perry
Auditor - Jack County

LEGAL NOTICE

This notice is to make public the request to revise the plat for MESQUITE ESTATES Subdivision, Jack County, Texas, as shown by the Plat recorded in Book 2 Page 180 of the Plat Cabinet Records of Jack County, Texas. It has been proposed that a 30 ft. entrance located North of Lot #2 provide access

Got News?

Let us know about it!

editor@jacksboronewspapers.com

940-567-2616

Monthly Payments - now before the next power outage: 1-855-704-8579.

PETS AND LIVESTOCK

Need Extra Cash - I Buy RVs & Mobile Homes
-Travel Trailers, 5th Wheels, Goose-necks, Bumper

All bids must be

RECEIVED

JUN 12 2023

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INVITATION TO BID

JACK COUNTY AUDITOR

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Lisa Perry
Auditor - Jack County

TITLE: JACK COUNTY BID REQUEST
PROJECT: Purchase of Truck Tractor for Commissioner Precinct 2
Date: June 12, 2023

SCOPE: Jack County is now accepting formal proposals for the purchase of one or more of the following: Truck Tractor. The minimum specifications are attached.

SPECIFICATIONS: Attached is a bid form to be used in submitting all bids. Supporting materials may be attached but the bid form indicating the price per item **must** be properly completed to assure bid consideration.

The bid form is in two sections: an informational section (this section) and a list of the desired equipment and minimum features.

TYPES OF ITEMS SOUGHT: The attached bid form lists the equipment/supplies and quantities desired and minimum specifications. All bids submitted must meet or exceed those specifications listed.

All materials must be of equivalent or better quality as shown in the specifications under **"DESCRIPTION OF ITEM."**

USE OF BID FORM: Failure to complete the County Bid Form and use the prescribed envelope may disallow a proposal for consideration. Further, attachments to your County Bid Form may be made.

JACK COUNTY COMPETITIVE BID PROPOSAL FORM

(Purchase of Equipment by Commissioner Precinct 2)
OPTION #1 WITHOUT EXTENDED WARRANTY COVERAGE

Used
My bid is on a ~~new~~: 2020 Mack PI64T

\$ - 129,900.00 - Truck Tractor

Time Warrant Terms:

Number of Years - 5 (Five)

Annual Payment - \$30,083.05

Number of Payments - 5 (Five)

Interest Rate - 5.65%

Maturity Year - 2027

My bid meets or exceeds the minimum Proposal requirements outlined in the bid specifications/detail.

My bid offer is good for - 10 (Ten) - days.

Name of Bidder: Bruckner's Truck & Equipment

By: Steve Townsend Steve Townsend Steve Townsend
(Authorized Agent)

Dated: June 9th, 2023.

JACK COUNTY COMPETITIVE
 BID PROPOSAL FORM

(Purchase of Equipment by Commissioner Precinct 2)
 OPTION #2 WITH 24 MONTHS/250,000 MILE EXTENDED WARRANTY INCLUDED

Used
 My bid is on a ~~new~~: 2020 Mack PI64T

\$ - 140,243.00 - Truck Tractor

Time Warrant Terms:

Number of Years - 5 (Five)
 Annual Payment - \$32,445.62
 Number of Payments - 5 (Five)
 Interest Rate - 5.65%
 Maturity Year - 2027

My bid meets or exceeds the minimum Proposal requirements outlined in the bid specifications/detail.

My bid offer is good for - 10 (Ten) - days.

Name of Bidder: Bruckner's Truck & Equipment

By: Steve Townsend Steve Townsend Steve Townsend
 (Authorized Agent)

Dated: June 9th, 2023.

MINIMUM SPECIFICATIONS FOR A USED TRUCK/TRACTOR

1.0 YEAR MODEL & MILEAGE:

- 1.1 2020 or newer with less than 150,000 miles.

2.0 CAB AND HOOD:

- 2.1 Conventional type day cab with fiberglass tilting front hood.
- 2.2 Galvanized steel cab shell with welded seams.
- 2.3 Air suspension type rear cab mounting.
- 2.4 Integral heater and air conditioner combination unit with R134a refrigerant.
- 2.5 Rubber floor mats.
- 2.6 Gauges to include: speedometer, tachometer, oil pressure, coolant temperature, voltmeter, air pressure, fuel level, transmission oil temperature, pyrometer.
- 2.7 Safety tinted side and rear windows.
- 2.8 Grab handles for easy access.
- 2.9 Single trumpet air horn mounted on roof of cab.
- 2.10 Padded interior door panels with a storage pouch mounted on driver's door.
- 2.11 West coast style heated mirrors with convex mirrors.
- 2.12 AM/FM radio.
- 2.13 Air suspension type drivers' seat with vinyl covering.
- 2.14 Stationary passenger seat with vinyl covering.
- 2.15 Three-point lap and shoulder type seat belts with retractors.
- 2.16 Tilt and telescoping type adjustable steering column.
- 2.17 Exterior sun visor.
- 2.18 RH and LH interior sun visors.
- 2.19 Intermittent windshield wipers.
- 2.20 Paint fleet white.

3.0 FRAME AND FRAME MOUNTED EQUIPMENT:

- 3.1 Steel C-Channel type frame rails with a 11" X 3.5" X .37" cross-section, without frame reinforcement.
- 3.2 210" to 220" Wheelbase.
- 3.3 Bright finish front bumper.
- 3.4 Rear anti-spray type mud flaps mounted on spring loaded type mud flap brackets.
- 3.5 Truck shall be equipped with an air release sliding type fifth wheel mounted on steel outboard type mounting angles.
- 3.6 Dual aluminum fuel tanks with a minimum combined capacity of 150 gallons.
- 3.7 Aluminum deck plate on frame with steps and grab handles for easy trailer access.
- 3.8 Aluminum headache rack with jail bar type window and chain rack.
- 3.9 Heavy Duty poly rear fenders with heavy duty brackets over all four sets of dual tires.

4.0 ENGINE AND ENGINE EQUIPMENT:

- 4.1 Engine to be compliant with all emissions regulations applicable to 2020 model year trucks.
- 4.2 Electronically controlled diesel injected engine.
- 4.3 Minimum 785 Cu. In. displacement (13 Liter).
- 4.4 Minimum 435 horsepower.
- 4.5 Engine brake.
- 4.6 Single exhaust with bright finish heat shield and curved stack.
- 4.7 110-Volt engine block heater.

5.0 TRANSMISSION:

- 5.1 Automated manual transmission with a minimum of 12 forward gears or an automatic transmission with a minimum of 6 forward gears.
- 5.2 Transmission oil cooler.
- 5.3 Synthetic lubricant in transmission.

6.0 FRONT AXLE EQUIPMENT AND TIRES:

- 6.1 14,000LB capacity axle.
- 6.2 16.5" X 5" S-cam type brakes with automatic slack adjusters.
- 6.3 Outboard mounted brake drums.
- 6.4 Hydraulic power steering.
- 6.5 Heavy duty shock absorbers.
- 6.6 24.5 X 8.25 Polished aluminum, 10-hole hub piloted wheels.
- 6.7 11R24.5 radial tires with highway type tread design.

7.0 REAR AXLE EQUIPMENT AND TIRES:

- 7.1 Tandem rear axles with 44,000LB capacity.
- 7.2 Air ride type rear suspension with 46,000LB capacity with heavy duty shock absorbers.
- 7.3 Dual reduction type gearing.
- 7.4 Air controlled power divider lockout, with warning light and buzzer.
- 7.5 Gear ratio to allow truck to run 72 MPH at engine manufactures recommended RPM.
- 7.6 16-1/2" X 7" S-cam type brakes with automatic slack adjusters.
- 7.7 Outboard mounted brake drums.
- 7.8 24.5 X 8.25 Polished aluminum, 10-hole hub piloted wheels.
- 7.9 11R24.5 tires with traction type tread design.

8.0 AIR BRAKE SYSTEM:

- 8.1 Minimum 18.7 CFM air compressor.
- 8.2 Four double diaphragm, type 30/30 spring brake chambers.
- 8.3 Dual air brake system that complies with all state and federal regulations.
- 8.4 Semi-trailer connection package with (2) 12' trailer air hoses and a 12' trailer electrical cord with hose tender.
- 8.5 Air dryer with 12-volt heater.
- 8.6 Manual drain valves with lanyard cable on all air tanks.

9.0 ELECTRICAL EQUIPMENT:

- 9.1 12-Volt negative ground system.
- 9.2 Three 12-Volt batteries with a minimum of 650 CCA per battery.
- 9.3 12-Volt 165 Amp. brushless alternator.
- 9.4 12-Volt starter motor.
- 9.5 Steel battery box with battery box cover.
- 9.6 Electrical circuit protected by circuit breakers.
- 9.7 Battery disconnect switch with lock-out bracket to shut off all electrical
- 9.7 Halogen type headlights.
- 9.8 All lighting required by state and federal laws.
- 9.9 Bottom dump trailer switch to be mounted in the cab and wired to a 6-way male trailer plug that will connect to the trailer and operate the bottom dump gates.

- 9.10 Electric tarp switch to be mounted in the cab and wired to a dual pole male plug that will connect to the trailer and operate the electric tarp.

10.0 SAFETY EQUIPMENT:

- 10.1 Fire extinguisher mounted in cab.
- 10.2 Triangular reflector kit.
- 10.3 Current safety inspection.

11.0 WARRANTIES

- 11.1 List all remaining factory warranties.
- 11.2 Show the cost of adding a 24 month/250,000-mile warranty plan on the engine and the engine after treatment system. Include coverage details.

Truck to be in overall good to excellent condition. Jack County reserves the right to look and inspect the truck(s) before accepting any bids.



Bruckner's Truck & Equipment
Bid Proposal

Date: June 2, 2023

CUSTOMER INFORMATION	
Name:	Jack County
Name:	
Address:	100 N Main St., Suite 202
CSZ:	Jacksboro, TX 76458
Phone:	(940) 798-2781
Cell:	
Fax:	
Contact:	Kenny Salazar
Email:	ksalazar@jackcounty.org

EQUIPMENT INFORMATION			
Stock #:	A8510P	UNITID	1117836
Year:	2020	BODY	TR
Make:	Mack		
Model:	PI64T		
VIN:	1M1PN4GY1LM004719		
Salesperson:	Steve Townsend		

EQUIPMENT SPECIFICATIONS			
Engine Make:	SEE ATTACHED SPECIFICATIONS	Wheelbase:	
Horsepower:		Frame:	
Engine Brake:		Interior Trim:	
Transmission:		Wheels Front:	
Front Axle:		Wheels Rear:	
Rear Axle:		Tire Size:	
Rear Suspension:		Tire Front:	
Ratio:		Tire Rear:	
Chassis Includes the Following Local Extras:			
Trade-In Information:		Trade 1:	Trade 2:
Allowances:			
VIN:			
Year:			
Make:			
Model:			
Payoff:			
Quantity		Price before TAX	
OTHER CHARGES:			
Tax, Title, and License Fees (Estimated):			-
Purchase Coverage Type:			-
Insurance Type:			-
Dealer Inventory Tax and Doc Fees:			-
Cash Down Payment:			
TOTAL:		\$129,900.00	

Dealer Signature: Steve Townsend
Date: 6/2/2023

Customer Signature: _____
Date: _____

A documentary fee is not an official fee. A documentary fee is not required by law, but may be charged to buyers for handling documents and performing services relating to the closing of a sale. A documentary fee may not exceed \$50 for a motor vehicle contract or a reasonable amount agreed to by the parties for a heavy commercial vehicle contract. This notice is required by law.



Bruckner's Truck & Equipment
Retail Proposal

Date: June 9, 2023

CUSTOMER INFORMATION	
Name:	Jack County
Name:	
Address:	100 N Main St., Suite 202
CSZ:	Jacksboro, TX 76458
Phone:	(940) 798-2781
Cell:	
Fax:	
Contact:	Kenny Salazar
Email:	ksalazar@jackcounty.org

EQUIPMENT INFORMATION	
Stock #:	A8510P
UNITID	1117836
Year:	2020
BODY	TR
Make:	Mack
Model:	PI64T
VIN:	1M1PN4GY1LM004719
Salesperson:	Steve Townsend

EQUIPMENT SPECIFICATIONS			
Engine Make:	SEE ATTACHED SPECIFICATIONS	Wheelbase:	
Horsepower:			
Engine Brake:			
Transmission:			
Front Axle:			
Rear Axle:			
Rear Suspension:			
Ratio:			

Chassis Includes the Following Local Extras:

Mack Certified 24/250 Extended Warranty				
Trade-In Information:	Trade 1:	Trade 2:	Each	Amount
Allowances:			\$129,900.00	
VIN:			-	
Year:				
Make:				
Model:				
Payoff:				
Quantity		Price before TAX	129,900.00	
OTHER CHARGES:				
Tax, Title, and License Fees (Estimated):				-
Purchase Coverage	Type:		10,343.00	-
Insurance	Type:			-
Dealer Inventory Tax and Doc Fees:			-	-
Cash Down Payment:				
TOTAL:			\$140,243.00	

Dealer Signature: Steve Townsend
Date: 6/9/2023

Customer Signature: _____
Date: _____

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2020 MACK - PI64T 6X4 TRACTOR - VIN: 1M1PN4GY1LM004719		
MODEL DEFINING INFO:		
Code	Description	Family
001AA2	TRACTOR	VEHICLE TYPE
506026	6X4	NUMBER OF AXLES
51AACX	BRAND MACK	BRAND
529043	PINNACLE AXLE FORWARD, CONVENTIONAL (PI)	MODEL INDENT CONDENSED
774AA2	AXLE FORWARD	FRONT AXLE POSITION
CDX30X	CLASSIC STYLE FIBERGLASS TILTING HOOD	CONVENTIONAL TYPE
CKX50X	CONVENTIONAL W/GALVANIZED STEEL CAB	VEHICLE PROFILE
DAX15X	6 WHEELS THEREOF 4 DRIVING	AXLE ARRANGEMENT
DDX10X	TRACTOR TYPE	CHASSIS TYPE
FAP04P	FRONT AXLE POSITION, 2380MM	FRONT AXLE POSITION
FAX20X	STEERING WHEEL POSITION, LEFT HAND SIDE	STEERING WHEEL POS.
FKX55X	CAB POS, MEDIUM X COORD (LONGITUD) MEDIUM Z COORD (HEIGHT)	CAB POSITION
FYX10X	FRONT AXLE POSITION, 2380MM	FRONT AXLE POSITION
LAX05X	ELECTRICAL SYSTEM 12 VOLT	VOLTAGE
M29778	PI64T	MODEL SALES CODE
PT100C	CMM 64T - ANTHEM / PINNACLE TRACTOR	PRODUCT TYPE
US0010	TSP with MMC BACK OFFICE PROCESS (PROBUILDER)	
VEHICLE INFO:		
Code	Description	Family
505015	ALL 50 STATES, CARB ENGINE EMISSION	INITIAL REGISTRATION LOCATION
70BC1X	BRAKE REGULATION, STOPPING DISTANCE 76M (250 FT)	BRAKE REGULATION
A19059	2020 MODEL YEAR	
CAR02R	90000 LB (41000 KG) GCW/GVW	CARRIER APPLICATION
FDXD1X	2 REAR AXLES, 2 DRIVEN	REAR AXLE ARRANGEMENT
J7DACX	PRODUCTION ORDER PLANNING, SHORT TO MEDIUM LEAD TIME	
MOC008	OPERATING CLASS 8	
MP1081	PINNACLE 64T	
ENGINE/TRANSMISSIONS:		
Code	Description	Family
100110	MP8-445C MACK 445 @ 1300-1700 RPM (PEAK) 1950 RPM (GOVERNED)	ENGINE
1360Z6	MACK TMD12AFO-HD mDRIVE HD 12 SP-(OVERDRIVE)	TRANSMISSION
2MCA1X	GREEN HOUSE GAS COMPLETE VEHICLE & COMPLETE CERTIFICATION	VEHICLE GHG CERTIFICATION
3GCA1X	GREEN HOUSE GAS HIGHWAY APPLICATION	GHG APPLICATION, VEHICLE
3TAJ1X	ENGINE POWER 445HP	ENGINE POWER
503053	MACK MP8 SERIES	ENGINES-GENERAL DESCRIPT
B969A6	EPA-2017 DIESEL ENGINE W/CEGR/DPF/SCR	ENGINE EMISSIONS LEVEL
CJXAAX	EXHAUST GAS RECIRCULATION, COOLED	EXHAUST GAS RECIRCULATION
DPXF5X	13 L. PROPRIETARY ENGINE	ENGINE TYPE
H1BAAX	TURBO SINGLE STAGE	TURBO FAMILY FOR 2017
HEX05X	MACK ENGINE	ENGINE MANUFACTURER
HFXOAX	1950 RPM, GOVERNED ENGINE RPM	GOVERNED ENGINE RPM
KTXVPX	ENGINE EMISSION, LEVEL USA2017	ENGINE EMISSION CONTROL
RUXF1X	AUTOMATED GEAR SHIFTING	GEAR SHIFTING SYSTEM
EXHAUST/EMISSIONS:		
Code	Description	Family
4RAA2X	SCR SYSTEM EQUIPMENT, ELECTRICALLY HEATED	SCR SYSTEM EQUIPMENT
0RAD1X	DPF REG CONTROL, AUTO IN MOTION, MAN STAT, INHIBIT ALLOWED	REGENERATION CONTROLS, DPF
78AC7X	EMISSION OBD, DISPLAY ONLY, USA2018	EMISSION ON BOARD DIAG CONTROL
8NAB1X	DPF COVER STAINLESS STEEL, POLISHED	DPF COVER
9KAB1X	IDLE EMISSION CERTIFICATION, CARB 08	IDLE EMISSION CERTIFICATION
CIRAA4	IDLE EMISSION CERTIFICATION, CARB (WITH DECAL LOCATED ON LOW	IDLE EMISSION CERTIFICATION
DF10N1	18.4 GALLON (70 L) 26" LEFT SIDE FRAME MOUNTED	DEF TANK
DPF04F	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21	DPF DIESEL PARTICULATE FILTER

G8BA1X	AD-BLUE TANK MTG LOC, FRAME RAIL	AD-BLUE TANK MOUNTING LOCATION
K0XD1X	TURNED OUT EXTENSION	EXHAUST STACK FEATURES
KLXD1X	EXHAUST DIRECTION, VERTICAL RIGHT	EXHAUST DIRECTION
KRXB5X	EXHAUST STACK 3.55 METRE, HEIGHT OVER GROUND (11'6")	EXHAUST STACK HEIGHT
KSXK1X	SELECTIVE CATALYST REDUCTION + DPF INTEGRATED, VOLVO ENG.	EXHAUST AFTERTREATMENT SYSTEM
MLXBMX	AD-BLUE TANK 70 LITER LEFT HAND SIDE	AD-BLUE TANK LEFT HAND SIDE
T5AH1X	DIESEL PARTICULATE FILTER, HORZ RHS INTERGRATED	DPF ORIENTATION
TOXABX	DEF TANK MATERIAL, PLASTIC	AD-BLUE TANK MATERIAL
U0XA5X	SEMI RECTANGULAR DEF TANKS FOR DIAM 66 BRACKETS	AD-BLUE TANK SHAPE
U6BA1X	DEF TANK COVER, PAINTED FINISH	AD-BLUE TANK COVER
V5CC1X	OBD EMISSIONS, CONSEQUENCE 1	OBD EMISSIONS CONSEQUENCE
V6CE1X	ON BOARD DIAG EMISSIONS PHASE C REGULATIONS	OBD EMISSIONS PHASE REGULATION
Y7BC1X	IDLE EMISSION LABEL LOCATION, LOWER DRIVER DOOR CORNER	IDLE EMISSION LABEL LOCATION
010020	SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF E	EXHAUST - BRIGHT FINISH
130AB6	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXHAUST	EXHAUST
1LAK1X	SELECTIVE CATALYST REDUCTION, HORZ RHS INTEGRATED	SCR ORIENTATION
2ACZ1X	GREEN HOUSE GAS SOFT TOP FACTOR, 0 MINUTES	GHG VSL SOFT TOP FACTOR
5BAAAX	EXHAUST HEAT SHIELD TYPE, BASIC	EXHAUST HEAT SHIELD TYPE
ENGINE EQUIPMENT:		
Code	Description	Family
110AA6	MACK MP8 POWERLEASH	ENGINE BRAKE
113AA6	MERITOR/WABCO 318 (18.7 CFM)	AIR COMPRESSOR
118AB8	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	FAN DRIVE
119AE9	CHEVRON COOLANT (50/50 MIX DYED PINK) TO -34DEG	COOLANT PROTECTION
121AA5	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT	BUG SCREEN
124AA3	MACK EPDM RADIATOR & HEATER HOSES	HOSES - RADIATOR/HEATER
125AA4	11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TY	AIR CLEANER
131AA4	12 VOLT DELCO 39MT-MXT	STARTER
132AB6	DELCO 12V 165A (36SI) BRUSHLESS	ALTERNATOR
140AA1	ALUMINUM	FLYWHEEL HOUSING
1UAABX	AIR CLEANER HOUSING MATERIAL, PLASTIC	AIR CLEANER HOUSING MATERIAL
1VAAAX	AIR INTAKE SOURCE, HOOD OUTSIDE	AIR INTAKE SOURCE
293AA2	MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)	FUEL-WATER SEPARATOR
316AA6	(3) MACK 12V 650/1950 CCA THREADED STUD TYPE	BATTERIES
318AA3	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE	BATTERY DISCONNECT SWITCH
36AA1X	TETHER DEVICE PKG 1 (OIL FILL & EXP TNK CAPS)	TETHER DEV PKG, CAPS & COVERS
393AA9	RH RAIL UNDER CAB (3 BATTERY MAX)	BATTERY BOX - MOUNTING
405055	MOLDED PLASTIC	BATTERY BOX COVERS
5NXA1X	110 VOLT / 1.5 KW, ENGINE BLOCK HEATER	ENGINE BLOCK HEATER
H6XA1X	BUG NET, SINGLE, BEHIND THE GRILLE	RADIATOR SCREEN
H9XK1X	NARROW RADIATOR WITH LENGTH 3 (80 DM2)	RADIATOR TYPE
HLX05X	RUBBER COOLANT HOSE	COOLANT HOSE
HTXA8X	VPT ENGINE BRAKE 6 WITHOUT EPG AND VARIABLE GEOMETRI TURBO	ENGINE BRAKE TYPE
HWXA1X	WITH FILTER/CONDITIONER	COOLANT FILTER / CONDITIONER
J3XA3X	DUAL ENGINE MOUNTED FUEL FILTER, 2 STEP W. WATER SEPARATOR	FUEL FILTER SECONDARY
JSXA5X	VISCOUS FAN CLUTCH, ELECTRIC CONTROLLED, LOW NOISE	FAN CLUTCH TYPE
JTXAAX	BEHR FAN CLUTCH	FAN CLUTCH MANUFACTURER
K9XADX	ANTI-FREEZE -37C (-34F) BASIC LIFE COOLANT	COOLANT
KWXA1X	ONE STAGE AIR CLEANER (PRIMARY)	AIR CLEANER TYPE
KXXA1X	SMALL AIR CLEANER	AIR CLEANER SIZE
L4X21X	RHS BATTERY BOX, BEHIND FRONT FENDERS	BATTERY BOX MOUNTING
L5XA1X	BASIC BATTERY BOX COVER	BATTERY BOX COVER
L8XJAX	3 BATTERIES, 650 CCA	BATTERY CAPACITY
MBXA1X	STANDARD FUEL FILTER POSITION	PRIMARY FUEL FILTER POSITION
MOXAAX	BATTERY SHOCK PADS	BATTERY ISOLATION
NCXA5X	12V STANDARD STARTER DELCO 39MTHD	STARTER

NDXA1X	WITH STARTING AID	ENGINE STARTING AID
NFXA0X	MECHANICAL MAIN SWITCH	MAIN SWITCH
PJXMOX	12V 165AMP	ALTERNATOR CAPACITY
Q8AB1X	ONE BATTERY BOX, 3 BATTERIES MAX.	B-BOX QTY AND BATT PER BOX
QHXC1X	OIL PAN STEEL	OIL SUMP
R5DA1X	RADIATOR APPLICATION, BASIC	RADIATOR APPLICATION
VWXAZX	1 CYL. 530 L/MIN. COMPRESSOR	COMPRESSOR CAPACITY
CLUTCH/TRANS EQUIPMENT:		
Code	Description	Family
133AC7	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL	CLUTCH
THXE1X	PROPELLER SHAFT MANUFACTURER, MERITOR RPL SERIES	PROPELLER SHAFT MANUFACTURER
T2XB1X	MEC.TRAN. OIL COOL, WAT./OIL, HIGH PERF. VERS 2, GEARB.MOUNT	TRANSMISSION/RETARDER COOLER
SL4034	75W - 90 (SYNTHETIC LUBRICANT)	SYNTHETIC LUBRICANT -
RVXG1X	GEAR SHIFTING, BASIC	GEAR SHIFT LEVER
RDXD1X	SACHS CLUTCH	CLUTCH MANUFACTURER
RCXB1X	ALUMINUM BELL HOUSING	BELL HOUSING
RAXA2X	1 (SINGLE) PLATE 17" (430MM), ORGANIC, B VERSION	CLUTCH TYPE
8WAAAX	PROP SHAFT INTERAXLE, UNIV JOINT HALF-ROUND TYPE	PROP SHAFT INTERAXL UNIV JOINT
139049	MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO W	TRANSMISSION OIL COOLER
192022	ALUMINUM	TRANSMISSION BELL HOUSING
195AA7	MERITOR RPL25HD W/PERMALUBE U-JOINTS (PROPS-L)	DRIVELINE - MAIN
204AA4	MERITOR RPL20 W/PERMALUBE	DRIVELINE - INTERAXLE
31AA1X	HILL START ASSIST	HILL START ASSIST
49200B	MACK mDRIVE-PREMIUM SHIFTER	GEAR SHIFT
7RXD1X	SYNTHETIC OIL IN TRANSMISSION, 75W-90	LUBRICANTS, TRANSMISSION
FRONT AXLE EQUIPMENT:		
Code	Description	Family
0KXA1X	BASIC MATERIAL HUB (STEEL/CAST IRON) ,FRONT	HUB MATERIAL, FRONT
1BxBDX	FAG SCHAEFFLER, FRONT HUB OIL SEAL	HUB OIL SEAL, FRONT
1KAA1X	SHOCK ABSORBER, FRONT	SHOCK ABSORBER, FRONT
240AA7	14600# (6600 KG) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEAR	FRONT AXLE
241081	MERITOR "S" CAM TYPE 16.5" x 6" Q+	BRAKES - FRONT
244AA9	MACK TAPERLEAF 14600# (6600 KG) GROUND LOAD RATING, EQUAL BI	SPRINGS - FRONT
245AA5	TRW THP60 POWER	STEERING
385A1X	DOUBLE ACTING TYPE	SHOCK ABSORBERS - FRONT
6ZXA1X	FRONT MUDGUARD, BASIC	MUDGUARD TYPE, FRONT AXLE
7VXC1X	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE	
907017	WITH SINGLE STEER FRONT AXLE	2ND FRONT AXLE TIRES
FTXD1X	LOW GROUND CLEARANCE - HIGH OFFSET	GROUND CLEARANCE F.A.
FUXC1X	FRONT AXLE, UNIT BEARING	FRONT AXLE CONCEPT
FVXE0X	FRONT AXLE LOAD 6.6 TONNES (14600 LBS)	FRONT AXLE LOAD
FWXA1X	FRONT AXLE	FRONT AXLE MANUFACTURER
IRXC1X	MAINTENANCE FREE, RUBBER SPRING EYE BUSHINGS	FRONT SUSP MAINTENANCE
K4AAAX	BASIC (NO OPTION) SPINDLE NUTS, FRONT	SPINDLE NUTS, FRONT
LQXAVX	BRAKE LINING MATERIAL FRONT, MERITOR MA 1501	BRAKE LINING MATERIAL FRONT
O5BD1X	FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)	FRONT BRAKE CHAMBER SIZE
SL69A6	PETROLEUM / SYNTHETIC (50/50) IN FROTNT AXLE (GREASE NOT OIL	
U0AA1X	FRONT BRAKE ADJUSTMENT, AUTOMATIC HALDEX	FRONT BRAKE ADJ. MANUFACTURE
U3XA1X	BRAKE, FRONT, OUTBOARD DRUM CAST IRON	BRAKE, FRONT
U5XB1X	FRONT, DRUM BRAKE LINING 150MM	BRAKE DIMENSION, FRONT
UAXA1X	BRAKE SYSTEM, CONVENTIONAL	BRAKE SYSTEM
UDXZ1X	FRONT BRAKES WITHOUT DUST SHIELDS	FRONT AXLE BRAKE DUST SHIELD
V4AA1X	FRONT WHEEL BRAKE TYPE, "S" CAM (CAST)	WHEEL BRAKE TYPE, FRONT
V7AA1X	FRONT BRAKE CHAMBER MANUFACTURER, ANCHORLOK	FRONT BRAKE CHAMBER MFG.
X8AA1X	FRONT WHEEL BRAKE MANUFACTURER, MERITOR	WHEEL BRAKE MANUFACTURE, FRONT

XAXBFX	STEERING GEAR, RATIO 18.2, FIXED	STEERING GEAR RATIO
YFXA1X	PARABOLIC SPRING (NORMAL STIFFNESS) FRONT	FRONT SPRING TYPE
YKXA1X	LEAF (MECHANICAL) SUSPENSION ,FRONT	FRONT SUSPENSION SYSTEM
ZGXC1X	HUBCAP, FRONT, BASIC	FRONT HUBCAP TYPE
REAR AXLE EQUIPMENT:		
Code	Description	Family
253AA7	MERITOR - CAM 16.5"x8 5/8" Q+	BRAKES - REAR
254AB5	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR AXLES	TRACTION DIFFERENTIAL
256AA3	POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES I	POWER DIVIDER LOCKOUT
257356	3.56 RATIO	CARRIER/RATIO - REAR AXLE - RATIO
268AA3	44000# (20000kg) MACK S440 FABRICATED STEEL HOUSING	REAR AXLE/SUSPENSION - TANDEM
269052	52" AXLE SPACING (BOGIE WHEELBASE)	
300AB1	HALDEX "LIFE SEAL" TYPE	SPRING BRAKE CHAMBERS - VENDOR
329039	TRANSVERSE TORQUE ROD - ALL AXLES	TRANSVERSE TORQUE RODS
38AJCX	MACK TANDEM DUAL REDUCTION CARRIER,CRD150/151	REAR AXLE DIFF CARRIER TYPE
3LAC1X	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	DIFFERENTIAL LOCK SWITCH
3ZAA1X	SPRING BRAKE INVERSION VALVE	SPRING BRAKE INVERSION VALVE
479029	REAR SPRING BRAKE CHAMBERS 30/30 TYPE	SPRING BRAKE CHAMBERS - SIZE
698AA6	MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW	ANTI-LOCK BRAKE SYSTEM
717AB1	4S/4M SYSTEM REAR WHEEL END SENSORS	ABS SENSOR/CHANNEL OPTION
7WXA1X	PETROLEUM OIL IN REAR AXLE	LUBRICANTS, REAR AXLE
882092	44000 LB. 20000 KG.	REAR AXLE RATING
888038	PDLO	PDLO
8ZDAAX	ELECTRONIC STABILITY CONTROL REGULATION FMVSS	STABILITY CONTROL REGULATIONS
9GAAAX	ABS 4 SENSORS & 4 MODULATORS (FRONT & REAR AXLES)	ABS SENSOR & MODULATOR
GWXBYX	BOGIE SPREAD, 1320MM (52.0")	BOGIE SPREAD, REAR
J6DB1X	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING IND & BUZZER	AIR SUSPENSION DUMP WARNING
MAXAKX	BRAKE LINING MATERIAL DRIVE, MERITOR MA 2301	BRAKE LINING MATERIAL DRIVE
R1XK1X	DOUBLE REDUCTION REAR AXLE, MACK	REAR AXLE TYPE
R6XB1X	REAR AXLE CASING, HEAVY DUTY	REAR AXLE CASING DUTY RATING
R9XA1X	REAR AXLE DIFF CARRIER HOUSING MATERIAL - IRON	DIFFERENTIAL HOUSING MATERIAL
SL3013	FACTORY OPTION LUBE - REAR AXLE	LUBRICANT - TANDEM REAR AXLE
TAXE6X	RATIO 3.56, REAR AXLE	REAR AXLE RATIO
TUXG1X	DIFFERENTIAL LOCK BETWEEN WHEELS, FRONT & REAR DRIVE AXLES	DIFFERENTIAL LOCK
U1AA1X	REAR BRAKE ADJUSTMENT, AUTOMATIC HALDEX	REAR BRAKE ADJ MANUFACTURE
U4XA1X	BRAKE, DRIVE REAR, OUTBOARD DRUM CAST IRON	BRAKE, DRIVE, REAR
U8XCPX	REAR, DRUM BRAKE LINING 220MM	BRAKE DIMENSION, DRIVE
UEXZ1X	REAR DRIVE BRAKES WITHOUT DUSTSHIELDS	DRIVE AXLE BRAKE DUST SHIELD
UGXA1X	AUXILIARY PARK, TWO EXTRA PARKING BRAKE CHAMBERS	AUX.PARKING BRAKE CHAMBERS
UPXB3X	ANCHORLOCK "LIFE SEAL" PARK BRAKE CHAMBER	PARK BRAKE CHAMBER MANUFACTURE
URXD1X	BRAKE VALVE VERSION, USA-BENDIX, WHERE POSSIBLE	BRAKE VALVE VERSION
V1AB1X	REAR BRAKE CHAMBER 30 / 30 SQ INCHES (SERVICE/EMERGENCY)	REAR BRAKE CHAMBER SIZE
V5AA1X	REAR WHEEL BRAKE TYPE, "S" CAM (CAST)	WHEEL BRAKE TYPE, REAR
WNX10X	WHEEL SENSOR ANTILOCK BRAKE SYSTEM	ANTILOCK BRAKE SYST.
WPXA1X	WITH TRACTION CONTROL	TRACTION CONTROL
WRXA1X	BENDIX ANTI LOCK BRAKE	ANTI LOCK BRAKE SYS. MFG
X7AA1X	REAR WHEEL BRAKE MANUFACTURER, MERITOR	WHEEL BRAKE MANUFACTURER, REAR
XUXA1X	REAR SUSPENSION HEIGHT STANDARD	REAR SUSPENSION HEIGHT
XYXA1X	REAR SUSP TRANSVERSE TORQUE RODS, ALL DRIVE AXLES	TRANSVERSE TORQUE RODS, R SUSP
YJXF1X	AIR SPRING, REAR	REAR SPRING TYPE
YLBX1X	REAR SUSPENSION SYSTEM, AIR	REAR SPRING SYSTEM
YVXA1X	SHOCK ABSORBER ,REAR	REAR SHOCK ABSORBER
ZAXA1X	ELECTRICAL REGULATION LEVELING DEVICE	SUSPENSION LEVELLING DEVICE
018AA6	CRDP150/151 AVAILABLE WITH OPTIONAL DRIVER CONTROLLED	CARRIER/RATIO - REAR AXLE
237037	AUX SPRING BRAKE QTY, 4 CHAMBERS	SPRING BRAKE CHAMBERS - QUANTITY
234064	SHOCK ABSORBERS - (4), OUTBOARD MOUNTED ON FORWARD AND REAR	SHOCK ABSORBERS - REAR

1CXI2X	DRIVE HUB SEAL, PREMIUM	HUB OIL SEAL, DRIVE
186AB6	MACK AL-461 AIR 46,000 lb (NOT FOR USE WITH AIR DISC BRAKES	REAR SUSPENSION - TANDEM
0LXI5X	IRON PRESET HUB, DRIVE, W/ INTEGRATED SPINDLE NUT	HUB MATERIAL, DRIVE
096056	MACK TANDEM AIR	REAR SUSPENSION
039019	16.5" DIAMETER	REAR BRAKE DIAMETER
038028	REAR AXLE CASING HEAVY DUTY	RR AXLE CASING DUTY RATNG
FRAME EQUIPMENT /FUEL TANKS:		
Code	Description	Family
12AC1X	FUEL LINE OPTION, DUAL DRAW	FUEL LINE OPTIONS
14AA1X	FUEL FILL SYSTEM, BASIC	FUEL FILL SYSTEM
223AA3	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS	STEPS (BRIGHT) - FUEL TANK
243023	(2) CLEVIS	TOWING DEVICE - FRONT
271219	219"	WHEELBASE
274AA7	STEEL - 300MM X 90MM X 9.5MM -- (11.81" X 3.54" X 0.37")	FRAME RAILS
279069	FLUSH-STAINLESS CLAD ALUMINUM - BRIGHT FINISH	BUMPER - FRONT
281AA2	STEEL	CROSSMEMBERS
286AA5	TAPERED AND FLANGED RAIL ENDS (28 deg.)	TAPERED FRAME RAIL ENDS
288AC0	117 GALLON (445 L) 26" ALUMINUM ROUND	FUEL TANK - LH
290AC2	50 GALLON (190 L) 26" ALUMINUM ROUND	FUEL TANK - RH
294094	ELECTRONIC SENDING UNIT MOUNTED ON LH TANK	GAUGE - FUEL LEVEL
2HXA1X	BASIC MUDFLAP, FRONT AXLE	MUDFLAP, FRONT AXLE
2RAA1X	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	FUEL LEVEL SENDER UNIT
374056	56"	AF (OVERHANG)
380AAX	BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT	TRUNNION BRACKET
464AA4	PLASTIC QUARTER FENDERS	MUD FLAP BRACKETS
4EXF1X	TWO CLEVIS TOWING DEVICE, FRONT	TOWING DEVICE, FRONT
4ZAAAX	CROSSMEMBER, BOGIE, BASIC TYPE	CROSSMEMBER, BOGIE TYPE
69XJ4X	MUDFLAP HANGER,FLEET ENGINEER ANGLE INTERNAL SPRING	MUDFLAP HANGERS, REAR AXLE
6DAAAX	CAB FOOTSTEP MATERIAL/FINISH, ALUMINUM	CAB FOOTSTEP MATERIAL/FINISH
6LBB1X	FUEL TANK VENTILATION, BASIC	FTVE-BAS
7XBA1X	FUEL TANK DRAINAGE, BASIC	FUEL TANK DRAINAGE
84AB1X	REAR FENDER MANUFACTURER,FLEETLINE	REAR FENDER MANUFACTURER
8EXB1X	STEEL INTERMEDIATE CROSSMEMBER	INTERMEDIATE X-MEMBER MATRL
FBXA1X	DIESEL	FUEL TYPE, LIQUID
JHXA1X	FUEL HOSES, BASIC	FUEL HOSES
KBXB1X	FUEL TANK, ROUND , DIAM. 660MM (26")	FUEL TANK SHAPE
KDXB1X	FUEL TANK MOUNTING, DUAL MOUNTED FUEL TANK (LFUEL AND RFUEL	FUEL TANK MOUNTING
KEXA1X	FUEL TANK MATERIAL, ALUMINUM	FUEL TANK MATERIAL
KFXA1X	NON-LOCKABLE FUEL TANK CAP	FUEL TANK CAP
KHXB1X	STAINLESS STEEL FUEL TANK STRAPS	FUEL TANK STRAPS MTRL
OAXC1X	BOC AND INTERM X-MBRS C CHANNEL, RIVETED	X-MBR CONFIG AND POSITION
Q5AC1X	BOXED AND TAPERED CLOSING CROSSMEMBER	REAR CROSSMEMBER OPTIONS
X6XB2X	TAPERED CUT TREATMENT 28 DEGREES, REAR FRAME	REAR FRAME TREATMENT
ZIXA1X	CROSSMEMBER, BOGIE, STEEL	CROSSMEMBER, BOGIE, MATERIAL
AIR/BRAKE:		
Code	Description	Family
U2XA1X	ALUMINUM AIRTANK	AIRTANK MATERIAL
UWXD1X	MANUAL DRAIN VALVES, LANYARD ON WET TANK	AIRTANK DRAIN VALVE
VHXEDX	WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTE	AIR DRYER - MANUFACTURER
1JAABX	PARK BR VALVE, 1 YELLOW KNOB, ALL PARK & 1 RED, TRAILER PARK	PARKING BRAKE VALVE
302022	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR	BRAKE CONTROL VALVE SYSTEM
ELECTRICAL:		
Code	Description	Family
312AA6	(5) TRUCKLITE CHROME BULLET TYPE LAMPS	IDENTIFICATION/CLEARANCE LIGHTS
Q8CH1X	CHASSIS WIRING HARNESS CASING, HEAVY DUTY	CHASSIS WIRING HARNESS CASING
NEXD2X	TAIL LAMP, SERIES 44 LED	TAIL LAMPS

LSXH1X	DRL WHEN ENG RUNNING, PARK BRAKE OFF	LOW BEAM
LBXR1X	ELECTRICAL SYSTEM BRIDGE PLAN (65+65PINS)	
EAXB1X	WIRING FOR TWO AUX. SWITCHES	AUXILIARY SWITCH WIRING
905045	PARK BRAKE AND ENGINE RUNNING ACTIVATED	DAYTIME RUNNING LIGHTS
3VAB1X	ROOF LIGHT BULB, LED	ROOF LIGHT BULB
3UAC1X	ROOF LAMP, BULLET , TRUCKLITE	ROOF LAMP STYLE & MFG.
TRAILER CONNECTIONS:		
Code	Description	Family
008068	LOW PROFILE DECK PLATE	TRAILER ACCESS PACKAGE
WHXQ1X	TRAILER CONNECTION POSITION, BACK OF CAB	TRAILER CONNECTION POSITION
WGXA1X	1 VALVE, TRAILER BRAKE	TRAILER BRAKE VALVE
N5XI5X	WORKING LAMP CAB BACK, 2 LAMPS,WHITE,RECES,LOW MTD,TRUCKLITE	WORKING LAMP
E5BAFX	1270MM (50") GROUND TO 5TH WHEEL TOP HEIGHT	GROUND TO 5TH WHEEL TOP HGT.
6JXG1X	610MM (24.0"), FIFTH WHEEL SLIDING TRAVEL MAX.	FIFTH WHEEL TRAVEL
6GXC1X	HOLLAND HITCH FW35 FIFTH WHEEL	FIFTH WHEEL TYPE
6EXB8X	198MM (7.81"), FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX)	FIFTH WHEEL LEG-HEIGHT
6DXH1X	FIFTH WHL ANG MTG FOR SLIDING 5WH, 24" (AIR OR MAN)	FIFTH WHEEL MOUNTING
5ZXC1X	TRAILER BRAKE HOSE STRAIGHT (3650MM)	TRAILER BRAKE HOSES & CABLES
54XZ2X	7-POL ELECTRICAL TRAILER CONNECTOR (24N)	TRAILER ELECTR. CONNECTORS
53XBAX	TRAILER BRAKE CONNECTION	TRAILER BRAKE CONNECTION
51XD1X	TRLR BRK HOSEHANGER, POGO STICK	TRAILER BRAKE HOSEHANGER
517027	TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB	TRAILER CONNECTIONS
4SAC1X	FIFTH WHEEL TRAVEL, AIR SLIDE CONCEPT	FIFTH WHEEL TRAVEL CONCEPT
4HAA1X	ELECTRICAL RECEPTACLE, SINGLE, STANDARD SAE TYPE	ELECTRICAL RECEPTACLE TYPE
3SAA1X	TRAILER CONNECTORS HOLDER, 2 AIR, 1 ELECTRIC	TRAILER CONNECTORS HOLDER
330AH4	AIR - HOLLAND FW35 ILS SERIES, LH RELEASE (AVAIL: 6.81",7.80	FIFTH WHEEL
322092	DUAL TRUCKLITE SUPER-44 LED 27 DIODE RECESSED IN BOC	TRAILER HOOK-UP LIGHT
321021	SINGLE, 7 PINS STD SAE TYPE, BACK OF CAB	TRAILER RECEPTACLE
301021	HAND CONTROL VALVE FOR TRAILER BRAKES	HAND CONTROL VALVE
2UAA1X	TRAILR ELECTRICAL CABLE CONFIG, STRAIGHT,SHORT(3650MM OR 12')	TRAILR ELECTRICAL CABLE CONFIG
CAB:		
Code	Description	Family
31XB1X	FLOOR MAT, POLYURETHANE, BOTH SIDES	FLOOR MATS
4AXC1X	ELECTRONIC CONTROLLED CLIMATE CONTROL AIR CONDITION	CLIMATE UNIT
786066	5LB (ABC RATED/AMEREX) MOUNTED BETWEEN LH SEAT BASE AND	FIRE EXTINGUISHER
CCXD1X	2ND GA PKG W/ENG OIL TEMP, TRANS OIL TEMP, PYRO, BOOST PRESS	SECONDARY GAUGE PACKAGE
I0XAHX	DOME LAMP, INTERIOR, 2 EACH SIDE, SWITCHES INCLUDED	DOME LAMP, INTERIOR
M3AA1X	REAR AIR SUSPENSION GAUGE	GAUGE, REAR AIR SUSP PRESSURE
N6XA2X	STANDARD GAUGE PACKAGES	GAUGE PACKAGES
N8XD1X	MILES/HOUR, KILOMETER/HOUR SPEEDOM. GRADUATION	SPEEDOM. GRADUATION
X6CB1X	FIRE-EXTINGUISHER MANUFACTURE, AMEREX	FIRE EXTINGUISHER MANUFACTURE
217027	MANIFOLD PRESSURE GAUGE	GAUGE - MANIFOLD PRESSURE
215025	REAR AXLE OIL TEMPERATURE GAUGE	GAUGE - REAR AXLE OIL TEMPERATURE
214024	TRANSMISSION OIL TEMP GAUGE	GAUGE-TRANS.OIL TEMP.
206026	EXHAUST PYROMETER GAUGE	GAUGE - EXHAUST PYROMETER
1ZAB1X	DOOR STORAGE COMPARTMENT, BOTH SIDES	DOOR STORAGE COMPARTMENT
1XAA1X	FIRE EXTINGUISHER LOCATION, DRIVER SEAT	FIRE EXTINGUISHER LOCATION
184AA3	POLYURETHANE FLOOR MAT W/ REMOVABLE INSERTS	FLOOR COVERING
173AA5	BLEND AIR HVAC W/"ATC" TEMP REGULATION	AIR CONDITIONING/HEATER
0CAH1X	EMERGENCY KIT LOCATION MTD PARALLEL & CENTERED AGAINST B.O.C	EMERGENCY KIT LOCATION
0MAA1X	HEADLINER, VINYL	HEADLINER MATERIAL
IFXB1X	REAR WALL STORAGE COMPARTMENT ,FIXED	REAR WALL STORAGE COMPARTMENT
E3XC1X	FORWARD OVERHEAD STORAGE, 3 STORAGE COMPMNT W/NET	FORWARD OVERHEAD STORAGE
DBXA1X	BASIC DASH-BOARD	DASHBOARD
CBXAGX	DRIVER INFO DISPLAY STANDARD	
C52082	DEFAULT: ENGLISH, SPANISH, FRENCH	INSTMNT CLUSTER LANGAGE

784054	EMERGENCY REFLECTOR KIT MOUNTED PARALLEL & CENTERED AGAINST	REFLECTOR KIT
73AJ1X	ANTENNA, RADIO, MIRROR MTD, RIGHT, 48" LENGTH	ANTENNA, RADIO
5JXALX	CB MOUNTING, OVERHEAD COMP, VELCRO STRAP	COM.RADIO PREP KIT (CB)
5CXB2X	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL	SPEAKER LOCATION
5BXB5X	MIRROR MTD ANTENNA CB, LEFT, 48" LENGTH	ANTENNA, CB RADIO
3XCB1X	INTERIOR ILLUMINATION TYPE, LED	INTERIOR ILLUMINATION TYPE
21XA1X	AUX. REAR WINDOW - FIXED	AUXILIARY REAR WINDOW
1WAB1X	POWER LEAD, 5WAY TYPE, HEADLINER MTD	POWER LEADS
174054	PREMIUM STEREO, AM/FM, CD-PLAYER, MP3, WEATHER BAND,	RADIO/RADIO ACCOMODATION
160AA2	ALL CHASSIS KEYED AT RANDOM	KEYED ALIKE CHASSIS
13AA1X	DOOR OPENING OPTION, MANUAL	DOOR OPENING OPTIONS
N1XB5X	DASH, DUAL OUTLET- 12V	ELECTRICAL DASH OUTLET
004034	PREMIUM PACKAGE, STEEL GRAY (Package 12A)	INTERIOR TRIM LEVELS
XRXB1X	ADJUSTABLE STEERING WHEEL, 2 MOTIONS	STEERING WHEEL ADJUSTMENT
WSXBAX	SPLITTED WINDSCREEN	WINDSCREEN TYPE
U7XB1X	INTERNAL SUNVISOR FRONT, BASIC (NO MIRROR), BOTH SIDES	SUNVISOR INTERIOR, FRONT
U4CA1X	PASSENGERS SEAT UPHOLSTERY, VINYL	PASSENGERS SEAT UPHOLSTRY
U3CK1X	DRIVERS SEAT UPHOLSTERY VINYL SIDES, CLOTH CUSHIONS	DRIVERS SEAT UPHOLSTERY
OXXA1X	SAFETY BELT PASSENGER SEAT BLAC	SAFETY BELT PASSENGER SEAT
OUXA1X	SEAT BELT DRIVER SEAT BLAC	SAFETY BELT DRIVER SEAT
NPXB1X	SELF CANCELLING TURN SIGNAL	TURN SIGNALS
NIXA1X	WIPER SWITCH 4 POSITION (GENERIC 2 SPEED PLUS INTERMITTENT F	WIPER SWITCH
MAQB2X	PASSENGER'S SEAT - STEEL GREY VINYL	SEAT COVERING - PASSENGER'S
MAPC2X	DRIVER'S SEAT - STEEL GREY VINYL / CLOTH MIX	SEAT COVERING - DRIVER'S
LYXF1X	WITH STEERING WHEEL SWITCHES	STEERING WHEEL SWITCHES
JQXAAX	WASHER RESERVOIR BASIC POSITION	WASHER RESERVOIR POSITION
D2XA1X	WIPER BLADE, BASIC	WIPER BLADE STYLE
7BAA6X	STEERING WHEEL MATERIAL, LEATHER	STEERING WHEEL MATERIAL
592092	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUST	SEAT BELTS/RETRACTORS
4PXAHX	3 POINTS, BOTH SEATS, WITH HEIGHT ADJ	SEAT BELT
3ZXG2X	DRIVERS SEAT, AIR SUSPENDED	DRIVER SEAT SUPPORT
3PXC1X	SEAT ARMREST SINGLE, BOTH (DRIVER AND PASS.SIDE)	SEAT ARMREST
3AXA1X	CENTRAL DOOR LOCKING	DOOR LOCK CAB
34XB1X	FIXED PASSENGER SEAT	PASS SEAT SUPPORT
2XX35X	ELECTRICAL WINDOW LIFT, BOTH DOORS	WINDOW LIFT
2QAA1X	IGNITION TYPE, KEY	IGNITION TYPE
1HAJ1X	PASSENGER SEAT UPHOLSTERY COLOR, GREY	PASSNGR SEAT UPHOLSTRY COLOR
1GAF2X	SEAT MFG & SERIES, PASSENGER, SEARS GENERIC	SEAT MFG. & SERIES, PASSENGER
1EAJ1X	DRIVER SEAT UPHOLSTERY COLOR, GREY	DRIVER SEAT UPHOLSTERY COLOR
197AA1	MACK-FIXED, HIGH BACK	SEAT - RIDER
196ABQ	MACK-AIR, HIGH BACK, 4 CHAMBER AIR LUMBAR, BOLSTER, EXTENSION	SEAT - DRIVER
161021	2 SPOKE LEATHER GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES	STEERING WHEEL
148AA3	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE	WINDSHIELD WIPERS
145AA1	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)	GLASS - CAB WINDOW
CAB EXTERIOR:		
Code	Description	Family
3HXB1X	WIDE-ANGLE CONVEX MIRROR ,BOTH SIDES	AUXILIARY MIRROR,WIDE-ANGLE
0EAC1X	AIR INTAKE GRILLE, BLACK	AIR INTAKE GRILLE, FINISH
0JAA1X	CAB GRAB HANDLES, OUTER AND INNER, BASIC	CAB GRAB HANDLE
152AC5	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED AND IL	MIRRORS - EXTERIOR
154AA3	(2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB RO	HORN - AIR
157037	SUN VISOR, EXTERIOR, STAINLESS STEEL (UNPAINTED)	SUN VISOR - EXTERIOR
28XH1X	BRIGHT GRILLE (CHROME PLATED), W/BLACK BACKGROUND	FRONT GRILLE
2DX90X	REAR CAB SUSPENSION, AIR	CAB SUSPENSION REAR
2KXA1X	BASIC FRONT WHEEL OPENING	FRONT WHEEL OPENING
340AF1	FIBERGLASS - AXLE FORWARD STYLE	HOOD AND FENDERS

3GXC1X	HEATED, EL. OPERATED EXT. MIRRORS, BOTH SIDES	EXTERIOR MIRROR FEATURES
Q4XADX	AUX. WIN. DOOR ON RIGHT SIDE NON STG WHL POS. DEPEND	DOOR WINDOW FRONT
400AA1	CHROME GRILLE W/ BLACK BACKGROUND	GRILLE
45AA1X	EXT. MIRROR HOUSING SHAPE, AERO WITH EMBLEM	EXTERIOR MIRROR HOUSING SHAPE
47AD1X	MAIN MIRROR HOUSING FINISH, CHROMED	MAIN MIRROR HOUSING FINISH
4UAA1X	HOOD LATCH FINISH, BLACK	HOOD LATCH FINISH
5870G7	PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH	
LXXC1X	1 SINGLE ELECTRIC HORN SINGLE TONE	HORN, ELECTRICAL
WHEELS & TIRES:		
Code	Description	Family
3460G6	24.5 X 8.25 ALUM DISC LVL ONE 10-HP; 11.25" BC,6.60"OUTSET,"	WHEELS - REAR
3PBA1X	WHEEL NUT BASIC FINISH, REAR	WHEEL NUT FINISH, REAR
44AALX	WHEEL FINISHING REAR, MACHINED BUFF	WHEEL FINISHING, REAR
49AALX	WHEEL FINISHING FRONT, MACHINED BUFF	WHEEL FINISHING, FRONT
40AB9X	BASIC, 10 HAND HOLES WHEEL STYLE, FRONT	WHEEL STYLE, FRONT
4QAD7X	WHEEL RIM OFFSET, FRONT 6.60 INCHES	WHEEL RIM OFFSET, FRONT
5310G1	24.5 X 8.25 ALUM DISC LVL ONE 10-HP; 11.25" BC,5.06"INSET,"S	WHEELS - FRONT
900490	11R24.5 TIRES	TIRES/TYPE - FRONT
901AV1	11R24.5 TIRES	TIRES/TYPE - REAR
PAINT:		
Code	Description	Family
922001	CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X	PAINT PROCESS: CHASSIS
924014	SOLID PAINT	PAINT TYPE- AREA A
944AA7	MACK WHITE; P9188	PAINT/VINYL STRIPING - CAB
950AC0	SINGLE COLOR	PAINT/VINYL STRIPING - CAB
951AA6	MACK BLACK (URETHANE); P3036	PAINT - CHASSIS RUNNING GEAR
996AA3	PAINT - CAB, URETHANE CLEAR COAT	PAINT - CAB PAINT SYSTEM

STANDARD TRUCK
WARRANTY CERTIFICATE



Mack Trucks 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' maintenance and inspection requirements are followed. See your local authorized Mack dealer for recommended maintenance and inspection procedures. All warranty periods are calculated from 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 REVERSE SIDE OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This warranty applies to **Model Year 2020 trucks**, manufactured by Mack Trucks, operated in the United States and Canada **with EPA 17 engines**. 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 > 52,000 lbs. (> 23.5 mt.) or GVWR > 80,000 lbs. (> 36 mt.) or GCWR > 143,000 lbs. (> 65 mt.)
Basic Coverage *	12 months or 100,000 miles (160 934 km)	12 months or 100,000 miles (160 934 km)	12 months or 100,000 miles (160 934 km)
Chassis Towing	Towing/Road Service coverage is limited to 90 days or 5,000 miles (8047 km), whichever occurs first, limited to the truck (less trailer) and to a single tow per incident to the nearest authorized Mack Trucks service center. Charges in excess of \$1,000 are not covered unless Mack OneCall™ service is contacted and approves additional amounts prior to tow.		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. See paragraph 19 on reverse side.		
Transmission, Driveline, Rear Axle, Front Non-Drive Steer Axle	36 months or 350,000 miles (563 270 km) Covered Components are as follows: • Manual Transmission – Transmission assembly • Driveline – Bearings, hangers & shafts • Rear Axle – Differential carrier assembly & axle housing • Front Non-Drive Steer Axle – Axle beam, steering knuckle, & tie rod Allison Automatic Transmissions are not covered under this warranty certificate. See paragraph 19 on reverse side.		12 months or 100,000 miles (160 934 km)
Mack Carrier & Axle Housing	60 months or 500,000 miles (804 672 km)	36 months or 300,000 miles (482 803 km)	12 months or 100,000 miles (160 934 km)
Mack T300 Transmission	60 months or 750,000 miles (1 207 008 km)	36 months or 400,000 miles (643 738 km)	12 months or 100,000 miles (160 934 km)
mDRIVE™ Transmission	60 months or 750,000 miles (1 207 008 km) mDRIVE™ and mDRIVE™ HD	mDRIVE™: 36 months or 250,000 miles (402 336 km); mDRIVE™ HD: 36 months with no mileage limitation	12 months or 100,000 miles (160 934 km); mDRIVE™ HD: 24 months with no mileage limitation
mDRIVE™ Clutch	36 months or 300,000 miles (482 803 km) mDRIVE™ and mDRIVE™ HD	36 months or 250,000 miles (402 336 km) mDRIVE™ and mDRIVE™ HD	mDRIVE™: 12 months or 100,000 miles (160 934 km); mDRIVE™ HD: 24 months or 250,000 miles (402 336 km)
mDRIVE™ & T300 Towing	Towing/Road Service on warrantable transmission failures is covered to 24 months or 250,000 miles (402 336 km) whichever occurs first, limited to the truck (less trailer), and to a single tow per incident to the nearest authorized Mack Trucks service center. Charges in excess of \$1,000 are not covered unless Mack OneCall™ service is contacted and approves additional amounts prior to tow.		Not Applicable
Trunnion Bracket	36 months or 300,000 miles (482 803 km) Limited to Trunnion Bracket & Spindle, Suspension Trunnion (Except Bushings)		12 months or 100,000 miles (160 934 km) (same restrictions as Normal & Heavy)
Cab Structure	60 months or 500,000 miles (804 672 km)	24 months or 200,000 miles (321 869 km)	12 months or 100,000 miles (160 934 km)
Internal Cab Corrosion	60 months or 500,000 miles (804 672 km)	60 months or 500,000 miles (804 672 km)	60 months or 500,000 miles (804 672 km)
Frame Rail / Crossmembers	Covered only where metal is perforated from the inside to the outside. See paragraph 18 on the reverse side. 60 months or 500,000 miles (804 672 km) AN/CXU/PI/CHU Models Only: 72 months or 750,000 miles (1 207 008 km)		12 months or 100,000 miles (160 934 km)
Noise Emission	LIFE OF VEHICLE: Mack Trucks 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.		

*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 Loose Hose Clamps.

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

LIMITATIONS – Mack Trucks' obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. The defective parts or assemblies replaced shall become the property of Mack Trucks. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. 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.

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, including, but not limited to, mud flaps and brackets, brake linings, clutch brake, and clutch linings, 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-GENUINE PARTS:** Any failure of any vehicle, component or part caused by the 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. During a warrantable repair, additional time to remove any customer installed components will not be covered under warranty. 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 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. Cab corrosion where metal is perforated from the outside to the inside is not covered.
19. **VENDOR ENGINES, ALLISON AUTOMATIC TRANSMISSIONS and ALTERNATE FUEL STORAGE AND DELIVERY SYSTEMS:** Vendor engines, Allison automatic transmissions and alternate fuel (CNG/LNG/DME) fuel storage/delivery components used in Mack trucks are warranted by their respective manufacturers and not by Mack Trucks, Inc. Refer to the 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, or 402,000 kilometers.
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 salt/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, REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO 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, INDIRECT, AND INCIDENTAL DAMAGES. MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.

MACK®

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

STANDARD ENGINE
WARRANTY CERTIFICATE
(EPA 17 and Newer, Model Year 2020)



Mack Trucks warrants certain individual components of each new Mack MP®7 and MP8 EPA 17 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’ 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 MP®7 and MP8 engines meeting EPA 17 and newer emission requirements in new Mack trucks operated in the United States and Canada installed in Model Year 2020 trucks.

Standard Mack Engine Components Coverage: 24 months or 250,000 miles (402 336 km), whichever occurs first, unless otherwise noted.

Major Components Coverage: 60 months or 500,000 miles (804 672 km), whichever occurs first.

USE OF IMPROPER OR UNAPPROVED FUEL OR ENGINE OIL WILL VOID THE ENGINE AND AFTERTREATMENT SYSTEM (DIESEL PARTICULATE FILTER) WARRANTIES. EPA 17 EMISSION MACK ENGINES REQUIRE THE USE OF MACK SPECIFICATION EOS 4.5 HIGH PERFORMANCE DIESEL ENGINE OIL AND ULTRA LOW SULFUR DIESEL (ULSD) FUEL.

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

SEE FOLLOWING TABLE FOR SPECIFIC COVERAGES:

Covered Standard Components List: 24 Months or 250,000 miles (402 336 km)	Qualifications and Limitations
Air Compressor	Includes: Sprocket and Mounting Bolts
Bearings	All internally 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	Includes: Casting, Main Caps, and Bolts
Cylinder Block Heater	
Cylinder Head	Includes: Assembly, Casting, Bolts, Plugs, and Sleeves
Diesel Particulate Filter Assembly (DPF) / Diesel Oxidation Catalyst (DOC) / Selective Catalytic Reduction (SCR)	Includes: Aftertreatment Hydrocarbon Injector (AHI), Aftertreatment Wiring Harness, Aftertreatment Control Module, Diffuser Pipe (AHI Mounting), Fuel Lines to AHI Injector, AHI Shutoff Valve, AHI Fuel Pressure Sensor, Pre-Catalyst Temperature Sensor, Post-Catalyst Temperature Sensor, Downstream DPF Temperature Sensor, Differential Pressure Sensor, Particulate Matter (PM) Sensor, SCR Assembly, DEF Pump Assembly (Pump Reverting Valve, Pump Pressure Sensor), DEF Injector, DEF Tank Heating Control Valve, and NOx (SCR Inlet and Outlet) Sensor
EGR (Exhaust Gas Recirculation) Components	All components including Clamps, Control Valve, Cooler, Fittings, Gaskets, Mixer, Pipes, and EGR Wiring Harness. Excludes: EGR Cooler Vibration Damper which is a maintenance item.
Electrical EA Harness Supplied with Engine	From EECU to sensors and injectors and actuators
Engine Electronic Control Unit (EECU)	
Engine Brake Mechanism - PowerLeash™	Factory installed only. Includes: PowerLeash™ Control Valve and PowerLeash™ Rocker Arms. Turbo Compound (TC) engine: Closed Loop Butterfly (CLB)

Continued on Page 2...

Covered Standard Engine Components List: 24 Months or 250,000 miles (402 336 km)	Qualifications and Limitations
Exhaust Manifold	Includes: Casting, Joint Seals, Rings, and Wraps
Fan Belt Tensioner Assemblies and Bracket	Excludes: Fan Belts
Flywheel	Includes: Housing and Ring Gear
Fuel Filter Housing	Excludes: Filters
Fuel Injection System	Includes: Injectors and Common Rail Assembly (Electronic Fuel Pressure Regulator and Pressure Sensor)
Fuel Transfer Pump	
Gaskets, Seals, O Rings, and Silicon Sealant	
Gears	All internally lubricated gears only (Timing and Idler gears)
Hoses and Lines Supplied with Engine	Fluid carrying: Engine to engine mounted
Idler Pulleys	
Intake Manifold and Throttle Assembly	
Ladder Frame	
Oil Cooler	Engine Oil Cooler only
Oil Fill Tube and Cap	
Oil Filter Housing	Excludes: Oil Filters. Includes: All control valves and sensors contained in the Oil Filter Housing.
Oil Pan	
Oil Pump	
Piston Assembly	Includes: Cooler Nozzles, Liners, Pistons, and Rings
Pneumatic Control System	TC Engine: Air Valve Unit, Buffer Valve Unit, and Check Valve
Power Steering Pump	
Pre-Heater	Factory installed only. Includes: Preheat Relay, Terminals, and Power Cables
PTO Drive / REPTO (Rear Engine Mounted PTO Drive)	Factory installed only. Excludes: All Pumps or Driven Gears
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.
Sensors (On Engine)	Includes: Coolant Temperature, Crankcase Pressure, Crankshaft (Engine Timing), EGR Temperature and Pressure, Engine Oil Level and Temperature, Engine Oil Pressure, Engine Position (Camshaft), Fuel Pressure and Temperature, Intake Boost Pressure and Temperature, and Inlet Manifold Air (Temperature and Pressure)
Starter Motor	
Telematics Gateway	TGW Unit and Associated Hardware (Antenna, Cab Overlay Harness, Antenna Cables)
Thermostat (Coolant)	Includes: Thermostat Side Cover
Timing Gear Cover and Plate	
Towing	Towing/Road Service on warrantable engine failures is covered to 24 months or 250,000 miles (402 336 km) whichever occurs first, limited to the truck (less trailer) and to a single tow per incident to the nearest authorized Mack service center. Charges in excess of \$1,000.00 are not covered unless Mack OneCall™ service is contacted and approves additional amounts prior to tow.
Turbocharger Assembly	Includes: VGT Actuator Module and Turbo Compound (TC) Assembly, if included
Valve Assembly	Includes: Guides, Keepers, Rotators, Seats, Springs, and Valves. 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	
Water Pump Assembly	
Covered Major Engine Components List: 60 Months or 500,000 miles (804 672 km)	Qualifications and Limitations
Camshaft, Caps, and Bolts	Failures resulting from the valve & injector adjustments not being maintained properly are <u>NOT</u> covered. Normal maintenance adjustments are <u>NOT</u> covered.
Connecting Rods, Caps, and Bolts	
Crankshaft Forging	
Cylinder Block Casting, Main Caps, and Bolts	
Cylinder Head Casting and Bolts	
Exhaust Manifold Casting	
Flywheel Housing	
Gears	All internally lubricated gears only (Timing and Idler Gears)
Intake Manifold Housing	
Ladder Frame	
Thermostat Housing	
Timing Gear Cover and Mounting Plate	

Continued on Page 3...

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

LIMITATIONS – Mack Trucks' obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. The defective parts or assemblies replaced shall become the property of Mack Trucks. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. 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.

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, including, but not limited to, mud flaps and brackets, brake linings, clutch brake, and clutch linings, 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-GENUINE 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. During a warrantable repair, additional time to remove any customer installed components will not be covered under warranty. 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 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. Cab corrosion where metal is perforated from the outside to the inside is not covered.
19. **VENDOR ENGINES, ALLISON AUTOMATIC TRANSMISSIONS and ALTERNATE FUEL STORAGE AND DELIVERY SYSTEMS:** Vendor engines, Allison automatic transmissions and alternate fuel (CNG/LNG/DME) fuel storage/delivery components used in Mack trucks are warranted by their respective manufacturers and not by Mack Trucks, Inc. Refer to the 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, or 402,000 kilometers.
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 salt/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, REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO 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, INDIRECT, AND INCIDENTAL DAMAGES. MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.

MAEK®

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



MACK CERTIFIED WARRANTY

RATE CARD

Mack Certified is the best used truck warranty on the market. You can enjoy a nearly seamless warranty transition between the Mack factory warranty and the Mack Certified warranty. All Certified eligible trucks are within 8 model years or newer and can add an Uptime Service Bundle (Guard Dog Connect, ASIST, Over the Air Programming and Mack One Call) to qualifying model years.

Engine Coverage: 6 Model Years & Newer and up to 500,000 Miles
Eligibility - For Mack Certified (Normal and Heavy Duty)

Term	Classic (Engine + M Drive + EATS)
12-months/125,000 miles	\$7,863
24-months/250,000 miles	\$10,343

*Trucks with Eaton transmissions are eligible for Mack engine coverage.

Engine Coverage: 8 Model Years & Newer and/or 500,001 to 650,000 Miles
Eligibility - For Mack CPOx (Normal and Heavy Duty)

Term	CPOx (Engine + M Drive + EATS)
12-months/100,000 miles	\$8,619
24-months/200,000 miles	\$11,099

*Trucks with Eaton transmissions are eligible for Mack engine coverage.

Uptime Service Add-on
Stay connected and protected when you need it the most. Model year 2019 and newer are eligible to add on one of our uptime services bundles for the duration of your Mack Certified or CPOx warranty.

Guard Dog Connect Bundle
Services include Guard Dog Connect, Mack OneCall and ASIST.

Subscription Length	Cost
12-months	\$269
24-months	\$490

Full Uptime Bundle
Services include Guard Dog Connect, Mack OneCall, Over the Air Programming and ASIST.

Subscription Length	Cost
12-months	\$314
24-months	\$580

Mack Certified Warranty Plan Summary

Mack Certified (Engine + M Drive + Uptime Service Bundle) Component Coverage:
Air Compressor
Camshaft
Coolant Housing
Control Housing/Shifter Assembly
Cylinder Block and Head
EGR System
Engine and Sensor Harness
Engine Control Module
Engine Mounted Sensors
Fan Belt Tensioner Assembly & Bracket
Flywheel
Gearbox
Idler Pulley
Injectors
Injector Sleeves
Range Housing Assembly
Oil Pump
Tandem Pump
Turbocharger
Uptime Bundle Services (Guard Dog Connect, Mack OneCall, ASIST)

Mack Certified (Engine + Uptime Service Bundle) Component Coverage:
Air Compressor
Camshaft
Control Housing/Shifter Assembly
Cylinder Block and Head
EGR System
Engine and Sensor Harness
Engine Control Module
Engine Mounted Sensors
Fan Belt Tensioner Assembly & Bracket
Flywheel
Gearbox
Idler Pulley
Injectors
Injector Sleeves
Range Housing Assembly
Oil Pump
Tandem Pump
Turbocharger
Uptime Bundle Services (Guard Dog Connect, Mack OneCall, ASIST)

Aftertreatment Exhaust Plan (optional addition to Mack Certified Warranties)
Aftertreatment Control Module
DEF Pump Assembly
DEF Tank Assembly
Exhaust Aftertreatment Sensors
SCR Assembly

For additional information and a full list of covered components for the Mack Certified Warranty, see the legal certificate.





MACK CERTIFIED WARRANTY BASE (ENGINE + TRANSMISSION) AND EXHAUST AFTERTREATMENT SYSTEM (EATS)

CERTIFIED WARRANTY CERTIFICATE

National Truck Protection Co., Inc. d/b/a Premium 2000+ ("Premium 2000+"), 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 warranty ("Base + EATS 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 Base + EATS Protection Plan. All warranty periods are calculated from date in service. This Base + EATS Protection Plan applies only to Mack trucks operated exclusively in the United States and Canada.

Premium 2000+'s obligation under this Base + EATS Protection Plan is limited to, at its sole option, repair or replacement at a Mack Trucks, Inc. ("Mack Trucks") authorized dealer of Covered Parts that are returned within the coverage period and acknowledged by Mack Trucks, as Premium 2000+'s authorized administrator, to be defective. Covered repairs must be performed by a Mack Trucks authorized dealer. All coverage is 100% for parts and labor, subject to the coverage limits and deductibles below, except as noted. All parts replaced shall become the property of Mack Trucks.

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

Covered Parts List

Engine Covered Parts	Qualifications and Limitations
Air Compressor	Includes: sprocket and mounting bolts
Bearings	All internally lubricated bearings and bushings only.
Camshaft, Caps and Bolts	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.
Connecting Rods, Caps, and Bolts	
Coolant Duct Cover	
Coolant Pump Assembly	
Crankcase Ventilation Assembly	
Crankshaft	
Crankshaft Hub	
Cylinder Block	Includes: Casting, main caps, bolts
Cylinder Block Heater	
Cylinder Head	Includes: assembly, casting, bolts, plugs, sleeves
EGR (Exhaust Gas Recirculation) Components	All components including clamps, control valve, cooler, fittings, gaskets, mixer, pipes, and EGR wiring harness. Excludes: EGR cooler vibration damper which is a maintenance item.
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. NEITHER PREMIUM 2000+ NOR MACK TRUCKS ASSUMES OR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.

This Warranty is subject to Mack Trucks' Standard Warranty Limitations and Exclusions, which are printed on page 3 - 4 of this Warranty Certificate and are available through a Mack Trucks authorized dealer.

MACK CERTIFIED WARRANTY BASE (ENGINE + TRANSMISSION) AND EXHAUST AFTERTREATMENT SYSTEM (EATS)



Covered Parts	Qualifications and Limitations
Electrical EA Harness Supplied with Engine	(From EECU to sensors and injectors and actuators)
Engine Brake Mechanism (VEB)	Includes: VEB control valve and VEB rocker arms (factory installed only)
Engine Electronic Control Unit (EECU)	
Engine Heat Shield	
Exhaust Manifold	Includes: Casting, joint seals, rings or wraps
Engine Mounted Sensors	Includes: Coolant temperature, crankcase pressure, crankshaft (engine timing), EGR temperature and pressure, engine oil level and temperature, engine oil pressure, engine position (camshaft), fuel pressure and temperature, intake boost pressure and temperature, inlet manifold air (temperature and pressure)
Fan Belt Tensioner Assembly and Bracket	Excludes: Fan belts
Flywheel	Includes: Housing and ring gear
Fuel Filter Housing	Excludes: Filters
Fuel Injection System	Includes: Injectors, sleeves, common rail assembly (electronic fuel pressure regulator and pressure sensor)
Fuel Transfer Pump	
Gaskets, Seals, O Rings, Silicon Sealant	
Gears	All internally lubricated gears only (timing and idler gears)
Hoses and Lines, Supplied with Engine	Fluid carrying: engine to engine mounted
Idler Pulleys	
Intake Manifold and Throttle Assembly	
Ladder Frame	
Oil Cooler	Engine oil cooler only
Oil Fill Tube and Cap	
Oil Filter Housing	Excludes: Oil filters
Oil Pan	
Oil Pump	
Piston Assembly	Includes: Cooler nozzles, liners, pistons, rings
Power Steering Pump	
Pre-Heater	Includes: Preheat relay, terminals, power cables. Factory installed only.
PTO Drive / REPTO (Rear Engine Mounted PTO Drive)	Factory installed only; Excludes all pumps or driven gears
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 NOT covered. Normal maintenance adjustments are NOT covered.
Thermostat (Coolant)	Includes: Thermostat side cover
Timing Gear Cover and Mounting Plate	
Turbocharger Assembly	Includes: VGT actuator module, turbo compounding assembly, if included
Valve Assembly	Includes: Guides, keepers, rotators, seats, springs, valves; failures resulting from the valve adjustments not being maintained properly are NOT covered. Normal maintenance adjustments are NOT covered.
Valve Cover	
Valve Yokes (Bridge) and Pins	Failures resulting from the valve adjustments not being maintained properly are NOT covered. Normal maintenance adjustments are NOT covered.
Vibration Dampers and Bolts	

This Warranty is subject to Mack Trucks' Standard Warranty Limitations and Exclusions, which are printed on page 3 - 4 of this Warranty Certificate and are available through a Mack Trucks authorized dealer.



MACK CERTIFIED WARRANTY BASE (ENGINE + TRANSMISSION) AND EXHAUST AFTERTREATMENT SYSTEM (EATS)

Transmission I-Shift Components	Qualifications and Limitations
Bearings	Limited to: Internal Lubricated Bearings
Control Housing with Selector Unit (Top Cover)	Limited to: Countershaft Brake Solenoid, Gear Position Sensors, Oil Temperature Sensors, Shaft Speed Sensors, Shift Forks with their Cylinder, Shift Solenoids, Transmission ECU, Clutch Valve Unit, Clutch Control Cylinder.
Countershaft	Limited to: Countershaft & Countershaft Fixed Gears & Extension
Crawler Gear, Gear Input and Counter Shafts, Housing and Valve Unit	If factory equipped
Drive Shaft for PTO	If factory equipped
Engaging Sleeve (2 position)	
Gaskets, Seals and O-Rings	Excludes: Sight Glass, Oil plug, Fill Plug and Oil Level
Input Shaft	
Main Housing and Extension	Excludes: Sight Glass, Oil plug, Fill Plug and Oil Level
Main Shaft	Limited to: Main Shaft & Trailing Wheel for Reverse Gear, Main Gears, Range Section Sun Gear
Oil Cooler	Limited to: Side mount oil to water cooler, oil supply line, and oil return line
Oil Filter Housing	Excludes: Drain Plug
Oil Pump with Reverse Shaft	
Range Housing Helical Gears	
Range Output Shaft	
Range Gear with Selector Unit	
Range Housing	
Range Planetary Gear Assembly	
Shift Yoke	
EATS Components	Qualifications and Limitations
Aftertreatment Control Module (ACM)	
AHI Module, Nozzle and Valve	
DEF Pump Assembly	
DEF Tank Assembly	Includes: Tank, Tank Heater/Sender, Heated hoses
DPF Assembly	Includes: AHI / 7th Injector
Exhaust Aftertreatment Sensors	Includes: Sensor harnesses that is part of DPF and SCR assemblies. Does not include chassis harness.
SCR Assembly	

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

LIMITATIONS: Premium 2000+'s obligation under this Base + EATS Protection Plan and any coterminous "Supplemental Protection Plan(s)" the owner may have purchased from Premium 2000+ with respect to the same covered vehicle (including without limitation the Mack Certified Warranty Exhaust Aftertreatment System), is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. The defective parts or assemblies replaced shall become the property of Mack Trucks North America. Warranty repairs performed by an authorized Mack dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Mack Trucks dealer upon discovery and the vehicle must be made available, in a timely fashion during the coverage period, for repair. The following are deductibles and liability limits for this Base + EATS Protection Plan:

1. **DEDUCTIBLE:** \$350 per covered claim.
2. **LIMIT OF LIABILITY:** \$30,000 total claim limit per covered vehicle.

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, including, but not limited to, mud flaps and brackets, brake linings, clutch brake, and clutch linings, 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:** Premium 2000+ or 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-GENUINE PARTS:** Any failure of any vehicle, component or part caused by the 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, disable, or altered, may not be covered by this warranty.
12. **ACCESS TO INFORMATION:** Owner must allow Premium 2000+ and/or Mack Trucks full access to all stored and broadcasted data from 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, seals, 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. During a warrantable repair, additional time to remove any customer installed components will not be covered under warranty. 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 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 were previously damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
19. **VENDOR ENGINES, ALLISON AUTOMATIC TRANSMISSIONS and ALTERNATE FUEL STORAGE AND DELIVERY SYSTEMS:** Vendor engines, Allison automatic transmissions and alternate fuel (CNG/LNG/DME) fuel storage/delivery components used in Mack trucks are warranted by their respective manufacturers and not by Premium 2000+ or Mack Trucks. Refer to the manufacturers' warranty statements.
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MACK®

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

Bruckner's Truck & Equip
1200 NE Loop 820
Ft Worth, TX 76106

JUN 09 2023

JACK COUNTY AUDITOR

RECEIVED

JUN 09 2023

1:16 pm
Carlae Chas

JACK COUNTY AUDITOR

Jack County
100 N. Main St.
Jacksboro, TX 76458

ITB: Precinct #2

2020 or Newer Truck Tractor

SEALED BID