



# **City of Bixby Bixby Public Works Authority Meeting Agenda**

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|----------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Monday, December 11, 2023</b> | <b>Immediately Following the<br/>City Council Meeting</b> | <b>City Hall Municipal Building<br/>116 W. Needles Ave., Bixby,<br/>OK 74008</b> |
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**Public comments are limited to items on the agenda. Those wishing to speak on agenda items will need to appear in the City Council Chamber.**

## **Call to Order**

Chairman

## **Roll Call**

Shannon Duran, City Clerk

## **Consent Agenda**

### **Secretary's Report**

### **Consider and Approve:**

- 1) Minutes for the Bixby Public Works Authority meeting dated 11/13/23.
- 2) Discuss and/or take action on Water Tap Application for David Leon at 15354 E 181st Street South, Bixby, OK in Tulsa County, OK.
- 3) Discuss and/or take action on purchasing unleaded gasoline and diesel for \$25,000.
- 4) Approve repairs to WWTP main pump; total cost \$8,296.
- 5) Approve repairs to Saker Lift Station Pump; total cost \$3,980.
- 6) Discuss and/or approve the acquisition of a 2024 Mack GR64F Dump Truck from Bruckner's Truck and Equipment at a cost of \$214,000 for the WWTP.

## **Regular Agenda**

- 1) **New Business**  
In accordance with the Open Meeting act, Title 25 O.S. § 311.A.10, new business is defined as any matter not known about or which could not have been reasonably foreseen prior to the time of posting the agenda.

## 2) Adjournment

### **Notice of Posting**

This Notice and Agenda was posted on the bulletin board this day of December 8, 2023, on or before 6:00 p.m., at City Hall, 116 W. Needles Bixby, Oklahoma.

Respectfully Submitted

Shannon Duran  
City Clerk

Note: All cell phones and pagers must be turned off or operated silently during all meetings.

21 O.S. Section 280 provides the following: A. It is unlawful for any person, alone or in concert with others and without authorization, to willfully disturb, interfere or disrupt state business, agency operations or any employee, agent, official or representative of the state. B. It is unlawful for any person who is without authority or who is causing any disturbance, interference or disruption to willfully refuse to disperse or leave any property, building or structure owned, leased or occupied by state officials, employees, agents or representatives or used in any manner to conduct state business or operations after proper notice by a peace officer, sergeant-at-arms, or other security personnel. C. Any violation of the provisions of this section shall be a misdemeanor punishable by imprisonment in the county jail for a term Oklahoma Statutes - Title 21. Crimes and Punishments Page 94 of not more than one (1) year, by a fine not exceeding One Thousand Dollars (\$1,000.00), or by both such fine and imprisonment. D. For purposes of this section, "disturb, interfere or disrupt" means any conduct that is violent, threatening, abusive, obscene, or that jeopardizes the safety of self or others.

### **For Special Accommodations**

Persons who require a special accommodation to participate in this meeting should contact City Clerk, Shannon Duran: 116 West Needles Avenue, Bixby, Oklahoma, 918-366-4430 or email [City Clerk, Shannon Duran](mailto:sduran@bixbyok.gov) (sduran@bixbyok.gov), as far in advance as possible and preferably at least 48-hours before the date of the meeting. Persons using a Telecommunication Device for the Deaf may contact Oklahoma Relay at 1-800-722-0353 and voice calls should be made to 1-800-522-8506 to communicate via telephone with hearing telephone users and vice versa.

# **Bixby Public Works Authority Meeting Minutes**

City Hall Municipal Building  
116 W. Needles Ave., Bixby, OK 74008  
November 13, 2023 at 6:00 PM

The agenda for the regularly scheduled meeting of the Bixby Public Works Authority of the City of Bixby was posted on the bulletin board at City Hall, 116 West Needles Avenue, Bixby, Oklahoma on November 9, 2023, on or before 5:00 p.m.

## **Call to Order**

Mayor Guthrie called the meeting to order at 6:29 pm.

## **Roll Call**

Shannon Duran, City Clerk, called the roll, and the following were present:

### **Members Present**

Mayor Guthrie  
Vice Mayor Founds  
Councilor Girard  
Councilor Revelis  
Councilor Hirshey

### **Staff Present**

Jared Cottle, City Manager  
Shannon Duran, City Clerk  
Phil Frazier, City Attorney  
Charles Barnes, Finance Director  
Bea Aamodt, Public Works Director  
Joey Wiedel, City Planner  
Todd Blish, Police Chief  
Mike Butler, Fire Chief  
Justin Dowd, City Engineer  
Bryan Toney, Public Information Officer

## **Consent Agenda**

- 1) Approve minutes for Bixby Public Works meeting date 10/23/23.
- 2) Consider and/or approve a purchase order for \$60,000 to replace damaged fire hydrants.
- 3) Approve an Inter-Local Agreement with Broken Arrow Municipal Authority to share the cost of the Study for Supplemental Water Connection and approve a \$50,000 design fee for Garver Engineering.

Mayor Guthrie said Items 1-3 on the Consent Agenda is up for discussion and consideration.  
Others who spoke: Bea Aamodt, Public Works Director

Councilor Revelis inquires as to item 3. Bea Aamodt advises the Council that this is for a feasibility study between Broken Arrow and the City of Bixby. This study will look into the infrastructure to see if it would be feasible to connect systems to see if it can be done and where the best location would be. This is only Phase 1 of the project. If it is feasible the project would move to Phase II. Councilor Revelis states that the water is a big concern for the citizens so feasibility would have to make sense. Mayor Guthrie inquired about the \$90,000 Agreement amount with Garver. The total amount for the study is \$80,000, which would be divided equally with Broken Arrow Municipal Authority "BAMA". The other \$10,000 is for our Hydraulic Model to be updated.

Mayor Guthrie asks for a motion to approve items 1-3. Vice Mayor Founds made a motion to approve, seconded by Councilor Hirshey. The vote was taken with the following results:

Carried:5-0

Ayes: Founds, Hirshey, Girard, Revelis, Guthrie

Nays: 0

## **Regular Agenda**

### 1) New Business

In accordance with the Open Meeting act, Title 25 O.S. § 311.A.10, new business is defined as any matter not known about or which could not have been reasonably foreseen prior to the time of posting the agenda.

No new business

### 2) Adjournment

Adjournment was called at 6:29 pm

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Mayor

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City Clerk

# Consent Agenda Item Commentary

**Item Title**

Discuss and/or take action on Water Tap Application for David Leon at 15354 E 181st Street South, Bixby, OK in Tulsa County, OK.

**Initiator**

Justin Dowd

**Staff Information Source**

Justin Dowd

**Background**

David Leon is requesting a water tap for residential service at 15354 East 181<sup>st</sup> Street South, Bixby, OK in Tulsa County, OK.

The approved tap location is on the south side of 181st in Bixhoma Lake Estates. David Leon is responsible for obtaining any off-site easements and permits from the County for the installation of the private water service line.

**Exhibits**

1. Location Map

**Key Issue**

Water Tap Approval

**Council Action**

Approve water tap (outside the City limits)

**Recommendation**

Approval

**Item No: 2.****Meeting Date**

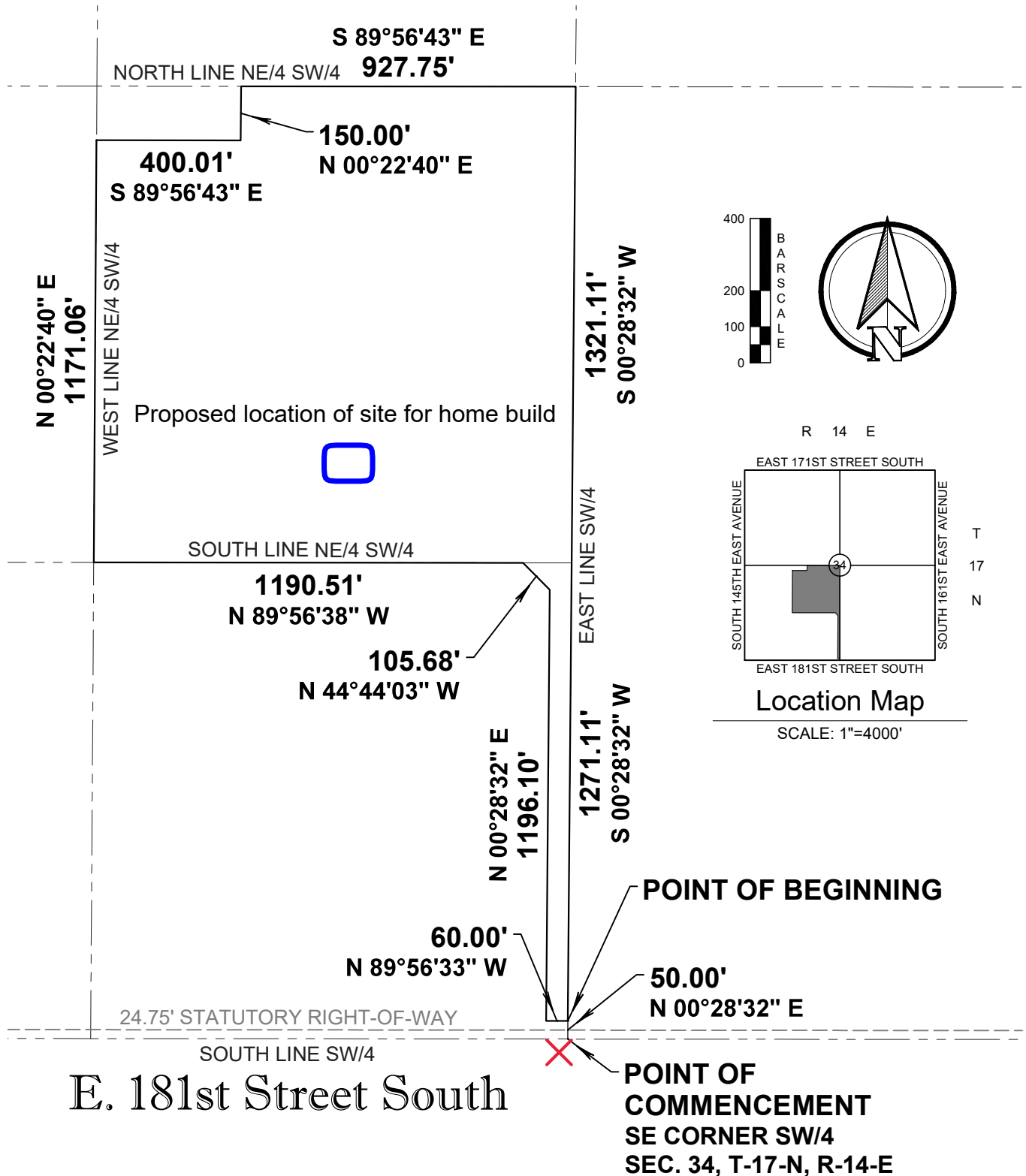
December 11, 2023

**Meeting**

20231211 Bixby Public Works Authority Agenda

# EXHIBIT C1

## EXHIBIT OF LEGAL DESCRIPTION



✗ Marks location of water tap on E.181st ST.

# EXHIBIT C2

## LEGAL DESCRIPTION

### Legal Description

A PART OF THE SOUTHWEST QUARTER (SW/4) OF SECTION THIRTY-FOUR (34), TOWNSHIP SEVENTEEN (17) NORTH, RANGE FOURTEEN (14) EAST OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF.

#### MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER (SW/4) OF SECTION THIRTY-FOUR (34), TOWNSHIP SEVENTEEN (17) NORTH, RANGE FOURTEEN (14) EAST OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF; THENCE N 00° 28' 32" E, ALONG THE EAST LINE OF SAID SOUTHWEST QUARTER (SW/4), A DISTANCE OF 50.00 FEET, TO **THE POINT OF BEGINNING**; THENCE N 89° 56' 33" W, PARALLEL WITH AND 50.00 FEET NORTH OF THE SOUTH LINE OF SAID SOUTHWEST QUARTER (SW/4), A DISTANCE OF 60.00 FEET; THENCE N 00° 28' 32" E, PARALLEL WITH AND 60.00 FEET WEST OF THE EAST LINE OF SAID SOUTHWEST QUARTER (SW/4), A DISTANCE OF 1196.10 FEET, TO A POINT THAT IS 75.00 FEET SOUTH OF THE SOUTH LINE OF THE NORTH EAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE N 44° 44' 03" W A DISTANCE OF 105.68 FEET, TO A POINT ON THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4), SAID POINT BEING 135.00 FEET WEST OF THE SOUTHEAST CORNER OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE N 89° 56' 38" W, ALONG THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4), A DISTANCE OF 1190.51 FEET, TO THE SOUTHWEST CORNER OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE N 00° 22' 40" E, ALONG THE WEST LINE OF SAID THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4), A DISTANCE OF 1171.06 FEET, TO THE SOUTHWEST CORNER OF THE NORTH 150.00 FEET OF THE WEST 400.00 FEET OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE S 89° 56' 43" E, PARALLEL WITH AND 150.00 FEET SOUTH OF THE NORTH LINE OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4), A DISTANCE OF 400.01 FEET, TO THE SOUTHEAST CORNER OF SAID NORTH 150.00 FEET OF THE WEST 400.00 FEET OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE N 00° 22' 40" E, PARALLEL WITH AND 400.00 FEET EAST OF THE WEST LINE OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4), A DISTANCE OF 150.00 FEET, TO THE NORTHEAST CORNER OF SAID NORTH 150.00 FEET OF THE WEST 400.00 FEET OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE S 89° 56' 43" E, ALONG THE NORTH LINE OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4), A DISTANCE OF 927.75 FEET, TO THE NORTHEAST CORNER OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE S 00° 28' 32" W, ALONG THE EAST LINE OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4), A DISTANCE OF 1321.11 FEET, TO THE SOUTHEAST CORNER OF SAID NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER (NE/4 SW/4); THENCE CONTINUING S 00° 28' 32" W, ALONG THE EAST LINE OF THE EAST TEN (10) ACRES OF THE SOUTHEAST QUARTER OF SAID SOUTHWEST QUARTER (SE/4 SW/4), A DISTANCE OF 1271.11 FEET, **TO THE POINT OF BEGINNING**.

SAID TRACT OF LAND CONTAINING 40.67 ACRES / 1,771,634.67 SQUARE FEET.

THIS LEGAL DESCRIPTION WAS CREATED ON MARCH 9, 2020 BY ALBERT R. JONES, III, OK PLS #1580, WITH THE BASIS OF BEARING BEING N 89° 56' 33" W, ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW/4) OF SECTION THIRTY-FOUR (34), TOWNSHIP SEVENTEEN (17) NORTH, RANGE FOURTEEN (14) EAST OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF.

### Surveyor's Statement

I, ALBERT JONES III, CERTIFY THE ATTACHED LEGAL DESCRIPTION CLOSES IN ACCORD WITH EXISTING RECORDS, IS A TRUE REPRESENTATION OF THE LEGAL DESCRIPTION AS DESCRIBED, AND MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING OF THE STATE OF OKLAHOMA.



ALBERT JONES III  
AJ@ATLASLANDOFFICE.COM  
PROFESSIONAL LAND SURVEYOR  
OKLAHOMA NO. 1580

3-19-20



## CONSENT AGENDA ITEM COMMENTARY

ITEM TITLE: Discuss and/or take action on purchasing unleaded gasoline and diesel for \$25,000

INITIATOR: Bea Aamodt

STAFF INFORMATION SOURCE: Heath Wright

BACKGROUND: Renewable Purchase Order to purchase gasoline and Diesel. Quotes are obtained before purchasing fuel to purchase at the lowest possible price per gallon.

EXHIBITS: None

KEY ISSUE: Gasoline and Diesel for city vehicles and equipment

COUNCIL ACTION: Approve or deny

RECOMMENDATION: Approve.

ITEM NO: \_\_\_\_\_

MEETING DATE: 12-11-23

MEETING: BPWA

## CONSENT AGENDA ITEM COMMENTARY

ITEM TITLE: Approve repairs to WWTP main pump; total cost \$8,296

INITIATOR: Bea Aamodt

STAFF INFORMATION SOURCE: Heath Wright

BACKGROUND:

- Rebuild Main Pump No. 1 - Parts, labor, and delivery to correct alignment, grease couplings, new bearings, new silica seal and new mechanical seal.

EXHIBITS: None

KEY ISSUE: WWTP Maintenance

COUNCIL ACTION: Approve

RECOMMENDATION: Approve

ITEM NO: \_\_\_\_\_

MEETING DATE: 12/11/2023

MEETING: BPWA

## CONSENT AGENDA ITEM COMMENTARY

ITEM TITLE: Approve repairs to Saker Lift Station Pump; total cost \$3,980

INITIATOR: Bea Aamodt

STAFF INFORMATION SOURCE: Heath Wright

BACKGROUND: Rebuild 7.5 HP at Saker Lift Station –Parts, labor, and delivery to disassemble, check, steam clean, test, recondition windings, furnish and install bearings, new mechanical seals and O-rings, new cord, assemble, test and paint; \$3,980

EXHIBITS: None

KEY ISSUE: Lift Station Maintenance

COUNCIL ACTION: Approve

RECOMMENDATION: Approve

ITEM NO: \_\_\_\_\_

MEETING DATE: 12/11/2023

MEETING: BPWA

## REGULAR AGENDA ITEM COMMENTARY

ITEM TITLE: Discuss and/or approve the acquisition of a 2024 Mack GR64F Dump Truck from Bruckner's Truck and Equipment at a cost of \$214,000 for the WWTP

INITIATOR: Bea Aamodt

STAFF INFORMATION SOURCE: Erik Dye

BACKGROUND: Currently, the City is paying an outside trucking company to haul sludge to the landfill from the WWTP. The cost is between \$15,000 and \$19,000 per month depending on the load.

EXHIBITS: Dump Truck Specifications

KEY ISSUE: Dump Truck Purchase

COUNCIL ACTION: Approve purchase order.

RECOMMENDATION: Approve purchase order.

ITEM NO: \_\_\_\_\_

MEETING DATE: 12-11-2023

MEETING: BPWA

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Model Description</b>     | GRANITE 64FR                      |
| <b>Specification Market</b>  | North America - Mack NAT ( USAM ) |
| <b>CDD</b>                   | 03/16/2023                        |
| <b>Specification Version</b> | 23*                               |

#### MODEL DEFINING

##### Variant Description

BRAND MACK  
GRANITE AXLE FORWARD, CONVENTIONAL (GRF)  
GR64F

##### Variant Description

GRANITE 64FR  
FACTORY MACUNGIE  
GRANITE 64FR  
2008-10-07  
PRODUCTION ORDER PLANNING, MEDIUM LEAD TIME  
2024 MODEL YEAR  
2 REAR AXLES, 2 DRIVEN  
DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND  
RETAIL OR STOCK - CUSTOM SPECIFICATIONS  
COMMERCIAL  
INTERIOR GENERATION, 2  
EXTERIOR GENERATION FIVE  
GRANITE 64FR  
USA - WARRANTY REGISTRATION LOCATION  
EPA (only) for Mack MP7 / MP8 Diesel  
USA REGISTRATION  
CERTIFICATION LABELS, USA  
UNITED STATES OF AMERICA  
NORTH AMERICA NA-PROD  
NON-CARB REGULATIONS CERTIFICATION  
CUSTOMARY - ENGLISH UNITS  
ENGLISH  
1ST PUBLICATION LANGUAGE AMERICAN ENGLISH  
ENGLISH DECALS/SIGNS  
WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE  
CLASS A HIGHWAY  
DUMP TRUCK  
TIPPER / DUMP BODY  
WITHOUT LOAD HANDLING EQ. TAIL LIFT  
WITHOUT LOAD HANDLING EQ. CRANE  
WITHOUT LOAD HANDLING EQ. SNOW PLOUGH  
WITHOUT LOAD HANDLING OR MISC. EQUIPMENT  
FIXED DRAWBAR TRAILER AND CENTERED AXLES  
LOAD HANDLING HAS A BIG IMPACT ON THE DIMENSIONING OF TRUCK  
OPERATING CLASS 8  
WITHOUT REGULATORY GUIDELINES  
41.0 TONNES, GROSS COMBINATION WEIGHT  
90000 LB (41000 KG) GCW/GVW  
BRAKE REGULATION, STOPPING DISTANCE 94M (310 FT)  
GRADES <6% DUR >98% OF DRIV DIST. MAX GRADE 16%  
AMB TEMP HOT, UP TO +40C, WARMER ALLOWED 25 H/YEAR  
ON-OFF HIGHWAY, STARTING GRADES<18%  
CONCRETE LOADING AND / OR UNLOADING SURFACE  
CONSTRUCTION SERVICE  
NO PILOT REQUESTED  
BASIC (RATED) CERTIFICATION

##### Variant Description

ENGINE EMISSION, LEVEL USA2021  
EPA-2021 DIESEL ENGINE W/CEGR/DPF/SCR  
MP8-425C MACK 425HP @ 1500-1700 RPM (PEAK) 2100 RPM (GOV) 1550 LB-FT, US'21  
13 L. PROPRIETARY ENGINE  
MACK ENGINE  
ENGINE PTO TORQUE CAPACITY 1000NM  
2041 NM - 2110 NM, ENGINE TORQUE RANGES  
ENGINE POWER 425HP  
2100 RPM ,GOVERNED ENGINE RPM

WITHOUT ENGINE GENERATION  
 EXHAUST GAS RECIRCULATION, COOLED  
 CRANK CASE VENTILATION OPEN EXTENDED  
 TURBO BASIC DESIGN  
 2.25 DEGREE ENGINE CRANK ANGLE  
 TURBO SINGLE STAGE  
 COOLANT PUMP SPEED RATIO, FIXED  
 WITHOUT GAS TYPE  
 DRIVELINE TECHNOLOGY, COMBUSTION  
 ENGINE FUEL CONCEPT LIQUID FUEL  
 MACK MP8 SERIES  
 GEAR SELECTION TUNING, BASIC  
 WITHOUT SCALABLE ROAD SPEED LIMITER  
 GREEN HOUSE GAS VOCATIONAL APPLICATION  
 GREEN HOUSE GAS COMPLETE VEHICLE & COMPLETE CERTIFICATION  
 MACK TMD13AFO-HD mDRIVE HD 13 SP, CREEPER/ MULTI-SPEED REVERSE (OVERDRIVE)  
 WITHOUT 12TH GEARBOX GEAR LOCK-OUT  
 WITHOUT MASS SENSING TORQUE LIMITATION  
 VPT AUTOMATED TRANSMISSION 2600NM OVERDRIVE  
 VPT TRANSMISSION  
 MACK  
 MECHANICAL TRANSMISSION  
 CRAWLER  
 MULTI SPEED REVERSE  
 TRANSMISSION APPLICATION, HEAVY DUTY  
 WITHOUT RETARDER  
 W/O RETARDER  
 AUTOMATED GEAR SHIFTING  
 2ND HIGHEST GEAR RATIO, 1.00  
 HIGHEST GEAR RATIO, 0.78  
 WITHOUT TRANSMISSION GENERATION

#### Variant Description

IDLE EMISSION CERTIFICATION, BASIC  
 WITHOUT IDLE EMISSION LABEL LOCATION  
 CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21  
 SELECTIVE CATALYST REDUCTION + DPF INTEGRATED, VOLVO ENG.  
 DIESEL PARTICULATE FILTER, HORZ RHS INTERGRATED  
 SELECTIVE CATALYST REDUCTION, HORZ RHS INTEGRATED  
 BRIGHT FINISH DEF COVER & STAINLESS STEEL DPF COVER  
 DPF COVER STAINLESS STEEL, POLISHED  
 DEF TANK COVER, BRIGHT FINISH  
 SCR SYSTEM EQUIPMENT, ELECTRICALLY HEATED  
 11.8 GALLON (45 L) 22" LEFT SIDE FRAME MOUNTED  
 DEF TANK MATERIAL, PLASTIC  
 SEMI RECTANGULAR DEF TANKS FOR DIAM 56 BRACKETS  
 WITHOUT DEF TANK RIGHT HAND SIDE  
 AD-BLUE TANK MTG LOC, FRAME RAIL  
 AD-BLUE TANK 45 LITER LEFT HAND SIDE  
 AD-BLUE TANK VENTILATION FILTER  
 SINGLE VERTICAL RIGHT SIDE CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END  
 LOWER VENTURI DIFFUSER EXHAUST STACK, TURNED END  
 WITHOUT MUFFLER  
 EXHAUST DIRECTION, VERTICAL RIGHT SIDE OF CAB  
 EXHAUST HEAT SHIELD TYPE, BASIC  
 EXHAUST STACK 2.9 METRE, HEIGHT OVER GROUND (9' 6")  
 BRIGHT SINGLE EXHAUST SYSTEM MATERIAL FINISHING EXCEPT ELBOW  
 WITHOUT RAIN CAP  
 DPF REG CONTROL, AUTO IN MOTION, MAN STAT, INHIBIT ALLOWED  
 EMISSION OBD, DISPLAY ONLY, USA2023  
 OBD EMISSIONS, CONSEQUENCE 1  
 GREEN HOUSE GAS SOFT TOP FACTOR, 0 MINUTES

#### Variant Description

UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD  
 AIR CLEANER HOUSING MATERIAL, PLASTIC  
 ONE STAGE AIR CLEANER (PRIMARY)

SMALL AIR CLEANER  
 AIR INTAKE SOURCE, HOOD OUTSIDE  
 WITHOUT AIR INTAKE PRE-CLEANER  
 BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER  
 BUG NET, SINGLE, BEHIND THE GRILLE  
 WITHOUT WINTERFRONT  
 WABCO HEATED SS-HP AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR  
 2 CYL. 900 L/MIN COMPRESSOR  
 WABCO AIR DR SS-HP W/O T CUT OFF VALVE, W COALESC FLT  
 AIR DRYER POSITION STANDARD  
 DELCO 12V 165A (36SI) BRUSHLESS  
 ALTERNATOR MANUFACTURER-DELCO  
 12V 165AMP  
 ALTERNATOR CABLE AMP RATING, LOW (UP TO 165 AMPS)  
 (3) MACK 12V 650/1950 CCA THREADED STUD TYPE  
 3 BATTERIES, 650 CCA  
 GENERIC BATTERY  
 LH RAIL UNDER CAB FORWARD OF FUEL TANK (3 BATTERY MAX)  
 LHS BATTERY BOX  
 ONE BATTERY BOX, 3 BATTERIES MAX.  
 POLISHED ALUMINUM BATTERY BOX COVER  
 BATTERY SHOCK PADS  
 EMERGENCY START STUDS, BATTERY BOX MOUNTED  
 FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE  
 MECHANICAL MAIN SWITCH  
 MAIN SWITCH, FLAMING RIVER  
 12V STANDARD STARTER DELCO 39MTHD  
 12 VOLT DELCO 39MT-MXT  
 MACK MP8 POWERLEASH  
 VPT ENGINE BRAKE 6 WITHOUT EPG AND VARIABLE GEOMETRI TURBO  
 BRAKE LIGHTING, BASIC  
 ENGINE BRAKE ACTIVATION, BASIC  
 BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE  
 WITHOUT ENG TEMPERATURE FAN CONTROL SWITCH  
 BEHR FAN CLUTCH  
 VISCOUS FAN CLUTCH, ELECTRIC CONTROLLED, LOW NOISE  
 ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG, W/ FILTER  
 ANTI-FREEZE -37C (-34F) BASIC LIFE COOLANT  
 COOLANT COMPOSITION, ETHYLENE  
 WITH FILTER/CONDITIONER  
 RADIATOR APPLICATION, BASIC  
 41 DEG. C ATB COOLING CAPACITY  
 NARROW RADIATOR WITH LENGTH 3 (80 DM2)  
 MACK EPDM RADIATOR & HEATER HOSES  
 COOLING HOSES CLAMP, GENERIC SPRING LOAD TYPE  
 WITHOUT HEATER HOSE FLOW CONTROL  
 WITHOUT HEATER HOSE PROTECTION  
 RUBBER COOLANT HOSE  
 MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)  
 DUAL ENGINE MOUNTED FUEL FILTER, 2 STEP W. WATER SEPARATOR  
 FUEL FILTER, WATER SEPARATOR, GENERIC  
 STANDARD FUEL FILTER POSITION  
 AUXILLARY FUEL HEATER, HOT RECIRCULATION  
 WITHOUT FUEL HEATER EQUIPMENT  
 120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)  
 110 VOLT / 1.5 KW, ENGINE BLOCK HEATER  
 WITHOUT ENGINE OIL PAN HEATER  
 W/O OIL PAN HEATER  
 WITHOUT STARTING AID  
 OIL PAN STEEL  
 WITHOUT ENGINE OIL DRAIN KIT  
 WITHOUT TETHER DEVICE PKG FOR CAPS & COVERS  
 WITHOUT ALCOHOL EVAPORATOR  
 WITHOUT ENGINE STOP, EMERGENCY  
 WITHOUT BATTERY PROTECTION

#### Variant Description

MACK mDRIVE-PREMIUM SHIFTER

GEAR SHIFTING, BASIC  
 ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL  
 1 (SINGLE) PLATE 17" (430MM), ORGANIC, B VERSION  
 SACHS CLUTCH  
 WITHOUT CLUTCH CABLE SYSTEM  
 WITHOUT CLUTCH PEDAL  
 WITHOUT CLUTCH ACTUATION SYSTEM  
 WITHOUT LUBELINE BETWEEN RELEASE BEARING AND BELL HOUSING  
 WITHOUT CLUTCH BRAKE  
 WITHOUT ENGINE START CONDITION  
 MERITOR RPL35, WITH CROSS SERRATED YOKE (PROPS-XL)  
 PROPELLER SHAFT MANUFACTURER, MERITOR RPL SERIES  
 WITHOUT PROP SHAFT DOUBLE BEARING  
 MERITOR RPL25  
 PROP SHAFT DIMENSION, INTERAXLE, LARGE  
 WITHOUT PROP SHAFT BEARING GUARD  
 WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING  
 PROP SHAFT MAIN, UNIVERSAL JOINT CROSS SERRATED TYPE  
 PROP SHAFT INTERAXLE, UNIV JOINT HALF-ROUND TYPE  
 TRANSMISSION OUTPUT TORQUE BASIC  
 ALUMINUM BELL HOUSING  
 WITHOUT TRANSMISSION ADAPTATION RING  
 SYNTHETIC OIL IN TRANSMISSION, 75W-90  
 TRANSM OIL PROPERTIES 10 STD 1273,19  
 MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO WATER COOLER  
 MEC.TRAN. OIL COOL, WAT./OIL, HIGH PERF. VERS 2, GEARB.MOUNT  
 WITHOUT TRANSMISSION OIL MONITORING  
 W/O TRANS TORQUE CONVERTER  
 HILL START ASSIST, ALL WHEELS AND TRAILER  
 BRAKE PNEUMATIC PRESSURE CONTROL, CENTRAL

#### Variant Description

18000# (8200 KG) MACK FXL18 STRAIGHT SPINDLE/UNITIZED BEARINGS  
 SINGLE FRONT AXLE  
 FRONT AXLE, UNIT BEARING  
 FRONT AXLE  
 1 \* 8.2 TONNES, FRONT AXLE  
 1 FRONT AXLE, 0 DRIVEN  
 SALES MODEL HAS ONE (1) FRONT AXLE INSTALLED  
 LOW GROUND CLEARANCE - HIGH OFFSET  
 WITHOUT FRONT AXLE SPREAD  
 WITHOUT VEHICLE PREPARATION, ADDITIONAL AXLES  
 MACK TAPERLEAF HD 18000# (8200 KG) GROUND LOAD RATING, EQUAL BIAS  
 WITHOUT MACK FRONT AXLE INST/ ADAPTATION  
 PARABOLIC SPRING (STIFFER THAN NORMAL) FRONT  
 LEAF (MECHANICAL) SUSPENSION ,FRONT  
 FRONT AXLE LOAD 8.2 TONNES (18000 LBS)  
 WITHOUT LOAD DISTRIBUTION FRONT AXLES  
 WITHOUT FRONT STABILIZER  
 BRAKE SYSTEM, CONVENTIONAL  
 MERITOR EX+ AIR DISC BRAKES 430MM (17") H-TYPE  
 FRONT, DISC BRAKE DIAMETER 430MM  
 FRONT WHEEL BRAKE TYPE, DISC (H BRAKE)  
 FRONT WHEEL BRAKE MANUFACTURER, PROPRIETARY  
 BRAKE LINING MATERIAL, FRONT, TMD TX7400N (use on disc)  
 BRAKE, FRONT, DISC LIGHT WEIGHT  
 FRONT BRAKES WITH DUST SHIELDS  
 FRONT BRAKE ADJUSTMENT, AUTOMATIC PROPRIETARY  
 FRONT BRAKE CHAMBER MANUFACTURER, WABCO  
 FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)  
 WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)  
 FRONT MUDGUARD, BASIC  
 BASIC HUB UNITIZED (IRON) ,FRONT  
 FAG SCHAEFFLER, FRONT HUB OIL SEAL  
 BASIC (NO OPTION) SPINDLE NUTS, FRONT  
 FRONT AXLE LUBE, FAG NLGI2 GREASE  
 FRONT AXLE LUBRICANT TYPE, GREASE  
 FRONT AXLE LUBRICANT MANUFACTURER, FAG

FRONT AXLE LUBRICANT GRADE, NLGI 2  
 SHOCK ABSORBER, FRONT  
 DOUBLE ACTING TYPE  
 WITHOUT ACTIVE STEERING  
 SHEPPARD SD110  
 WITHOUT AUX. ASSIST  
 STEERING GEAR RATIO 16.9, FIXED, (SD110)  
 WITHOUT STEERING DAMPER  
 LUBRICATED SUSPENSION PINS AND BUSHINGS  
 WITHOUT FRONT AXLE LIMITER

#### Variant Description

W/O SINGLE REAR AXLE  
 40000# (18100kg) MERITOR MT40-14X4D HYPOID (LOW ENTRY)  
 W/O TRI-DRIVE REAR AXLE  
 REAR AXLE LOAD 18 TONNES (40000 LBS)  
 40000 LB. 18100 KG.  
 TANDEM AXLE, 18T, GCW57, SINGLE RED, MERITOR (MT-40-A14\*D)  
 SINGLE REDUCTION REAR AXLE, MERITOR  
 WELDED REAR AXLE CASING  
 REAR AXLE CASING, HEAVY DUTY  
 SALES MODEL HAS TWO (2) REAR AXLES INSTALLED  
 REAR AXLE DIFF CARRIER HOUSING MATERIAL - IRON  
 DRV AXL SPNDL LOAD RATING R SRIES (23.6T TAND 11.8T SING)  
 REAR AXLE CASING WIDTH, STANDARD  
 W/O WIDE TRACK AXLE  
 WITHOUT LUBE PUMP ,REAR AXLE  
 W/O LUBE PUMP AND FILTER  
 DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL  
 REAR AXLE LUBRICANT TYPE, SYNTHETIC OIL  
 REAR AXLE LUBRICANT MANUFACTURER, SHELL  
 REAR AXLE LUBRICANT GRADE, 75W-90  
 DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR AXLES, MANUAL AIR VALVE W/WARNING LIGHT.  
 DIFFERENTIAL LOCK BETWEEN WHEELS, FRONT & REAR DRIVE AXLES  
 POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT  
 POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)  
 PDLO  
 RATIO 3.55 REAR AXLE  
 3.55 RATIO  
 W/O SINGLE REAR SUSPENSION  
 RUBBER SUSPENSION, REAR  
 HMX EX 460 HENDRICKSON 40,000 lb, STANDARD RIDE HEIGHT  
 W/O TRIDEM REAR SUSP  
 HENDRICKSON HAULMAAX EX SUSPENSION, RUBBER NODAL SPRINGS  
 REAR SUSPENSION MANUFACTURER, HENDRICKSON  
 REAR SUSPENSION DEMAND, BASIC  
 21 TONNES, REAR SUSPENSION CAPACITY (46000 LBS)  
 REAR SUSPENSION HEIGHT HIGH  
 W/O ANTI-SWAY  
 HENDRICKSON BAR AND PIN BEAM  
 RUBBER SPRING, REAR  
 WITHOUT REAR SUSP. BEAM BUSHING  
 BOGIE SPREAD, 1370MM (54.0")  
 54" AXLE SPACING (BOGIE WHEELBASE)  
 WITHOUT SUSP. LEVELLING DEVICE  
 WITHOUT SUSPENSION PRESSURE DETECTION  
 WITHOUT AIR SUSPENSION DUMP WARNING  
 WITHOUT REAR SPRING INSULATOR  
 SHOCK ABSORBER ,REAR  
 REAR SHOCK ABSORBER APPLICATION, BASIC  
 SHOCK ABSORBERS - (4), OUTBOARD MOUNTED ON FORWARD AND REAR AXLES EACH SIDE  
 REAR SUSP TRANSVERSE TORQUE RODS, ALL DRIVE AXLES  
 TRANSVERSE TORQUE ROD - ALL AXLES  
 AUX SPRING BRAKE QTY, 4 CHAMBERS  
 AUXILIARY PARK, TWO EXTRA PARKING BRAKE CHAMBERS  
 MERITOR EX+ AIR DISC BRAKES, 430MM (17") - H TYPE  
 REAR, DISC BRAKE DIAMETER 430MM  
 REAR WHEEL BRAKE TYPE, DISC (H BRAKE)

REAR WHEEL BRAKE MANUFACTURER, PROPRIETARY  
 17" DIAMETER  
 DISC - C FLANGE  
 BRAKE LINING MATERIAL, DRIVE, TMD TX7400N (use on disc)  
 BRAKE, DRIVE REAR, DISC LIGHT WEIGHT  
 REAR BRAKE ADJUSTMENT, AUTOMATIC PROPRIETARY  
 REAR DRIVE BRAKES WITH DUST SHIELDS  
 REAR BRAKE CHAMBER 24 / 24 SQ INCHES (SERVICE / EMERGENCY)  
 DISC BRAKE ORI REAR-MOST DRIVE, MID MT, AXLE BACK, CHMBR IN  
 WABCO BRAKE CHAMBERS VENDOR  
 WABCO PARK BRAKE CHAMBER  
 BASIC LENGTH STROKE  
 ALUMINUM PRESET HUB, DRIVE W/ INTEGRATED SPINDLE NUT  
 DRIVE HUB SEAL, PREMIUM  
 SPINDLE NUTS, MAIN AXLE, INTERGRATED  
 INTEGRATED TYPE  
 ABS 6 SENSORS AND 6 MODULATORS  
 6S/6M SYSTEM SENSING BOTH REAR AXLES W/WHEEL END SENSORS  
 FACTORY OPTION WELD ON ABS  
 BENDIX WITH TRACTION CONTROL 6S6M  
 WHEEL SENSOR ANTILOCK BRAKE SYSTEM  
 BENDIX ANTI LOCK BRAKE  
 WITHOUT ESP PACKAGE  
 WITH TRACTION CONTROL  
 WITHOUT STABILITY CONTROL REGULATION  
 BRAKE VALVE VERSION, USA-BENDIX, WHERE POSSIBLE  
 WITHOUT TRACTION CONTROL DISABLE  
 SPRING BRAKE INVERSION VALVE  
 WITHOUT LOAD INDICATOR

#### Variant Description

260" WB  
 ACKERMAN SETTING 3, WB BIGGER THAN 5842 MM (230 US INCHES)  
 XM = 8290 MM, REAR AXLE POS.  
 63"  
 30" to 82"  
 REAR FRAME LENGTH, 2295 MM  
 11.1 x 105 x 300mm - (0.437" x 4.13" x 11.81"); RBM 3,160,000 LB-IN  
 11.1 MM THICK FRAME  
 FRAME RAIL EXTERNAL HEIGHT (300MM)  
 FRAME FLANGE WIDTH 105MM  
 WITHOUT RUST PROTECTION  
 W/O FRAME RUST PREVENTATIVE  
 WITHOUT LINER  
 WITHOUT FRAME OUTER LINER  
 WITHOUT FRONT FRAME EXTENSION, BOLTED ON  
 W/O FRONT FRAME EXTENSION  
 FRONT FRAME LENGTH 725MM  
 FRAME FASTENERS HUCK AND HEX BOLTS  
 BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL  
 CROSSMEMBER, BOGIE, STEEL  
 STEEL FORWARD REAR SUSP. CROSSMEMBER  
 BOC AND INTERM X-MBRS BACK/BACK RIVETED C CHANNELS  
 STEEL INTERMEDIATE CROSSMEMBER  
 WITHOUT INTERMED XMBR EXCLUSION ZONE  
 WITHOUT FRAME RAIL CLEARANCE  
 WITHOUT AUXILIARY CROSSMEMBER IN REAR OVERHANG  
 REAR CROSSMEMBER, STRAIGHT FRAME END (BASIC)  
 STRAIGHT CUT TREATMENT, REAR FRAME  
 WITHOUT MUDFLAP HANGERS, REAR AXLE  
 WITHOUT REAR AXLE MUDFLAP  
 BASIC MUDFLAP, FRONT AXLE  
 BUMPER, ALUMINIUM STRAIGHT FLUSH  
 FLUSH-UNPAINTED ALUMINUM  
 WITHOUT CAB GUARD  
 WITHOUT GUARD  
 CROSSMEMBER, BOGIE, BASIC TYPE  
 BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT

TWO CLEVIS TOWING DEVICE, FRONT  
 (2) CLEVIS  
 WITHOUT TOWING COUPLING  
 TWO HOOKS FRAME MOUNTED VERSION 1  
 WITHOUT TOOLBOX CHASSIS  
 DIESEL  
 BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK  
 ELECTRONIC SENDING UNIT MOUNTED ON LH TANK  
 88 GALLON (335 L) 22" ALUMINUM ROUND  
 LHS FUEL TANK, 335L (88 US GAL)  
 LH FUEL TANK FRONT FACE LOCATION @ X-MAIN3665, TANK REARWARD  
 W/O RH FUEL TANK  
 WITHOUT FUEL TANK POLISH OPTION  
 WITHOUT RIGHT SIDE FUEL TANK  
 WITHOUT RH FUEL TANK FACE LOCATION  
 FUEL TANK MATERIAL, ALUMINUM  
 FUEL TANK, ROUND, DIAM. 560MM (22")  
 SINGLE MOUNTED FUEL TANK, (LFUEL OR RFUEL)  
 FUEL HOSES, WIRE BRAIDED  
 WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP  
 WITHOUT FUEL TANK SUMP  
 WITHOUT FUEL TANK FILTER  
 FUEL LINE OPTION, SINGLE  
 NON-LOCKABLE FUEL TANK CAP  
 CAB STEP,BASIC  
 W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE

#### Variant Description

PETCOCK DRAIN VALVE, ON BRAKE SYS TANKS  
 ALUMINUM AIRTANK, POLISHED  
 UNDER BATTERY BOX, REMAINING BETWEEN FRAME RAILS  
 AIRTANK ARRANGEMENT, IN FRAME  
 AUXILIARY AIR TANK CAPACITY FOR 2 EXTRA AXLES  
 AUXILIARY AIR TANK CAPACITY FOR (2) EXTRA LIFT AXLE  
 PARK BR VALVE, 1 YELLOW KNOB, ALL PARK & 1 RED, TRAILER PARK

#### Variant Description

ELECTRICAL SYSTEM BRIDGE PLAN (86+70PINS)  
 CHASSIS WIRING HARNESS CASING, HEAVY DUTY  
 WITHOUT PARKING BRAKE LIGHTING  
 BACK UP ALARM 87/112 DB ECCO SMART (ADJ TO AMBIENT SOUND)  
 WIRING FOR TWO AUX. SWITCHES

#### Variant Description

PTRD-D, Dual RH: DIN 5462 (FRONT) and DIN 5462 (Outer)  
 TRANSMISSION PTO FUNCTIONS BASIC  
 REAR PTO TRANS., DOUBLE RHS, 2 DIN-CONN.PUMP  
 DOUBLE PTO TRANSMISSION  
 F1-81R PARKER PUMP/REAR OF mDRIVE TRANSMISSION  
 PARKER F1-81 HYDRAULIC PUMP GEARBOX MOUNTED  
 WITHOUT HYDRAULIC PUMP, ENGINE MOUNTED  
 WITHOUT POWER TAKE OFF CONTROL  
 W/O FRONT ENGINE PTO DRIVE  
 WITHOUT FRONT ENGINE MOUNTED PTO  
 WITHOUT REAR ENGINE POWER TAKE OFF  
 WITHOUT PTO ENGINE REAR  
 WITHOUT PTO ENGINE REAR  
 WITHOUT PTO TRANSMISSION SIDE, FREE SPACE  
 BODY LINK III W/CAB PASS-THRU  
 BODY BUILDER PREP. CAB FLOOR  
 EL PREP KIT BODY BUILDER MODULE, CMPLT (29PIN CONN, BOC)

#### Variant Description

WITHOUT AUXILIARY POWER UNIT  
 NO FRAME MODIFICATIONS PROVIDED  
 WITHOUT FRONT BODY ATTACHMENT  
 UNIFORM LOAD NO ADAPTATION

WITHOUT AUXILIARY TRANSMISSION  
 WITHOUT AUXILIARY TRANSMISSION COOLER  
 W/O ON BOARD SCALES  
 WITHOUT ONBOARD SCALE  
 WITHOUT ONBOARD SCALE MOUNTING OPTION  
 WITHOUT BULK UNLOADING ADAPTATION  
 WITHOUT BREATHER FILTER  
 W/O COLLISION WARNING SYSTEM  
 WITHOUT LIMIT SPEED SIGN RECOGNITION  
 WITHOUT COLLISION AVOIDANCE SYSTEM  
 WITHOUT ADJUSTABLE TIME GAP  
 WITHOUT ADJUSTABLE TIME GAP CONFIGURATION  
 WITHOUT LANE SUPPORT SYSTEM  
 WITHOUT LANE SUPPORT SYSTEM  
 WITHOUT LANE SUPPORT SYSTEM DEACTIVATION  
 WITHOUT ACC / LSS SYSTEMS  
 WITHOUT ADAPTIVE CRUISE CONTROL VOLUME LEVEL  
 WITHOUT LANE SUPPORT SYSTEM VOLUME LEVEL  
 WITHOUT ACC, LSS, OR BLIND SPOT DETECTION SYSTEMS  
 WITHOUT ACC OPTIONAL AUDIO FUNCTIONS  
 WITHOUT BLINDSPOT DETECTION ALARM DISABLE  
 WITHOUT LANE SUPPORT SYSTEM OPTIONAL AUDIO FUNCTIONS  
 WITHOUT DATA CAPTURE  
 WITHOUT CAMERA  
 WITHOUT DECALS  
 WITHOUT EMERGENCY PROCEDURE GUIDE  
 WITHOUT EMERGENCY EYE WASH

#### Variant Description

U.S. UNITS (PREDOMINANT)  
 GAUGES GRADUATION (EXCL. SPDM), IMPERIAL UNITS  
 MILES/HOUR, KILOMETER/HOUR SPEEDOM. GRADUATION  
 STANDARD GAUGE PACKAGES  
 WITHOUT SECONDARY GAUGE PACKAGE (SWITCHES ONLY)  
 TRANSMISSION OIL TEMP GAUGE  
 TRANSMISSION OIL TEMP GAUGE  
 EXHAUST PYROMETER GAUGE  
 EXHAUST PYROMETER GAUGE  
 REAR AXLE OIL TEMP GAUGE  
 REAR AXLE OIL TEMPERATURE GAUGE  
 WITHOUT MANIFOLD PRESSURE GAUGE  
 W/O MANIFOLD PRESSURE GAUGE  
 WITHOUT GAUGE, AMBIENT TEMPERATURE  
 INSTRUMENT CLUSTER GENERATION 1  
 WITHOUT TIME COUNTER  
 WITHOUT BRAKE PRESSURE APPLICATION GAUGE  
 WITHOUT REAR AIR SUSPENSION GAUGE  
 WITHOUT AIR RESTRICTION INDICATOR  
 AUXILIARY PNEUMATIC OUTLET, IN CAB  
 BLEND AIR HVAC W/"ATC" TEMP REGULATION  
 ELECTRONIC CONTROLLED CLIMATE CONTROL AIR CONDITION  
 WITHOUT CLIMATE UNIT DIAGNOSIS & PROTECTION SYSTEM  
 CUPHOLDER  
 WITHOUT ASHTRAY  
 WITHOUT AUXILIARY FAN  
 W/O CAB FAN, AUX AIR CIRC OPTION  
 DOME LAMP, INTERIOR, 2 EACH SIDE, SWITCHES INCLUDED  
 DOOR STORAGE COMPARTMENT, BOTH SIDES  
 DASH INDICATOR LAMP, BODY OUT OF POSITION  
 5LB (ABC RATED/AMEREX) MOUNTED BETWEEN LH SEAT BASE AND DOOR WITH VALVE AIMED REARWARD  
 HAND FIRE EXTINGUISHER 2.2 KG (5LB) ENGLISH DECAL, ABC  
 FIRE EXTINGUISHER LOCATION, DRIVER SEAT  
 FIRE-EXTINGUISHER MANUFACTURE, AMEREX  
 WITHOUT CARBON MONOXIDE DETECTION SYSTEM  
 WITHOUT FUEL LEAK DETECTOR  
 POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS  
 FLOOR COVER, CENTER, POLYURETHANE  
 WITHOUT FLOOR MAT

WITHOUT ELECTRICAL SLEEPER OUTLET

#### Variant Description

HEADLINER, VINYL  
WITHOUT DASH PANEL BOX  
DRIVER INFO DISPLAY STANDARD  
DEFAULT: ENGLISH, SPANISH, FRENCH  
WITHOUT DISPLAY OPTIONAL LANGUAGE  
WITHOUT DRIVER INFO.SECOND OPTION LANG  
ALL CHASSIS KEYED AT RANDOM  
DOOR OPENING OPTION, MANUAL  
W/O ELECTRONIC KEYLESS ENTRY  
FRWRD OVRHD STG, 2 STG COMPMNT W/NET, 1 RADIO SHLF CNTR  
WITHOUT PERSONALIZED NAME PLATE  
PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH  
WITHOUT INFOTAINMENT  
WITHOUT BACK-UP MONITOR  
WITHOUT MAP REGION  
WITHOUT SERVICE AND INFOTAINMENT  
WITHOUT NAVIGATION SYSTEM  
AUDIO WAVEBANDS FM 87.75+87.9-107.9 MHZ, AM 530-1710 KHZ  
WITHOUT SATELLITE RADIO PROVIDER  
AUDIO INTEGRATED HANDSFREE PHONE, BLUETOOTH  
AUDIO COMMUNICATION CONNECTOR, USB AUDIO  
AUX.LINE IN CONNECTOR IN AUDIO  
AUDIO UNIT, BASIC LEVEL  
ANTENNA, RADIO, CAB MTD, BEHIND DOOR, LH, SHORT RUBBER  
WITHOUT SATELLITE ANTENNA  
MIRROR MTD ANTENNA CB, LEFT, 48" LENGTH  
AUTOMATIC AUDIO SHUTOFF, REVERSE ENGAGED  
POWER LEAD, 5WAY TYPE, HEADLINER MTD  
SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL  
WITHOUT COMMUNICATION RADIO  
CB MOUNTING, OVERHEAD COMP, MOUNT PLATE, REMOVABLE  
AUX. REAR WINDOW - FIXED  
REAR WALL STORAGE COMPARTMENT ,FIXED  
EMERGENCY REFLECTOR KIT MOUNTED PARALLEL & CENTERED AGAINST BOC  
EMERGENCY KIT LOCATION MTD PARALLEL & CENTERED AGAINST B.O.C  
THREE WARNING TRIANGLES

#### Variant Description

COMFORT TRIM PACKAGE, SIERRA TAN (Package 11B)  
INTERIOR TRIM PACKAGE 11 ,BASE LEVEL, GREY / TAN  
MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR  
SEAT MFG & SERIES, DRIVER, SEARS GENERIC  
DRIVERS SEAT, AIR SUSPENDED  
STANDARD WIDTH, HIGH BACK, WITHOUT BELT IN SEAT  
DRIVE SEAT COMFORT, 1 LUMBAR CHAMBER AIR ADJ  
WITHOUT DRIVER SEAT CLIMATE  
DRIVER'S SEAT - SIERRA TAN VINYL  
DRIVER SEAT UPHOLSTERY COLOR, TAN  
DRIVERS SEAT UPHOLSTERY, VINYL  
MACK-FIXED, HIGH BACK  
SEAT MFG & SERIES, PASSENGER, SEARS GENERIC  
FIXED PASSENGER SEAT  
STANDARD WIDTH, HIGH BACK, WITHOUT BELT IN SEAT  
WITHOUT PASSENGER SEAT COMFORT  
WITHOUT PASSENGER SEAT CLIMATE  
PASSENGER'S SEAT - SIERRA TAN VINYL  
PASSENGER SEAT UPHOLSTERY COLOR, TAN  
PASSENGERS SEAT UPHOLSTERY, VINYL  
WITHOUT SEAT SUPPORT, DUST COVER  
SEAT ARMREST SINGLE, BOTH (DRIVER AND PASS.SIDE)  
LAP & SHOULDER (BOTH SEATS) ORANGE IN COLOR  
3POINTS, BOTH SEATS, NO HEIGHT ADJ  
SEAT BELT DRIVER SEAT, ORANGE  
SAFETY BELT PASSENGER, ORANGE

SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO  
 IGNITION TYPE, KEY  
 2 SPOKE URETHANE GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES  
 DIAMETER 460 MM STEERING WHEEL  
 STEERING WHEEL MATERIAL, BASIC  
 WITH STEERING WHEEL SWITCHES  
 ADJUSTABLE STEERING WHEEL, 2 MOTIONS  
 INTERNAL SUNVISOR FRONT, BASIC (NO MIRROR), BOTH SIDES  
 CENTRAL DOOR LOCKING  
 ELECTRICAL WINDOW LIFT, BOTH DOORS  
 WITHOUT WINDSHIELD PROTECTOR  
 SPLITTED WINDSCREEN  
 TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)  
 TINTED WINDOW GLASS  
 WITHOUT WINDSCREEN HEATING  
 TINTED GLASS, ALL DOORS - GREEN  
 TINTED GLASS, LOW (LEVEL OF TINTING)  
 WITHOUT WINDSCREEN WIND DEFLECTOR  
 WASHER RESERVOIR BASIC POSITION  
 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
 WIPER SWITCH 4 POSITION (GENERIC 2 SPEED PLUS INTERMITTENT FEATURE)  
 WIPER BLADE, BASIC

#### Variant Description

WITHOUT PERMIT PLATE (FOR LEGAL PERM ADHESIVES)  
 EMBLEMS OPTION, COMPLETE  
 HOOD LATCH TYPE, STRAP  
 STRAP TYPE HOOD LATCH WITH BLACK FINISH  
 GRANITE GRAY AIR INTAKE  
 AIR INTAKE GRILLE, GRAY  
 WITHOUT EXTERIOR BRIGHT WORK  
 HOOD LATCH FINISH, BLACK  
 BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED  
 STATIONARY GRILLE  
 HOOD RADIATOR SURROUND TRIM, BRIGHT FINISH  
 ENGINE COMPARTMENT INSULATION, HOOD  
 AUXILIARY WINDOW IN RH DOOR  
 AUX. WIN. DOOR ON RIGHT SIDE NON STG WHL POS. DEPEND  
 WITHOUT PROXIMITY MIRROR  
 EXTENDED FRONT WHEEL OPENING  
 BF EXTERIOR CAB GRAB HANDLES, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST  
 CAB GRAB HANDLES, OUTER AND INNER, BASIC  
 CAB GRAB HANDLES, BRIGHT FINISH  
 REAR CAB SUSPENSION, AIR  
 WITHOUT HOOD HATCH  
 COMPOSITE MATERIAL  
 (2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)  
 AIR HORN, FINISH, ALUMINUM  
 AIR HORN, ROOF MOUNTED, 2 SINGLES, WITH PROTECTIVE SHIELD  
 2 SINGLE ELECTRIC HORN, DIFFERENT TONES  
 HADLEY/KAM 4-WAY W/CHROME SHELL RH/LH BOTH MOTORIZED AND HEATED  
 WITHOUT WIDE-ANGLE MIRROR  
 HEATED, EL. OPERATED EXT. MIRRORS, BOTH SIDES  
 EXT. MIRROR HOUSING SHAPE, AERO  
 MAIN MIRROR HOUSING FINISH, CHROMED  
 WITHOUT MAIN MIRROR MARKING LAMP  
 BRIGHT FINISH, LH & RH, 8" DIAMETER CONVEX  
 ADD'L CLOSE VIEW MIRROR FINISH, STAINLESS STEEL  
 ADD'L CLOSE VIEW MIRROR SHAPE 8 IN. DIAMETER  
 WITHOUT ADD'L CLOSE VIEW MIRROR, HEATING  
 8" ROUND BF FENDER MTD W/SS BRACKETS & ADJ. ARMS R.H. & L.H. (Same as 15H2001)  
 HOOD MIRROR FORM, US STD. CONVEX  
 HOOD MIRROR LOCATION BOTH SIDES  
 HOOD MIRROR SHAPE ROUND  
 SUN VISOR, EXTERIOR, STAINLESS STEEL (UNPAINTED)  
 EXTERIOR SUNVISOR  
 EXTERIOR SUNVISOR FINISH-BRIGHT  
 WITHOUT AUXILIARY REFLECTORS  
 WITHOUT BUG DEFLECTOR

#### Variant Description

315/80R22.5 L BRIDGESTONE M870 (20000 lbs)  
M870, FRONT TIRE TREAD, BRIDGESTONE, ON/OFF ROAD USAGE  
BRIDGESTONE, FRONT TIRE  
TIRE 315/80 ,FRONT AXLE  
LOAD RANGE L, FRONT TIRE  
130 PSI FRONT TIRE PRESSURE RATING  
22.5x9.00 ACCURIDE 41730x POLISHED ALUMINUM, 7.00" OFFSET, 10 HAND HOLE  
WHEEL BRAND FRONT, ACCURIDE  
DIAM 22.5 INCH, FRONT WHEEL & TIRE  
DISC WHEEL PCD 286 MM HUB PILOT  
ALUMINUM WHEEL, FRONT  
ALUMINUM DISC  
WHEEL WIDTH 9.00 INCH  
BASIC, 10 HAND HOLES WHEEL STYLE, FRONT  
WHEEL RIM OFFSET, FRONT 7.00 INCHES  
4535KG (10000LB) WHEEL LOAD MAX, FRONT PER WHEEL  
WHEEL FINISHING FRONT, POLISHED  
TWO FRONT TIRES & WHEELS  
INSIDE WHEEL TURNING ANGLE, 42 DEGREES  
130 PSI FRONT WHEEL PRESSURE RATING  
11R22.5 G BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY)  
M713 ECOPIA, DRIVE TIRE, BRIDGESTONE, LONG/REGIONAL HAUL  
BRIDGESTONE, DRIVE TIRE  
TIRE 11.00, DRIVE AXLE  
LOAD RANGE G, DRIVE TIRE  
499.0 REAR TIRE REVS PER MILE  
TIRE SPEED LIMIT BASIC  
105 PSI REAR TIRE PRESSURE RATING  
22.5x8.25 ACCURIDE ACCU-LITE 43644x POLISHED ALUMINUM, 6.59" OFFSET, 10 HAND HOLE  
WHEEL BRAND DRIVE, ACCURIDE  
DIAM 22.5 INCH, DRIVE WHEEL & TIRE  
DISC WHEEL PCD 286 MM HUB PILOT  
ALUMINUM WHEEL ,DRIVE  
ALUMINUM DISC  
WHEEL WIDTH 8.25 INCH  
BASIC, 10 HAND HOLES WHEEL STYLE DRIVE  
WHEEL RIM OFFSET, DRIVE 6.59 INCHES  
3355 KG (7,400 LB) WHEEL LOAD MAX DRIVE PER WHEEL  
WHEEL FINISHING REAR, POLISHED  
131 PSI REAR WHEEL PRESSURE RATING  
DRIVE WHEEL, SAME MATERIAL & FINISH  
EIGHT REAR AXLE TIRES & WHEELS  
DRIVE WHEEL STUDS, LONG  
TIRE INFLATION VALVE, STANDARD  
WITHOUT SPARE WHEEL  
WITHOUT SPARE WHEEL CARRIER  
WITHOUT AUXILIARY AXLE TIRES & WHEELS  
WITHOUT AUXILIARY AXLE TIRE N/A  
WITHOUT TRAILING TIRE TREAD  
WITHOUT TRAILING TIRE MAKE  
WITHOUT TRAILING AXLE TIRE  
WITHOUT TIRE LOAD CAPACITY, TRAILING (TAG) AXLE TIRES  
WITHOUT TAG AXLE TIRE  
WITHOUT PUSHER AXLE TIRE  
WITHOUT AUXILLIARY/TAG TIRE PRESSURE RATING  
WITHOUT  
WITHOUT  
WITHOUT WHEEL & TIRE MOUNT. TRAILING AXLE  
WITHOUT AUXILIARY AXLE WHEEL  
WITHOUT WHEEL BRAND TRAILING  
WITHOUT WHEEL&TIRE DIAMETER TRAILING  
WITHOUT AUXILIARY AXLE WHEEL  
WITHOUT PUSHER AXLE RIM/WHEEL TYPE  
WITHOUT WHEEL TYPE TRAILING  
WITHOUT WHEEL MATERIAL TRAILING  
WITHOUT PUSHER AXLE WHEEL TYPE  
WITHOUT TAG AXLE WHEEL TYPE

WITHOUT WHEEL DIMENSION TRAILING  
 WITHOUT WHEEL STYLE, TRAILING  
 WITHOUT WHEEL RIM OFFSET, TAG (TRAILING)  
 WITHOUT WHEEL RIM OFFSET, PUSHER  
 WITHOUT WHEEL LOAD MAX TAG (TRAILING) PER WHEEL  
 WITHOUT WHEEL LOAD MAX PUSHER PER WHEEL  
 WITHOUT AUXILLIARY/TAG WHEEL PRESSURE RATING  
 WITHOUT WHEEL FINISHING TRAILING  
 WITHOUT FRONT HUB/WHEEL TRIM  
 WITHOUT WHEEL TRIM PACKAGE FRONT  
 WITHOUT WHEEL TRIM COLOR FRONT  
 WITHOUT REAR HUB/WHEEL TRIM  
 WITHOUT WHEEL TRIM PACKAGE DRIVE  
 WITHOUT TRIM COLOR DRIVE  
 WITHOUT AUXILIARY HUB/WHEEL TRIM  
 WITHOUT WHEEL TRIM PACKAGE AUX AXLE  
 WITHOUT TRIM COLOR AUX AXLE  
 WITHOUT HUB/WHEEL ISOLATOR FRONT  
 WITHOUT HUB/WHEEL ISOLATOR DRIVE  
 WITHOUT HUB/WHEEL ISOLATOR TRAILING  
 WHEEL NUT & FINISH BASIC, FRONT  
 WHEEL NUT BASIC FINISH, REAR  
 W/O HYDRAULIC JACK  
 WITHOUT JACK LOCATION  
 WITHOUT JACK  
 WITHOUT WHEEL (LUG) WRENCH

#### Variant Description

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1  
 WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL  
 W/O NAVIGATION/COMM DEVICE  
 WITHOUT COMMUNICATION EQUIPMENT  
 COMM SYS NOTIFICATION, DISABLE - MESSAGE RECIEVED FUNCTION  
 WITHOUT DIAGNOSTICS DISPLAY IN CLUSTER  
 TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES  
 REMOTE DIAGONISTIC SERVICES, ENABLED  
 GATEWAY WITH 4G/LTE AND WLAN  
 SIMCARD WITH AT/T SUBSCRIPTION  
 TGW PLATFORM 3  
 VEHICLE UPTIME ENABLED AUTOM. SERVICE ACTIVATION SETTING1  
 REMOTE SOFTWARE UPGRADE ENABLED  
 WITHOUT SOFTWARE DOWNLOAD PASSWORD  
 SOFTWARE DOWNLOAD NOTIFICATION TO DRIVER, POPUP & ICON

#### Variant Description

WITHOUT ENGINE SOFTWARE SETTINGS  
 OIL PRESSURE, ENGINE SHUTDOWN  
 WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
 COOLANT TEMP, ENGINE SHUTDOWN  
 ENGINE PROTECTION (SHUTDOWN)  
 WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
 WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
 WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
 WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
 IDLE CONTROL, 600 RPM  
 WITHOUT LOW IDLE RPM ADJUSTMENT  
 WITHOUT ENGINE IDLE ADJUST  
 INCREASE 10 MINUTE MAXIMUM TIME  
 IDLE SHUTDOWN ABS TAMPER CHECK, DISABLED  
 ENGINE IDLE COOLDOWN, DISABLE  
 ENGINE IDLE SHUTDOWN, DISABLE  
 WITHOUT IDLE SHUTDOWN TIME  
 30 SEC IDLE S/D WARNING TIME  
 38C DEG (100F), WARM UP TEMP DELAY  
 5 MIN. WARM UP TIME DELAY  
 WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
 ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE

ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
 IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD  
 WITHOUT IDLE SHUTDOWN CONTROL  
 AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)  
 AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)  
 ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
 ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
 ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
 ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
 WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
 WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
 WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED  
 ELECTRONIC HAND THROTTLE HOLD TO NEAREST 50RPM  
 ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP" 50RPM  
 ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN" 50RPM

#### Variant Description

mDRIVE- ENHANCED CONSTRUCTION - ECON, PERF, & PERF+ DRIVE MODES, AUTO RETURN (premium)  
 AMT VOCATION OPTION ENHANCED  
 TRANSM. SOFTWARE PACK, PREMIUM  
 TRANS. PERF. MODE, ENABLED W/ AUTO RETURN TO ECONOMY MODE  
 AMT MANUAL SHIFT IN AUTOMATIC MODE INCL KICK DOWN  
 DRIVE MODE, BALANCED  
 ECONO ROLL DISABLE mDRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)  
 WITHOUT TRANSMISSION, ECO-ROLL DISABLE CONTROL  
 WITHOUT TRANSMISSION, ECO-ROLL  
 WITHOUT PRE-VIEW TOPOGRAPHY  
 ENGINE SMART TORQUE FEATURE, DISABLED  
 TRANS. KICK-DOWN MODE, ENABLED  
 TRANS. PROTECTION, ENGINE SHUT DOWN (HIGH TEMP.)  
 W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)  
 WITHOUT GPIO PACKAGE  
 TRANSMISSION AUTO NEUTRAL ON P-BRAKE  
 WITHOUT ROLLING DIRECTION CHANGE INHIBIT  
 WITHOUT AUXILIARY FUNCTION RANGE INHIBIT  
 WITHOUT ALLISON PRESELECTED GEAR DURING ENGINE BRAKING  
 WITHOUT DIRECTION CHANGE ENABLE FUNCTION (DATALINK)  
 WITHOUT PRIMARY CALIBRATION SHIFT SELECT MASK  
 WITHOUT SECONDARY CALIBRATION SHIFT SELECT MASK  
 W/O ALLISON FUELSENSE 2.0 PROGRAMMING  
 WITHOUT FUELSENSE  
 WITHOUT LOAD/GRADE SHIFT SENSING  
 WITHOUT DYNACTIVE BIAS, PRIMARY CAL  
 WITHOUT DYNACTIVE BIAS, SECONDARY CAL  
 WITHOUT NEUTRAL AT STOP  
 WITHOUT ALLISON ACCELERATION RATE MANAGEMENT

#### Variant Description

105 KM/H ROAD SPEED LIMITER (65MPH)  
 105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
 CRUISE CONTROL  
 MAX CRUISE, 105 KPH (65 MPH)  
 MIN CRUISE, 32 KPH (20 MPH)  
 CRUISE RESUME WITH CLUTCH  
 ENG BRK ENGAGE IN CRUISE, 5 MPH, ABOVE SET SPEED  
 WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
 WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
 WITHOUT WITH RSL CONTROL TYPE  
 ENABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
 POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 40KMH (25MPH)  
 DIFFERENTIAL LOCK ROAD SPEED LIMIT 24KMH (15MPH)  
 ENABLE DIFF LOCK ROAD SPEED LIMIT  
 2100 MAXIMUM ENGINE SPEED AT 0 MPH  
 DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
 ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
 ACCELERATION LIMITING FEATURE, DISABLED  
 1ST RATIO FOR REDUCED HIGH IDLE, 2.48

WITHOUT LAST RATIO FOR FULL HIGH IDLE  
 DRIVER ID FUNCTION, DISABLED  
 WITHOUT RESET DRIVER ID TIMER  
 WITHOUT DRIVER ID ALERT TIMER  
 WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS  
 WITHOUT DRIVER PERFORMANCE PARAMETERS  
 WITHOUT SWEET SPOT TARGET %  
 WITHOUT IDLE TIME TARGET %  
 WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL  
 WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
 WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
 WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
 WITHOUT OPTIMIZED FUEL ECONOMY INDICATOR  
 ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
 ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
 VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
 VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
 ENGINE IDLE DELAY TO START LOG, 2 MIN  
 WITHOUT PERIODIC TRIP LOG, HOUR  
 WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
 PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
 PRE-TRIP DIAGNOSTICS INSPECTION, BASIC  
 WITHOUT SERVICE INTERVALS (USER ENTERED)  
 VEHICLE ASSISTANCE SERVICE DISABLED  
 WITH SERVICE ALERT  
 MAINTENANCE MONITORING SYSTEM, EXCLUDING BRAKE LINING  
 WITHOUT MAINTENANCE DUE ALERT PERCENTAGE

#### Variant Description

WITHOUT FAN ENGAGEMENT DUE TO PTO  
 TRANSMISSION PTO1 SPLIT GEAR RANGE,(KEYPAD)REMOTE CONTROLLED  
 TRANSMISSION PTO2 SPLIT GEAR RANGE,(KEYPAD)REMOTE CONTROLLED  
 WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
 PTO 1ST, SINGLE SPEED SETTING, 1000 RPM  
 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
 PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
 PTO 1ST, MAX ENGINE SPEED, 2100 RPM  
 PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
 WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
 PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
 PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
 PTO1 HOLD TO NEAREST 50RPM  
 PTO1 ACCEL "BUMP-UP" 50RPM  
 PTO1 DECEL "BUMP-DOWN" 50RPM  
 WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
 PTO 2ND, SINGLE SPEED SETTING, 1000 RPM  
 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
 PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
 PTO 2ND, MAX ENGINE SPEED, 2100 RPM  
 PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
 WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
 PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM  
 PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
 PTO2 HOLD TO NEAREST 50RPM  
 PTO2 ACCEL "BUMP-UP" 50RPM  
 PTO2 DECEL "BUMP-DOWN" 50RPM

#### Variant Description

SINGLE COLOR  
 1 TONE CAB, INCL SLEEPER & HOOD (IF ANY)  
 1 TONE HOOD, 1 TONE DRIVER AREA, IF SLEEPER 1 TONE  
 ONE PAINT COLOR ONLY ;1  
 METALLIC PAINT  
 GRAY METALLIC; 754146  
 BUG CODE 2-AREA A CAB  
 GRAY  
 NO SECOND TRUCK COLOR PROVIDED; NO COLOR

NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR - HOOD  
WITHOUT CHASSIS FAIRINGS  
NON MACK WHITE PAINT SMARTCODE  
WITHOUT SUN VISOR PAINT  
WITHOUT MIRROR COVER PAINT  
BLACK  
CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK)  
CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X  
BUG CODE 6-CHASSIS RUNNING GEAR  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT ROOF FAIRING  
MACK BLACK (URETHANE); P3036  
SAME AS FIRST COLOR - COWL  
W/O OPTIONAL BUMPER PAINT  
BUMPER PAINT PROCESS, NOT PAINTED  
W/O OPTIONAL FUEL TANK PAINT  
FUEL TANK PAINT PROCESS, NOT PAINTED

## Bea Aamodt

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**From:** Heath Wright <heathwright@olp.net>  
**Sent:** Thursday, December 7, 2023 1:31 PM  
**To:** Bea Aamodt  
**Subject:** FW: Pricing For Mack Quad Dump Truck Currently On Ground & Available  
**Attachments:** Specs New Mack GR64F Dump Truck.xls

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**From:** Justin Picolet [mailto:justin.picolet@brucknertruck.com]  
**Sent:** Thursday, December 7, 2023 1:22 PM  
**To:** Heath Wright <heathwright@olp.net>  
**Subject:** Pricing For Mack Quad Dump Truck Currently On Ground & Available

Heath

Following up to our call attached are the specs and pricing listed below for the Quad Axle Dump truck we were discussing that I currently have at my location.  
Stock # 60902

I have followed up with my corporate office and they will send us the State Contract Proposal Documents by Monday but in the meantime below is the pricing for the truck with no tax.

Let me know what additional equipment needs I can help you with  
I can be reached at 918-373-2274 (C)

OX Body: 18ft  
    Highlift Tailgate  
    Pusher Bar  
    Air Hook Ups ran to the back if you wanted to install a pintle hitch.  
    Can haul 17.8 tons of product legally.

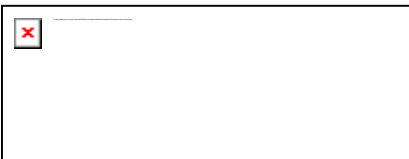
**Price: \$214,930**







**Justin Picolet**  
**Truck & Trailer Sales**  
5301 W. 60<sup>th</sup> Street S.  
Tulsa, OK 74107  
(918) 373.2274 cell  
brucknertruck.com





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# Regular Agenda Item Commentary

**Item Title**

New Business

In accordance with the Open Meeting act, Title 25 O.S. § 311.A.10, new business is defined as any matter not known about or which could not have been reasonably foreseen prior to the time of posting the agenda.

**Initiator****Staff Information Source****Background****Exhibits****Key Issue****Council Action****Recommendation****Item No:** 1.**Meeting Date**

December 11, 2023

**Meeting**

20231211 Bixby Public Works Authority Agenda