

ULSTER COUNTY RESOURCE RECOVERY AGENCY

RESOLUTION NO. 2648

RE: Authorizing & Approving the Purchase of a 2025 Mack Granite GR64F Roll Off Truck

WHEREAS, The Ulster County Resource Recovery Agency (the "Agency") is engaged in Solid Waste Management and Recycling in Ulster County, and

WHEREAS, the Agency requires a new 2025 Mack Granite GR64F Roll Off Truck to perform the work required to carry out the duties of Solid Waste Management, and

WHEREAS, the Agency staff has recommended the purchase of the equipment through the Onondaga County Heavy Class Statewide Bid in compliance with the New York State bidding as the Agency is allowed to piggyback under New York State General Municipal Law Section 103; see attached schedule describing the equipment to be purchased "2025 Mack Granite GR64F Roll Off Truck" from Beam Mack Sales Service, Inc., 6260 E Molloy Road, E Syracuse, New York 13057, and

NOW, THEREFORE, BE IT

RESOLVED, that the Ulster County Resource Recovery Agency does hereby authorize and approve the purchase of the equipment as described in the attached documents, and be it

FURTHER RESOLVED, that the Executive Director and Agency staff are hereby authorized to take all steps necessary to complete the purchase of the Equipment, and be it,

FURTHER RESOLVED, that this Resolution shall take effect immediately.

Moved by:

Seconded by:

Vote: Ayes: _____

Nays: _____

Absent: _____

Date: April 10, 2025

Financial Impact: \$266,805.88

Conway Beam Truck Group, Inc.
6260 E Molloy Rd.
E Syracuse, NY 13057
ONONDAGA COUNTY HEAVY TRUCK CLASS 8 STATEWIDE
CONTRACT
10914

GRANITE All. 64,42 F,B,T PRICING SHEET ONONDAGA

CUSTOMER: UCRRA

CHASSIS QUOTED: Granite GR64F M-Drive

	CHASSIS BASE PRICE	CHASSIS OPTIONS	TOTAL
MACK GRANITE. 2025 Model Year	\$217,606.00		
DISCOUNT FROM LIST	\$52,225.44		
CHASSIS PRICE less DISCOUNT	\$165,380.56		
OPTIONS LIST PRICE TSP		\$37,982.00	
OPTIONS DISCOUNT FROM LIST PRICE		\$9,115.68	
OPTION PRICE LESS DISCOUNT		\$28,866.32	
CHASSIS PRICE WITH CONTRACT OPTIONS AND DISCOUNT =			\$194,246.88
Net/Non Contract items: Removed Pusher axle			\$2,571.00
TOTAL WITH NON CONTRACT OPTIONS =			\$191,675.88
DELIVERY CHARGE FROM CHART			\$230.00
TOTAL PRICE FOR CHASSIS WITH ALL OPTIONS DELIVERED			\$191,905.88
LIST PRICE FOR BODY & Equipment: VASSO			\$107,000.00
CONTRACT DISCOUNT 30%			\$32,100.00
TOTAL PRICE FOR BODY & Equipment : VASSO			\$74,900.00
TOTAL PRICE FOR COMPLETE TRUCK:			\$266,805.88

Please note the following payment terms:

- 1) If Chassis is shipped to the body installer, payment of chassis is due 30 days after delivery to body installer receives the chassis
- 2) If chassis is delivered directly to the customer with no body, payment of chassis is due 30 days after delivery.
- 3) If payment of chassis is not made when delivered to body installer, a finance charge to the buyer of \$1200.00 per month will be added from 30 days after the time of delivery to the body installer.

** the Chassis MSO will be released to the customer when payment has been received in full.**

Additional Surcharges may be assessed between time of purchase and time of delivery

Sincerely; Greg Angwin

4/1/2025

Conway Beam Truck Group, Inc.

6260 E Molloy Rd.

E Syracuse, NY 13057

ONONDAGA COUNTY HEAVY TRUCK CLASS 8 STATEWIDE

CONTRACT

10914

MACK TRUCKS, INC.

COMMERCIAL INVOICE



Invoice Date	Invoice No.
06/02/2024	0468074

OPTION ID	DESCRIPTION	LIST PRICE
MODEL DEFINING		
PB1-0H1	2008-10-07	0.00
LAX-05X	ELECTRICAL SYSTEM 12 VOLT	0.00
APPLICATION PACKAGES		
MPK-05K	ONEBOX EATS, LH BATTERY BOX, 11.8 GALLON (45L) DEF, SINGLE 2	0.00
CUSTOMER/VEHICLE INFO		
002-8E2	GRANITE 84FR	0.00
99X-93X	FACTORY MACUNGIE	0.00
A19-00K	2025 MODEL YEAR	0.00
FDX-E1X	3 REAR AXLES, 2 DRIVEN, 1 PUSHER	0.00
MP2-001	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY	0.00
013-001	COMMERCIAL	0.00
M96-018	USA - WARRANTY REGISTRATION LOCATION	0.00
MBT-02T	CARB + EPA for Mack MP7 / MP8 Diesel	0.00
M84-038	PENNSYLVANIA	0.00
505-0B5	USA REGISTRATION	0.00
5FF-A1X	BULLDOG BRAND ORNAMENT, GOLD	0.00
534-014	ENGLISH	0.00
DHX-10X	WELL MAINTAINED SURFACED ROADS GT95% DRIVING DISTANCE	0.00
005-0L5	DUMP TRUCK	0.00
2KE-Z1X	WITHOUT TRAILER TYPE	0.00
GPX-Z1X	WITHOUT REGULATORY GUIDELINES	0.00
DKX-99X	TRUCK ONLY - NO TRAILER TOWING PROVISIONS PROVIDED	0.00
70B-B1X	BRAKE REGULATION, STOPPING DISTANCE 94M (310 FT)	0.00
QCX-A1X	GRADES LT3% DURING GT98% OF DRIVING DIST. MAX GRADE 8%	0.00
E1B-D1X	AMB TEMP HOT, UP TO +40C, WARMER ALLOWED 25 H/YEAR	0.00
032-A89	ON-OFF HIGHWAY, STARTING GRADES LT18%	0.00
033-A10	CONCRETE LOADING AND / OR UNLOADING SURFACE	0.00
034-2A2	CONSTRUCTION SERVICE	0.00
ENGINE/TRANSMISSIONS		
100-450	MP8-445C MACK 445HP @ 1400-1700 RPM (PEAK) 2100 RPM (GOV) 18	3,832.00
3GC-B1X	GREEN HOUSE GAS VOCATIONAL APPLICATION	0.00
136-156	MACK TMD 13AFO-HD mDRIVE HD 13 SP, CREEPER/ MULTI-SPEED REVER	0.00
V4E-Z9X	WITHOUT 12TH GEARBOX GEAR LOCK-OUT	0.00
EXHAUST/EMISSIONS		
Z8F-T1X	NOX LIMITS, 200MG/HPHR	0.00
Y7B-C1X	IDLE EMISSION LABEL LOCATION, LOWER DRIVER DOOR CORNER	0.00
DPF-04F	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21	0.00
MCF-05F	BRIGHT FINISH DEF COVER AND STAINLESS STEEL DPF COVER	321.00
DF1-0M1	11.8 GALLON (45 L) 22" LEFT SIDE FRAME MOUNTED	0.00
6MD-AAX	WITHOUT AD-BLUE TANK VENTILATION FILTER	0.00
130-AB6	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXHAUST	0.00
KRX-B5X	EXHAUST STACK 3.55 METRE, HEIGHT OVER GROUND (11'6")	0.00
Q0A-C2X	BRIGHT SINGLE EXHAUST SYSTEM MATERIAL FINISH, INCLUDE ELBOW	262.00
78A-DBX	EMISSION OBD, DISPLAY ONLY, USA2024	0.00

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ENGINE EQUIPMENT		
125-045	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SI	0.00
121-AA5	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WIN	0.00
113-0Q3	BENDIX HEATED AD9 AIR DRYER W/ WABCO 318 (18.7 CFM) AIR COMP	-7.00
KOX-A1X	AIR DRYER POSITION STANDARD	0.00
132-AB9	DELCO 12V 180A (28SI) BRUSH-TYPE	0.00
316-AA7	(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE	73.00
383-AA2	LH RAIL UNDER CAB FORWARD OF FUEL TANK (3 BATTERY MAX)	0.00
L5X-F1X	POLISHED ALUMINUM BATTERY BOX COVER	84.00
LLX-Z1X	WITHOUT EMERGENCY START CONTACTS	0.00
318-AA1	W/O BATTERY DISCONNECT SWITCH	0.00
NCX-D1X	12 V STANDARD STARTER, (MELCO) MITSUBISHI	74.00
110-AA6	MACK MP8 POWERLEASH	0.00
J2E-AAX	ENGINE BRAKE ACTIVATION, BASIC	0.00
118-AB6	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE	0.00
119-A19	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PIN	0.00
124-AC4	SILICONE HOSES, SPRING CLAMPS ON RADIATOR AND HEATER, 1/4 TURN	343.00
293-043	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTE	0.00
MBX-A1X	STANDARD FUEL FILTER POSITION	0.00
EBX-Z1X	WITHOUT FUEL HEATER EQUIPMENT	0.00
MCA-04A	120v 1500w BLOCK HEATER ONLY (120V-16A PLUG)	0.00
QHX-ABX	OIL SUMP STEEL, CORROSION RESISTANT	204.00
HZX-Z1X	WITHOUT ENGINE OIL DRAIN KIT	0.00
38A-Z1X	WITHOUT TETHER DEVICE PKG FOR CAPS AND COVERS	0.00
2YB-Z1X	WITHOUT ENGINE STOP, EMERGENCY	0.00
CLUTCH/TRANS EQUIPMENT		
492-00B	MACK mDRIVE-PREMIUM SHIFTER	0.00
133-AC7	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL	0.00
MCB-05B	WITHOUT CLUTCH CABLE SYSTEM	0.00
RBX-Z1X	WITHOUT LUBELINE BETWEEN RELEASE BEARING AND BELL HOUSING	0.00
6VA-Z1X	WITHOUT ENGINE START CONDITION	0.00
MRP-005	MINIMUM REQUIRED DRIVELINE FOR KAX, PROPS2XL	0.00
195-0L5	SPICER SPL350HDXL LITE - 2XLARGE (PROPS2XL)	443.00
204-054	SPICER SPL250XL "LITE SERIES"	160.00
83A-Z1X	WITHOUT PROP SHAFT BEARING GUARD	0.00
76A-A1X	PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE	0.00
8VA-AAX	PROP SHAFT INTERAXLE, UNIV JOINT HALF-ROUND TYPE	0.00
4LD-A1X	TRANSMISSION OUTPUT TORQUE BASIC	0.00
7RX-D1X	SYNTHETIC OIL IN TRANSMISSION, 75W-90	0.00
139-049	MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO W	0.00
M6C-A3X	WITHOUT TRANSMISSION OIL MONITORING	0.00
31A-A2X	HILL START ASSIST, ALL WHEELS AND TRAILER	0.00
FRONT AXLE EQUIPMENT		
240-AA3	20000# (9100 KG) MACK FXL20 STRAIGHT SPINDLE/UNITIZED BEARIN	430.00
244-AB4	MACK TAPERLEAF 20000# (9100 KG) GROUND LOAD RATING, EQUAL BI	26.00
241-081	MERITOR "S" CAM TYPE 16.5" x 6" Q+	0.00

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OPTION ID	DESCRIPTION	LIST PRICE
U3X-A1X	BRAKE, FRONT, DRUM CAST IRON	0.00
UDX-A1X	FRONT BRAKES WITH DUST SHIELDS	30.00
U0A-A1X	FRONT BRAKE ADJUSTMENT, AUTOMATIC HALDEX	0.00
V7A-D1X	FRONT BRAKE CHAMBER MANUFACTURER, MGM	0.00
OKX-A1X	BASIC MATERIAL HUB (STEEL/CAST IRON), FRONT	0.00
815-00A	FRONT AXLE LUBE, FAG NLG12 GREASE	0.00
1KA-A1X	SHOCK ABSORBER, FRONT	0.00
245-AB0	SHEPPARD SD110 + HD94	918.00
REAR AXLE EQUIPMENT		
268-AA9	48000# (20900kg) MACK S482R CAST DUCTILE IRON HOUSING	2,714.00
6MA-A1X	REAR AXLE CASING WIDTH, STANDARD	0.00
R4X-Z1X	WITHOUT LUBE PUMP, REAR AXLE	0.00
617-003	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL	0.00
018-00R	150/151 SERIES (Tandem Mack Rear Axles up to 150,000lb GCW)	0.00
254-013	INTERWHEEL DIFFERENTIAL LOCK, ALL REAR AXLES	1,563.00
3LA-C1X	POWER DIVIDER LOCKOUT, W/BUZZER AND LIGHT	0.00
TAX-GHX	RATIO 3.98, REAR AXLE	0.00
186-00W	HMX EX 460 HENDRICKSON 46,000 lb, STANDARD RIDE HEIGHT	1,843.00
GWX-06X	BOGIE SPREAD, 1370MM (54.0")	0.00
ZAX-99X	WITHOUT SUSP. LEVELLING DEVICE	0.00
J8D-Z1X	WITHOUT AIR SUSPENSION DUMP WARNING	0.00
YVX-A1X	SHOCK ABSORBER, REAR	0.00
XYX-A1X	REAR SUSP TRANSVERSE TORQUE RODS, ALL DRIVE AXLES	0.00
237-037	AUX SPRING BRAKE QTY, 4 CHAMBERS	0.00
253-AA4	MERITOR "S" CAM 16.5"x7" Q+	0.00
U4X-A1X	BRAKE, DRIVE REAR, DRUM CAST IRON	0.00
U1A-A1X	REAR BRAKE ADJUSTMENT, AUTOMATIC HALDEX	0.00
UEX-A1X	REAR DRIVE BRAKES WITH DUST SHIELDS	54.00
V1A-B1X	REAR BRAKE CHAMBER 30 / 30 SQ INCHES (SERVICE/EMERGENCY)	0.00
N6F-AJX	DRUM BRAKE ORI REAR-MOST DRIVE, HIGH MT, AXLE TOP, CHMBR DN	0.00
300-AM0	MGM TR-T2 (TAMPER RESIST AND BREATHER TUBE BRAKE CHAMBERS) LON	20.00
0LX-15X	IRON, PRESET HUB, DRIVE, W/ INTEGRATED SPINDLE NUT	0.00
698-088	BENDIX WITH TRACTION CONTROL 6S8M	425.00
URX-D1X	BRAKE VALVE VERSION, USA-BENDIX, WHERE POSSIBLE	0.00
H9C-Z1X	WITHOUT TRACTION CONTROL DISABLE	-38.00
PUSHER/TAG AXLE EQUIPMENT		
MA2-0F2	(4) HENDRICKSON 20K STEERABLE PUSHER AXLE (LIFTABLE), FL-SER <i>Removed</i>	-3,621.00
9GD-A1X	AUXILIARY AXLE CONTROL PRESSURE VALVE LOCATION, LHS	0.00
MA7-077	54" (1370mm) 1st AUX AXLE SPACING	0.00
ONX-15X	IRON PRESET HUB, TRAILING, W/ INTEGRATED SPINDLE NUT	0.00
MA3-0E3	HENDRICKSON 16.5X6 CAST AUXILIARY AXLE BRAKES (8x4 20k steer	0.00
UFX-A1X	TRAILING BRAKES WITH DUST SHIELDS	0.00
MAD-07D	AUXILIARY AXLE BRAKE CHAMBER MANUFACTURER, HALDEX	0.00
MAE-02E	AUXILIARY AXLE BRAKE ADJUSTMENT, AUTOMATIC HALDEX	0.00
MAC-08C	MANUAL LIFT AUX AXLE CONTROLS - (BASIC HEIGHT)	0.00

FRAME EQUIPMENT/FUEL TANKS

MACK TRUCKS, INC.

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08/02/2024	0468074

OPTION ID	DESCRIPTION	LIST PRICE
271-283	283"	642.00
374-101	101"	133.00
MCE-0GE	11.1 x 105 x 300mm - (0.437" x 4.13" x 11.81")W/ Partial Lin	2,872.00
7TX-F1X	RUST PROTECTION BETWEEN FRAME RAILS AND LINERS	879.00
5CA-AAX	155MM, FRONT FRAME EXTENSION, BOLTED ON (6 INCHES)	0.00
A0X-H1X	FRONT FRAME LENGTH 726MM	0.00
281-AA6	BOC AND INTERMEDIATE CROSSMEMBERS, HD I-BEAM	179.00
Q9A-Z1X	WITHOUT FRAME RAIL CLEARANCE	0.00
AXX-A5X	1 AUX. CROSSMEMBER, SINGLE CHANNEL	0.00
Q5A-A1X	REAR CROSSMEMBER, STRAIGHT FRAME END (BASIC)	0.00
X6X-A1X	STRAIGHT CUT TREATMENT, REAR FRAME	0.00
69X-Z1X	WITHOUT MUDFLAP HANGERS, REAR AXLE	0.00
67X-Z1X	WITHOUT REAR AXLE MUDFLAP	0.00
4DX-N6X	BUMPER, STEEL CHROME PLATED EXTENDED	481.00
5FX-A2X	GRILLE CAB GUARD, BRIGHT FINISH	416.00
4EX-G1X	TWO HOOKS TOWING DEVICE, FRONT	0.00
6NX-Z1X	WITHOUT TOWING COUPLING	0.00
6PX-Z1X	WITHOUT TOWING DEVICES, REAR	0.00
7HX-99X	WITHOUT TOOLBOX CHASSIS	0.00
2RA-A1X	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	0.00
288-AB9	116 GALLON (440 L) 22" ALUMINUM ROUND	-161.00
290-AA1	W/O RH FUEL TANK	0.00
R0A-A1X	FUEL TANK, POLISHED	286.00
JHX-B1X	FUEL HOSES, WIRE BRAIDED	0.00
652-0C2	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP	0.00
12A-A1X	FUEL LINE OPTION, SINGLE	-97.00
Q2A-A1X	CAB STEP, BASIC	0.00
228-AA2	BRIGHT FINISH ALUMINUM STEPS AND STAINLESS STEEL BRIGHT FINISH	202.00
17X-Z1X	WITHOUT HYDRAULIC TANK POSITION	0.00
464-AA1	W/O QUARTER FENDERS	0.00
AIR/BRAKE		
UWX-B1X	MANUAL DRAIN VALVE, LANYARDS ON BRAKE SYS TANKS	38.00
U2X-A2X	ALUMINUM AIRTANK, POLISHED	406.00
141-AA1	W/O RELOCATED AIR TANKS	0.00
3MB-Z1X	WITHOUT PARK BRAKE ALARM	0.00
1JA-AAX	PARKING BRAKE VALVE, 1 YELLOW KNOB, ALL PARKING	0.00
ELECTRICAL		
4GA-Z1X	WITHOUT PARKING BRAKE LIGHTING	0.00
5RX-A3X	BACK UP ALARM 87/112 DB ECCO SMART (ADJ TO AMBIENT SOUND)	159.00
EAX-D2X	WIRING FOR SIX AUX. SWITCHES	169.00
NGX-Z1X	WITHOUT FOG LAMP	0.00
312-0A2	(5) TRUCKLITE CHROME BULLET ROOF MARKER AND STANDARD MARKER /	0.00
N7X-Z1X	WITHOUT WARNING LAMP	0.00
NJX-Z1X	WITHOUT AUXILIARY LAMPS	0.00
N4A-Z1X	WITHOUT AUXILIARY SPOTLIGHT	0.00
LJX-CAX	HEADLAMP BULB TYPE, LED, HEATED	0.00

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LSX-J7X	DRL WHEN ENG RUNNING, PARK BRAKE OFF, INCL OVERRIDE SWITCH	0.00
X2A-A1X	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)	0.00
NEX-C1X	TAIL LAMP, MULTIPURPOSE	0.00
05A-Z1X	WITHOUT WORK LIGHT, CHASSIS MOUNTED	0.00
TRAILER CONNECTIONS		
WGX-A1X	1 VALVE, TRAILER BRAKE	76.00
WHX-Z1X	WITHOUT TRAILER CONNECTION POSITION	0.00
321-011	WITHOUT TRAILER ELECTRICAL RECEPTACLE	0.00
322-012	W/O TRAILER HOOK-UP LIGHT	0.00
PTO		
189-AA8	PTRD-F, Single RH, SAE 1350/1410 Flange (Outer)	1,905.00
-A1X	TRANSMISSION PTO FUNCTIONS BASIC	0.00
826-016	WITHOUT HYDRAULIC PUMP	0.00
TYX-Z1X	WITHOUT POWER TAKE OFF CONTROL	-251.00
183-AA1	W/O FRONT ENGINE PTO DRIVE	0.00
416-AA1	WITHOUT REAR ENGINE POWER TAKE OFF	0.00
B63-083	BODY LINK III W/CAB PASS-THRU	0.00
SPECIALTY EQUIPMENT		
015-025	NO FRAME MODIFICATIONS PROVIDED	0.00
V7B-Z1X	WITHOUT AUXILIARY TRANSMISSION	0.00
V9B-Z1X	WITHOUT AUXILIARY TRANSMISSION COOLER	0.00
5MA-Z1X	WITHOUT BREATHER FILTER	0.00
548-AA1	W/O COLLISION WARNING SYSTEM	0.00
G6C-Z1X	WITHOUT ADJUSTABLE TIME GAP CONFIGURATION	0.00
MCQ-01Q	WITHOUT LANE SUPPORT SYSTEM	0.00
MCT-01T	WITHOUT ACC / LSS SYSTEMS	0.00
MCU-01U	WITHOUT ACC, LSS, OR BLIND SPOT DETECTION SYSTEMS	0.00
2PE-Z1X	WITHOUT DATA CAPTURE	0.00
1PA-Z1X	WITHOUT CAMERA	0.00
D5X-Z1X	WITHOUT DECALS	0.00
CAB INTERIOR (A THRU G)		
196-046	U.S. UNITS (PREDOMINANT)	0.00
CCX-F1X	2ND GA PKG W/ENG OIL TEMP, TRANS OIL TEMP, PYRO, APP AIR PRESS	155.00
E1A-Z1X	WITHOUT AXLE OIL TEMP GAUGE	0.00
PFX-Z1X	WITHOUT GAUGE, AMBIENT TEMPERATURE	0.00
Z5X-Z1X	WITHOUT TIME COUNTER	0.00
I6A-Z1X	WITHOUT AUXILIARY PNEUMATIC OUTLET, IN CAB	0.00
173-AA5	BLEND AIR HVAC W/"ATC" TEMP REGULATION	0.00
EEX-A1X	CUPHOLDER	0.00
3CA-Z1X	WITHOUT AUXILIARY FAN	0.00
IOX-AHX	DOME LAMP, INTERIOR, 2 EACH SIDE, SWITCHES INCLUDED	0.00
3XA-A1X	DASH INDICATOR LAMP, BODY OUT OF POSITION	0.00
786-046	W/O FIRE EXTINGUISHER	0.00
184-AA3	POLYURETHANE FLOOR MAT W/ REMOVABLE INSERTS	99.00
CAB INTERIOR (H THRU R)		
C52-082	DEFAULT: ENGLISH, SPANISH, FRENCH	0.00

*NO Pump
Provided*

MACK TRUCKS, INC.

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20X-A1X	ALL CHASSIS KEYED AT RANDOM	0.00
13A-A1X	DOOR OPENING OPTION, MANUAL	0.00
E3X-D1X	FRWRD OVRHD STG, 2 STG COMPMT W/NET, 1 RADIO SHLF CNTR	0.00
0GA-Z1X	WITHOUT PERSONALIZED NAME PLATE	0.00
174-0D4	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH	0.00
MAS-01S	WITHOUT INFOTAINMENT	0.00
73A-C1X	ANTENNA, RADIO, CAB MTD, BEHIND DOOR, LH, SHORT RUBBER	0.00
5BX-B5X	MIRROR MTD ANTENNA CB, LEFT, 48" LENGTH	60.00
0LA-Z1X	WITHOUT AUTOMATIC AUDIO SHUTOFF	-76.00
1WA-B1X	POWER LEAD, 5WAY TYPE, HEADLINER MTD	0.00
5CX-B2X	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL	0.00
3JA-Z1X	WITHOUT COMMUNICATION RADIO	0.00
5JX-AIX	CB MOUNTING, OVERHEAD COMP, MOUNT PLATE, REMOVABLE	0.00
IFX-B1X	REAR WALL STORAGE COMPARTMENT ,FIXED	0.00
764-014	W/O REFLECTOR KIT OPTION	0.00
CAB INTERIOR (\$ THRU Z)		
004-034	PREFERRED TRIM PACKAGE, STEEL GRAY (Package 12A)	762.00
196-ACK	MACK-AIR, HIGH BACK, W/ ADJ AIR SHOCKS, 4 CHAMBER AIR LUMBAR	707.00
MAP-01S	DRIVER'S SEAT - BLENDED BLACK AND TAN ULTRA LEATHER	882.00
197-AA1	MACK-FIXED, HIGH BACK	0.00
MAQ-0AQ	PASSENGER'S SEAT - GRAPHITE MORDURA	347.00
0HA-A1X	SEAT SUPPORT, DUST COVER, DRIVER SIDE	12.00
3PX-A1X	SEAT ARMREST SINGLE, DRIV(DRIVER SEAT ONLY)	29.00
592-092	LAP AND SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUST	0.00
D6X-C1X	SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO	0.00
2QA-A1X	IGNITION TYPE, KEY	0.00
161-021	2 SPOKE LEATHER GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES	0.00
WSX-BAX	SPLITTED WINDSCREEN	0.00
145-AA4	GUARDIAN ENHANCED PROTECTIVE REAR GLASS W/SAFEFLEX; 50% TRAN	82.00
JQX-AAX	WASHER RESERVOIR BASIC POSITION	0.00
148-AA3	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE	0.00
CAB EXTERIOR		
0BA-Z1X	WITHOUT PERMIT PLATE (FOR LEGAL PERM ADHESIVES)	0.00
-01Y	STRAP TYPE HOOD LATCH WITH BRIGHT FINISH	111.00
CG-0AG	GRANITE BRIGHT AIR INTAKE	0.00
400-00E	BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED	119.00
MCD-03D	AUXILIARY WINDOW IN RH DOOR	0.00
587-0B7	BF EXTERIOR CAB GRAB HANDLES, BLACK GRAB HANDLE RH INTERIOR	0.00
26X-Z1X	WITHOUT HOOD HATCH	0.00
154-AA3	(2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB RO	115.00
LXX-D1X	2 SINGLE ELECTRIC HORN, DIFFERENT TONES	0.00
152-AA7	AERODYNAMIC MOTO MIRROR PACKAGE: RH/LH MOTORIZED AND HEATED	806.00
153-AA3	BRIGHT FINISH, LH AND RH, 8" DIAMETER HEATED CONVEX	54.00
15H-01H	WITHOUT CONVEX TYPE	0.00
157-037	SUN VISOR, EXTERIOR, STAINLESS STEEL (UNPAINTED)	400.00

AERODYNAMIC DEVICES

MACK TRUCKS, INC.

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OPTION ID	DESCRIPTION	LIST PRICE
159-AA1	WITHOUT CAB AERODYNAMIC DEVICES	0.00
MCM-998	WITHOUT FRONT AERODYNAMIC FAIRINGS	0.00
WHEELS AND TIRES		
900-460	425/65R22.5 L BRIDGESTONE M864 (22800 lbs)	52.00
531-2W1	22.5x12.25 ALCOA 82482x HIGH POLISHED ALUMINUM, 5.81" OFFSET	302.00
901-3G1	11R24.5 H BRIDGESTONE M720 ELA (26440 lbs) (DRIVE ONLY)	2,192.00
346-3D6	24.5x8.25 ALCOA 98565x SEVERE SERVICE, HIGH POLISHED ALUMINU	2,536.00
15X-ABX	TIRE INFLATION VALVE, STANDARD	0.00
6VX-Z1X	WITHOUT SPARE WHEEL	0.00
MA6-5H5	315/80R22.5 L BRIDGESTONE M870 (20000 lbs / 36360 lbs)	746.00
MA4-2W4	22.5x9.00 ALCOA 89U63x HIGH POLISHED, ALUMINUM (10,000 LB),	744.00
MCH-02H	FRONT HUB TRIM, 1-PIECE COVER, CHROME	262.00
MCJ-02I	REAR HUB TRIM, 1-PIECE COVER, CHROME	524.00
MCJ-03J	WITHOUT AUXILIARY HUB/WHEEL TRIM	0.00
FIX-Z1X	WITHOUT HUB/WHEEL ISOLATOR FRONT	0.00
FMX-Z1X	WITHOUT HUB/WHEEL ISOLATOR DRIVE	0.00
FOX-Z1X	WITHOUT HUB/WHEEL ISOLATOR TRAILING	0.00
3PB-A1X	WHEEL NUT BASIC FINISH, REAR	0.00
282-01Z	W/O HYDRAULIC JACK	0.00
7FX-Z1X	WITHOUT WHEEL (LUG) WRENCH	0.00
COMMUNICATION SYSTEMS		
3YA-A1X	DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1	0.00
3RA-Z1X	WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL	0.00
M30-080	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC S	0.00
9XD-Z1X	WITHOUT SOFTWARE DOWNLOAD PASSWORD	0.00
ENGINE ELECTRONICS		
MAT-00T	WITHOUT ENGINE SOFTWARE SETTINGS	0.00
WOX-A1X	OIL PRESSURE, ENGINE SHUTDOWN	0.00
WMX-Z1X	WITHOUT COOLANT LEVEL ENGINE SHUTDOWN	0.00
VMX-A1X	COOLANT TEMP, ENGINE SHUTDOWN	0.00
K5X-A2X	ENGINE PROTECTION (SHUTDOWN)	0.00
D1A-Z1X	WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING	0.00
C7A-Z1X	WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING	0.00
K7X-H3X	IDLE CONTROL, 650 RPM	0.00
I1A-Z1X	WITHOUT LOW IDLE RPM ADJUSTMENT	0.00
M6A-Z1X	WITHOUT ENGINE IDLE ADJUST	0.00
X0A-B0X	INCREASE 10 MINUTE MAXIMUM TIME	0.00
M3C-A1X	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED	0.00
B2A-Z1X	ENGINE IDLE COOLDOWN, DISABLE	0.00
A3A-Z1X	ENGINE IDLE SHUTDOWN, DISABLE	0.00
E0X-Z1X	WITHOUT IDLE SHUTDOWN TIME	0.00
B1A-CAX	30 SEC IDLE S/D WARNING TIME	0.00
A8A-ALX	38C DEG (100F), WARM UP TEMP DELAY	0.00
A4A-AEX	5 MIN. WARM UP TIME DELAY	0.00
A7A-Z1X	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE	0.00
A8A-A8X	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE	0.00

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B0A-AAX	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE GT THAN LIMIT	0.00
M4C-B1X	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD	0.00
A9A-Z1X	WITHOUT IDLE SHUTDOWN CONTROL	0.00
D2A-AFX	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)	0.00
D3A-AEX	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)	0.00
B3A-BAX	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)	0.00
B6A-CEX	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM	0.00
B4A-DAX	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM	0.00
B9A-ABX	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC	0.00
B7A-Z1X	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL	0.00
B8A-Z1X	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING	0.00
C0A-Z1X	WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED	0.00
L9C-Z1X	WITHOUT ELECTRONIC HAND THROTTLE HOLD	0.00
M1C-Z1X	WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"	0.00
M2C-Z1X	WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"	0.00
TRANSMISSION ELECTRONICS		
M05-0U5	mDRIVE- ENHANCED CONSTRUCTION - ECON, PERF, AND PERF+ DRIVE MO	0.00
6SA-A1X	TRANS. KICK-DOWN MODE, ENABLED	0.00
U7A-Z1X	WITHOUT TRANSMISSION PROTECTION	0.00
779-001	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)	0.00
B1E-A1X	TRANSMISSION AUTO NEUTRAL ON P-BRAKE	0.00
MAV-01V	W/O ALLISON FUELSENSE 2.0 PROGRAMMING	0.00
VEHICLE ELECTRONICS		
JCX-E6X	105 KM/H ROAD SPEED LIMITER (65MPH)	0.00
Y3C-C6X	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)	0.00
X-A1X	CRUISE CONTROL	0.00
JFX-LLX	MAX CRUISE, 105 KPH (65 MPH)	0.00
E3A-ACX	MIN CRUISE, 32 KPH (20 MPH)	0.00
E4A-Z1X	WITHOUT CRUISE RESUME WITH CLUTCH	0.00
A-ACX	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	0.00
U4A-Z1X	WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE	0.00
U5A-Z1X	WITHOUT LOW GEAR VEHICLE LIMITING SPEED	0.00
X2B-Z1X	WITHOUT WITH RSL CONTROL TYPE	0.00
L2C-B1X	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 24KMH (15MPH)	0.00
Q6F-AHX	DIFFERENTIAL LOCK ROAD SPEED LIMIT 24KMH (15MPH)	0.00
B-Z1X	WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH	0.00
A4B-AAX	DETECTION OF SPEED SENSOR TAMPERING, ENABLE	0.00
8RX-AEX	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED	0.00
Y1C-Z1X	ACCELERATION LIMITING FEATURE, DISABLED	0.00
Z2C-Z1X	WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE	0.00
Z3C-Z1X	WITHOUT LAST RATIO FOR FULL HIGH IDLE	0.00
X3C-B1X	DRIVER ID FUNCTION, DISABLED	0.00
X5C-Z1X	WITHOUT RESET DRIVER ID TIMER	0.00
X4C-Z1X	WITHOUT DRIVER ID ALERT TIMER	0.00
C7C-Z1X	WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS	0.00
0PA-Z1X	WITHOUT DRIVER PERFORMANCE PARAMETERS	0.00

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4KA-Z1X	WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL	0.00
E8A-Z1X	WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE	0.00
G5A-AHX	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM	0.00
G2A-AGX	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM	0.00
G4A-AUX	VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)	0.00
G3A-APX	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)	0.00
G1A-ABX	ENGINE IDLE DELAY TO START LOG, 2 MIN	0.00
W7A-Z1X	WITHOUT PERIODIC TRIP LOG, HOUR	0.00
W8A-Z1X	WITHOUT PERIODIC TRIP LOG, DAY OF WEEK	0.00
W9A-01X	PERIODIC TRIP LOG, DAY 1 OF THE MONTH	0.00
P6X-99X	WITHOUT SERVICE ALERT SYSTEM	0.00
PTO ELECTRONICS		
C8A-Z1X	WITHOUT FAN ENGAGEMENT DUE TO PTO	0.00
Y9C-R1X	TRANSMISSION PTO1 SPLIT GEAR RANGE,(KEYPAD)REMOTE CONTROLLED	0.00
Z1C-R1X	TRANSMISSION PTO2 SPLIT GEAR RANGE,(KEYPAD)REMOTE CONTROLLED	0.00
F2A-Z1X	WITHOUT PTO 1ST, SINGLE SPEED CONTROL	0.00
F3A-AEX	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM	0.00
F5A-ABX	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0.00
F6A-ABX	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC	0.00
F7A-APX	PTO 1ST, MAX ENGINE SPEED, 2100 RPM	0.00
F8A-AGX	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0.00
X3A-Z1X	WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED	0.00
F9A-ABX	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM	0.00
G0A-Z1X	PTO 1ST, AUTO SET SINGLE SPEED, DISABLE	0.00
L6C-Z1X	WITHOUT PTO1 HOLD	0.00
L7C-Z1X	WITHOUT PTO1 ACCEL "BUMP-UP"	0.00
L8C-Z1X	WITHOUT PTO1 DECEL "BUMP-DOWN"	0.00
H2A-Z1X	WITHOUT 2ND PTO, SINGLE SPEED CONTROL	0.00
H6A-AEX	PTO 2ND, SINGLE SPEED SETTING, 1000 RPM	0.00
H0A-ABX	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)	0.00
G9A-ABX	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC	0.00
H7A-ANX	PTO 2ND, MAX ENGINE SPEED, 2100 RPM	0.00
H5A-AGX	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0.00
X4A-Z1X	WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED	0.00
G8A-ABX	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM	0.00
H4A-Z1X	PTO 2ND, AUTO SET SINGLE SPEED, DISABLE	0.00
L3C-Z1X	WITHOUT PTO2 HOLD	0.00
L4C-Z1X	WITHOUT PTO2 ACCEL "BUMP-UP"	0.00
L5C-Z1X	WITHOUT PTO2 DECEL "BUMP-DOWN"	0.00
PAINT		
950-AD0	SINGLE COLOR	0.00
924-024	METALLIC PAINT	243.00
944-AU9	SEMINOLE RED METALLIC; P9001	188.00
945-998	NO SECOND TRUCK COLOR PROVIDED; NO COLOR	0.00
946-998	NO THIRD TRUCK COLOR PROVIDED; NO COLOR	0.00
998-AA3	PAINT - CAB, URETHANE CLEAR COAT	0.00

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MPB-944	SAME AS FIRST COLOR - CAB	0.00
MPD-944	SAME AS FIRST COLOR - HOOD	0.00
943-998	WITHOUT CHASSIS FAIRINGS	0.00
966-998	WITHOUT SUN VISOR PAINT	0.00
940-998	WITHOUT MIRROR COVER PAINT	0.00
MPC-998	WITHOUT SLEEPER ROOF COLOR	0.00
MPA-998	WITHOUT ROOF FAIRING	0.00
951-AA6	MACK BLACK (URETHANE); P3036	0.00
958-028	W/O OPTIONAL BUMPER PAINT	0.00
969-019	W/O OPTIONAL FUEL TANK PAINT	0.00
982-032	SAME AS CHASSIS RUNNING GEAR	0.00
983-033	SAME AS CHASSIS RUNNING GEAR	0.00
CALCULATED CODES - KAX		
9JX-A1X	YES, THE ORDER MUST BE CALCULATED	0.00
D5E-A1X	AUTOMATIC ROUTING AND CLIPPING PLACEMENT, CENTER SECTION	0.00
BASE WARRANTY AND PURCHASED COVE		
898-003	HEAVY DUTY WARRANTY CLASSIFICATION	0.00
M50-030	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (1	0.00
M83-02T	CARB + EPA for Mack MP7 / MP8 Diesel	0.00
M51-104	CARB - ENGINE PLAN 2, 60 MO/400K MILES, MP7/MP8 LT460HP	0.00
M52-052	US and CANADA CARB EQUIPPED VEHICLE EMISSION COMPONENTS COVE	0.00
M53-065	CARB - EATS: 60 MO/400K MI-ENGINE AFTERTREATMENT LT460	0.00
M54-104	36 MONTHS: STANDARD mDRIVE HD TRANSMISSIONS HEAVY DUTY WARR	0.00
M71-0J1	WITHOUT mDRIVE CLUTCH PROTECTION PLAN	0.00
M55-0G7	STANDARD MACK HEAVY DUTY COVERAGE 60 MONTHS / 500,000 (804,6	0.00
M56-026	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12	0.00
M57-027	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000	0.00
M58-028	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES	0.00
M61-Z1X	W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE	0.00
M59-Z1X	W/O STARTER PURCHASED COVERAGE	0.00
M60-Z1X	W/O ALTERNATOR PURCHASED COVERAGE	0.00
M65-Z1X	W/O SERVICE AGREEMENT	0.00
M99-998	W/O CUSTOM/BUNDLED PURCHASE COVERAGE OPTION	0.00
CONNECTED SERVICES		
S02-010	NO MACK ONECALL BUNDLE	0.00
S03-014	MACK INTEGRATED UPTIME - 60 MONTHS	0.00
S04-014	MACK CONNECT LOCATION AND REPORTING - 60 MONTHS	0.00
S05-010	WITHOUT FLEET INTEGRATION	0.00
S06-400	NO PARTNERED SERVICES PROVIDED	0.00