

Contracting Entity:			
Contract Name:		Contract Number:	
Contract Term:		Estimated Expenditure:	
Description / Scope of Purchase (include item numbers):			
Market Analysis: Provide comparison pricing within the market or through verification of other governmental agencies.			
Is Company/Distributor Local?		Does Contract Contain Cooperative-Purchasing Provision?	

Yes:

No:

Yes:

No:

Lee County Procurement Approval

Date:

Printed Name

Kacey Bell

PRICE COMPARISON - PB240154KLB - One (1) Roll Off Truck and Six (6) Semi-Road Trucks

Comparison One (1) Roll Off Truck and Six (6) Semi-Road Trucks					
Contract Pricing	Description	Total Price/Unit	Difference/Unit	Total Savings	
Florida Sheriffs Association	One (1) Roll Off Truck and Six (6) Semi-Road Trucks	\$1,212,410.22			FSA23-VEH21.0
List Price - Tampa Truck Center	One (1) Roll Off Truck and Six (6) Semi-Road Trucks	\$1,511,595.22	\$299,185.00	\$299,185.00	
Pricing per vehicle : Florida Sheriffs Association		Pricing per vehicle : List Price - Tampa Truck Center			
One (1) Roll Off Truck: \$219,294.90		One (1) Roll Off Truck: \$281,101.90			
One (1) Semi-Road Truck: \$165,519.22		One (1) Semi-Road Truck: \$205,082.22			
Differential per Item:					
One (1) Roll Off Truck and Six (6) Semi-Road Trucks		19.793%			
Analysis Summary					
<i>Utilizing the Florida Sheriffs Association Contract FSA23-VEH21.0, Lee County will save 19.793% compared to the List Price for the One (1) Roll Off Truck and Six (6) Semi-Road Trucks. Additionally, the County will save a total of \$299,185.00 by piggybacking the Florida Sheriffs Association Contract FSA23-VEH21.0.</i>					



Buyer's Order

Nextran Truck Centers - Tampa
 7810 Adamo Drive
 Tampa, FL 33619
 (813) 626-7141 or (800) 932-6225 Fax (813) 622-7297

Salesperson: Matt Fleming

Date: 1/17/2024

CUSTOMER INFORMATION

Name: **Lee County BOCC**
 Address: 10550 Buckingham Rd.
 City: Fort Myers State: FL Zip Code: 33905 Phone: (239) 533-8929
 County: Lee

TRUCK INFORMATION

Body Details

Quantity	Year	Make	Model	VIN #	Year	Make	Model	SERIAL #
1	2025	Mack	GRANITE 64E	TBD	2024	Galbreath	U5-OR-174	TBD
			2nd VIN		-	-	-	-
			3rd VIN	-			2nd Serial #	-
			4th VIN	-			3rd Serial #	-
			5th VIN	-			4th Serial #	-
**See Addendum for Additional VIN #							5th Serial #	-

IN ACCORDANCE WITH FLORIDA SHERIFFS STATE BID NO. FSA 23-VEH21.0

SPECIFICATION # 63, Mack, AN OR G Series

FSA TRUCK SPECIFICATION

Price below reflects per unit

	ALL TRUCKS	Locals and Comments
Total Selling Price	\$ 219,571.80	-
Extended Warranty	\$ -	-
APU	\$ -	-
Premium Maint. Plan	\$ -	-
Subtotal	\$ 219,571.80	-
Disposal/Temp Tags	\$ -	-
Tire Tax Credit	\$ (276.90)	-
Tag and Title	\$ -	-
Miscellaneous	\$ -	-
County Surtax	\$ -	-
Total before Down Pmt	\$ 219,294.90	-
Down Payment	\$ -	-
Total Price ALL	\$ 219,294.90	-

I have read and understand the above. It is intended by my signature hereon that this be a binding, enforceable sales agreement. I further understand that the terms and conditions that follow are a true and integral part of this agreement.

Purchaser's Signature

Date

1/17/2024

Accepted by Nextran Truck Centers

Date

This agreement shall not be binding on Nextran Truck Centers until accepted by the General Manager.

TERMS AND CONDITIONS

1. **Acceptance.** The purchaser identified on the first page hereof ("Purchaser") and Nextran Corporation, a Florida corporation d/b/a Nextran Truck Centers ("Dealer") hereby agree that these Terms and Conditions are incorporated into, and constitute an integral part of, the Sales Agreement governing Purchaser's purchase of motor vehicles from Dealer as more particularly described on the first page hereof.

2. Purchaser's Payment of Charges. Purchaser shall pay all charges arising out of or associated with this Agreement, whether correctly stated on page one of this Sales Agreement or otherwise, including without limitation all tag, license, tire, battery and lien fees, and all federal, state and local taxes. Purchaser shall pay all amounts required to pay off and satisfy in full all liens on Purchaser's trade-in vehicle(s), as may be required by any such lien holder, regardless of whether the lien holder has quoted the wrong amount, the payoff amount has changed since the date of any such quote, or Purchaser has failed to disclose all lien holders on such vehicle(s). If Purchaser chooses to pay any portion of the purchase price by using a bank or credit card, Purchaser shall pay all charges associated with the use of such card imposed on Dealer and shall promptly reimburse Dealer upon demand for any such costs arising after the consummation of any sale.

3. Deposit. Upon the execution of this Sales Agreement, Purchaser shall pay to Dealer a non-refundable deposit in the amount set forth on the first page of this Sales Agreement. If Dealer fails to deliver the motor vehicle(s) as contemplated herein, Purchaser's sole remedy against Dealer shall be a return of the deposit as liquidated damages in full settlement of any and all claims relating to this Sales Agreement, and Purchaser hereby waives any claims to the contrary. If Purchaser fails to pay the balance of the Selling Price, fails to take delivery of the motor vehicle for any reason or otherwise breaches its obligations under this Sales Agreement, Dealer shall be entitled to retain the entire deposit as liquidated damages in full settlement of any and all related claims. Purchaser and Dealer acknowledge that their actual damages arising out of any breach of this Sales Agreement would be difficult or impossible to calculate with specificity and that the foregoing treatment of the deposit constitutes mutually bargained liquidated damages and not a penalty.

4. Commercially Reasonable Efforts. Dealer shall use all commercially reasonable efforts to make prompt delivery of the motor vehicle(s) contemplated hereby. However, Purchaser acknowledges and agrees that time is not of the essence with respect to the transactions contemplated in this Sales Agreement.

5. Warranties. DEALER MAKES NO REPRESENTATIONS OR WARRANTIES OTHER THAN THE MANUFACTURER'S WARRANTY ON NEW MOTOR VEHICLES. ALL USED MOTOR VEHICLES ARE **SOLD BY PURCHASER "AS IS, WITHOUT WARRANTY," EITHER EXPRESS OR IMPLIED. DEALER SPECIFICALLY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE OF THE MOTOR VEHICLE(S) SOLD UNDER THIS SALES AGREEMENT, ALL OF WHICH PURCHASER HEREBY WAIVES TO THE FULLEST EXTENT PERMITTED BY LAW.** Purchaser acknowledges that no person is authorized to make any representations or warranties to the contrary, whether oral or written. _____ *(Initials of Purchaser)*

6. Limitation of Liability; Waiver of Claims. Purchaser shall have the right to fully inspect the motor vehicles sold under this Sales Agreement at the time of delivery. Dealer shall not be liable for, and Purchaser's acceptance of such motor vehicle constitutes Purchaser's waiver of, any and all claims, causes of action, losses and damages arising out of Dealer's sale of the motor vehicle to Purchaser, including without limitation any and all actual, incidental or consequential damages arising out of: a) loss, damage or delays for any reason; b) failure to supply any property ordered hereunder; c) loss of use, loss of time, lost profits or income; d) changes in design, materials or specifications; e) modifications to the motor vehicle performed by others; and f) defects in design, materials or workmanship, in each case with respect to the motor vehicles purchased by Purchaser pursuant to this Sales Agreement.

Purchaser shall indemnify, defend and hold Dealer and its affiliated companies and their officers, agents, and employees harmless from and against all loss, liability and expense, including reasonable attorneys' fees, by reason of bodily injury including death, and property damage, sustained by any persons including but not limited to the officers, agents and employees of Purchaser, as a result of the maintenance, use, operation, servicing, transportation, defect in or failure of such motor vehicles, whether such bodily injury, death or property damage is due or claimed to be due in whole or in part, to any neglect, default, defect, fault, failure, act or omission, by or on behalf of Dealer, its officers, agents and employees or any other person, including but not limited to any claims of strict liability in tort, breach of warranty, and/or negligence. Purchaser acknowledges that this waiver constitutes a material inducement for Dealer to consummate the transactions contemplated in this Sales Agreement and is subject to no exceptions.

7. Modifications by Others. Purchaser acknowledges that any requested modifications to the motor vehicles subject to this Sales Agreement to be performed by others are Purchaser's sole responsibility, and Purchaser shall pay Dealer for the cost of such modifications, regardless of whether Purchaser takes delivery of the vehicle. Dealer is not liable for any defects in design, materials or workmanship, or any errors or omissions by such third parties.

8. Trade-in Allowance. The trade-in allowance set forth on page one of this Sales Agreement is based upon an appraisal by Dealer of the trade-in described herein in its present mechanical condition and with the equipment and attachments described on Dealer's appraisal sheet. Such trade-in shall be subject to reappraisal at the time of delivery of the motor vehicle to be sold hereunder. Purchaser shall be liable for any differences in the trade-in allowance due to changes in mechanical condition, equipment or attachments.

9. Entire Agreement. This Sales Agreement constitutes the complete and exclusive statement of the terms of the agreement between Purchaser and Dealer concerning the subject matter hereof and supersedes all prior agreements, understandings, negotiations and discussions of the parties, whether written or oral. No modification, course of conduct, amendment, supplement to or waiver of this Sales Agreement shall be binding unless made in writing and signed by both Purchaser and Dealer.

10. Assignment. This Sales Agreement may not be assigned by Purchaser without Dealer's prior written consent, and any attempted assignment by Purchaser shall be null and void. Subject to the foregoing, this Sales Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, successors, permitted assigns and legal representatives. There are no third party beneficiaries of this Sales Agreement.

11. Governing Law; Consent to Jurisdiction; Waiver of Right to Trial by Jury. This Sales Agreement and the rights and obligations of the parties hereunder shall be governed by, and construed and interpreted in accordance with, the laws of the State of Florida, without giving effect to the conflict of laws principles thereof. Venue for any litigation, legal action or other proceedings arising out of or relating to this Sales Agreement shall lie solely in the courts of the State of Florida located in Dade County, Florida. Purchaser and Dealer (a) agree that such courts shall have exclusive jurisdiction over any matters arising out of or related to this Sales Agreement and (b) hereby waive any and all claims to the effect that any of such courts constitutes an inconvenient forum. The parties hereby irrevocably and unconditionally waive any right they may have to a trial by jury in any suit, action, proceeding, or counterclaim arising out of or relating to this SALES Agreement.

12. Miscellaneous. Risk of loss shall pass to the Purchaser upon delivery of the motor vehicle sold under this Sales Agreement. A facsimile of this Sales Agreement shall have the same legal effect as an original hereof. In the event of any litigation arising out of this Sales Agreement, the non-prevailing party shall reimburse the prevailing party for the reasonable attorneys' fees and other expenses incurred by the prevailing party in connection therewith.

By:

(Purchaser Signature)

Customer Lee County Solid Waste	Date 1/17/2024
Bid No. FSA23-VEH21.0	


Department Solid Waste			
Description 2025 Mack AN or G series (Truck) GR64B, Roll Off			
Model:	GR64B, Item 63	Base Price:	\$ 206,679.00 \$ 137,308.00

OPTIONS No.	Description	List	FSA Price
Published Options + Up-Grades to Base			
1001857	Mack MP7 425HP ENGINE UPGRADE		\$ 2,077.00
20F46R	66,000lb GVWR Package		\$ 5,738.00
2540401	Dual Differential Locking Rear		\$ 1,195.00
TBCP EOF	Trailer Air Brake Connections		\$ 549.00
1898000	PTO Preparation Kit - Factory Prewired		\$ 168.00

	Un-Published Options	List	FSA Price
DPF0111	11.8 Gallon tank	\$ 65.00	\$ 37.00
1305101	Single Vertical Righ Side Mounted Lower Ventura	\$ 404.00	\$ 315.00
1321233	DELCO 12V 165A Alternator	\$ 266.00	\$ 207.00
EXMF-BS1	Exhaust: Bright Finish Stack	\$ 104.00	\$ 81.00
3180010	Battery Disconnect: Flaming River	\$ 157.00	\$ 122.00
MCB002	Mechanical Clutch	\$ 216.00	\$ 168.00
2452211	Sheppard M100P Steering	\$ 967.00	\$ 754.00
2531109	Meritor - Meritor - Cam 16.5"x8.0" Rear Brakes	\$ 152.00	\$ 119.00
LUBER-SN	75W - 90 Synthetic	\$ 166.00	\$ 129.00
2710253	253" Wheel Base	\$ 642.00	\$ 501.00
MCE0015	11.1 x 105 X 300mmm Large Single Frame Rail	\$ 1,274.00	\$ 917.00
BUMP-SCE	Extended-Swept Back-Bright Finish Bumper	\$ 401.00	\$ 313.00
Guard-GB	Radiator Guard	\$ 416.00	\$ 324.00
ATANK-AL	Air Reservoirs	\$ 310.00	\$ 242.00
TL-SER44	LED Tail Lamps	\$ 319.00	\$ 249.00
3229017	Trailer Hook Up LED Trucklight	\$ 330.00	\$ 257.00
2GP-ETPA	2ND Secondary Gauge Package	\$ 155.00	\$ 121.00
APNOUTC	Aux. In Cab Pneumatic - Line Clean Out	\$ 73.00	\$ 57.00
CR-COB3	Cobra Weather Band 40 Channel	\$ 212.00	\$ 165.00
CBM-OPP	CB Mounting Plate	\$ 171.00	\$ 133.00
1963140	Driver Seat: H.Back Air; 4 Chamber Lumbar w/Premium Cov	\$ 605.00	\$ 472.00
MAP2004	Drivers Seat -Steel Grey Vinyl/Cloth Mix	\$ 270.00	\$ 211.00
5929008	Lap And Shoulder Height Orange Seat Belts	\$ 122.00	\$ 95.00
4000026	Grille Bright Finish Bars w/Sorround Grill	\$ 119.00	\$ 93.00
1540002	Two (2) Rectangular Single Trumpet Air Horns	\$ 115.00	\$ 90.00
15H2003	8" Round Mirror Convex Hood & Fender	\$ 213.00	\$ 166.00
1529045	Exterior Mirrors: Bulldog stylized, Heated	\$ 677.00	\$ 528.00
1570001	Sun Visor - Exterior Painted	\$ 234.00	\$ 183.00
5312740	22.5x12.25 Accuride White Front Wheels	\$ 142.00	\$ 111.00
3461520	22.5x8.25 Accuride White Rear Wheels	\$ 120.00	\$ 94.00

Vendor and Local Options			
	60,000# Galbreath Hoist	\$ 41,775.00	\$ 41,775.00
	Pioneer Rack and Pinon Tarp System	\$ 12,500.00	\$ 12,500.00
	Can Hooker System	\$ 4,750.00	\$ 4,750.00
	35 Ton Pintle Hitch	\$ 475.00	\$ 475.00
	Chrome Bug Deflector	\$ 560.00	\$ 560.00
	GROTE 112 DP Back-Up Alarm-Non Variable	\$ 269.00	\$ 269.00
	Prep	\$ 4,400.00	\$4,400.00
	SubTotal:	\$280,825.00	\$219,018.00
	(Tire Tax Credit):	\$ 276.90	\$ 276.90

Net Price Each, Total: \$281,101.90 \$219,294.90


 Matt Fleming
 Nextran Truck Centers
 2150 Rockfill Rd. Fort Myers, FL. 33916
 (239) 334-7300

1/17/2024
Date

Bid Award

Contract: FSA23-VEH21.0, Heavy Trucks and Buses

Group: Cab and Chassis Trucks: 52,000 lbs. GVWR Truck 4x6

Item: 63, Mack, AN or G Series, AN or G Series

Zone	Rank	Vendor	Price	Build File	Options File
Western	Primary	Nextran Truck Centers	\$137,308.00	Build	Options
Northern	Primary	Nextran Truck Centers	\$137,308.00	Build	Options
Central	Primary	Nextran Truck Centers	\$137,308.00	Build	Options
Southern	Primary	Nextran Truck Centers	\$137,308.00	Build	Options

Florida Sheriffs Association Cooperative Purchasing Program Options List

Option Code	Description	Price	Installation	MSRP Discount	Cost-Plus Markup
Bid Number	FSA23-VEH21.0				
Bid Title	Heavy Trucks and Buses				
Bidder	Nextran Truck Centers				
Item Make & Model	Mack AN or G Series (Truck)				
Item Number	63				
1001853	ENGINE - 395HP	\$1,237.00	Factory	-33.00%	
1001857	ENGINE - 425HP	\$2,077.00	Factory	-33.00%	
1001840	ENGINE - 455HP	\$2,790.00	Factory	-33.00%	
1001841	ENGINE - 505HP	\$3,798.00	Factory	-33.00%	
1361509	TRANSMISSION - 13 SPD MDRIVE	\$1,995.00	Factory	-33.00%	
1361511	TRANSMISSION - 14 SPD MDRIVE	\$2,447.00	Factory	-33.00%	
1364581	TRANSMISSION - ALLISON 4500 RDS	\$14,802.00	Factory	-33.00%	
1362135	TRANSMISSION - 14908LL	\$1,975.00	Factory	-33.00%	
2401507	14,600 FRONT AXLE	\$834.00	Factory	-33.00%	
25401508	16,500 FRONT AXLE	\$1,187.00	Factory	-33.00%	
2401500	18K FRONT AXLE	\$1,423.00	Factory	-33.00%	
2401501	20K FRONT AXLE	\$1,983.00	Factory	-33.00%	
2681032	46K REAR AXLE	\$1,785.00	Factory	-33.00%	
1861506	46K REAR SUSPENSION - AIR RIDE	\$3,134.00	Factory	-33.00%	
14F44R	58K GVW PKG	\$2,669.00	Factory	-33.00%	
20F44R	64K GVW PKG	\$5,174.00	Factory	-33.00%	
20F46R	66K GVW PKG	\$5,798.00	Factory	-33.00%	
2902A50	DUAL FUEL TANKS	\$615.00	Factory	-33.00%	
MCE0017	DOUBLE FRAME - FULL STEEL INSERT	\$1,956.00	Factory	-33.00%	
2540101	FULL DIFF LOCK	\$1,195.00	Factory	-33.00%	
2886116	LH 116 FUEL TANK	\$300.00	Factory	-33.00%	
2906A50	RH 50 GUEL TANK	\$268.00	Factory	-33.00%	
5311627	ALL ALUMINUM WHEELS	\$2,683.00	Factory	-33.00%	
NEXALT	ALTERNATE TIRE MANUFACTURER	\$2,347.00	Factory	-33.00%	
TRAILER	Trailer Air Brake Connections: End of Frame with Electrical Receptacle	\$549.00	Factory	-33.00%	
4160007	REAR ENGINE PTO	\$1,970.00	Factory	-33.00%	
1896000	FACTORY PREP PTO	\$168.00	Factory	-33.00%	
SFTY	SAFETY PACKAGE COLLISION AVOIDANCE	\$4,094.00	Factory	-33.00%	
1003109	CNG OPTION - WITH ALLISON 4500 TRANSMISSION	\$32,980.00	Factory	-33.00%	
NEXPTO	PTO Only	\$3,300.00	Factory	-33.00%	
GR84F	Set Forward Option	\$2,012.00	Factory	-33.00%	
NEX AHAR	ALUMINUM HEAD RACK	\$2,450.00	Vendor		0.00%
NEX WKLB	WET KIT: LOW BOY MANUAL TRANSMISSION	\$8,564.00	Vendor		0.00%
NEX WKSLD	WET KIT: SINGLE LINE DUMP MANUAL TRANSMISSION	\$8,060.00	Vendor		0.00%
NEX MDWTL	MDRIVE WETLINE WET KIT: SINGLE LINE DUMP COMPLETE	\$10,075.00	Vendor		0.00%
NEX ALWTL	ALLISON WETLINE: 4500 RDS	\$8,564.00	Vendor		0.00%
NEX WK2LWF	TWO LINE WALKING FLOOR MANUAL TRANSMISSION	\$9,068.00	Vendor		0.00%
NEX ECCO 14	14IN STROBE LIGHT	\$975.00	Vendor		0.00%
NEX ECCO 60	60IN STROBE LIGHT	\$2,500.00	Vendor		0.00%
NEX ECCO WL	LED WORK LIGHTS	\$450.00	Vendor		0.00%
NEX 12 SD	12 YD. DUMP BODY WITH HOIST AND ELECTRIC TARP SYSTEM	REQUEST	Vendor		
NEX 14 SD	14 YD. DUMP BODY WITH HOIST AND ELECTRIC TARP SYSTEM	REQUEST	Vendor		
NEX 12 FD	12' FLAT DUMP W/FOLD DOWN SIDES	REQUEST	Vendor		
NEX 18 SD	18 YD. DUMP BODY WITH HOIST AND ELECTRIC TARP SYSTEM	REQUEST	Vendor		
NEX 18 ST	16', 18 CUBIC YD STAMPEDE BODY	REQUEST	Vendor		
NEX 13 RDA	13,200 LB. RIGID LIFT AXLE WITH 11R22.5 TIRES AND STEEL WHEELS	REQUEST	Vendor		
NEX 13 SDA	13,200 LB. STEERABLE LIFT AXLE WITH 11R22.5 TIRES AND STEEL WHEELS	REQUEST	Vendor		
NEX 20 RDA	20,000 LB. RIGID LIFT AXLE WITH 11R22.5 TIRES AND STEEL WHEELS	REQUEST	Vendor		
NEX 20 SDA	20,000 LB. STEERABLE LIFT AXLE WITH 11R22.5 TIRES AND STEEL WHEELS	REQUEST	Vendor		
BV	BODY VIBRATOR	REQUEST	Vendor		
HLT	HIGH LIFT TAIL GATE	REQUEST	Vendor		
BARN DOOR	REAR BARN DOOR TAILGATE	REQUEST	Vendor		
25 TON PINTLE HOOK	25 TON PINTLE HOOK WITH ELECTRIC, AIR HOOK UP, AND D RINGS	REQUEST	Vendor		
NEX 60 174/RP4500	ROLLOFF HOIST AND TARP SYSTEM	REQUEST	Vendor		
66K GVW LUBE FUEL TK	66K GVW LUBE FUEL TRUCK	REQUEST	Vendor		
AL1	PETERSON ATLAS GRAPPLE LOADER WITH DUMP BODY	REQUEST	Vendor		
NEX 60 KGF	60,000 LB. ABOVE FRAME ROLLOFF HOIST AND TARP	REQUEST	Vendor		
4,000 GL TANKER	4,000 GALLON TANKER	REQUEST	Vendor		
6X6 WETLINE	6X6 WETLINE KIT AND CATWALK WITH SKID PLATES	REQUEST	Vendor		
6X6 OPTION	6X6 OPTION FROM THE MOD CENTER	REQUEST	Vendor		
3YR/300K	3 YEAR, 300,000 MILE WARRANTY ON MACK ENGINE PLAN 2 EXHAUST AFTER TREATMENT SYSTEM WITH MACK ENGINES UNDER 460HP	\$1,930.00	Factory		0.00%
5YR/300K	5 YEAR, 300,000 MILE WARRANTY ON MACK ENGINE PLAN 2 EXHAUST AFTER TREATMENT SYSTEM WITH MACK ENGINES UNDER 460HP	\$2,335.00	Factory		0.00%
5YR/400K	5 YEAR, 400,000 MILE WARRANTY ON MACK ENGINE PLAN 2 EXHAUST AFTER TREATMENT SYSTEM WITH MACK ENGINES UNDER 460HP	\$4,120.00	Factory		0.00%

TECHNICAL SPECIFICATION

GRANITE 64BR



APPLICATION PACKAGES		DESCRIPTION
	MPK0LK	CHASSIS CONFIGURATION PACKAGE
		ONEBOX EATS, RH BATTERY BOX, 6.6 GALLON (25L) SLEEVED DEF, 22" SLEEVED LH FUEL TANK
S	MBP02P	BODY BUILDER PACKAGE
		WITHOUT BODY BUILDER PKG

CUSTOMER/VEHICLE INFO		DESCRIPTION
S	002EO2	CHASSIS (BASE MODEL)
		GRANITE 64BR
S	99X93X	ASSEMBLY PLANT
		Made in Macungie, PA USA
	MP2001	CUSTOMER FLEET SIZE
		DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	013001	TYPE OF SERVICE
		COMMERCIAL
S	M98018	WARRANTY REGISTRATION LOCATION
		USA - WARRANTY REGISTRATION LOCATION
	MBT01T	EMISSION WARRANTY CERTIFICATION
		EPA (only) for Mack MP7 / MP8 Diesel
	M84009	INTENDED REGISTRATION LOCATION
		FLORIDA
S	5050B5	INITIAL REGISTRATION LOCATION
		USA REGISTRATION
	5FFB1X	BRAND ORNAMENT
		BULLDOG BRAND ORNAMENT, CHROME
S	534014	LANGUAGE-PUBS/DECAL/SIGNS
		ENGLISH
S	DHX10X	ROAD CONDITION
		WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE
	0050L5	VEHICLE USE & BODY/TRAILER TYPE
		DUMP TRUCK
	2KEZ1X	TRAILER TYPE
		WITHOUT TRAILER TYPE
S	DKX99X	GROSS COMBINATION WEIGHT (CA in PC29 only)
		TRUCK ONLY - NO TRAILER TOWING PROVISIONS PROVIDED
S	70BB1X	BRAKE REGULATION
		BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
	QCXA1X	TOPOGRAPHY
		GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%
S	E1BD1X	AMBIENT TEMP UPPER LIMIT (GTA)
		AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
S	032A89	OPERATING TERRAIN GRADE CONDITIONS
		ON-OFF HIGHWAY, STARTING GRADES<18%
	033A30	LOADING SURFACE FACTOR
		GRAVEL LOADING AND / OR UNLOADING SURFACE
	0342A2	VEHICLE VOCATION
		CONSTRUCTION SERVICE

ENGINE/TRANSMISSIONS		DESCRIPTION
	1004Q0	ENGINE PACKAGE, COMBUSTION
		MP7-355C MACK 355HP @ 1600-1800 RPM (PEAK) 2100 RPM (GOV) 1250 LB-FT, US'21
S	3GCB1X	GHG APPLICATION, VEHICLE
		GREEN HOUSE GAS VOCATIONAL APPLICATION
	136AD5	TRANSMISSION
		FULLER FRO-14210C (12.69/0.74)
S	V4EZ9X	GEARBOX 12TH GEAR LOCK-OUT
		WITHOUT 12TH GEARBOX GEAR LOCK-OUT

EXHAUST/EMISSIONS		DESCRIPTION
	CIRAA2	CARB 2008 IDLE REGULATION
		IDLE EMISSION CERTIFICATION, BASIC
	Z8FT1X	NOX LIMITS
		CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance
S	DPF04F	DPF DIESEL PARTICULATE FILTER
		CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21
S	MCF07F	CHASSIS MOUNTED EMISSIONS FINISH
		W/O DEF COVER & PAINTED DPF COVER
S	DF10O1	DIESEL EXHAUST FLUID TANK
		6.6 GALLON (25 L) 22" LEFT SIDE FUEL TANK MTD
S	130AB6	EXHAUST
		SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT END
S	KRXB5X	EXHAUST STACK HEIGHT
		11' 6" FROM GROUND
S	Q0AA1X	EXHAUST SYSTEM MATERIAL FINISH
		W/O BRIGHT FINISH EXHAUST
	78ADCX	EMISSION ON BOARD DIAG CONTROL
		EMISSION OBD, DISPLAY ONLY, USA2023

TECHNICAL SPECIFICATION *(cont.)*



ENGINE EQUIPMENT			DESCRIPTION
S	125045	AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD
S	121AA5	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	1130G3	AIR COMPRESSOR/DRYER	WABCO HEATED SS-HP AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR
S	KOXA1X	AIR DRYER POSITION (CA)	AIR DRYER POSITION STANDARD
S	132AB9	ALTERNATOR	DELCO 12V 160A (28SI) BRUSH-TYPE
S	316AA5	BATTERIES	(3) MACK 12V 760/2280 CCA THREADED STUD TYPE
S	393AB0	BATTERY BOX - MOUNTING (x)	RH RAIL BEHIND SCR
S	L5XA1X	BATTERY BOX COVER	MOLDED PLASTIC
S	NCXA5X	STARTER MOTOR	12 VOLT DELCO 39MT-MXT
	110AA5	ENGINE BRAKE	MACK MP7 POWERLEASH
S	JMxB1X	ENGINE BRAKE LIGHTING (CA)	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)
S	118AB8	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
S	119AI9	COOLANT PROTECTION	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO - 34DEG, W/ FILTER
S	124AA3	HOSES - RADIATOR/HEATER	MACK EPDM RADIATOR & HEATER HOSES
S	293043	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)
S	MBXA1X	PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION
S	MCA04A	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)
S	QHXC1X	OIL SUMP	OIL PAN
S	2YBZ1X	ENGINE STOP, EMERGENCY (CA in PC29 only)	WITHOUT ENGINE STOP, EMERGENCY

CLUTCH/TRANS EQUIPMENT			DESCRIPTION
	492032	GEAR SHIFTER	EATON/FULLER SHIFTER
	133AD6	CLUTCH	EATON ADVANTAGE SOLO 9-SPRING,2PLATE 15.5" CERAMIC 6 PADDLES, SELF ADJUST
	MCB04B	CLUTCH ACTUATION SYSTEM & PEDAL PAD	MECHANICAL CLUTCH CABLE SYSTEM WITH RUBBER PEDAL
	195AB0	DRIVELINE - MAIN	MERITOR 18 MXL "XTENDED LUBE" (PROPS-L)
	204AA5	DRIVELINE - INTERAXLE	MERITOR 17 MXL "XTENDED LUBE"
	76AA1X	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE
S	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT
S	4LDA1X	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC
	7RXB1X	LUBRICANTS, TRANSMISSION	SYNTHETIC OIL IN TRANSMISSION
	139AA2	TRANSMISSION OIL COOLER	TRANS OIL COOLER (INTEGRAL OIL PUMP)

FRONT AXLE EQUIPMENT			DESCRIPTION
	240AA6	FRONT AXLE	12000# (5400 KG) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
	244AB2	SPRINGS - FRONT	MACK TAPERLEAF HD 12000# (5400 KG) GROUND LOAD RATING, EQUAL BIAS
	2410A1	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 5" Q+
S	U3XA1X	BRAKE, FRONT	CAST IRON
S	U0AA1X	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC
	V7AD1X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, MGM
S	0KXA1X	HUB MATERIAL, FRONT	FERROUS
S	61500A	FRONT AXLE LUBRICANT	FRONT AXLE LUBE, FAG NLGI2 GREASE
S	1KAA1X	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE
	245AA4	STEERING	TRW TAS66 INTEGRAL POWER

TECHNICAL SPECIFICATION *(cont.)*



REAR AXLE EQUIPMENT		DESCRIPTION	
	268055	REAR AXLE	40000# (18100kg) MACK S400R FABRICATED STEEL HOUSING
S	6MAA1X	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE
S	617003	DRIVE AXLE LUBRICANT	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL
S	01800R	CARRIER - REAR AXLE	150/151 SERIES (Tandem Mack Rear Axles up to 150,000lb GCW)
S	3LAC1X	POWER DIVIDER LOCKOUT	INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
	TAXAVX	REAR AXLE RATIO	3.79 RATIO
	18603Y	REAR SUSPENSION	SS40 MACK CAMELBACK MULTILEAF 40,000 lb, STANDARD DUTY
S	GWXABX	BOGIE SPREAD, REAR	50" AXLE SPACING (BOGIE WHEELBASE)
S	237037	AUX.SPRING BRAKE QTY	AUX SPRING BRAKE QTY, 4 CHAMBERS
S	253AA4	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)
S	U4XA1X	BRAKE, DRIVE, REAR	CAST IRON
S	U1AA1X	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC (Total for QTY = 2)
	V1AB1X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
	N5FAJX	BRAKE ORI REAR-MOST DRIVE AXLE	DRUM BRAKE CHAMBER ORIENTATION: High Mount - Rear of Axle - Chamber Down
	300AM0	PARKING BRAKE CHAMBER	MGM TR-T2 (TAMPER RESIST & BREATHER TUBE BRAKE CHAMBERS) LONG STROKE (Total for QTY = 2)
S	0LXI5X	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
S	698078	ANTILOCK BRAKE SYSTEM	BENDIX WITH TRACTION CONTROL 4S4M
S	URXD1X	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE

FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION	
	271188	WHEELBASE	188"
	374063	AF (OVERHANG)	63"
	MCE08E	FRAME RAILS & LINERS	9.5 x 90 x 300mm - (0.37" x 3.54" x 11.81"); RBM 2,470,000 LB-IN
S	5CAAAX	FRONT FRAME EXT. (BOLTED ON)	6" BOLT ON FRAME EXTENSION
S	A0XK1X	FRONT FRAME LENGTH	STANDARD BUMPER POSITION
S	281AA5	CROSSMEMBERS	BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CA	C4BL1X	INTERMED XMBR EXCLUSION ZONE	INT XMBR EXCLUSION ZONE, XM5350 THRU 5550+5650 THRU 5700
S	Q5AA1X	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER
S	X6XA1X	REAR FRAME TREATMENT	WITHOUT TAPERED FRAME RAIL ENDS
S	4DXM9X	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL
S	4ZAAAX	CROSSMEMBER, BOGIE TYPE	BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT
S	4EXG1X	TOWING DEVICE, FRONT	HOOKS
S	2RAA1X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
	288AF5	FUEL TANK - LH	88 GALLON (335 L) 22" ALUMINUM, SLEEVED D-SHAPED
S	290AA1	FUEL TANK - RH	W/O RH FUEL TANK
S	JHXB1X	FUEL HOSES, LIQUID	BRAIDED HOSE
S	8520C2	FUEL FILLER NECK OPTIONS	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP
	12AA1X	FUEL LINE OPTIONS, LIQUID	W/O FUEL LINE OPTION
S	Q2AA1X	CAB INSTEP VERSION	STANDARD 2 STEP CAB ACCESS
S	223AA3	STEPS (BRIGHT) - FUEL TANK	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS

AIR/BRAKE		DESCRIPTION	
S	UWXC1X	AIRTANK DRAIN VALVE	MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
S	U2XB1X	AIRTANK MATERIAL	STEEL AIR TANK PAINTED CHASSIS COLOR
S	141AA1	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS

TECHNICAL SPECIFICATION *(cont.)*



AIR/BRAKE		DESCRIPTION	
S	1JAAAX	PARKING BRAKE VALVE	SINGLE VALVE SYSTEM

ELECTRICAL		DESCRIPTION	
	5RXA6X	BACK-UP ALARM	ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB
S	3120A2	ROOF & SIDE MARKER LIGHTS	(5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL
S	LJXCAX	HEADLAMP BULB TYPE	HEADLAMP BULB TYPE, LED, HEATED
S	LSXJ7X	DAYTIME RUNNING LIGHTS	W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED
S	X2AA1X	DRL OVERRIDE SPEED THRESHOLD	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)
S	NEXC1X	TAIL LAMPS	INCANDESCENT TAIL LAMPS

PTO		DESCRIPTION	
	TYXE1X	POWER TAKE OFF CONTROL	TRANSMISSION PTO SWITCH AND LIGHT WITH WIRING AND PIPING FOR LOCAL INSTALLATION
S	B83083	BODY BUILDER INTERFACE	BODY LINK III W/CAB PASS-THRU

SPECIALTY EQUIPMENT		DESCRIPTION	
S	MCQ01Q	LANE SUPPORT SYSTEM (LSS)	WITHOUT LANE SUPPORT SYSTEM
S	2PEZ1X	DATA CAPTURE	WITHOUT DATA CAPTURE
S	1PAZ1X	CAMERA, SURVEILLANCE	WITHOUT CAMERA

CAB INTERIOR (A THRU G)		DESCRIPTION	
S	198048	SPEEDOMETER -&- GAUGES - UNIT(S) OF MEASURE	U.S. UNITS (PREDOMINANT)
	E1AAAX	GAUGE OIL TEMP-REAR AXLE	REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)
S	173AA5	AIR CONDITIONING/HEATER	BLEND AIR HVAC W/"ATC" TEMP REGULATION
S	EEXA1X	CUPHOLDER	CUPHOLDER
S	I0XAHX	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
S	3XAA1X	DASH INDICATOR - LAMP BODY OUT OF POS	DASH MTD, INDICATOR BODY/HOIST UP "BODYBUILDER LAMP"
S	V8DZ1X	CARBON MONOXIDE DETECTION SYS	WITHOUT CARBON MONOXIDE DETECTION SYSTEM
S	184AA2	FLOOR COVERING	POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS

CAB INTERIOR (H THRU R)		DESCRIPTION	
	C52092	INSTMNT CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH, OPTION: RUSSIAN
S	20XA1X	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM
S	13AA1X	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY
S	E3XD1X	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
S	1740D4	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH
S	73AC1X	ANTENNA - RADIO	RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
S	1WAB1X	POWER LEADS	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
S	5CXB2X	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
S	5JXAIX	COM.RADIO PREP KIT (CB)	CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB INTERIOR (S THRU Z)		DESCRIPTION	
S	004014	INTERIOR TRIM LEVELS	COMFORT TRIM PACKAGE, STEEL GRAY (Package 11A)
S	196AAA	SEAT - DRIVER'S	MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR

TECHNICAL SPECIFICATION *(cont.)*



CAB INTERIOR (S THRU Z)			DESCRIPTION
S	MAPB2X	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - STEEL GREY VINYL
S	197AA1	SEAT - PASSENGER'S	MACK-FIXED, HIGH BACK
S	MAQB2X	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - STEEL GREY VINYL
S	592092	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT
S	D8XC1X	SEAT BELT REMINDER	SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO
S	2QAA1X	IGNITION TYPE	KEY TYPE
S	161011	STEERING WHEEL	2 SPOKE URETHANE GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES
S	WSXBAX	WINDSHIELD TYPE	TWO PIECE WINDSHIELD
S	145AA1	CAB GLASS	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	JQXAAX	WASHER RESERVOIR POSITION	W/O WINDSHIELD WASHER OPTION
S	148AA3	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

CAB EXTERIOR			DESCRIPTION
S	MCY02Y	HOOD LATCH TYPE & FINISH	STRAP TYPE HOOD LATCH WITH BLACK FINISH
S	MCG0AG	EXTERIOR TRIM FINISH AND PACKAGES	GRANITE BRIGHT AIR INTAKE
S	400010	GRILLE	BLACK FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED
S	89AA1X	INSULATION - ENGINE COMPARTMENT	HOOD INSULATION
S	MCD03D	PASSENGER SIDE VISIBILITY OPTIONS	AUXILIARY WINDOW IN RH DOOR
S	5870G7	GRAB HANDLES	PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST
	154AA6	HORN - AIR	(1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED
S	LXXD1X	HORN - ELECTRICAL	DUAL TONE
S	1520B2	MIRRORS - EXTERIOR	FLAT MIRROR - POLISHED ALUMINUM FINSH, W/O LAMPS
S	153AA2	MIRRORS - CONVEX TYPE CAB DOORS	BRIGHT FINISH, LH & RH, 8" DIAMETER CONVEX

AERODYNAMIC DEVICES			DESCRIPTION
S	159AA1	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES
S	MCM998	FRONT CHASSIS AERODYNAMIC PACKAGE	WITHOUT FRONT AERODYNAMIC FAIRINGS

WHEELS & TIRES			DESCRIPTION
	900AS0	TIRES BRAND/TYPE - FRONT	11R22.5 G BRIDGESTONE R268 ECOPIA (12350 lbs) (Total for QTY = 2)
	5312F1	WHEELS - FRONT	22.5x8.25 ACCURIDE ACCU-LITE 51408x WHITE POWDER COAT STEEL, 6.60" OFFSET, 2 HAND HOLE (Total for QTY = 2)
	901601	TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 8)
	3462L6	WHEELS - REAR	22.5x8.25 ACCURIDE ACCU-LITE 51408x WHITE POWDER COAT STEEL, 6.60" OFFSET, 2 HAND HOLE (Total for QTY = 8)
S	15XABX	TIRE INFLATION VALVE	STANDARD VALVE STEMS AND CAPS
S	MCH03H	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM
S	MCI03I	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)
S	80AA1X	WHEEL NUT & FINISH, FRONT	WHEEL NUT BASIC FINISH, FRONT
S	3PBA1X	WHEEL NUT FINISH, REAR (CA)	WHEEL NUT BASIC FINISH, REAR

COMMUNICATION SYSTEMS			DESCRIPTION
S	3YAA1X	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1
S	M30060	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES

TECHNICAL SPECIFICATION *(cont.)*



ENGINE ELECTRONICS		DESCRIPTION	
S	WOXA1X	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN
	WIXAAX	COOLANT LEVEL, ENGINE SHUTDOWN	COOLANT LEVEL ENGINE SHUTDOWN
S	WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN
S	K5XA2X	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)
	K7XH3X	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM
S	X0AB0X	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	B1ACAX	IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY
S	A6AABX	IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	M4CB1X	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	D2AAFX	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	B3ABAX	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)
	B6ACEX	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM
S	B4ADAX	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM
S	B9AABX	EL HD THROTTLE,SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC

TRANSMISSION ELECTRONICS		DESCRIPTION	
	U7AA1X	TRANSMISSION PROTECTION	TRANS. PROTECTION, ENGINE SHUT DOWN (HIGH TEMP.)
S	779001	TRANSMISSION ELECTRONICS PACKAGE	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)
S	MAV01V	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	W/O ALLISON FUELSENSE 2.0 PROGRAMMING

VEHICLE ELECTRONICS		DESCRIPTION	
S	JCXE6X	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER (65MPH)
	Y3CC5X	PEDAL RSL SETTING	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)
S	JDXA1X	CRUISE CONTROL	CRUISE CONTROL
S	JFXLLX	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)
S	E5AACX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED
	L2CB1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 24KMH (15MPH)
	Q6FZ1X	DIFF LOCK SPEED LIMIT	WITHOUT DIFFERENTIAL LOCK ROAD SPEED LIMIT
S	A4BAAX	DETECTION SPEED SENSR TMPRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	8RXAEX	ENG TORQUE LIMIT,SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	X3CB1X	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED
S	0PAZ1X	DR PERFORMANCE PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS
S	G5AAHX	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	G2AAGX	ENGINE OVERSPEED,FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	G4AAUX	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	G3AAPX	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
S	G1AABX	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH

TECHNICAL SPECIFICATION (cont.)



PTO ELECTRONICS		DESCRIPTION	
S	F3AAEX	PTO1 SINGLE SPEED CONTROL RPM.	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM
S	F5AABX	PTO 1ST, MAX ROAD SPEED	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
S	F6AABX	PTO 1ST, SPEED RAMP RATE	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC
S	F7AAPX	PTO 1ST, MAX ENGINE SPEED	PTO 1ST, MAX ENGINE SPEED, 2100 RPM
S	F8AAGX	PTO 1ST, ROAD SPEED LIMIT	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S	F9AABX	PTO 1ST, MINIMUM ENGINE SPEED	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM
S	H6AAEX	PTO 2ND, SINGLE SPEED SETTING	PTO 2ND, SINGLE SPEED SETTING, 1000 RPM
S	H0AABX	PTO 2ND, MAX ROAD SPEED	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
S	G9AABX	PTO 2ND, SPEED RAMP RATE	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC
S	H7AANX	PTO 2ND, MAX ENGINE SPEED	PTO 2ND, MAX ENGINE SPEED, 2100 RPM
S	H5AAGX	PTO 2ND, ROAD SPEED LIMIT	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S	G8AABX	PTO 2ND, MINIMUM ENGINE SPEED	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM

PAINT		DESCRIPTION	
S	950AD0	PAINT DESIGN	SINGLE COLOR
S	924014	PAINT TYPE	SOLID PAINT
S	944AA7	PAINT COLOR - FIRST COLOR	MACK WHITE; P9188
S	945998	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	946998	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT
S	MPB944	CAB COLOR	SAME AS FIRST COLOR - CAB
S	MPD944	HOOD COLOR	SAME AS FIRST COLOR - HOOD
S	MPC998	SLEEPER ROOF COLOR	WITHOUT SLEEPER ROOF COLOR
S	MPA998	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING
S	951AA6	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE); P3036
S	958018	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR
S	959019	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT
S	962032	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR
S	963033	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR

BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION	
S	898003	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION
S	M50030	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)
	M8301T	EMISSION - SURCHARGE	EPA (only) for Mack MP7 / MP8 Diesel
S	M51021	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
S	M52022	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
	M54094	TRANSMISSION WARRANTY	36/350K MI: EATON TRANSMISSION STANDARD NORMAL AND HEAVY DUTY COVERAGE
S	M550G7	CARRIER & AXLE HOUSING WARRANTY	STANDARD MACK HEAVY DUTY COVERAGE 60 MONTHS / 500,000 (804,672 KM)
S	M56026	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
S	M57027	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
S	M58028	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)

Customer	FSA- LEE COUNTY BOCC PO BOX 2238 FORT MYERS 339022238 FL	Your ref.	MATT FLEMING
Customer no	4011912729	Quote no.	NEXT2023000308C117
Org No		Alternative Id	1
Telephone		Date	11/8/2023
Mobile phone		Order Date	
		Last Change	11/8/2023

Model

GRANITE 64BR				Qty	
CA Status	Included			1	
Order number					
Price List	2023-07-17				
Delivery Time					
Delivery Address					
Family	ID	S/O/C	Description		
APPLICATION PACKAGES					
CHASSIS CONFIGURATION PACKAGE	MPK-GB05	Option	ONEBOX EATS, RH BATTERY BOX, 11.8 GALLON (45L) DEF, SINGLE 22" LH FUEL TANK		
BODY BUILDER PACKAGE	MBP0000	Standard	WITHOUT BODY BUILDER PKG		
CUSTOMER/VEHICLE INFO					
CHASSIS (BASE MODEL)	0029617	Standard	GRANITE 64BR		
ASSEMBLY PLANT	FACT-US6	Standard	Made in Macungie, PA USA		
VEHICLE MODEL YEAR	A192025	Option	2025 MODEL YEAR		
CUSTOMER FLEET SIZE	MP20001	Option	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND		
TYPE OF SERVICE	0130001	Standard	COMMERCIAL		
WARRANTY REGISTRATION LOCATION	M981001	Standard	USA - WARRANTY REGISTRATION LOCATION		
EMISSION WARRANTY CERTIFICATION	MBT0400	Option	EPA (only) for Mack MP7 / MP8 Diesel		
INTENDED REGISTRATION LOCATION	M840009	Option	FLORIDA		
INITIAL REGISTRATION LOCATION	5051718	Standard	USA REGISTRATION		
BRAND ORNAMENT	BDOG-CH	Option	BULLDOG, CHROME		
LANGUAGE-PUBS/DECAL/SIGNS	5340001	Standard	ENGLISH		
ROAD CONDITION	RC-SMOOT	Standard	WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE		
VEHICLE USE & BODY/TRAILER TYPE	0059384	Option	ROLL-OFF TRUCK		

TRAILER TYPE	TRLR3	Option	FIXED DRAWBAR TRAILER AND CENTERED AXLES		
GROSS COMBINATION WEIGHT (CA in PC29 only)	GCW36.0	Option	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT		
BRAKE REGULATION	BREG94	Standard	BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)		
TOPOGRAPHY	T-FLAT	Option	GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%		
AMBIENT TEMP UPPER LIMIT	ATU40	Standard	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR		
OPERATING TERRAIN GRADE CONDITIONS	0320089	Standard	ON-OFF HIGHWAY, STARTING GRADES<18%		
LOADING SURFACE FACTOR	0330040	Option	HARD DIRT LOADING AND / OR UNLOADING SURFACE		
VEHICLE VOCATION	0340203	Option	REFUSE / NON LANDFILL OPERATION		
ENGINE/TRANSMISSIONS					
ENGINE / MOTOR	1001857	Option	MP7-425C MACK 425HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1550 LB-FT, US'21		
GHG APPLICATION, VEHICLE	GHG-VOC	Standard	GREEN HOUSE GAS VOCATIONAL APPLICATION		
TRANSMISSION	1362128	Option	FULLER FRO-16210C (12.69/0.74)		
GEARBOX 12TH GEAR LOCK-OUT	UGGLT	Standard	WITHOUT 12TH GEARBOX GEAR LOCK-OUT		
EXHAUST/EMISSIONS					
NOX LIMITS	NOXL-200	Option	CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance		
IDLE EMISSION LABEL LOCATION (CA in PC29 only)	IELL-DDO	Standard	IDLE EMISSION LABEL LOCATION, LOWER LH CORNER OF DRIVER DOOR		
DPF DIESEL PARTICULATE FILTER	DPF0111	Standard	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21		
CHASSIS MOUNTED EMISSIONS FINISH	MCF0003	Option	BRIGHT FINISH DEF COVER & PAINTED DPF COVER		
DIESEL EXHAUST FLUID TANK	DF11045	Option	11.8 GALLON (45 L) 22" LEFT SIDE FRAME MOUNTED		
DEF TANK VENTILATION FILTER	UADFLTR	Standard	WITHOUT DEF TANK VENTILATION FILTER		
EXHAUST	1305101	Option	SINGLE VERTICAL RIGHT SIDE CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END		
EXHAUST STACK HEIGHT	EXSTH29	Option	9' 6" FROM GROUND		
EXHAUST - BRIGHT FINISH	EXMF-BS1	Option	SINGLE, BRIGHT FINISH HEAT SHIELD, STACK		
EMISSION ON BOARD DIAG CONTROL	EOBD-U24	Option	EMISSION OBD, DISPLAY ONLY, USA2024		
ENGINE EQUIPMENT					
AIR CLEANER	1250402	Standard	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD		
BUG SCREEN	1219001	Standard	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER		
AIR COMPRESSOR/DRYER	1133423	Option	BENDIX HEATED AD9 AIR DRYER W/ WABCO 318 (18.7 CFM) AIR COMPRESSOR		
AIR DRYER POSITION (CA)	ADP-STD	Standard	AIR DRYER POSITION STANDARD		
ALTERNATOR	1321233	Option	DELCO 12V 165A (36SI) BRUSHLESS		
BATTERIES	3165104	Standard	(3) MACK 12V 760/2280 CCA THREADED STUD TYPE		
BATTERY BOX - MOUNTING (x)	3930072	Standard	RH RAIL BEHIND SCR		
BATTERY BOX COVER	BBOXC-AP	Option	POLISHED ALUMINUM		

EMERGENCY START CONNECTIONS	UESS	Standard	W/O EMERGENCY STARTING RECEPT.		
BATTERY DISCONNECT SWITCH	3180010	Option	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE		
STARTER MOTOR	12STR-S2	Standard	12 VOLT DELCO 39MT-MXT		
ENGINE BRAKE	1100700	Option	MACK MP7 POWERLEASH		
VEHICLE/TRAILER STOP LAMP APPLICATION (CA)	BRLI-BAS	Standard	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)		
FAN DRIVE	1180027	Standard	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE		
COOLANT PROTECTION	1192005	Standard	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG, W/ FILTER		
HOSES - RADIATOR/HEATER	1240003	Standard	MACK EPDM RADIATOR & HEATER HOSES		
FUEL-WATER SEPARATOR	2931014	Standard	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)		
RELOCATE FUEL FILTER (CA)	FPP-STD	Standard	STANDARD FUEL FILTER POSITION		
FUEL HEATER (CA)	UFUEQWH	Standard	W/O FUEL HEATER		
ENGINE HEATERS	MCA0004	Standard	120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)		
OIL SUMP	OILS-ST	Standard	OIL PAN		
OIL SYSTEM	UENGDRFL	Standard	W/O OIL CHANGE SYSTEM		
TETHER DEV PKG, CAPS & COVERS	UTDCC	Standard	WITHOUT TETHER DEVICE FOR CAPS & COVERS		
ALCOHOL EVAPORATOR (CA in PC29 only)	UAEVAP	Standard	W/O ALCOHOL EVAPORATOR		
EMERGENCY ENGINE STOP (CA)	UENGSTOP	Standard	WITHOUT ENGINE STOP, EMERGENCY		
CLUTCH/TRANS EQUIPMENT					
GEAR SHIFTER	4922010	Option	EATON/FULLER SHIFTER		
CLUTCH	1335603	Option	EATON ADVANTAGE SOLO 9-SPRING,2PLATE 15.5" CERAMIC 6 PADDLES, SELF ADJUST		
CLUTCH ACTUATION SYSTEM & PEDAL PAD	MCB0002	Option	MECHANICAL CLUTCH CABLE SYSTEM WITH OPEN GRATE PEDAL		
CLUTCH RELEASE HOSE	ULBLINE	Standard	W/O LUBRICATION FITTING		
ENGINE START CONDITION	UESC	Standard	W/O CLUTCH STARTING SWITCH		
MINIMUM REQUIRED PROP SHAFT SIZE	MRP0002	Option	MINIMUM REQUIRED FOR KAX PROP SHAFT, PROPS-M		
DRIVELINE - MAIN	1951103	Option	MERITOR RPL25HD W/PERMALUBE U-JOINTS (PROPS-L)		
DRIVELINE - INTERAXLE	2041101	Option	MERITOR RPL20 W/PERMALUBE		
DRIVESHAFT GUARD	UPSBG	Standard	WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING		
DRIVESHAFT MAIN U-JOINT	PSMUJ-HR	Option	UNIVERSAL JOINT HALF-ROUND TYPE		
DRIVESHAFT INTERAXLE U-JOINT	PSIUJ-HR	Standard	HALF-ROUND UNIVERSAL JOINT		
TRANSMISSION OUTPUT TORQUE	TTOR-B	Standard	TRANSMISSION OUTPUT TORQUE BASIC		
LUBRICANTS, TRANSMISSION	LUBET-SN	Option	SYNTHETIC OIL IN TRANSMISSION		
TRANSMISSION OIL COOLER	1390001	Option	TRANS OIL COOLER (INTEGRAL OIL PUMP)		
TRANSMISSION OIL MONITORING	UTOMRF	Standard	WITHOUT TRANSMISSION OIL MONITORING		
GRADE GRIPPER	UHILLST	Option	W/O GRADE GRIPPER		
FRONT AXLE EQUIPMENT					
FRONT AXLE	2401501	Option	20000# (9100 KG) MACK FXL20 STRAIGHT SPINDLE/UNITIZED BEARINGS		

TWIN STEER SPREAD	UFAS	Standard	WITHOUT TWIN STEER SPREAD		
FRONT AXLES FOR MULTI-STEER SPRINGS - FRONT	UVPA 2441011	Option	WITHOUT VEHICLE PREPARATION, ADDITIONAL FRONT AXLES MACK TAPERLEAF 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS		
BRAKES - FRONT	2411105	Standard	MERITOR "S" CAM TYPE 16.5" x 6" Q+		
BRAKE DRUMS - FRONT	BF-DRCAS	Standard	CAST IRON		
DUST SHIELDS - FRONT	FBRDUST	Option	DUST SHIELDS FOR FRONT AXLE		
SLACK ADJUSTERS - FRONT	FBADJ-AH	Standard	HALDEX - AUTOMATIC		
BRAKE CHAMBERS - FRONT	FBCM-MGM	Option	FRONT BRAKE CHAMBER MANUFACTURER, MGM FERROUS		
HUBS - FRONT	HUBF-BAS	Standard	FERROUS		
FRONT AXLE LUBRICANT	6150005	Standard	FRONT AXLE LUBE, FAG NLGI2 GREASE		
SHOCK ABSORBERS - FRONT	FSHABS	Standard	DOUBLE ACTING TYPE		
STEERING	2452211	Option	SHEPPARD M100P + M90 POWER		
REAR AXLE EQUIPMENT					
REAR AXLE	2681026	Option	46000# (20900kg) MACK S462R CAST DUCTILE IRON HOUSING W/O WIDE TRACK AXLE		
WIDE TRACK AXLE OPTION	RACWD-ST	Standard	W/O WIDE TRACK AXLE		
LUBE PUMP, REAR AXLE	URALUBEP	Standard	W/O LUBE PUMP AND FILTER		
DRIVE AXLE LUBRICANT	6170003	Standard	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL		
CARRIER - REAR AXLE	0180161	Standard	150/151 SERIES (Tandem Mack Rear Axles up to 150,000lb GCW)		
TRACTION DIFFERENTIAL	2540412	Option	INTERWHEEL DIFFERENTIAL LOCK, ALL REAR AXLES		
POWER DIVIDER LOCKOUT	DLS-BL	Standard	INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT		
REAR AXLE RATIO	RAT3.79	Option	3.79 RATIO		
REAR SUSPENSION	1861076	Option	SS46 MACK CAMELBACK MULTILEAF 46,000 lb, STANDARD DUTY		
BOGIE SPREAD, REAR	BSR1270	Standard	50" AXLE SPACING (BOGIE WHEELBASE)		
SUSPENSION LEVELING DEVICE	USUSPLEV	Standard	WITHOUT SUSPENSION LEVELLING DEVICE		
AIR SUSPENSION DUMP WARNING	UASD	Standard	WITHOUT AIR SUSPENSION DUMP WARNING		
SHOCK ABSORBERS - REAR	URSHABS	Standard	WITHOUT REAR SHOCK ABSORBER		
TRANSVERSE TORQUE RODS	TTR-RD	Standard	TRANSVERSE TORQUE ROD (REAR AXLE ONLY)		
AUX.SPRING BRAKE QTY	2370002	Standard	AUX SPRING BRAKE QTY, 4 CHAMBERS		
BRAKES - REAR	2531109	Option	MERITOR - CAM 16.5"x8.0" Q+		
BRAKE DRUMS - REAR	BR-DRCAS	Standard	CAST IRON		
SLACK ADJUSTERS - REAR	RBADJ-AH	Standard	HALDEX - AUTOMATIC		
DUST SHIELDS - REAR	UDBRDUST	Standard	OMIT REAR DUST SHIELDS		
BRAKE REAR BRAKE CHAMBER SIZE	RBCS3030	Option	REAR SPRING BRAKE CHAMBERS 30/30 TYPE		
BRAKE ORI REAR-MOST DRIVE AXLE	BORIEN2	Option	DRUM BRAKE CHAMBER ORIENTATION: High Mount - Rear of Axle - Chamber Down		
PARKING BRAKE CHAMBER	3009019	Option	MGM TR3030LP3THD BRAKE CHAMBERS		
HUBS - REAR	HUBD-PIS	Standard	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT		
ANTILOCK BRAKE SYSTEM	6980106	Standard	BENDIX WITH TRACTION CONTROL 4S4M		
AIR SYSTEM VALVE VENDOR	BRV-V4	Standard	BENDIX SWITCHES AND VALVES WHERE POSSIBLE		

TRACTION CONTROL DISABLE (CA in PC29 only)	UTCD	Option	W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH		
FRAME EQUIPMENT/FUEL TANKS					
WHEELBASE	2710253	Option	253"		
AF (OVERHANG)	3740063	Option	63"		
FRAME RAILS & LINERS	MCE0015	Option	11.1 x 105 x 300mm - (0.437" x 4.13" x 11.81"); RBM 3,160,000 LB-IN		
FRAME-RUST PREVENTATIVE	UTRUSTP	Standard	W/O RUST PREVENTATIVE OPTION		
BOLT ON FRONT FRAME EXTENSION	FFE155	Standard	6" BOLT ON FRAME EXTENSION		
FRONT FRAME LENGTH	FFL1285	Standard	STANDARD BUMPER POSITION		
CROSSMEMBERS	2811055	Standard	BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL		
FRAME RAIL CLEARANCE	UFRF	Standard	W/O FRAME RAIL CLEARANCE		
CROSSMEMBERS BEHIND REAR AXLE	UACMR	Standard	W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE		
REAR CROSSMEMBER OPTIONS	RXM-STR	Standard	STEEL CLOSING REAR CROSSMEMBER		
TAPERED FRAME RAIL ENDS	RF-STRAI	Standard	WITHOUT TAPERED FRAME RAIL ENDS		
MUD FLAP BRACKETS	URMUFLA	Standard	W/O REAR MUD FLAP HANGER BRKTS		
MUD FLAP, REAR AXLE	URMUDF	Standard	W/O REAR MUD FLAPS		
FRONT BUMPER	BUMP-SCE	Option	EXTENDED-SWEPT BACK-STEEL BRIGHT FINISH		
RADIATOR GUARD	GUARD-GB	Option	PLATE TYPE BRIGHT FINISH		
SKID PLATE	UGUARD	Standard	WITHOUT GUARD		
TRUNNION BRACKET	XMBBT-BA	Standard	BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT		
TOWING DEVICE, FRONT	TDF2HOOK	Standard	HOOKS		
PINTLE HOOK	UCOUPLIN	Standard	W/O PINTLE HOOK		
TOWING DEVICE,REAR	UTOWR	Standard	WITHOUT TOWING DEVICE, REAR		
TOOL BOX	UTOOLB	Standard	W/O TOOL BOX		
FUEL LEVEL SENDER UNIT, LIQUID	FLS-BASL	Standard	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK		
FUEL TANK - LH	2886088	Option	88 GALLON (335 L) 22" ALUMINUM D-SHAPE		
FUEL TANK - RH	2900000	Standard	W/O RH FUEL TANK		
FUEL TANKS - BRIGHT FINISH	UFTNKPOL	Standard	W/O BRIGHT FINISH FUEL TANKS		
FUEL LINE MATERIAL	FHOS-WBR	Standard	BRAIDED HOSE		
FUEL FILLER NECK OPTIONS	8520052	Standard	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP		
FUEL SYSTEM - DUAL	FLI-SING	Option	W/O FUEL LINE OPTION		
CAB ACCESS STEPS	CSTEP-BA	Standard	STANDARD 2 STEP CAB ACCESS		
STEPS (BRIGHT) - FUEL TANK	2230002	Standard	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS		
ISOLATE TANK FROM FUEL SYSTEM	UHYTP	Standard	W/O ISOLATED TANK(S)		
QUARTER FENDERS	4640000	Standard	W/O QUARTER FENDERS		
AIR/BRAKE					
AIR TANK DRAIN VALVE	DRVA-MC	Option	MANUAL DRAIN VALVES, WITH LANYARDS ON ALL TANKS		
AIR RESERVOIRS	ATANK-AL	Option	ALUMINUM AIR TANK PAINTED CHASSIS COLOR		
RELOCATE AIR RESERVOIRS	1411000	Option	UNDER BATTERY BOX, REMAINING BETWEEN FRAME RAILS		
INCREASE AIR CAPACITY	UAUXATNK	Standard	W/O INCREASED AIR RESERVOIR CAPACITY		

PARK BRAKE ALARM	UPARKAL	Standard	W/O PARK BRAKE ALARM		
PARKING BRAKE VALVE	PBV-YR	Option	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK		
ELECTRICAL					
PARKING BRAKE LIGHTING	UPBRLIGH	Standard	WITHOUT PARKING BRAKE LIGHTING		
BACK-UP ALARM	UBUPALAR	Standard	WITHOUT BACK-UP ALARM		
DASH MOUNTED SWITCHES	UAUXSW	Standard	W/O MISC ELECT SWITCHES OPTION		
FOG LAMPS	UFOGLAMP	Standard	WITHOUT FOG LAMPS		
ROOF & SIDE MARKER LIGHTS	3120122	Option	(5) GROTE CURVED W/ BEZEL ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL		
WARNING LAMP (CA family in PC29 only)	UWARNLIG	Standard	WITHOUT WARNING LIGHTS		
AUXILIARY LAMPS (CA in PC29 only)	UAUXL	Standard	W/O AUX LAMP PROVISIONS		
AUXILIARY SPOTLIGHT (CA)	UASL	Standard	W/O SPOTLIGHT		
HEADLAMP BULB TYPE	HLB-LED2	Standard	HEADLAMP BULB TYPE, LED, HEATED		
DAYTIME RUNNING LIGHTS	LOWB-D7S	Standard	W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED		
DRL OVERRIDE SPEED THRESHOLD	DRLOS08	Standard	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)		
TAIL LAMPS	TL-SER44	Option	LED TYPE TAIL LAMP MODULE MTD BELOW REAR CROSSMEMBER		
WORK LIGHTS - CHASSIS MOUNTED	UCHAWL	Standard	W/O WORK LIGHTS		
TRAILER CONNECTIONS					
FIFTH WHEEL ANGLE THICKNESS	U5WAT	Standard	WITHOUT 5TH WHEEL ANGLE THICKNESS		
HAND CONTROL VALVE	TRBRAK-D	Option	HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL FUNCTION		
TRAILER CONNECTIONS	TBCP-EOF	Option	TRAILER AIR BRAKE CONNECTIONS, END OF FRAME		
TRAILER ELECTRICAL RECEPT	3210002	Option	SINGLE 7 PINS STD SAE TYPE, END OF FRAME		
TRAILER HOOKUP LIGHT	3229017	Option	DUAL TRUCKLITE SUPER-44 LED 27 DIODE RECESSED IN BOC		
PTO					
TRANSMISSION MOUNTED PTO	1890000	Option	VENDOR TRANSMISSION WITHOUT TRANSMISSION MOUNTED PTO		
AMT/AUTOMATIC TRANS PTO FUNCT.	UAPF	Option	WITHOUT AMT/AUTOMATIC TRANSMISSION PTO FUNCTIONS		
HYDRAULIC PUMP	8260000	Standard	WITHOUT HYDRAULIC PUMP		
PTO - CONTROL	PTOTC1PK	Option	TRANSMISSION PTO SWITCH AND LIGHT WITH WIRING AND PIPING FOR LOCAL INSTALLATION		
FRONT ENGINE PTO	1830000	Standard	W/O FRONT ENGINE PTO DRIVE		
REAR ENGINE PTO	4160000	Standard	WITHOUT REAR ENGINE POWER TAKE OFF		
BODY BUILDER INTERFACE	B830025	Standard	BODY LINK III W/CAB PASS-THRU		
SPECIALTY EQUIPMENT					
FRAME MODIFICATIONS	0150000	Standard	NO FRAME MODIFICATIONS PROVIDED		
AUXILIARY TRANSMISSION (CA)	UAUXTRAN	Standard	WITHOUT AUXILIARY TRANSMISSION		
AUX TRANSMISSION COOLER (CA)	UATCOOL	Standard	W/O OIL COOLER AUX TRANS OPTION		
ON BOARD SCALES (CA)	OBS0000	Standard	W/O ON BOARD SCALES		
AIR UNLOAD SYSTEM	UBULKUA	Standard	WITHOUT AIR UNLOAD SYSTEM		

REAR AXLE BREATHERS	UBREF	Standard	WITHOUT BREATHER FILTER RELOCATION		
COLLISION WARNING SYSTEM - FRONT/SIDE (ACC)	5480000	Standard	W/O COLLISION WARNING SYSTEM		
ACC TIME GAP CONFIG SETTING	UACCTG	Standard	WITHOUT TIME GAP SETTINGS		
LANE SUPPORT SYSTEM (LSS)	MCQ0000	Standard	WITHOUT LANE SUPPORT SYSTEM		
ACC / LSS -- VOLUME LEVEL SETTINGS	MCT0000	Standard	WITHOUT ACC / LSS SYSTEMS		
ACC / LSS / BLIND SPOT -- AUDIO CONTROL TYPE	MCU0000	Standard	WITHOUT ACC, LSS, OR BLIND SPOT DETECTION SYSTEMS		
DATA CAPTURE	UDATAC	Standard	WITHOUT DATA CAPTURE		
SURVEILLANCE CAMERA OPTIONS (CA)	UCAMS	Standard	WITHOUT CAMERA		
UNIQUE DECALS MACHINE DIRECTIV (CA in PC29 only)	USIGNSWC	Standard	W/O SPECIAL DECALS		
CAB INTERIOR (A THRU G)					
SPEEDOMETER -&- GAUGES - UNIT(s) OF MEASURE	1980001	Standard	U.S. UNITS (PREDOMINANT)		
GAUGE - PACKAGE, SECONDARY	2GP-ETPA	Option	2ND GA PKG W/ENG OIL TEMP,TRANS OIL TEMP,PYRO,APP AIR PRESS		
GAUGE OIL TEMP-REAR AXLE	GOTRA	Option	REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)		
GAUGE - AMBIENT TEMPERATURE	UTEMPAMB	Standard	WITHOUT AMBIENT OR ROAD TEMPERATURE GAUGE		
AUX.INCAB PNEUMATIC LINE	APNOUTC	Option	AUX. INCAB PNEUMATIC LINE CLEANOUT		
AIR CONDITIONING/HEATER	1731002	Standard	BLEND AIR HVAC W/"ATC" TEMP REGULATION		
CUPHOLDER	CUPHOLD	Standard	CUPHOLDER		
DRIVER AUXILIARY FAN (CA family in PC29 only)	UCAFAN	Standard	W/O CAB FAN, AUX AIR CIRC OPTION		
DOME LAMP, INTERIOR	DL-BS2R	Standard	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED		
DASH INDICATOR - LAMP BODY OUT OF POS	DIL-BOOP	Standard	DASH MTD, INDICATOR BODY/HOIST UP "BODYBUILDER LAMP"		
FIRE EXTINGUISHER	7860000	Standard	W/O FIRE EXTINGUISHER		
CARBON MONOXIDE DETECTION SYS	UCOMDET	Standard	WITHOUT CARBON MONOXIDE DETECTION SYSTEM		
FLOOR COVERING	1840007	Standard	POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS		
CAB INTERIOR (H THRU R)					
INSTRUMENT CLUSTER LANGUAGE	C520007	Standard	DEFAULT: ENGLISH, SPANISH, FRENCH		
KEY TYPES FOR DOORS	KEY-BAS	Standard	ALL CHASSIS KEYED AT RANDOM		
KEYLESS ENTRY	DOP-MAN	Standard	W/O ELECTRONIC KEYLESS ENTRY		
OVERHEAD CONSOLE	FOHS2BAS	Standard	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS		
PERSONALIZED NAME PLATE	UPNPLATE	Standard	W/O PERSONALIZED OPTION		
RADIO/RADIO ACCOMMODATION	1746111	Standard	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH		
INFOTAINMENT SERVICES / FEATURES	MAS0000	Standard	WITHOUT INFOTAINMENT		
RADIO - ANTENNA	ANR-MR	Option	48" ANTENNA RIGHT SIDE MIRROR MOUNTED		
RADIO ANTENNA - CB	ANT-CBML	Option	48" ANTENNA LEFT SIDE MIRROR MOUNTED		
AUDIO SHUTOFF	AUDOFF	Standard	AUTO SHUTOFF FOR RADIO ENTERTAINMENT SYSTEM WHEN VEHICLE IS ENGAGED IN REVERSE		

RADIO - BINDING POSTS FOR CB	UPWL	Option	W/O POWER LEADS		
AUDIO SPEAKER LOCATION	SPK-IDM	Standard	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL		
RADIO - CB	CR-COB3	Option	CB RADIO, COBRA, COMPACT		
RADIO - CB RADIO MOUNTING	CBM-OPP	Option	CB MOUNTING, OVERHEAD COMP, MOUNT PLATE, PERMANENT		
REAR WALL STORAGE COMPARTMENT	RWSTC-FI	Standard	STORAGE POUCH REAR		
REFLECTOR KIT	7840000	Standard	W/O REFLECTOR KIT OPTION		
CAB INTERIOR (S THRU Z)					
INTERIOR TRIM LEVELS	0041110	Standard	COMFORT TRIM PACKAGE, STEEL GRAY (Package 11A)		
SEAT - DRIVER'S	1963140	Option	MACK-AIR, HIGH BACK, 4 CHAMBER AIR LUMBAR, BOLSTER, EXTENSION		
SEAT COVERING - DRIVER'S	MAP2004	Option	DRIVER'S SEAT - STEEL GREY VINYL / CLOTH MIX		
SEAT - PASSENGER'S	1973000	Standard	MACK-FIXED, HIGH BACK		
SEAT COVERING - PASSENGER'S	MAQ1004	Standard	PASSENGER'S SEAT - STEEL GREY VINYL		
SEAT - DUST COVER(S)	SSDC-DS	Option	SEAT, DUST COVER FOR DRIVER'S SEAT		
SEAT ARM REST(S)	ARMRE-DS	Option	INBOARD MOUNTED ARM REST, DRIVER'S SEAT ONLY		
SEAT BELT(S)	5929008	Option	LAP & SHOULDER HEIGHT ADJUSTMENT D-RING SEATBELT RH/LH ORANGE IN COLOR		
SEAT BELT WARNING INDICATOR	SEATBRIA	Standard	SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO		
STARTER SWITCH	IGT-KEY	Standard	KEY TYPE		
STEERING WHEEL	1610020	Standard	2 SPOKE URETHANE GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES		
WINDSHIELD TYPE	WIND-SP	Standard	TWO PIECE WINDSHIELD		
CAB GLASS	1450001	Standard	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)		
WINDSHIELD WASHER	WREP-BAS	Standard	W/O WINDSHIELD WASHER OPTION		
WINDSHIELD WIPERS	1480011	Standard	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE		
CAB EXTERIOR					
PERMIT PLATE	UPERP	Standard	W/O PERMIT PLATE OPTION		
HOOD LATCH TYPE & FINISH	MCY0002	Standard	STRAP TYPE HOOD LATCH WITH BLACK FINISH		
EXTERIOR TRIM FINISH AND PACKAGES	MCG0003	Standard	GRANITE BRIGHT AIR INTAKE		
GRILLE	4000026	Option	BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED		
HOOD INSULATION	ENGCI-HO	Standard	HOOD INSULATION		
PASSENGER SIDE VISIBILITY OPTIONS	MCD0021	Option	AUXILIARY WINDOW IN RH DOOR WITH SIDE CLOSE VIEW MIRROR		
GRAB HANDLES	5870102	Option	BF EXTERIOR CAB GRAB HANDLES, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST		
HOOD HATCH	UHHATCH	Standard	WITHOUT HOOD HATCH		
HORN - AIR	1540002	Option	(2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)		
HORN - ELECTRICAL	HORN-E2D	Standard	DUAL TONE		
MIRRORS - EXTERIOR	1529045	Option	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED AND ILLUMINATED W/INTEGRAL CONVEX MIRROR		

MIRRORS - CONVEX TYPE CAB DOORS	1530000	Option	OMIT CONVEX MIRRORS
MIRROR - CONVEX HOOD & FENDER	15H2003	Option	8" ROUND BF FENDER MTD W/SS BRACKETS & ADJ. ARMS R.H. & L.H. (Same as 15H2001)
SUN VISOR - EXTERIOR	1570001	Option	SUN VISOR, EXTERIOR, FIBERGLASS (PAINTED)
AERODYNAMIC DEVICES			
CAB AERODYNAMIC PACKAGES	1590000	Standard	WITHOUT CAB AERODYNAMIC DEVICES
FRONT CHASSIS AERODYNAMIC PACKAGE	MCM0000	Standard	WITHOUT FRONT AERODYNAMIC FAIRINGS
WHEELS & TIRES			
TIRES BRAND/TYPE - FRONT	9001414	Option	425/65R22.5 L BRIDGESTONE M870 (22800 lbs)
WHEELS - FRONT	5312740	Option	22.5x12.25 MAXION 222204x WHITE POWDER COATED STEEL, 5.28" OFFSET, 5 HAND HOLE
TIRES BRAND/TYPE - REAR	9011426	Option	11R22.5 G BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY)
WHEELS - REAR	3461520	Option	22.5x8.25 ACCURIDE ACCU-LITE 51487x WHITE POWDER COAT STEEL, 6.60" OFFSET, 5 HAND HOLE
VALVE STEMS & CAPS	VALVESTD	Standard	STANDARD VALVE STEMS AND CAPS
SPARE WHEEL	USPWT	Standard	W/O SPARE WHEEL, W/O SPARE TIRE
FRONT HUB/WHEEL TRIM	MCH0000	Standard	WITHOUT FRONT HUB/WHEEL TRIM
REAR HUB/WHEEL TRIM	MCI0000	Standard	WITHOUT REAR HUB/WHEEL TRIM
WHEEL GUARDS - FRONT	UHWIF	Standard	W/O FRONT WHEEL GUARD OPTION
WHEEL GUARDS - REAR	UHWID	Standard	W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
WHEEL NUT & FINISH - FRONT (CA)	WNFF-BAS	Standard	WHEEL NUT BASIC FINISH, FRONT
WHEEL NUT & FINISH - REAR (CA)	WNFR-BAS	Standard	WHEEL NUT BASIC FINISH, REAR
HYDRAULIC JACK	2820000	Standard	W/O HYDRAULIC JACK
WRENCH, WHEEL	UWRENCH	Standard	WITHOUT WHEEL (LUG) WRENCH
COMMUNICATION SYSTEMS			
CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	DFA-LIM	Standard	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1
FLEET TRIP MANAGEMENT	UFTMAN	Standard	WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL
COMMUNICATION/TRACKING DEVICE	6210000	Standard	W/O NAVIGATION/COMM DEVICE
TELEMATIC GATEWAY	M300004	Standard	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
SOFTWARE DOWNLOAD PASSWORD	USWPASS	Standard	WITHOUT SOFTWARE DOWNLOAD PASSWORD
ENGINE ELECTRONICS			
ENGINE FUEL ECONOMY SETTINGS -- SOFTWARE PACKAGES	MAT0000	Standard	WITHOUT ENGINE SOFTWARE SETTINGS
SHUTDOWN-ENG.OIL PRESSURE	OPRESHUT	Standard	OIL PRESSURE, ENGINE SHUTDOWN
SHUTDOWN-ENG.COOLANT LVL.	UCLEVSHU	Standard	WITHOUT COOLANT LEVEL ENGINE SHUTDOWN
SHUTDOWN-ENG.COOLANT TEMP	CTEMSHUT	Standard	COOLANT TEMP, ENGINE SHUTDOWN
ENG/OIL TEMP SHUTDOWN	ENGPROT	Standard	ENGINE PROTECTION (SHUTDOWN)
FAN ENGAGEMENT TIME-MOVING	UFANCMT	Standard	WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING

FAN ENGAGEMENT TIME-A/C	UFACT	Standard	WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING		
LOW IDLE ENGINE RPM	IDLE600	Standard	IDLE CONTROL, 600 RPM		
LOW IDLE RPM ADJUSTMENT	ULOWIADJ	Standard	WITHOUT LOW IDLE RPM ADJUSTMENT		
SMART ENG.IDLE	UENID	Standard	WITHOUT ENGINE IDLE ADJUST		
IDLE RPM UP W/LOW VOLTAGE	IBC010	Standard	INCREASE 10 MINUTE MAXIMUM TIME		
IDLE S/D ABS TAMPER CHECK	ISDTC-E	Standard	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED		
ENGINE IDLE COOLDOWN	UEIDLEC	Standard	ENGINE IDLE COOLDOWN, DISABLE		
IDLE SHUTDOWN	EIDLES	Option	ENGINE IDLE SHUTDOWN, ENABLE		
ENGINE IDLE SHUTDOWN TIME	ISD10	Option	IDLE SHUTDOWN TIME 10 MIN.		
IDLE S/D WARNING TIME	ISDW30	Standard	30 SEC IDLE S/D WARNING TIME		
IDLE S/D IF WARM-UP TEMP	WTEND38	Standard	38C DEG (100F), WARM UP TEMP DELAY		
IDLE S/D WARM-UP TIMER	WTIMD005	Standard	5 MIN. WARM UP TIME DELAY		
IDLE S/D IF EHT ACTIVE	UISDEHT	Standard	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE		
IDLE S/D IF PTO ACTIVE	ISDPTO	Standard	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE		
IDLE SHUTDOWN IF POWER > LIMIT	ISDOVTO	Standard	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT		
IDLE S/D OVERRIDE %ENGINE LOAD	ISDOT20	Standard	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD		
IDLE SHUTDOWN CONTROL	UISSC	Standard	WITHOUT IDLE SHUTDOWN CONTROL		
AMBIENT TEMP MIN TRESHOLD	ATMINT16	Standard	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)		
AMBIENT TEMP MAX TRESHOLD	ATMAXT27	Standard	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)		
EHT, MAX ROAD SPEED	EHTR16	Standard	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)		
EHT, MAX ENG SPEED	EHTX2100	Option	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM		
EHT, MIN ENG SPEED	EHTM700	Standard	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM		
EHT, SPEED RAMP RATE	EHTRR100	Standard	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC		
EHT, SGL SPEED CNTRL	UEHTSSC	Standard	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL		
EHT, SINGLE SPEED SET	UEHTSS	Standard	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING		
EHT, JUMP TO MIN ENG SPEED	UEHTJMIS	Standard	WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED		
EHT HOLD TO NEAREST RPM	UEHTH	Standard	WITHOUT ELECTRONIC HAND THROTTLE HOLD		
EHT ACCEL BUMP-UP RPM	UETHU	Standard	WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"		
EHT DECEL BUMP-DOWN RPM	UEHTD	Standard	WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"		
TRANSMISSION ELECTRONICS					
TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	M050000	Option	W/O TRANSMISSION SHIFT SETTINGS		
mDRIVE MACKCELLERATOR	UTKDM	Option	MACKCELLERATOR DISABLE		
SHUTDOWN-TRANS. TEMP.	TRAPROT	Option	TRANS. PROTECTION, ENGINE SHUT DOWN (HIGH TEMP.)		
TRANSMISSION ELECTRONICS PACKAGE	7790000	Standard	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)		
TRANSM AUTO NEUTRAL ON P-BRAKE	UTANP	Option	NO PARK BRAKE AUTO NEUTRAL FEATURES – Manual Transmissions ONLY		

TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	MAV0000	Standard	W/O ALLISON FUELSENSE 2.0 PROGRAMMING		
VEHICLE ELECTRONICS					
ROAD SPEED LIMIT (RSL)	SPEED105	Standard	105 KM/H ROAD SPEED LIMITER (65MPH)		
PEDAL SPEED LIMITER	PRSL105	Option	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)		
CRUISE CONTROL	CRUISEC	Standard	CRUISE CONTROL		
CRUISE CONTROL, MAX SPEED	CCM105	Standard	MAX CRUISE, 105 KPH (65 MPH)		
CRUISE CONTROL MIN SPEED	CCMI32	Standard	MIN CRUISE, 32 KPH (20 MPH)		
CRUISE RESUME WITH CLUTCH	CRUISRC	Standard	CRUISE RESUME WITH CLUTCH		
ENG BRAKE ENGAGE IN CRUISE	EBREC3A	Standard	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED		
LOWER GEAR RD.SPD.LMT.OPT	ULGVLF	Standard	WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE		
LOW GEAR LIMITING SPEED	UGVLS	Standard	WITHOUT LOW GEAR VEHICLE LIMITING SPEED		
ROAD SPEED LIMIT CONTROL TYPE	URSL	Standard	WITHOUT RSL CONTROL TYPE		
PDLO ENGAGED VLS	PDLO8	Standard	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)		
DIFF LOCK SPEED LIMIT	DFLKL24	Option	DIFFERENTIAL LOCK ROAD SPEED LIMIT 24KMH (15MPH)		
MAXIMUM ENG SPEED AT 0 MPH	UMESZ	Option	WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH		
SPEED SENSOR TAMPERING DETECTION	DSST-E	Standard	DETECTION OF SPEED SENSOR TAMPERING, ENABLE		
PWR.LIMIT LVL.-MPH SENSOR	ETOL50ST	Standard	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED		
VEHICLE ACCELERATION LIMITING	ACCLF-D	Standard	ACCELERATION LIMITING FEATURE, DISABLED		
1ST RATIO FOR REDUCED HIGH IDLE	U1RHI	Standard	WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE		
LAST RATIO FOR FULL HIGH IDLE	ULFHI	Standard	WITHOUT LAST RATIO FOR FULL HIGH IDLE		
DRIVER ID FUNCTION	DIDF-DIS	Standard	DRIVER ID FUNCTION, DISABLED		
DRIVER ID, RESET TIMER	UDIDRT	Standard	WITHOUT RESET DRIVER ID TIMER		
DRIVER ID, ALERT TIMER	UDIDAT	Standard	WITHOUT DRIVER ID ALERT TIMER		
BODY CONTROL PACKAGE (CA)	C7C-Z1X	Standard	WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS		
DRIVER PERFORMANCE & BONUS PARAMETERS	UDRP	Standard	WITHOUT DRIVER PERFORMANCE PARAMETERS		
PERFORMANCE BONUS CALCULATION DISTANCE INTERVAL	UFECD	Standard	WITHOUT PERFORMANCE BONUS CALCULATION DISTANCE INTERVAL		
PERFORMANCE REWARD (SPEED LIMIT INCREASE)	UFERSLI	Standard	WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE		
DATAMAX ENGINE OVERSPEED-COMPANY	EOSA2200	Standard	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM		
DATAMAX ENGINE OVERSPEED-FUEL	EOSF2100	Standard	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM		
DATAMAX VEHICLE OVERSPEED-ALL	VOSAC75	Standard	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)		
DATAMAX VEHICLE OVERSPEED-FUEL	VOSF70	Standard	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)		
DATAMAX IDLE LOG DELAY	EIDL02	Standard	ENGINE IDLE DELAY TO START LOG, 2 MIN		
PERIODIC TRIP LOG HOUR OF DAY	UPTLOGH	Standard	WITHOUT PERIODIC TRIP LOG, HOUR		
PERIODIC TRIP LOG DAY OF WEEK	UPTLOD	Standard	WITHOUT PERIODIC TRIP LOG, DAY OF WEEK		

PERIODIC TRIP LOG DAY OF MONTH	PTL0M01	Standard	PERIODIC TRIP LOG, DAY 1 OF THE MONTH		
GUARDDOG MAINT. MONITORING	USAS	Standard	WITHOUT SERVICE ALERT SYSTEM		
PTO ELECTRONICS					
FAN ENGAGEMENT DUE TO PTO	UFANEPTO	Standard	WITHOUT FAN ENGAGEMENT DUE TO PTO		
TRANS PTO1 SPLITTER RANGE	UPTO1SR	Option	W/O PTO1 FOR SPLITTER RANGE		
TRANS PTO2 SPLITTER RANGE	UPTO2SR	Option	W/O PTO2 SPLITTER RANGE		
PTO 1ST, SINGLE SPEED CONTROL	UPTO1SSC	Standard	WITHOUT PTO 1ST, SINGLE SPEED CONTROL		
PTO1 SINGLE SPEED CONTROL RPM.	1PSS1000	Standard	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM		
PTO 1ST, MAX ROAD SPEED	1PMXS10	Standard	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)		
PTO 1ST, SPEED RAMP RATE	1PRR100	Standard	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC		
PTO 1ST, MAX ENGINE SPEED	1PMX1600	Option	PTO 1ST, MAX ENGINE SPEED, 1600 RPM		
PTO 1ST, ROAD SPEED LIMIT	1PRS97	Standard	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)		
PTO 1ST,JUMP TO MIN ENG SPEED	U1PJMIS	Standard	WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED		
PTO 1ST, MINIMUM ENGINE SPEED	1PMI600	Standard	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM		
PTO 1ST,AUTO SET SINGLE SPEED	U1PTOASP	Standard	PTO 1ST, AUTO SET SINGLE SPEED, DISABLE		
PTO1 HOLD TO NEAREST RPM	UPTO1H	Standard	WITHOUT PTO1 HOLD		
PTO1 ACCEL BUMP-UP RPM	UPTO1U	Standard	WITHOUT PTO1 ACCEL "BUMP-UP"		
PTO1 DECEL BUMP-DOWN RPM	UPTO1D	Standard	WITHOUT PTO1 DECEL "BUMP-DOWN"		
PTO 2ND, SINGLE SPEED CONTROL	UPTO2SSC	Standard	WITHOUT 2ND PTO, SINGLE SPEED CONTROL		
PTO 2ND, SINGLE SPEED SETTING	2PSS1000	Standard	PTO 2ND, SINGLE SPEED SETTING, 1000 RPM		
PTO 2ND, MAX ROAD SPEED	2PMXS10	Standard	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)		
PTO 2ND, SPEED RAMP RATE	2PRR100	Standard	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC		
PTO 2ND, MAX ENGINE SPEED	2PMX2100	Standard	PTO 2ND, MAX ENGINE SPEED, 2100 RPM		
PTO 2ND, ROAD SPEED LIMIT	2PRS97	Standard	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)		
PTO 2ND,JUMP TO MIN ENG SPEED	U2PJMIS	Standard	WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED		
PTO 2ND, MINIMUM ENGINE SPEED	2PMI600	Standard	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM		
PTO 2ND,AUTO SET SINGLE SPEED	U2PTOASP	Standard	PTO 2ND, AUTO SET SINGLE SPEED, DISABLE		
PTO2 HOLD TO NEAREST RPM	UPTO2H	Standard	WITHOUT PTO2 HOLD		
PTO2 ACCEL BUMP-UP RPM	UPTO2U	Standard	WITHOUT PTO2 ACCEL "BUMP-UP"		
PTO2 DECEL BUMP-DOWN RPM	UPTO2D	Standard	WITHOUT PTO2 DECEL "BUMP-DOWN"		
PAINT					
PAINT DESIGN	9503100	Standard	SINGLE COLOR		
PAINT TYPE	9240001	Standard	SOLID PAINT		
PAINT COLOR - FIRST COLOR	9442007	Standard	MACK WHITE; P9188		
PAINT COLOR - SECOND COLOR	9451000	Standard	NO SECOND TRUCK COLOR PROVIDED; NO COLOR		

PAINT COLOR - THIRD COLOR	9461000	Standard	NO THIRD TRUCK COLOR PROVIDED; NO COLOR
PAINT - CAB PAINT SYSTEM	9960002	Standard	PAINT - CAB, URETHANE CLEAR COAT
CAB COLOR	MPB0944	Standard	SAME AS FIRST COLOR - CAB
HOOD COLOR	MPD0944	Standard	SAME AS FIRST COLOR - HOOD
CHASSIS FAIRING COLOR	9430000	Standard	WITHOUT CHASSIS FAIRINGS
SUN VISOR COLOR	9661944	Option	SAME AS FIRST COLOR - SUN VISOR
MIRROR COVER COLOR	9400000	Standard	WITHOUT MIRROR COVER PAINT
SLEEPER ROOF COLOR	MPC0000	Standard	WITHOUT SLEEPER ROOF COLOR
ROOF FAIRING COLOR	MPA0000	Standard	WITHOUT ROOF FAIRING
CHASSIS RUNNING GEAR	9512006	Standard	MACK BLACK (URETHANE); P3036
BUMPER	9580000	Option	W/O OPTIONAL BUMPER PAINT
FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	9590000	Standard	W/O OPTIONAL FUEL TANK PAINT
HUBS & DRUMS-FRONT	9629902	Standard	SAME AS CHASSIS RUNNING GEAR
HUBS & DRUMS-REAR	9639902	Standard	SAME AS CHASSIS RUNNING GEAR
CALCULATED CODES - KAX			
PROPCALC SELECTION	PROPCALC	Standard	YES, THE ORDER MUST BE CALCULATED
AUTO ROUTING & CLIPPING, CENTER	UARC	Standard	WITHOUT AUTO ROUTING & CLIPPING PLACEMENT, CENTER
BASE WARRANTY & PURCHASED COVERAGES			
VEHICLE WARRANTY TYPE	8980003	Standard	HEAVY DUTY WARRANTY CLASSIFICATION
BASIC CHASSIS COVERAGE	M501002	Standard	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)
EMISSION - SURCHARGE	M830400	Option	EPA (only) for Mack MP7 / MP8 Diesel
ENGINE WARRANTY	M511001	Standard	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
EMISSION COMPONENT COVERAGE	M521001	Standard	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
ENGINE AFTERTREATMENT SYSTEM	M530000	Standard	W/O MACK ENGINE AFTERTREATMENT PROTECTION PLAN
TRANSMISSION WARRANTY	M541008	Option	36/350K MI: EATON TRANSMISSION STANDARD NORMAL AND HEAVY DUTY COVERAGE
mDRIVE CLUTCH PROTECTION PLAN	M710000	Standard	WITHOUT mDRIVE CLUTCH PROTECTION PLAN
CARRIER & AXLE HOUSING WARRANTY	M551014	Standard	STANDARD MACK HEAVY DUTY COVERAGE 60 MONTHS / 500,000 (804,672 KM)
AIR CONDITIONING WARRANTY	M561000	Standard	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
CHASSIS TOWING WARRANTY	M571000	Standard	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
ENGINE TOWING WARRANTY	M581000	Standard	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)
ALTERNATOR & STARTER WARRANTY	M610000	Standard	W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE
STARTER WARRANTY	M590000	Standard	W/O STARTER PURCHASED COVERAGE
ALTERNATOR WARRANTY	M600000	Standard	W/O ALTERNATOR PURCHASED COVERAGE

GUARDDOG CONNECT BUNDLE	M692005	Standard	NO GUARDDOG CONNECT (ASIST & MACK ONECALL)		
SERVICE AGREEMENTS	M650000	Standard	W/O SERVICE AGREEMENT		
CUSTOM/BUNDLED PURCHASE COVERAGE OPTIONS	M990000	Standard	W/O CUSTOM/BUNDLED PURCHASE COVERAGE OPTION		
SERVICES					
MACK ONECALL AND ASIST	S02M010	Standard	NO MACK ONECALL BUNDLE		
MACK INTEGRATED UPTIME	S03M011	Standard	MACK INTEGRATED UPTIME - 24 MONTHS		
FLEET INTEGRATION	S05M010	Standard	WITHOUT FLEET INTEGRATION		
PARTNERED SERVICES	S06M400	Standard	NO PARTNERED SERVICES PROVIDED		
			Total(\$)		

Customer Adaptation

Included

ID	Description	List Price	Net Price
Total(\$)			

GrossTotal(\$)		
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Sales Calc Summary

Customer	FSA- LEE COUNTY BOCC PO BOX 2238 FORT MYERS 339022238	Your ref.	MATT FLEMING
Customer no	FL 4011912729	Quote no.	NEXT2023000308C117
Org No		Alternative Id	1
		Date	11/8/2023
		Order Date	

Calculation Summary

	Qty	List Price	Net Price	GP	%	Sales Price
GRANITE 64BR						Price List 7/17/2023
Vehicle Total	1					
Model						
Options						
Soft Offers And Warranty						
<i>TRANSMISSION WARRANTY</i>						
<i>EMISSION - SURCHARGE</i>						
Customer Adaptation			Included			
<i>XM = 8740 MM, REAR AXLE POS.</i>						
Market Extras						
<i>25A Freight(28)</i>						
Sales Support	2641867	Accepted				
<i>25A Mixer and Roll-off Program</i>						
<i>Discount</i>						
<i>25A Rapid Quote-Granite (Cust)</i>						
Total Sum of Sales (Excl. Tax)						
Total Price (Excl. Tax) (\$)						



Buyer's Order

Nextran Truck Centers - Tampa
 7810 Adamo Drive
 Tampa, FL 33619
 (813) 626-7141 or (800) 932-6225 Fax (813) 622-7297

Salesperson: Matt Fleming

Date: 1/17/2024

CUSTOMER INFORMATION

Name: **FSA-Lee County BOCC**
 Address: 10550 Buckingham Rd. Phone: (239) 533-8929
 City: Fort Myers State: FL Zip Code: 33905 County: -

TRUCK INFORMATION

Body Details

Quantity	Year	Make	Model	VIN #	Year	Make	Model	SERIAL #
1	2025	Mack	PI64T	TBD	-	-	-	-
			2nd VIN	-	-	-	-	-
			3rd VIN	-			2nd Serial #	-
			4th VIN	-			3rd Serial #	-
			5th VIN	-			4th Serial #	-
			**See Addendum for Additional VIN #				5th Serial #	-

IN ACCORDANCE WITH FLORIDA SHERIFFS STATE BID NO. FSA 23-VEH21.0

SPECIFICATION # 55, Mack, AN or G Series

FSA TRUCK SPECIFICATION

Price below reflects per unit

	ALL TRUCKS	Locals and Comments
Total Selling Price	\$ 165,733.00	-
Extended Warranty	\$ -	Total price for 6 units \$993,115.32
APU	\$ -	-
Premium Maint. Plan	\$ -	-
Subtotal	\$ 165,733.00	-
Disposal/Temp Tags	\$ -	-
Tire Tax Credit	\$ (213.78)	-
Tag and Title	\$ -	-
Miscellaneous	\$ -	-
County Surtax	\$ -	-
Total before Down Pmt	\$ 165,519.22	-
Down Payment	\$ -	-
Total Price ALL	\$ 165,519.22	-

I have read and understand the above. It is intended by my signature hereon that this be a binding, enforceable sales agreement.
 I further understand that the terms and conditions that follow are a true and integral part of this agreement.

Purchaser's Signature

Date 1/17/24

Accepted by Nextran Truck Centers

Date

This agreement shall not be binding on Nextran Truck Centers until accepted by the General Manager.

TERMS AND CONDITIONS

1. **Acceptance.** The purchaser identified on the first page hereof ("Purchaser") and Nextran Corporation, a Florida corporation d/b/a Nextran Truck Centers ("Dealer") hereby agree that these Terms and Conditions are incorporated into, and constitute an integral part of, the Sales Agreement governing Purchaser's purchase of motor vehicles from Dealer as more particularly described on the first page hereof.

2. **Purchaser's Payment of Charges.** Purchaser shall pay all charges arising out of or associated with this Agreement, whether correctly stated on page one of this Sales Agreement or otherwise, including without limitation all tag, license, tire, battery and lien fees, and all federal, state and local taxes. Purchaser shall pay all amounts required to pay off and satisfy in full all liens on Purchaser's trade-in vehicle(s), as may be required by any such lien holder, regardless of whether the lien holder has quoted the wrong amount, the payoff amount has changed since the date of any such quote, or Purchaser has failed to disclose all lien holders on such vehicle(s). If Purchaser chooses to pay any portion of the purchase price by using a bank or credit card, Purchaser shall pay all charges associated with the use of such card imposed on Dealer and shall promptly reimburse Dealer upon demand for any such costs arising after the consummation of any sale.

3. **Deposit.** Upon the execution of this Sales Agreement, Purchaser shall pay to Dealer a non-refundable deposit in the amount set forth on the first page of this Sales Agreement. If Dealer fails to deliver the motor vehicle(s) as contemplated herein, Purchaser's sole remedy against Dealer shall be a return of the deposit as liquidated damages in full settlement of any and all claims relating to this Sales Agreement, and Purchaser hereby waives any claims to the contrary. If Purchaser fails to pay the balance of the Selling Price, fails to take delivery of the motor vehicle for any reason or otherwise breaches its obligations under this Sales Agreement, Dealer shall be entitled to retain the entire deposit as liquidated damages in full settlement of any and all related claims. Purchaser and Dealer acknowledge that their actual damages arising out of any breach of this Sales Agreement would be difficult or impossible to calculate with specificity and that the foregoing treatment of the deposit constitutes mutually bargained liquidated damages and not a penalty.

4. **Commercially Reasonable Efforts.** Dealer shall use all commercially reasonable efforts to make prompt delivery of the motor vehicle(s) contemplated hereby. However, Purchaser acknowledges and agrees that time is not of the essence with respect to the transactions contemplated in this Sales Agreement.

5. **Warranties.** DEALER MAKES NO REPRESENTATIONS OR WARRANTIES OTHER THAN THE MANUFACTURER'S WARRANTY ON NEW MOTOR VEHICLES. ALL USED MOTOR VEHICLES ARE SOLD BY PURCHASER "AS IS, WITHOUT WARRANTY," EITHER EXPRESS OR IMPLIED. DEALER SPECIFICALLY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE OF THE MOTOR VEHICLE(S) SOLD UNDER THIS SALES AGREEMENT, ALL OF WHICH PURCHASER HEREBY WAIVES TO THE FULLEST EXTENT PERMITTED BY LAW. Purchaser acknowledges that no person is authorized to make any representations or warranties to the contrary, whether oral or written. _____ (Initials of Purchaser)

6. **Limitation of Liability; Waiver of Claims.** Purchaser shall have the right to fully inspect the motor vehicles sold under this Sales Agreement at the time of delivery. Dealer shall not be liable for, and Purchaser's acceptance of such motor vehicle constitutes Purchaser's waiver of, any and all claims, causes of action, losses and damages arising out of Dealer's sale of the motor vehicle to Purchaser, including without limitation any and all actual, incidental or consequential damages arising out of: a) loss, damage or delays for any reason; b) failure to supply any property ordered hereunder; c) loss of use, loss of time, lost profits or income; d) changes in design, materials or specifications; e) modifications to the motor vehicle performed by others; and f) defects in design, materials or workmanship, in each case with respect to the motor vehicles purchased by Purchaser pursuant to this Sales Agreement.

Purchaser shall indemnify, defend and hold Dealer and its affiliated companies and their officers, agents, and employees harmless from and against all loss, liability and expense, including reasonable attorneys' fees, by reason of bodily injury including death, and property damage, sustained by any persons including but not limited to the officers, agents and employees of Purchaser, as a result of the maintenance, use, operation, servicing, transportation, defect in or failure of such motor vehicles, whether such bodily injury, death or property damage is due or claimed to be due in whole or in part, to any neglect, default, defect, fault, failure, act or omission, by or on behalf of Dealer, its officers, agents and employees or any other person, including but not limited to any claims of strict liability in tort, breach of warranty, and/or negligence. Purchaser acknowledges that this waiver constitutes a material inducement for Dealer to consummate the transactions contemplated in this Sales Agreement and is subject to no exceptions.

7. **Modifications by Others.** Purchaser acknowledges that any requested modifications to the motor vehicles subject to this Sales Agreement to be performed by others are Purchaser's sole responsibility, and Purchaser shall pay Dealer for the cost of such modifications, regardless of whether Purchaser takes delivery of the vehicle. Dealer is not liable for any defects in design, materials or workmanship, or any errors or omissions by such third parties.

8. **Trade-in Allowance.** The trade-in allowance set forth on page one of this Sales Agreement is based upon an appraisal by Dealer of the trade-in described herein in its present mechanical condition and with the equipment and attachments described on Dealer's appraisal sheet. Such trade-in shall be subject to reappraisal at the time of delivery of the motor vehicle to be sold hereunder. Purchaser shall be liable for any differences in the trade-in allowance due to changes in mechanical condition, equipment or attachments.

9. **Entire Agreement.** This Sales Agreement constitutes the complete and exclusive statement of the terms of the agreement between Purchaser and Dealer concerning the subject matter hereof and supersedes all prior agreements, understandings, negotiations and discussions of the parties, whether written or oral. No modification, course of conduct, amendment, supplement to or waiver of this Sales Agreement shall be binding unless made in writing and signed by both Purchaser and Dealer.

10. **Assignment.** This Sales Agreement may not be assigned by Purchaser without Dealer's prior written consent, and any attempted assignment by Purchaser shall be null and void. Subject to the foregoing, this Sales Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, successors, permitted assigns and legal representatives. There are no third party beneficiaries of this Sales Agreement.

11. **Governing Law; Consent to Jurisdiction; Waiver of Right to Trial by Jury.** This Sales Agreement and the rights and obligations of the parties hereunder shall be governed by, and construed and interpreted in accordance with, the laws of the State of Florida, without giving effect to the conflict of laws principles thereof. Venue for any litigation, legal action or other proceedings arising out of or relating to this Sales Agreement shall lie solely in the courts of the State of Florida located in Dade County, Florida. Purchaser and Dealer (a) agree that such courts shall have exclusive jurisdiction over any matters arising out of or related to this Sales Agreement and (b) hereby waive any and all claims to the effect that any of such courts constitutes an inconvenient forum. The parties hereby irrevocably and unconditionally waive any right they may have to a trial by jury in any suit, action, proceeding, or counterclaim arising out of or relating to this SALES Agreement.

12. **Miscellaneous.** Risk of loss shall pass to the Purchaser upon delivery of the motor vehicle sold under this Sales Agreement. A facsimile of this Sales Agreement shall have the same legal effect as an original hereof. In the event of any litigation arising out of this Sales Agreement, the non-prevailing party shall reimburse the prevailing party for the reasonable attorneys' fees and other expenses incurred by the prevailing party in connection therewith.

By: _____
(Purchaser Signature)

FSA23-VEH21.0 Heavy Trucks, Item 55, Mack, AN or G Series
 2025 **Mack** PI64T for Lee County Solid Waste Manual Trans

1/17/2024

DEPARTMENT: Utilities

BASE VEHICLE: 52,000 LB GVWR CAB & CHASSIS-4X6 TANDEM AXLE TRACTOR (ONLY)

MAK "PI" SERIES "Pinnacle" . MFG. STANDARD WHITE. BLACK FRAME & RUN GEAR

BASE No.: Item	55	BASE PRICE:	\$ 194,691.00	\$ 130,462.00
OPTIONS No.	DESCRIPTION		LIST	FSA PRICES
Published Options + Up-Grades to Base				
1001765	Engine Upgrade-Mack MP8-415HP: Includes Eaton Fuller 16210c			\$ 2,099.00
NEX WK2LWF	Wet Kit: Two line, walking floor manual trans			\$ 9,068.00
2540401	Dual Differential Locking Rear Axles			\$ 1,196.00
1919007	PTO Preparation Kit - Factory Prewired			\$ 169.00
PI64T	Set Forward Axle For Tractor			\$ 2,013.00
2541507	Front Axle 14,600 lb Rating			\$ 1,305.00
2791300	Chrome Front Bumper			\$ 163.00
Un-Published Options				
			LIST	FSA PRICE
EXMF-BS1	Exhaust: Bright Finish Stack		\$ 104.00	\$ 81.00
1335603	Eaton Advantage Peddles, Self Adjust		\$ 76.00	\$ 59.00
MCB0001	Air Assist Clutch Cable System With Open Grate Pedal		\$ 538.00	\$ 420.00
2452215	Sheppard HD94 Intergral Power		\$ 157.00	\$ 122.00
3180010	Battery Disconnect: Flaming River		\$ 157.00	\$ 122.00
4643000	Stainless Steel Quarter Fenders		\$ 176.00	\$ 137.00
1570001	Exterior Sun Visor Painted		\$ 234.00	\$ 183.00
RACWD-M	Meritor Dual Track/Dana Slectraq Rear Axles w/52" Spread		\$ 808.00	\$ 630.00
2710213	213" Wheelbase		\$ 159.00	\$ 124.00
MCE0004	8 X90 X 266MM Frame Rails		\$ 137.00	\$ 107.00
15H2003	Fender Mtd. 8" Convex Spot Mirrors ea. Side		\$ 213.00	\$ 166.00
DRVA-AHC	Auto Drain Valve Main Air Tank, Lanyards on all other		\$ 89.00	\$ 69.00
AUXSW-2	Two (2) Extra, Dash Mounted, Switches, Illuminated		\$ 24.00	\$ 19.00
3303228	Fifth Wheel: Fontaine SL7LWB LH Release 24" Air Slide		\$ 42.00	\$ 33.00
APNOUTC	Aux. In Cab Pneumatic - Line Clean Out		\$ 73.00	\$ 57.00
1540002	Two (2) Rectangular Single Trumpet Air Horns		\$ 115.00	\$ 90.00
RDECK-SL	Low Profile Deck Plate		\$ 565.00	\$ 441.00
3219010	SAEJ560 & ISO373 Trailer Recepticle		\$ 151.00	\$ 118.00
TECC2COL	15' Coil Phillips Primary & AUX. Trailer Cords		\$ 178.00	\$ 139.00
1529045	Exterior Mirrors: Bulldog stylized, Heated + Motorized		\$ 551.00	\$ 430.00
1963140	Driver Seat: H.Back Air; 4 Chamber Lumbar w/Premium Cov		\$ 605.00	\$ 472.00
MAP2004	Driver Seat-Steel Grey Vinyl/Cloth Mix		\$ 270.00	\$ 210.00
MAQ2004	Passenger's Seat -Steel Grey Vinyl/Cloth Mix		\$ 270.00	\$ 210.00
9006363	Front Tires: Michelin 11R22.5 H XZE2		\$ 580.00	\$ 452.00
9016342	Rear Tires: 4-455/55R22.5 Michelin M X-One XZUS		\$ 2,860.00	\$ 2,231.00
3463825	22.5x14.00 Alcoa Clean Buffed Aluminum (4) Wheels		\$ 996.00	\$ 777.00
CR-COB2	Cobra Weather Band 40 Channel		\$ 477.00	\$ 372.00
VENDOR & LOCAL OPTIONS				
	Wetline Kit Configuration and Equip. per Lee Co. Add'l Reqmts.			\$ 7,106.00
	Chrome Bug Deflector			\$ 560.00
	GROTE 112 DP Back-Up Alarm-Non Variable			\$ 202.00
	Steel Mud flap brackets, short style #034-00426			\$ 269.00
	Prep			\$2,850.00
	Subtotal:		\$ 205,296.00	\$ 165,733.00
	Tire Tax Credit:		\$ (213.78)	\$ (213.78)
NET PRICE EACH, TOTAL:			\$ 205,082.22	\$ 165,519.22

Prepared By: Matt Fleming
 Matt Fleming
 Nextran Truck Centers
 2150 Rockfill Rd
 Fort Myers, FL 33916
 (239) 334-7300

1/17/2024

Date



Bid Award

Contract: FSA23-VEH21.0, Heavy Trucks and Buses

Group: Cab and Chassis Trucks: 52,000 lbs. GVWR Semi Tractor 4x6

Item: 55, Mack, AN or G Series, AN or G Series

Zone	Rank	Vendor	Price	Build File	Options File
Western	Primary	Nextran Truck Centers	\$130,462.00	Build	Options
Northern	Primary	Nextran Truck Centers	\$130,462.00	Build	Options
Central	Primary	Nextran Truck Centers	\$130,462.00	Build	Options
Southern	Primary	Nextran Truck Centers	\$130,462.00	Build	Options

Florida Sheriffs Association Cooperative Purchasing Program Options List

Option Code	Description	Price	Installation	MSRP Discount	Cost-Plus Markup
Bid Number	FSA23-VEH21.0				
Bid Title	Heavy Trucks and Buses				
Bidder	Nexttran Truck Centers				
Item Make & Model	Mack AN or G Series (Tractor)				
Item Number	55				
1001757	Engine Upgrade- Mack MP7-395 HP	\$1,238.00	Factory	-33.00%	
1001765	Engine Upgrade- Mack MP8-415 HP: Includes Eaton Fuller 16210c Transmission	\$2,099.00	Factory	-33.00%	✓
1001762	Engine Upgrade- Mack MP7-425 HP: Includes Eaton Fuller 15210c Transmission	\$2,078.00	Factory	-33.00%	
1001766	Engine Upgrade- Mack MP8-445 HP: Includes Eaton Fuller 16210c Transmission	\$2,821.00	Factory	-33.00%	
10001768	Engine Upgrade- Mack MP8- 505 HP: Includes Eaton Fuller 17210c Transmission	\$4,013.00	Factory	-33.00%	
1361501	Transmission Upgrade: Mack Mdrive 12 sp	\$1,098.00	Factory	-33.00%	
1361501HD	Transmission Upgrade: Mack Mdrive 12 sp Heavy Duty	\$1,264.00	Factory	-33.00%	
1361509	Transmission Upgrade: Mack Mdrive 13 speed	\$4,884.00	Factory	-33.00%	
1361511	Transmission Upgrade: Mack Mdrive 14 speed	\$5,295.00	Factory	-33.00%	
GU64K PKG	64,000 lb GVW Package: Includes 20K Front Axle 44K Rear Axle: Granite Model Only	\$21,346.00	Factory	-33.00%	
GU DBL	Double Frame Insert: Granite Model Only	\$1,975.00	Factory	-33.00%	
1364534	Allison Transmission 4500RDS	\$13,429.00	Factory	-33.00%	
1362135	Fuller RTLO169088LL 10-speed	\$1,091.00	Factory	-33.00%	
1362158	Fuller RTLO169013: 13-speed	\$1,064.00	Factory	-33.00%	
1362160	Fuller RTLO169018: 18-speed	\$1,191.00	Factory	-33.00%	
3303003	5th Wheel- 36" air slide	\$449.00	Factory	-33.00%	✓
2541507	Front Axle 14,6000 lb Rating: includes equal capacity steering gear and springs	\$1,305.00	Factory	-33.00%	✓
2401501	Front Axle 20,000 lb Rating : Includes equal capacity steering gear and springs: Granite Model Only	\$5,784.00	Factory	-33.00%	
1861508	Rear Axle 46,000 lb Rating: Meritor, Eaton, Mack	\$572.00	Factory	-33.00%	
2682010	Rear Suspension 46,000 lb Chalmers, Hendrickson, Mack	\$1,874.00	Factory	-33.00%	
2902072	Dual Fuel Tanks	\$449.00	Factory	-33.00%	✓
2540401	Driver Controlled Differential Lock	\$1,196.00	Factory	-33.00%	✓
1570001	Exterior Stainless Sun Visor	\$269.00	Factory	-33.00%	✓
1919007	PTO Prep Kit	\$169.00	Factory	-33.00%	✓
267/2500 3000	All Aluminum Wheel Package	\$587.00	Factory	-33.00%	
Full Aero PKG	Full Aerodynamic Package: Includes, Roof Fairings, Side Shields and Skirts	\$4,153.00	Factory	-33.00%	✓
42106	Premium Interior Level Upgrade	\$512.00	Factory	-33.00%	✓
2791300	Chrome Front Bumper	\$163.00	Factory	-33.00%	✓
2931000	Davco 382 Fuel Filter	\$503.00	Factory	-33.00%	
1305011	Dual Exhaust Option	\$1,507.00	Factory	-33.00%	
2681030	52K RA GU PKG	\$5,466.00	Factory	-33.00%	
Disc Brakes	Front and Rear Disc Brakes	\$2,477.00	Factory	-33.00%	
Chrome PKG	Chrome Exterior Package	\$601.00	Factory	-33.00%	
Safety PKG	Bendix Wingman Safety Package	-\$2,323.00	Factory	-33.00%	
Roof Fairing	Roof Fairing	\$1,786.00	Factory	-33.00%	
196AAX	Rolltek Rollover Protection Drivers Seat	\$2,350.00	Factory	-33.00%	
PTO Only	PTO Only	\$4,538.00	Factory	-33.00%	
P164T	Set Forward Option for Tractor	\$2,013.00	Factory	-33.00%	✓
NEX AHAR	Aluminum Headache Rack	\$2,450.00	Vendor		0.00%
NEX WKLB	Wet Kit: Low Boy Application (Manual Transmission)	\$8,564.00	Vendor		0.00%
NEX WKSLC	Wet Kit: Single Line Dump (Manual Transmission)	\$8,066.00	Vendor		0.00%
MDRIVE WETLINE	Wet Kit: Single Line Dump (Mdrive) Complete	\$10,875.00	Vendor		0.00%
ALLISON WETLINE	Wet Kit for Allison 4500RDS	\$8,564.00	Vendor		0.00%
NEX WK2LWF	Wet Kit: Two Line Walking Floor (Manual Transmission)	\$9,068.00	Vendor		0.00%
NEX ECCO 14	14" Strobe Light	\$975.00	Vendor		0.00%
NEX ECCO 60	60" Strobe Light w/ stop, tail and turn lights	\$2,500.00	Vendor		0.00%
NEX ECCO WL	LED Work Lights	\$450.00	Vendor		0.00%
NEX 13 20 RDA	20,000 Rigid Lift Axle for Lowboy Tractor	REQUEST			
Transfer	Transfer Existing Registration	\$150.00	Vendor		0.00%
New	New State Tag	\$350.00	Vendor		0.00%
3YR/300K	3 Year, 300,000 Mile Warranty on Mack Engine Plan 2 Exhaust After Treatment System with Mack Engines Under 460HP	\$1,930.00	Factory		0.00%
5YR/300K	5 Year, 300,000 Mile Warranty on Mack Engine Plan 2 Exhaust After Treatment System with Mack Engines Under 460HP	\$2,335.00	Factory		0.00%
5YR/400K	5 Year, 400,000 Mile Warranty on Mack Engine Plan 2 Exhaust After Treatment System with Mack Engines Under 460HP	\$4,120.00	Factory		0.00%
CARB CERT	CARB Certification	\$3,500.00	Factory		0.00%

TECHNICAL SPECIFICATION

ANTHEM 64T DAYCAB



APPLICATION PACKAGES		DESCRIPTION
MPK1AK	CHASSIS CONFIGURATION PACKAGE	ONEBOX EATS, LH BATTERY BOX (4 BATTERIES), 11.8 GALLON (45L) DEF, SINGLE 26" LH FUEL TANK

CUSTOMER/VEHICLE INFO		DESCRIPTION	
S	0029D2	CHASSIS (BASE MODEL)	ANTHEM 64T DAYCAB
S	99X93X	ASSEMBLY PLANT	Made in Macungie, PA USA
	MP2001	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	M45001	ORDER TYPE REQUIREMENTS	RETAIL OR STOCK - CUSTOM SPECIFICATIONS
	013002	TYPE OF SERVICE	MUNICIPAL
S	M98018	WARRANTY REGISTRATION LOCATION	USA - WARRANTY REGISTRATION LOCATION
	MBT01T	EMISSION WARRANTY CERTIFICATION	EPA (only) for Mack MP7 / MP8 Diesel
	M84009	INTENDED REGISTRATION LOCATION	FLORIDA
S	5050B5	INITIAL REGISTRATION LOCATION	USA REGISTRATION
	5FFB1X	BRAND ORNAMENT	BULLDOG BRAND ORNAMENT, CHROME
S	534014	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
	005015	VEHICLE USE & BODY/TRAILER TYPE	FLATBED TRAILER
S	78XB1X	TRANSPORT CYCLE	LOCAL DISTRIBUTION
S	DKXG2X	GROSS COMBINATION WEIGHT (CA in PC29 only)	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT
S	70BC1X	BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
	QCXA1X	TOPOGRAPHY	GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%
S	E1BD1X	AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
	032A19	OPERATING TERRAIN GRADE CONDITIONS	TURNPIKE / INTERSTATE, STARTING / OPERATING GRADES 3% MAX
S	033A10	LOADING SURFACE FACTOR	CONCRETE LOADING AND / OR UNLOADING SURFACE
	0341A2	VEHICLE VOCATION	PICKUP & DELIVERY / SHORT HAUL SERVICE

ENGINE/TRANSMISSIONS		DESCRIPTION	
	1004Q0	ENGINE PACKAGE, COMBUSTION	MP7-355C MACK 355HP @ 1600-1800 RPM (PEAK) 2100 RPM (GOV) 1250 LB-FT, US'21
S	Q1CA1X	GEAR SELECTION TUNING	BASIC, GEAR-SELECTION TUNING
S	3GCA1X	GHG APPLICATION, VEHICLE	GREEN HOUSE GAS HIGHWAY APPLICATION
	136AD5	TRANSMISSION	FULLER FRO-14210C (12.69/0.74)
S	V4EZ9X	GEARBOX 12TH GEAR LOCK-OUT	WITHOUT 12TH GEARBOX GEAR LOCK-OUT

EXHAUST/EMISSIONS		DESCRIPTION	
	CIRAA2	CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, BASIC
	Z8FT1X	NOX LIMITS	CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance
S	DPF04F	DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21
	MCF01F	CHASSIS MOUNTED EMISSIONS FINISH	PAINTED DEF & DPF COVER
	DF10M1	DIESEL EXHAUST FLUID TANK	11.8 GALLON (45 L) 22" LEFT SIDE FRAME MOUNTED
S	130AB9	EXHAUST	SINGLE VERTICAL RIGHT SIDE INBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT
	KRXB5X	EXHAUST STACK HEIGHT	11' 6" FROM GROUND
S	Q0AA1X	EXHAUST SYSTEM MATERIAL FINISH	W/O BRIGHT FINISH EXHAUST
	78ADCX	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2023

TECHNICAL SPECIFICATION *(cont.)*



ENGINE EQUIPMENT		DESCRIPTION
	125045	AIR CLEANER UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD
S	121AA5	BUG SCREEN BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	1130G3	AIR COMPRESSOR/DRYER WABCO HEATED SS-HP AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR
S	KOXA1X	AIR DRYER POSITION (CA) AIR DRYER POSITION STANDARD
S	132AB9	ALTERNATOR DELCO 12V 160A (28SI) BRUSH-TYPE
S	316AA5	BATTERIES (3) MACK 12V 760/2280 CCA THREADED STUD TYPE
S	393AC3	BATTERY BOX - MOUNTING (x) LH RAIL UNDER CAB, PARALLEL TO FRAME W/STEPS, W/AIR RESERVOIR MOUNTED BELOW (4 BATTERY MAX)
	L5XA1X	BATTERY BOX COVER MOLDED PLASTIC
S	NCXA5X	STARTER MOTOR 12 VOLT DELCO 39MT-MXT
	110AA5	ENGINE BRAKE MACK MP7 POWERLEASH
S	JMXB1X	ENGINE BRAKE LIGHTING (CA) VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)
S	118AB8	FAN DRIVE BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
S	119A19	COOLANT PROTECTION ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG, W/ FILTER
S	124AA3	HOSES - RADIATOR/HEATER MACK EPDM RADIATOR & HEATER HOSES
S	293043	FUEL-WATER SEPARATOR MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)
S	MBXA1X	PRIMARY FUEL FILTER POSITION (CA) STANDARD FUEL FILTER POSITION
S	MCA04A	ENGINE HEATERS 120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)
S	QHXC1X	OIL SUMP OIL PAN
S	36AA1X	TETHER DEV PKG, CAPS & COVERS FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK
S	2YBZ1X	ENGINE STOP, EMERGENCY (CA in PC29 only) WITHOUT ENGINE STOP, EMERGENCY

CLUTCH/TRANS EQUIPMENT		DESCRIPTION
	492032	GEAR SHIFTER EATON/FULLER SHIFTER
	133AD6	CLUTCH EATON ADVANTAGE SOLO 9-SPRING,2PLATE 15.5" CERAMIC 6 PADDLES, SELF ADJUST
	MCB04B	CLUTCH ACTUATION SYSTEM & PEDAL PAD MECHANICAL CLUTCH CABLE SYSTEM WITH RUBBER PEDAL
	195AA7	DRIVELINE - MAIN MERITOR RPL25HD W/PERMALUBE U-JOINTS (PROPS-L)
S	204AA4	DRIVELINE - INTERAXLE MERITOR RPL20 W/PERMALUBE
S	76AA1X	PROPELLR SHAFT MAIN, UNVSL JNT UNIVERSAL JOINT HALF-ROUND TYPE
S	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT HALF-ROUND UNIVERSAL JOINT
S	4LDA1X	TRANSMISSION OUTPUT TORQUE TRANSMISSION OUTPUT TORQUE BASIC
S	7RXB1X	LUBRICANTS, TRANSMISSION SYNTHETIC OIL IN TRANSMISSION
	139AA2	TRANSMISSION OIL COOLER TRANS OIL COOLER (INTEGRAL OIL PUMP)

FRONT AXLE EQUIPMENT		DESCRIPTION
S	240AA6	FRONT AXLE 12000# (5400 KG) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
S	244AB2	SPRINGS - FRONT MACK TAPERLEAF HD 12000# (5400 KG) GROUND LOAD RATING, EQUAL BIAS
S	YNX99X	FRONT STABILIZER WITHOUT FRONT STABILIZER
S	2410A1	FRONT AXLE BRAKES MERITOR "S" CAM TYPE 16.5" x 5" Q+
S	U3XA1X	BRAKE, FRONT CAST IRON
S	U0AA1X	FRONT BRAKE ADJ. MANUFACTURE HALDEX - AUTOMATIC
S	V7AB1X	FRONT BRAKE CHAMBER MFG. FRONT BRAKE CHAMBER MANUFACTURER, HALDEX
	0KXA1X	HUB MATERIAL, FRONT FERROUS
S	61500A	FRONT AXLE LUBRICANT FRONT AXLE LUBE, FAG NLGI2 GREASE

TECHNICAL SPECIFICATION *(cont.)*



FRONT AXLE EQUIPMENT			DESCRIPTION
S	245AA2	STEERING	TRW TAS-65 INTEGRAL POWER
S	IRXC1X	FRONT SUSP MAINTENANCE	MAINTENANCE FREE, RUBBER SPRING EYE BUSHINGS

REAR AXLE EQUIPMENT			DESCRIPTION
S	2680F8	REAR AXLE	40000# (18100kg) MERITOR MT40-14XHE STD DUTY HOUSING 9.5MM
S	6MAA1X	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE
S	617003	DRIVE AXLE LUBRICANT	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL
S	01800Y	CARRIER - REAR AXLE	VENDOR AXLES
S	3LAC1X	POWER DIVIDER LOCKOUT	INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
	TAXFLX	REAR AXLE RATIO	3.70 RATIO
S	186AC0	REAR SUSPENSION	MAXLITE 40 EZ (GEN 2) 40,000 lb
S	GWXBYX	BOGIE SPREAD, REAR	52" AXLE SPACING (BOGIE WHEELBASE)
S	ZAXA1X	SUSPENSION LEVELLING DEVICE (CA in PC29 only)	ELECTRICAL REGULATION LEVELING DEVICE
S	J6DB1X	AIR SUSPENSION DUMP WARNING	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
S	YVXA1X	REAR SHOCK ABSORBER	REAR SHOCK ABSORBER
S	237037	AUX.SPRING BRAKE QTY	AUX SPRING BRAKE QTY, 4 CHAMBERS
S	253AC9	BRAKES - REAR	MERITOR "S" CAM - 16.5"x7" Q+ LIGHTWEIGHT BRAKE STAMPED STEEL SPIDERS (Total for QTY = 2)
S	U4XA1X	BRAKE, DRIVE, REAR	CAST IRON
S	U1AA1X	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC (Total for QTY = 2)
	V1AB1X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
	N5FAFX	BRAKE ORI REAR-MOST DRIVE AXLE	DRUM BRAKE CHAMBER ORIENTATION: Middle Mount - Forward of Axle - Chamber Up
S	300AS0	PARKING BRAKE CHAMBER	HALDEX "GOLD SEAL PLUS" (3" STROKE) BRAKE CHAMBERS (Total for QTY = 2)
	0LXI5X	HUB MATERIAL, DRIVE	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
S	698098	ANTILOCK BRAKE SYSTEM	MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL 4S4M
S	URXD1X	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE

FRAME EQUIPMENT/FUEL TANKS			DESCRIPTION
	271187	WHEELBASE	187"
S	374056	AF (OVERHANG)	56"
S	MCE01E	FRAME RAILS & LINERS	6 x 90 x 266mm - (0.24" x 3.54" x 10.47"); RBM 1,390,000 LB-IN
S	281AA2	CROSSMEMBERS	STEEL
	Q5AC1X	REAR CROSSMEMBER OPTIONS	BOXED AND TAPERED CROSSMEMBER
	X6XB2X	REAR FRAME TREATMENT	TAPERED AND FLANGED RAIL ENDS (28 deg.)
S	69XD3X	MUDFLAP HANGERS, REAR AXLE	BETTS B87 SERIES WITH CONSPICUITY FEATURE (FMVSS 108)
	4DXEDX	FRONT BUMPER	AERODYNAMIC, PAINTED, WITH BLACK ACCENT
S	5EXF1X	GUARD	SKID PLATE UNDER BUMPER AND RADIATOR
S	2RAA1X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
	288AB4	FUEL TANK - LH	72 GALLON (275 L) 26" ALUMINUM ROUND
S	290AA1	FUEL TANK - RH	W/O RH FUEL TANK
	JHXA1X	FUEL HOSES, LIQUID	NYLON TUBE
S	8520C2	FUEL FILLER NECK OPTIONS	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP
	12AA1X	FUEL LINE OPTIONS, LIQUID	W/O FUEL LINE OPTION
S	Q2AA1X	CAB INSTEP VERSION	STANDARD 2 STEP CAB ACCESS
S	223AA3	STEPS (BRIGHT) - FUEL TANK	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS

TECHNICAL SPECIFICATION (cont.)



AIR/BRAKE		DESCRIPTION
	UWXD1X	AIRTANK DRAIN VALVE MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY
S	U2XB1X	AIRTANK MATERIAL STEEL AIR TANK PAINTED CHASSIS COLOR
S	141AA1	RELOCATE AIR RESERVOIRS W/O RELOCATED AIR TANKS
S	1JAABX	PARKING BRAKE VALVE TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

ELECTRICAL		DESCRIPTION
	5RXA6X	BACK-UP ALARM ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB
	3120A2	ROOF & SIDE MARKER LIGHTS (5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL
S	LJXB1X	HEADLAMP BULB TYPE HEADLAMP BULB TYPE, LED
S	LSXJ7X	DAYTIME RUNNING LIGHTS W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED
S	X2AA1X	DRL OVERRIDE SPEED THRESHOLD DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)
	NEXC1X	TAIL LAMPS INCANDESCENT TAIL LAMPS

Handwritten note:
H15 body 2.7

TRAILER CONNECTIONS		DESCRIPTION
	330AD8	FIFTH WHEEL FIXED - JOST JSK-37USL-DB SERIES, LH RELEASE (AVAIL: 5.87", 6.85", 7.83", 8.86", 10.83", 11.89")
	6DXJ1X	5TH WHEEL MOUNTING BRACKETS STATIONARY 5TH WHEEL MTG, 0" TO 24" OFFSET, 2" SPACING
S	LIXA1X	FIFTH WHEEL ANGLE MATERIAL STEEL FIFTH WHEEL ANGLES
S	9DAABX	5TH WHEEL ANGLE THICKNESS 5TH WHEEL ANGLE, 10MM THICKNESS
S	6BX5XX	5TH WHEEL OFFSET 50" BOGIESPREAD = -1" OFFSET, 52" BS = 0", 54" BS = 1", 55" BS = 1.5", 4x2 = - 26"
	E5BABX	GROUND TO 5TH WHEEL TOP HGT. (CA in PC29 only) 1170MM (46") GROUND TO 5TH WHEEL TOP HEIGHT
	6EXAZX	FIFTH WHEEL LEG-HEIGHT (KAX Result) 149MM (5.85") FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX)
S	53XBAX	TRAILER GLAD HAND COUPLINGS GLAD HAND COUPLINGS - NORTH AMERICAN STD
S	WGXA1X	TRAILER BRAKE VALVE HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS
S	WHXQ1X	TRAILER CONNECTION POSITION TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB
S	7KXA3X	TRAILER ACCESS PACKAGE LOW PROFILE DECK PLATE
S	51XD1X	TRAILER BRAKE HOSEHANGER HOSE TENDER, POGO STICK (CHASSIS MOUNTED)
S	321021	TRAILER ELECTRICAL RECEPT SINGLE, 7 PINS STD SAE TYPE, BACK OF CAB
S	5ZXC1X	TRAILER BRAKE HOSES & CABLES TRAILER AIR HOSES (12' NON-COILED TYPE)
S	2UAA1X	TRAILER ELECTRICAL CABLE CONFIG TRAILER ELECTRICAL CORD (12' NON-COILED TYPE)
S	3SAA1X	TRAILER CONNECTORS HOLDER ELECTRICAL PLUG HOLDER (INCLUDES GLAD HAND STORAGE)

SPECIALTY EQUIPMENT		DESCRIPTION
S	7VEZ1X	AUXILIARY POWER UNIT WITHOUT AUXILIARY POWER UNIT
S	5480A8	COLLISION WARNING SYSTEM - FRONT/SIDE (ACC) BENDIX FUSION 2.0 FRONT only CAV WARNING SYSTEM, EMERG BRAKING, W/ ADJ ACC TIME GAP, W/ SPEEDSIGN
S	G6CADX	ACC TIME GAP CONFIG SETTING ADAPTIVE CRUISE CONTROL ADJUSTABLE TIME GAP CONFIGURATION 4
	MCQ01Q	LANE SUPPORT SYSTEM (LSS) WITHOUT LANE SUPPORT SYSTEM
S	MCT05T	ACC / LSS -- VOLUME LEVEL SETTINGS ACC / LSS VOLUME SETTINGS, LOW / LOW
	MCU0AU	ACC / LSS / BLIND SPOT -- AUDIO CONTROL TYPE ACC or LSS RADIO WILL MUTE W/ FIXED VOLUME, & BLIND SPOT ALARM CAN BE DISABLED
S	2PEZ1X	DATA CAPTURE WITHOUT DATA CAPTURE
S	1PAZ1X	CAMERA, SURVEILLANCE WITHOUT CAMERA

TECHNICAL SPECIFICATION *(cont.)*



CAB INTERIOR (A THRU G)		DESCRIPTION
S	198048	SPEEDOMETER -&- GAUGES - UNIT(S) OF MEASURE U.S. UNITS (PREDOMINANT)
	E1AAAX	GAUGE OIL TEMP-REAR AXLE REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)
S	173AA5	AIR CONDITIONING/HEATER BLEND AIR HVAC W/"ATC" TEMP REGULATION
S	EEXA1X	CUPHOLDER CUPHOLDER
S	I0XAHX	DOME LAMP, INTERIOR (4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
S	184AA2	FLOOR COVERING POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS

CAB INTERIOR (H THRU R)		DESCRIPTION
S	C52082	INSTMNT CLUSTER LANGUAGE DEFAULT: ENGLISH, SPANISH, FRENCH
S	20XA1X	KEY TYPES FOR DOORS ALL CHASSIS KEYED AT RANDOM
S	13AA1X	DOOR OPENING OPTIONS W/O ELECTRONIC KEYLESS ENTRY
	E3XD1X	FORWARD OVERHEAD STORAGE (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
S	1740D4	AUDIO ACCOMMODATION PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH
	73AJ5X	ANTENNA - RADIO PREP KIT FOR MOUNTING ON RT SIDE MIRROR W/O (ANTENNA)
S	1WAB1X	POWER LEADS POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
S	5CXB2X	AUDIO SPEAKER LOCATION SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
S	5JXALX	COM.RADIO PREP KIT (CB) MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE
S	21XA1X	AUXILIARY REAR WINDOW REAR WINDOW (FIXED TYPE)
S	IFXB1X	REAR WALL STORAGE COMPARTMENT STORAGE POUCH REAR

CAB INTERIOR (S THRU Z)		DESCRIPTION
S	004014	INTERIOR TRIM LEVELS COMFORT TRIM PACKAGE, STEEL GRAY (Package 11A)
S	196AAA	SEAT - DRIVER'S MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR
S	MAPB2X	SEAT COVERING - DRIVER'S DRIVER'S SEAT - STEEL GREY VINYL
S	197AA1	SEAT - PASSENGER'S MACK-FIXED, HIGH BACK
S	MAQB2X	SEAT COVERING - PASSENGER'S PASSENGER'S SEAT - STEEL GREY VINYL
S	592092	SEAT BELT(S) LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT
S	D8XC1X	SEAT BELT REMINDER SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO
S	2QAA1X	IGNITION TYPE KEY TYPE
S	161011	STEERING WHEEL 2 SPOKE URETHANE GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES
S	WSXBAX	WINDSHIELD TYPE TWO PIECE WINDSHIELD
S	145AA1	CAB GLASS TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	148AA3	WINDSHIELD WIPERS 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

CAB - SLEEPER BOX		DESCRIPTION
S	4ZXZ1X	REFRIGERATOR W/O SLEEPER BOX REFRIGERATOR

CAB EXTERIOR		DESCRIPTION
S	88AA1X	EMBLEMS OPTION W/O MISC ORNAMENT CHANGE OPTION
S	MCY03Y	HOOD LATCH TYPE & FINISH ROTARY TYPE HOOD LATCH
S	MCG08G	EXTERIOR TRIM FINISH AND PACKAGES ANTHEM BOLD BLACK EXTERIOR TRIM PACKAGE
S	MCD03D	PASSENGER SIDE VISIBILITY OPTIONS AUXILIARY WINDOW IN RH DOOR
S	5870G7	GRAB HANDLES PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST
S	154AA6	HORN - AIR (1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED

TECHNICAL SPECIFICATION (cont.)



CAB EXTERIOR			DESCRIPTION
S	LXXD1X	HORN - ELECTRICAL	DUAL TONE
S	152AB6	MIRRORS - EXTERIOR	AERO MIRROR - BODY COLOR, HEATED & MOTORIZED both sides, WIDE ANGLE both sides, W/O LAMPS

AERODYNAMIC DEVICES			DESCRIPTION
	159AA1	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES
	MCM998	FRONT CHASSIS AERODYNAMIC PACKAGE	WITHOUT FRONT AERODYNAMIC FAIRINGS
S	MCK03K	REAR CHASSIS AERODYNAMIC PACKAGE	WITHOUT REAR AERODYNAMIC FAIRING

WHEELS & TIRES			DESCRIPTION
	900AS0	TIRES BRAND/TYPE - FRONT	11R22.5 G BRIDGESTONE R268 ECOPIA (12350 lbs) (Total for QTY = 2)
	5312F1	WHEELS - FRONT	22.5x8.25 ACCURIDE ACCU-LITE 51408x WHITE POWDER COAT STEEL, 6.60" OFFSET, 2 HAND HOLE (Total for QTY = 2)
	901AX1	TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE R268 ECOPIA (23360 lbs) (ALL POSITION) (Total for QTY = 8)
	3462L6	WHEELS - REAR	22.5x8.25 ACCURIDE ACCU-LITE 51408x WHITE POWDER COAT STEEL, 6.60" OFFSET, 2 HAND HOLE (Total for QTY = 8)
S	15XABX	TIRE INFLATION VALVE	STANDARD VALVE STEMS AND CAPS
S	MCH03H	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM
S	MCI03I	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)
S	80AA1X	WHEEL NUT & FINISH, FRONT	WHEEL NUT BASIC FINISH, FRONT
S	3PBA1X	WHEEL NUT FINISH, REAR (CA)	WHEEL NUT BASIC FINISH, REAR

COMMUNICATION SYSTEMS			DESCRIPTION
S	3YAA1X	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1
S	M30060	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES

ENGINE ELECTRONICS			DESCRIPTION
S	WOXA1X	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN
S	WMXA1X	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN
S	K5XA2X	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)
	K7XH3X	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM
S	X0AB0X	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	B1AZ1X	IDLE S/D WARNING TIME	WITHOUT IDLE S/D WARNING TIME
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY
S	A4AAEX	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	M4CB1X	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	D2AAFx	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	B3ABAX	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KM/H (10 MPH)
	B6ACEX	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM
S	B4ADAX	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM

TRANSMISSION ELECTRONICS		DESCRIPTION
M08038	ECONO ROLL	ECONO ROLL DISABLE mDRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)

TECHNICAL SPECIFICATION *(cont.)*



TRANSMISSION ELECTRONICS		DESCRIPTION
S	779001	TRANSMISSION ELECTRONICS PACKAGE W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)
S	MAV01V	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES W/O ALLISON FUELSENSE 2.0 PROGRAMMING

VEHICLE ELECTRONICS		DESCRIPTION
S	JCXE6X	ROAD SPEED LIMITER SETTING 105 KM/H ROAD SPEED LIMITER (65MPH)
	Y3CC5X	PEDAL RSL SETTING 105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)
S	JDXA1X	CRUISE CONTROL CRUISE CONTROL
S	JFXLLX	CRUISE CONTROL, MAX SPEED MAX CRUISE, 105 KPH (65 MPH)
S	E3AACX	CRUISE CONTROL MIN SPEED MIN CRUISE, 32 KPH (20 MPH)
	E5AAJX	ENG BRK ENGAGE IN CRUISE ENG BRK ENGAGE IN CRUISE, 10 MPH, ABOVE SET SPEED
S	X2BB1X	ROAD SPEED LIMIT CONTROL TYPE RSL CONTROL TYPE NORMAL
	L2CB1X	PDLO ENGAGED VLS POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 24KMH (15MPH)
	Q6FZ1X	DIFF LOCK SPEED LIMIT WITHOUT DIFFERENTIAL LOCK ROAD SPEED LIMIT
	W5BJ2X	MAXIMUM ENG SPEED AT 0 MPH 1950 MAXIMUM ENGINE SPEED AT 0 MPH
S	A4BAAX	DETECTION SPEED SENSR TMRNG DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	8RXAEX	ENG TORQUE LIMIT,SPEED SENSOR ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	X3CB1X	DRIVER ID FUNCTION DRIVER ID FUNCTION, DISABLED
S	0PAZ1X	DR PERFORMANCE PARAMETERS WITHOUT DRIVER PERFORMANCE PARAMETERS
S	G5AAHX	ENGINE OVERSPEED,ALL COND, LOG ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	G2AAGX	ENGINE OVERSPEED,FUELED, LOG ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	G4AAUX	VEHICLE OVERSPEED,ALL COND,LOG VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	G3AAPX	VEHICLE OVERSPEED, FUELED, LOG VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
S	G1AABX	ENGINE IDLE DELAY TO LOG ENGINE IDLE DELAY TO START LOG, 2 MIN
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH PERIODIC TRIP LOG, DAY 1 OF THE MONTH

PAINT		DESCRIPTION
S	950AC0	PAINT DESIGN SINGLE COLOR
S	924014	PAINT TYPE SOLID PAINT
S	944AA7	PAINT COLOR - FIRST COLOR MACK WHITE; P9188
S	945998	PAINT COLOR - SECOND COLOR NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	946998	PAINT COLOR - THIRD COLOR NO THIRD TRUCK COLOR PROVIDED; NO COLOR
S	996AA3	PAINT - CAB PAINT SYSTEM PAINT - CAB, URETHANE CLEAR COAT
S	MPB944	CAB COLOR SAME AS FIRST COLOR - CAB
S	MPD944	HOOD COLOR SAME AS FIRST COLOR - HOOD
S	940944	MIRROR COVER COLOR SAME AS FIRST COLOR - MIRROR COVER
	MPA998	ROOF FAIRING COLOR WITHOUT ROOF FAIRING
S	951AA6	CHASSIS RUNNING GEAR MACK BLACK (URETHANE); P3036
S	958944	BUMPER SAME AS FIRST COLOR - BUMPER
S	959019	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY*** W/O OPTIONAL FUEL TANK PAINT
S	962032	HUBS & DRUMS-FRONT SAME AS CHASSIS RUNNING GEAR
S	963033	HUBS & DRUMS-REAR SAME AS CHASSIS RUNNING GEAR

CALCULATED CODES - KAX		DESCRIPTION
S	9JXA1X	PROPCALC SELECTION YES, THE ORDER MUST BE CALCULATED

TECHNICAL SPECIFICATION (cont.)



CALCULATED CODES - KAX		DESCRIPTION
D5EA1X	AUTO ROUTING & CLIPPING, CENTER	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION

BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION
S	898002	VEHICLE WARRANTY TYPE NORMAL DUTY WARRANTY CLASSIFICATION
S	M50020	BASIC CHASSIS COVERAGE NORMAL DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (160,934 KM)
	M8301T	EMISSION - SURCHARGE EPA (only) for Mack MP7 / MP8 Diesel
S	M51021	ENGINE WARRANTY MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
S	M52022	EMISSION COMPONENT COVERAGE US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
	M54094	TRANSMISSION WARRANTY 36/350K MI: EATON TRANSMISSION STANDARD NORMAL AND HEAVY DUTY COVERAGE
S	M55055	CARRIER & AXLE HOUSING WARRANTY STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)
S	M56026	AIR CONDITIONING WARRANTY AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
S	M57027	CHASSIS TOWING WARRANTY STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
S	M58028	ENGINE TOWING WARRANTY STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)

ADDITIONAL ENGINEERING (Non Approved)		DESCRIPTION
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CA 1

Chassis Specification

Customer	Your ref.	MATT FLEMING
	Quote no.	NEXT2023000298C117
	Alternative Id	1
	Date	10/26/2023
Customer no	OrderDate	
Org No	Last Change	10/24/2023
Telephone		
Mobile phone		

Model

				Qty	List Price	Net Price
PINNACLE 64T DAYCAB						
Order number						
Price List 2023-07-17						
Delivery Time						
Delivery Address						
Family	ID	S/O/C	Description			
APPLICATION PACKAGES						
CHASSIS CONFIGURATION PACKAGE	MPK-PI03	Option	ONEBOX EATS, RIGHT FRONT BATTERY BOX, 18.4 GALLON (70L) DEF, SINGLE 26" LH FUEL TANK			
CUSTOMER/VEHICLE INFO						
CHASSIS (BASE MODEL)	0029570	Standard	PINNACLE 64T DAYCAB			
ASSEMBLY PLANT	FACT-US6	Standard	Made in Macungie, PA USA			
VEHICLE MODEL YEAR	A192025	Option	2025 MODEL YEAR			
CUSTOMER FLEET SIZE	MP20001	Option	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND			
ORDER TYPE REQUIREMENTS	M450001	Standard	RETAIL OR STOCK - CUSTOM SPECIFICATIONS			
TYPE OF SERVICE	0130002	Option	MUNICIPAL			
WARRANTY REGISTRATION LOCATION	M981001	Standard	USA - WARRANTY REGISTRATION LOCATION			
EMISSION WARRANTY CERTIFICATION	MBT0400	Option	EPA (only) for Mack MP7 / MP8 Diesel			
INTENDED REGISTRATION LOCATION	M840009	Option	FLORIDA			
INITIAL REGISTRATION LOCATION	5051718	Standard	USA REGISTRATION			
BRAND ORNAMENT	BDOG-CH	Option	BULLDOG BRAND ORNAMENT, CHROME			
LANGUAGE-PUBS/DECAL/SIGNS	5340001	Standard	ENGLISH			
VEHICLE USE & BODY/TRAILER TYPE	0059237	Option	END DUMP TRAILER			
TRANSPORT CYCLE	TC-DISTR	Standard	LOCAL DISTRIBUTION			

GROSS COMBINATION WEIGHT (CA in PC29 only)	GCW36.0	Standard	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT
BRAKE REGULATION	BREG76	Standard	BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
TOPOGRAPHY	T-FLAT	Option	GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%
AMBIENT TEMP UPPER LIMIT	ATU40	Standard	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
OPERATING TERRAIN GRADE CONDITIONS	0320079	Standard	ON HIGHWAY, STARTING GRADES<16%
LOADING SURFACE FACTOR	0330010	Standard	CONCRETE LOADING AND / OR UNLOADING SURFACE
VEHICLE VOCATION	0340101	Option	LINEHAUL / LONG HAUL SERVICE
ENGINE/TRANSMISSIONS			
ENGINE / MOTOR	1001831	Standard	MP8-415C MACK 415HP @ 1400-1700 RPM (PEAK) 2100 RPM (GOV) 1650 LB-FT, US'21
GEAR SELECTION TUNING	GST-BAS	Standard	BASIC, GEAR-SELECTION TUNING
SCALABLE ROAD SPEED LIMIT	USCAL	Standard	WITHOUT SCALABLE ROAD SPEED LIMITER
GHG APPLICATION, VEHICLE	GHG-HIG	Standard	GREEN HOUSE GAS HIGHWAY APPLICATION
TRANSMISSION	1362128	Option	FULLER FRO-16210C (12.69/0.74)
GEARBOX 12TH GEAR LOCK-OUT	UGGLT	Standard	WITHOUT 12TH GEARBOX GEAR LOCK-OUT
MASS SENSING TORQUE LIMITATION	UMSTL	Standard	W/O LOADSENSE TORQUE LIMITATION (use for ALL non mDRIVE transmissions)
EXHAUST/EMISSIONS			
NOX LIMITS	NOXL-200	Option	CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance
IDLE EMISSION LABEL LOCATION (CA in PC29 only)	IELL-DDO	Standard	IDLE EMISSION LABEL LOCATION, LOWER LH CORNER OF DRIVER DOOR
DPF DIESEL PARTICULATE FILTER	DPF0111	Standard	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21
CHASSIS MOUNTED EMISSIONS FINISH	MCF0008	Standard	PAINTED DEF & DPF COVER
DIESEL EXHAUST FLUID TANK	DF11170	Standard	18.4 GALLON (70 L) 26" LEFT SIDE FRAME MOUNTED
DEF TANK VENTILATION FILTER	AD-FLTR	Option	DEF TANK VENTILATION FILTER
EXHAUST	1305001	Standard	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT END 11' 6" FROM GROUND
EXHAUST STACK HEIGHT	EXSTH355	Standard	
EXHAUST - BRIGHT FINISH	EXMF-BS1	Option	SINGLE, BRIGHT FINISH HEAT SHIELD, STACK
EMISSION ON BOARD DIAG CONTROL	EOBD-U24	Option	EMISSION OBD, DISPLAY ONLY, USA2024
ENGINE EQUIPMENT			
AIR CLEANER	1250402	Option	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD
BUG SCREEN	1219001	Standard	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
AIR COMPRESSOR/DRYER	1133413	Standard	WABCO HEATED SS-HP AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR
AIR DRYER POSITION (CA)	ADP-STD	Standard	AIR DRYER POSITION STANDARD
ALTERNATOR	1321236	Standard	DELCO 12V 160A (28SI) BRUSH-TYPE
BATTERIES	3165104	Standard	(3) MACK 12V 760/2280 CCA THREADED STUD TYPE

BATTERY BOX - MOUNTING (x)	3930071	Standard	RH RAIL UNDER CAB (3 BATTERY MAX)		
BATTERY BOX COVER	BBOXC-BA	Standard	MOLDED PLASTIC		
EMERGENCY START CONNECTIONS	UESS	Standard	W/O EMERGENCY STARTING RECEPT.		
BATTERY DISCONNECT SWITCH	3180010	Option	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE		
STARTER MOTOR	12STR-S2	Standard	12 VOLT DELCO 39MT-MXT		
ENGINE BRAKE	1100800	Option	MACK MP8 POWERLEASH		
VEHICLE/TRAILER STOP LAMP APPLICATION (CA)	BRLI-BAS	Standard	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)		
FAN DRIVE	1180027	Standard	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE		
COOLANT PROTECTION	1193005	Option	PROPYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED BLUE) TO -34DEG, W/ FILTER		
HOSES - RADIATOR/HEATER	1240003	Standard	MACK EPDM RADIATOR & HEATER HOSES		
FUEL-WATER SEPARATOR	2931014	Standard	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)		
RELOCATE FUEL FILTER (CA)	FPP-STD	Standard	STANDARD FUEL FILTER POSITION		
FUEL HEATER (CA)	UFUEQWH	Standard	W/O FUEL HEATER		
ENGINE HEATERS	MCA0004	Standard	120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)		
OIL SUMP	OILS-ST	Standard	OIL PAN		
OIL SYSTEM	UENGDRFL	Standard	W/O OIL CHANGE SYSTEM		
TETHER DEV PKG, CAPS & COVERS	TDCC-P1	Standard	FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK		
EMERGENCY ENGINE STOP (CA)	UENGSTOP	Standard	WITHOUT ENGINE STOP, EMERGENCY		
CLUTCH/TRANS EQUIPMENT					
GEAR SHIFTER	4922010	Option	EATON/FULLER SHIFTER		
CLUTCH	1335603	Option	EATON ADVANTAGE SOLO 9-SPRING,2PLATE 15.5" CERAMIC 6 PADDLES, SELF ADJUST		
CLUTCH ACTUATION SYSTEM & PEDAL PAD	MCB0001	Option	AIR ASSIST CLUTCH CABLE SYSTEM WITH OPEN GRATE PEDAL		
CLUTCH RELEASE HOSE	ULBLINE	Standard	W/O LUBRICATION FITTING		
ENGINE START CONDITION	UESC	Standard	W/O CLUTCH STARTING SWITCH		
MINIMUM REQUIRED PROP SHAFT SIZE	MRP0002	Standard	MINIMUM REQUIRED FOR KAX PROP SHAFT, PROPS-M		
DRIVELINE - MAIN	1951102	Standard	MERITOR RPL25 W/PERMALUBE U-JOINTS (PROPS-M)		
DRIVELINE - INTERAXLE	2041101	Standard	MERITOR RPL20 W/PERMALUBE		
DRIVESHAFT GUARD	UPSBG	Standard	WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING		
DRIVESHAFT MAIN U-JOINT	PSMUJ-HR	Standard	UNIVERSAL JOINT HALF-ROUND TYPE		
DRIVESHAFT INTERAXLE U-JOINT	PSIUJ-HR	Standard	HALF-ROUND UNIVERSAL JOINT		
TRANSMISSION OUTPUT TORQUE	TTOR-B	Standard	TRANSMISSION OUTPUT TORQUE BASIC		
LUBRICANTS, TRANSMISSION	LUBET-SN	Standard	SYNTHETIC OIL IN TRANSMISSION		
TRANSMISSION OIL COOLER	1390001	Option	TRANS OIL COOLER (INTEGRAL OIL PUMP)		
TRANSMISSION OIL MONITORING	UTOMRF	Standard	WITHOUT TRANSMISSION OIL MONITORING		
GRADE GRIPPER	UHILLST	Option	W/O GRADE GRIPPER		
FRONTAXLE EQUIPMENT					

FRONT AXLE	2401507	Option	14600# (6600 KG) MACK FXL14.6
SPRINGS - FRONT	2441002	Option	STRAIGHT SPINDLE/UNITIZED BEARINGS MACK TAPERLEAF 14600# (6600 KG)
BRAKES - FRONT	2411105	Option	GROUND LOAD RATING, EQUAL BIAS MERITOR "S" CAM TYPE 16.5" x 6" Q+
BRAKE DRUMS - FRONT	BF-DRCAS	Standard	CAST IRON
DUST SHIELDS - FRONT	UFBRDUST	Standard	OMIT FRONT DUST SHIELDS
SLACK ADJUSTERS - FRONT	FBADJ-AH	Standard	HALDEX - AUTOMATIC
BRAKE CHAMBERS - FRONT	FBCM-MGM	Option	FRONT BRAKE CHAMBER MANUFACTURER, MGM
HUBS - FRONT	HUBF-BAS	Option	FERROUS
FRONT AXLE LUBRICANT	6150005	Standard	FRONT AXLE LUBE, FAG NLGI2 GREASE
STEERING	2452215	Option	SHEPPARD HD94 INTEGRAL POWER
REAR AXLE EQUIPMENT			
REAR AXLE	2682114	Option	40000# (18100kg) MERITOR MT40-14X4D HYPOID (LOW ENTRY)
WIDE TRACK AXLE OPTION	RACWD-M	Option	MERITOR DUAL TRACK / DANA SelectTTrac AXLE
LUBE PUMP, REAR AXLE	URALUBEP	Standard	W/O LUBE PUMP AND FILTER
DRIVE AXLE LUBRICANT	6170003	Standard	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL
CARRIER - REAR AXLE	0180998	Standard	VENDOR AXLES
TRACTION DIFFERENTIAL	2540411	Option	INTERWHEEL DIFFERENTIAL LOCK, REAR-REAR AXLE ONLY
POWER DIVIDER LOCKOUT	DLS-BL	Standard	INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
REAR AXLE RATIO	RAT4.11	Option	4.11 RATIO
REAR SUSPENSION	1861515	Standard	MAXLITE 40 EZ (GEN 2) 40,000 lb
BOGIE SPREAD, REAR	BSR1320	Standard	52" AXLE SPACING (BOGIE WHEELBASE)
SUSPENSION LEVELING DEVICE	SUSPL-E	Standard	ELECTRICAL REGULATION LEVELING DEVICE
SUSPENSION PRESSURE DETECTION	USPDLOAD	Standard	WITHOUT SUSPENSION PRESSURE DETECTION
AIR SUSPENSION DUMP WARNING	ASD-SLW	Standard	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
SHOCK ABSORBERS - REAR	RSHABS	Standard	REAR SHOCK ABSORBER
TRANSVERSE TORQUE RODS	TTR-AD	Standard	TRANSVERSE TORQUE ROD - ALL AXLES
AUX.SPRING BRAKE QTY	2370002	Standard	AUX SPRING BRAKE QTY, 4 CHAMBERS
BRAKES - REAR	2539006	Standard	MERITOR "S" CAM - 16.5"x7" Q+ LIGHTWEIGHT BRAKE STAMPED STEEL SPIDERS
BRAKE DRUMS - REAR	BR-DRCAS	Standard	CAST IRON
SLACK ADJUSTERS - REAR	RBADJ-AH	Standard	HALDEX - AUTOMATIC
DUST SHIELDS - REAR BRAKE	UDBRDUST	Standard	OMIT REAR DUST SHIELDS
REAR BRAKE CHAMBER SIZE	RBCS3030	Option	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
BRAKE ORI REAR-MOST DRIVE AXLE	BORIEN	Option	DRUM BRAKE CHAMBER ORIENTATION: Middle Mount - Forward of Axle - Chamber Up
PARKING BRAKE CHAMBER	3009019	Option	MGM TR3030LP3THD BRAKE CHAMBERS
HUBS - REAR	HUBD-PIS	Option	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
ANTILOCK BRAKE SYSTEM	6982002	Standard	MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL 4S4M

AIR SYSTEM VALVE VENDOR	BRV-V4	Standard	BENDIX SWITCHES AND VALVES WHERE POSSIBLE
TRACTION CONTROL DISABLE (CA in PC29 only)	UTCD	Standard	W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH
SPRING BRAKE INVERSION VALVE	SBRAIV	Standard	TRACTOR SPRING BRAKE INVERSION VALVE
FRAME EQUIPMENT/FUEL TANKS			
WHEELBASE	2710213	Option	213"
AF (OVERHANG)	3740056	Standard	56"
FRAME RAILS & LINERS	MCE0004	Option	8 x 90 x 266mm - (0.31" x 3.54" x 10.47"); RBM 1,810,000 LB-IN
FRAME-RUST PREVENTATIVE	UTRUSTP	Standard	W/O RUST PREVENTATIVE OPTION
CROSSMEMBERS	2811000	Standard	STEEL
FRAME RAIL CLEARANCE	UFRF	Standard	W/O FRAME RAIL CLEARANCE
CROSSMEMBERS BEHIND REAR AXLE	UACMR	Standard	W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
REAR CROSSMEMBER OPTIONS	RXM-TAPT	Standard	BOXED AND TAPERED CLOSING CROSSMEMBER FOR USE W/ BUILT IN TAIL LAMPS
TAPERED FRAME RAIL ENDS	RF-TA28T	Standard	FURNISH TAPERED & FLANGED FRAME RAIL ENDS (28 DEG) FOR USE W/BUILT IN TAIL LAMPS
MUD FLAP BRACKETS	RMH-FPA4	Standard	BETTS B87 SERIES WITH CONSPICUITY FEATURE (FMVSS 108)
MUD FLAP, REAR AXLE	URMUFD	Standard	W/O REAR MUD FLAPS
MUD FLAP, FRONT AXLE	FMUD-BAS	Standard	BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)
FRONT BUMPER	BUM-SSBF	Standard	FLUSH-STAINLESS CLAD ALUMINUM
PINTLE HOOK	UCOUPLIN	Standard	W/O PINTLE HOOK
TOWING DEVICE,REAR	UTOWR	Standard	WITHOUT TOWING DEVICE, REAR
TOOL BOX	UTOOLB	Standard	W/O TOOL BOX
FUEL LEVEL SENDER UNIT, LIQUID	FLS-BASL	Standard	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
FUEL TANK - LH	2882093	Standard	93 GALLON (350 L) 26" ALUMINUM ROUND
FUEL TANK - RH	2900000	Option	W/O RH FUEL TANK
FUEL TANKS - BRIGHT FINISH	UFTNKPOL	Standard	W/O BRIGHT FINISH FUEL TANKS
FUEL LINE MATERIAL	FHOS-WBR	Standard	BRAIDED HOSE
FUEL FILLER NECK OPTIONS	8520052	Standard	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP
FUEL SYSTEM - DUAL	FLI-SING	Option	W/O FUEL LINE OPTION
CAB ACCESS STEPS	CSTEP-BA	Standard	STANDARD 2 STEP CAB ACCESS
STEPS (BRIGHT) - FUEL TANK	2230002	Standard	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS
ISOLATE TANK FROM FUEL SYSTEM	UHYTP	Standard	W/O ISOLATED TANK(S)
QUARTER FENDERS	4643000	Option	STAINLESS STEEL QUARTER FENDERS
AIR/BRAKE			
AIR TANK DRAIN VALVE	DRVA-AHC	Option	AUTO DRAIN VALVE, HEATED, ON SUPPLY TANK, W/LANYARDS ON ALL OTHER TANKS
AIR RESERVOIRS	ATANK-ST	Standard	STEEL AIR TANK PAINTED CHASSIS COLOR
RELOCATE AIR RESERVOIRS	1410000	Standard	W/O RELOCATED AIR TANKS
INCREASE AIR CAPACITY	UAUXATNK	Standard	W/O INCREASED AIR RESERVOIR CAPACITY
PARK BRAKE ALARM	UPARKAL	Standard	W/O PARK BRAKE ALARM

PARKING BRAKE VALVE	PBV-YR	Standard	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK
ELECTRICAL			
BACK-UP ALARM	UBUPALAR	Standard	WITHOUT BACK-UP ALARM
DASH MOUNTED SWITCHES	AUXSW-2	Option	TWO (2) EXTRA DASH MOUNTED ILLUMINATED SWITCHES
FOG LAMPS	UFOGLAMP	Standard	WITHOUT FOG LAMPS
ROOF & SIDE MARKER LIGHTS	3120102	Standard	(5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL
WARNING LAMP (CA family in PC29 only)	UWARNLIG	Standard	WITHOUT WARNING LIGHTS
AUXILIARY LAMPS (CA in PC29 only)	UAUXL	Standard	W/O AUX LAMP PROVISIONS
AUXILIARY SPOTLIGHT (CA)	UASL	Standard	W/O SPOTLIGHT
HEADLAMP BULB TYPE	HLB-LED	Standard	HEADLAMP BULB TYPE, LED
DAYTIME RUNNING LIGHTS	LOWB-D7S	Standard	W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED
DRL OVERRIDE SPEED THRESHOLD	DRLOS08	Standard	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)
TAIL LAMPS	TL-LED2	Standard	LED STOP & TAIL LAMPS W/BACKUP LAMP & LICENSE PLATE MTD IN CLOSING CROSSMEMBER
WORK LIGHTS - CHASSIS MOUNTED	UCHAWL	Standard	W/O WORK LIGHTS
TRAILER CONNECTIONS			
FIFTH WHEEL	3303228	Option	AIR - FONTAINE SL7LWB SERIES, LH RELEASE (AVAIL: 6.73",7.24",8.27",9.25",10.24")
FIFTH WHEEL MTG ANGLES/DRILLING	5WM-SLID	Standard	SLIDING 5TH WHEEL MTG, 24" TRAVEL
FIFTH WHEEL ANGLE MATERIAL	FWAM-ST	Standard	STEEL FIFTH WHEEL ANGLES
FIFTH WHEEL ANGLE THICKNESS	5WAT10	Standard	5TH WHEEL ANGLE, 10MM THICKNESS
FIFTH WHEEL OFFSET	FWPN660	Standard	50" BOGIESPREAD = -1" OFFSET, 52" BS = 0", 54" BS = 1", 55" BS = 1.5", 4x2 = -26"
FIFTH WHEEL GUIDE RAMPS	URAMP	Standard	W/O FIFTH WHEEL GUIDE RAMPS
GRD.TO TOP OF FIFTH WHEEL	G5WH1232	Option	1232MM (48.5") GROUND TO 5TH WHEEL TOP HEIGHT
FIFTH WHEEL LEG-HEIGHT (KAX Result)	5WH210	Option	210MM (8.26"), FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX)
TRAILER GLAD HAND COUPLINGS	TBC-NA	Standard	GLAD HAND COUPLINGS - NORTH AMERICAN STD
HAND CONTROL VALVE	TRBRAKE1	Standard	HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS
TRAILER CONNECTIONS	TCP-BOC	Standard	TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB
TRAILER ACCESS PACKAGE	RDECK-SL	Standard	LOW PROFILE DECK PLATE
ELECTRICAL RECEPTICLE PREP, LIFTGATE	UERAP	Standard	WITHOUT ELECTRICAL PREPARATION FOR LIFTGATE
HOSE TENDER/TOWEL BAR	HH-PSTCK	Standard	HOSE TENDER, POGO STICK (CHASSIS MOUNTED)
TRAILER ELECTRICAL RECEPT	3219010	Option	SAEJ560 & ISO3731 TRL. RCPT. BOC W/CMN CTR PINS; GND-WHT & TRLABS-BLUE + SPARE-YLW
TRAILER AIR HOSES	TBH-COL2	Option	TRAILER AIR HOSES (16' COILED TYPE)

TRAILER HOOKUP LIGHT	3229022	Option	SINGLE TRUCKLITE SUPER-44 LED, RECESSED LHS BOC W/RUBBER GROMMET (TLR HOOK-UP		
TRAILER ELECTRICAL CORD	TECC2COL	Option	15' COIL PHILLIPS PRIMARY & AUX. TRAILER CORDS; ROUTE UP CAB/SLEEPER TO TOWEL BAR/POGOSTICK		
TRAILER CONNECTORS HOLDER	TCH2A2E	Option	PHILLIPS #15-042 COUPLING 2 PLUG HOLDER		
LOAD LOCK BRACKETS	ULOADLOK	Standard	W/O OPTIONAL SLEEPER BOX REINFORCEMENT		
PTO					
TRANSMISSION MOUNTED PTO	1890000	Option	VENDOR TRANSMISSION WITHOUT TRANSMISSION MOUNTED PTO		
AMT/AUTOMATIC TRANS PTO FUNCT.	UAPF	Option	WITHOUT AMT/AUTOMATIC TRANSMISSION PTO FUNCTIONS		
HYDRAULIC PUMP	8260000	Standard	WITHOUT HYDRAULIC PUMP		
PTO - CONTROL	PTOTC1PK	Option	TRANSMISSION PTO SWITCH AND LIGHT WITH WIRING AND PIPING FOR LOCAL INSTALLATION		
REAR ENGINE PTO	4160000	Standard	WITHOUT REAR ENGINE POWER TAKE OFF		
BODY BUILDER INTERFACE	B830000	Standard	W/O BODY BUILDER INTERFACE		
SPECIALTY EQUIPMENT					
AUXILIARY POWER UNIT	UAPU	Standard	WITHOUT AUXILIARY POWER UNIT		
AUXILIARY TRANSMISSION (CA)	UAUXTRAN	Standard	WITHOUT AUXILIARY TRANSMISSION		
ON BOARD SCALES (CA)	OBS0000	Standard	W/O ON BOARD SCALES		
AIR UNLOAD SYSTEM	UBULKUA	Standard	WITHOUT AIR UNLOAD SYSTEM		
REAR AXLE BREATHERS	UBREF	Standard	WITHOUT BREATHER FILTER RELOCATION		
COLLISION WARNING SYSTEM - FRONT/SIDE (ACC)	5480000	Standard	W/O COLLISION WARNING SYSTEM		
ACC TIME GAP CONFIG SETTING	UACCTG	Standard	WITHOUT TIME GAP SETTINGS		
LANE SUPPORT SYSTEM (LSS)	MCQ0000	Standard	WITHOUT LANE SUPPORT SYSTEM		
ACC / LSS -- VOLUME LEVEL SETTINGS	MCT0000	Standard	WITHOUT ACC / LSS SYSTEMS		
ACC / LSS / BLIND SPOT -- AUDIO CONTROL TYPE	MCU0000	Standard	WITHOUT ACC, LSS, OR BLIND SPOT DETECTION SYSTEMS		
DATA CAPTURE	UDATAC	Standard	WITHOUT DATA CAPTURE		
SURVEILLANCE CAMERA OPTIONS (CA)	UCAMS	Standard	WITHOUT CAMERA		
UNIQUE DECALS MACHINE DIRECTIV (CA in PC29 only)	SIGN-SUH	Option	DECALS READING: ("CAUTION SUSPENSION MUST BE LOWERED BEFORE DUMP BODY IS LIFTED")		
CAB INTERIOR (A THRU G)					
SPEEDOMETER -&- GAUGES - UNIT(s) OF MEASURE	1980001	Standard	U.S. UNITS (PREDOMINANT)		
GAUGE - PACKAGE, SECONDARY	U2GAUGE	Standard	WITHOUT SECONDARY GAUGE PACKAGE		
GAUGE OIL TEMP-REAR AXLE	UGOTRA	Option	WITHOUT REAR AXLE OIL TEMPERATURE GAUGE		
AUX.INCAB PNEUMATIC LINE	APNOUTC	Option	AUX. INCAB PNEUMATIC LINE CLEANOUT		
AIR CONDITIONING/HEATER	1731002	Standard	BLEND AIR HVAC W/"ATC" TEMP REGULATION		
CUPHOLDER	CUPHOLD	Standard	CUPHOLDER		
DOME LAMP, INTERIOR	DL-BS2R	Standard	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED		
DASH INDICATOR - LAMP BODY OUT OF POS	UDIL	Standard	W/O OPTIONAL DASH MTD. LIGHT		

FIRE EXTINGUISHER	7860105	Option	5LB (ABC RATED) MOUNTED BETWEEN DRIVER SEAT BASE AND DOOR VALVE AIMED REARWARD		
FLOOR COVERING	1840007	Standard	POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS		
CAB INTERIOR (H THRU R)					
INSTRUMENT CLUSTER LANGUAGE	C520007	Standard	DEFAULT: ENGLISH, SPANISH, FRENCH		
KEY TYPES FOR DOORS	KEY-BAS	Standard	ALL CHASSIS KEYED AT RANDOM		
KEYLESS ENTRY	DOP-MAN	Standard	W/O ELECTRONIC KEYLESS ENTRY		
OVERHEAD CONSOLE	FOHS3BAS	Standard	COMPARTMENT W/NET		
PERSONALIZED NAME PLATE	UPNPLATE	Standard	W/O PERSONALIZED OPTION		
RADIO/RADIO ACCOMMODATION	1746111	Standard	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH WITHOUT INFOTAINMENT		
INFOTAINMENT SERVICES / FEATURES	MAS0000	Standard			
RADIO - ANTENNA	ANR-MR	Standard	48" ANTENNA RIGHT SIDE MIRROR MOUNTED		
RADIO ANTENNA - CB	ANT-CBML	Option	48" ANTENNA LEFT SIDE MIRROR MOUNTED		
AUDIO SHUTOFF	UAUDOFF	Option	W/O AUTO RADIO SHUTOFF OPTION		
RADIO - BINDING POSTS FOR CB	PWL5WH	Standard	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE		
AUDIO SPEAKER LOCATION	SPK-IDM	Standard	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL		
RADIO - CB	UCRADIO	Standard	W/O CB RADIO		
RADIO - CB RADIO MOUNTING	CBM-OS	Standard	MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE		
REAR WINDOW	AWIND-RF	Standard	REAR WINDOW (FIXED TYPE)		
REAR WALL STORAGE COMPARTMENT	RWSTC-FI	Standard	STORAGE POUCH REAR		
REFLECTOR KIT	7840000	Standard	W/O REFLECTOR KIT OPTION		
CAB INTERIOR (S THRU Z)					
INTERIOR TRIM LEVELS	0041110	Standard	COMFORT TRIM PACKAGE, STEEL GRAY (Package 11A)		
SEAT - DRIVER'S	1963140	Option	MACK-AIR, HIGH BACK, 4 CHAMBER AIR LUMBAR, BOLSTER, EXTENSION		
SEAT COVERING - DRIVER'S	MAP2004	Option	DRIVER'S SEAT - STEEL GREY VINYL / CLOTH MIX		
SEAT - PASSENGER'S	1973000	Standard	MACK-FIXED, HIGH BACK		
SEAT COVERING - PASSENGER'S	MAQ2004	Option	PASSENGER'S SEAT - STEEL GREY VINYL / CLOTH MIX		
SEAT - DUST COVER(S)	SSDC-DS	Option	SEAT, DUST COVER FOR DRIVER'S SEAT		
SEAT ARM REST(S)	ARMRE-BS	Option	INBOARD MOUNTED ARM REST, DRIVER'S & RIDER'S SEAT		
SEAT BELT(S)	5920005	Standard	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT		
SEAT BELT WARNING INDICATOR	SEATBRIA	Standard	SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO		
STARTER SWITCH	IGT-KEY	Standard	KEY TYPE		
STEERING WHEEL	1610020	Standard	2 SPOKE URETHANE GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES		
WINDSHIELD TYPE	WIND-SP	Standard	TWO PIECE WINDSHIELD		
CAB GLASS	1450001	Standard	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)		
WINDSHIELD WIPERS	1480011	Standard	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE		
CAB - SLEEPER BOX					
SLEEPER BOX	0160000	Standard	Day Cab (No Sleeper)		

SLPR. BOX - REFRIGERATOR PROV	UREFRIG	Standard	W/O SLEEPER BOX REFRIGERATOR		
CAB EXTERIOR					
PERMIT PLATE	UPERP	Standard	W/O PERMIT PLATE OPTION		
EMBLEMS OPTION	EMB-CPL	Standard	W/O MISC ORNAMENT CHANGE OPTION		
HOOD LATCH TYPE & FINISH	MCY0002	Standard	STRAP TYPE HOOD LATCH WITH BLACK FINISH		
EXTERIOR TRIM FINISH AND PACKAGES	MCG0013	Standard	PINNACLE BLACK AIR INTAKE		
GRILLE	4000023	Standard	HERITAGE DESIGN CHROME GRILLE W/ BLACK BACKGROUND		
PASSENGER SIDE VISIBILITY OPTIONS	MCD0020	Standard	AUXILIARY WINDOW IN RH DOOR		
GRAB HANDLES	5870108	Standard	PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST		
HORN - AIR	1540002	Option	(2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)		
HORN - ELECTRICAL	HORN-E2D	Standard	DUAL TONE		
MIRRORS - EXTERIOR	1529045	Option	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED AND ILLUMINATED W/INTEGRAL CONVEX MIRROR		
MIRRORS - CONVEX TYPE	1530000	Standard	OMIT CONVEX MIRRORS		
CAB DOORS					
MIRROR - CONVEX HOOD & FENDER	15H2003	Option	8" ROUND BF FENDER MTD W/SS BRACKETS & ADJ. ARMS R.H. & L.H. (Same as 15H2001)		
SUN VISOR - EXTERIOR	1570001	Option	SUN VISOR, EXTERIOR, FIBERGLASS (PAINTED)		
REFLECTORS - BACK OF CAB	UAUXREF	Standard	W/O ADDITIONAL REFLECTORS		
AERODYNAMIC DEVICES					
CAB AERODYNAMIC PACKAGES	1590000	Standard	WITHOUT CAB AERODYNAMIC DEVICES		
FRONT CHASSIS AERODYNAMIC PACKAGE	MCM0000	Standard	WITHOUT FRONT AERODYNAMIC FAIRINGS		
CAB SKIRT	CSK0000	Standard	W/O CAB SKIRT		
REAR CHASSIS AERODYNAMIC PACKAGE	MCK0000	Standard	WITHOUT REAR AERODYNAMIC FAIRING		
WHEELS & TIRES					
TIRES BRAND/TYPE - FRONT	9006363	Option	11R22.5 H MICHELIN XZE2 (13220 lbs)		
WHEELS - FRONT	5311520	Option	22.5x8.25 ACCURIDE ACCU-LITE 51487x WHITE POWDER COAT STEEL, 6.60" OFFSET, 5 HAND HOLE		
TIRES BRAND/TYPE - REAR	9016342	Option	455/55R22.5 M MICHELIN X ONE XZUS (23400 lbs) (ALL POSITION)		
WHEELS - REAR	3463825	Option	22.5x14.00 ALCOA 84U61x HIGH POLISHED ALUMINUM, 0.00" OFFSET, 10 HAND HOLE		
VALVE STEMS & CAPS	VALVESTD	Standard	STANDARD VALVE STEMS AND CAPS		
SPARE WHEEL	USPWT	Standard	W/O SPARE WHEEL, W/O SPARE TIRE		
FRONT HUB/WHEEL TRIM	MCH0000	Standard	WITHOUT FRONT HUB/WHEEL TRIM		
REAR HUB/WHEEL TRIM	MCI0000	Standard	WITHOUT REAR HUB/WHEEL TRIM		
WHEEL GUARDS - FRONT	UHWIF	Standard	W/O FRONT WHEEL GUARD OPTION		
WHEEL GUARDS - REAR	UHWID	Standard	W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM		
WHEEL NUT & FINISH - FRONT (CA)	WNFF-BAS	Standard	WHEEL NUT BASIC FINISH, FRONT		

WHEEL NUT & FINISH - REAR (CA)	WNFR-BAS	Standard	WHEEL NUT BASIC FINISH, REAR
HYDRAULIC JACK	2820000	Standard	W/O HYDRAULIC JACK
WRENCH, WHEEL	UWRENCH	Standard	WITHOUT WHEEL (LUG) WRENCH
COMMUNICATION SYSTEMS			
CO-PILOT - DISPLAY	DFA-LIM	Standard	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1
FEATURES ACCESS LEVEL			
FLEET TRIP MANAGEMENT	UFTMAN	Standard	WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL
COMMUNICATION/TRACKING DEVICE	6210000	Standard	W/O NAVIGATION/COMM DEVICE
TELEMATIC GATEWAY	M300004	Standard	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
SOFTWARE DOWNLOAD PASSWORD	USWPASS	Standard	WITHOUT SOFTWARE DOWNLOAD PASSWORD
ENGINE ELECTRONICS			
ENGINE FUEL ECONOMY SETTINGS -- SOFTWARE PACKAGES	MAT0000	Standard	WITHOUT ENGINE SOFTWARE SETTINGS
SHUTDOWN-ENG.OIL PRESSURE	OPRESHUT	Standard	OIL PRESSURE, ENGINE SHUTDOWN
SHUTDOWN-ENG.COOLANT LVL.	UCLEVSHU	Standard	WITHOUT COOLANT LEVEL ENGINE SHUTDOWN
SHUTDOWN-ENG.COOLANT TEMP	CTEMSHUT	Standard	COOLANT TEMP, ENGINE SHUTDOWN
ENG /OIL TEMP SHUTDOWN	ENGPROT	Standard	ENGINE PROTECTION (SHUTDOWN)
FAN ENGAGEMENT TIME-MOVING	UFANCMT	Standard	WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING
FAN ENGAGEMENT TIME-A/C	UFCACT	Standard	WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING
LOW IDLE ENGINE RPM	IDLE600	Standard	IDLE CONTROL, 600 RPM
LOW IDLE RPM ADJUSTMENT	ULOWIADJ	Standard	WITHOUT LOW IDLE RPM ADJUSTMENT
SMART ENG.IDLE	UENID	Standard	WITHOUT ENGINE IDLE ADJUST
IDLE RPM UP W/LOW VOLTAGE	IBC010	Standard	INCREASE 10 MINUTE MAXIMUM TIME
IDLE S/D ABS TAMPER CHECK	ISDTC-E	Standard	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
ENGINE IDLE COOLDOWN	UEIDLEC	Standard	ENGINE IDLE COOLDOWN, DISABLE
IDLE SHUTDOWN	EIDLESD	Option	ENGINE IDLE SHUTDOWN, ENABLE
ENGINE IDLE SHUTDOWN TIME	ISD04	Option	IDLE SHUTDOWN TIME 4 MIN.
IDLE S/D WARNING TIME	UISDW	Standard	WITHOUT IDLE S/D WARNING TIME
IDLE S/D IF WARM-UP TEMP	WTEND38	Standard	38C DEG (100F), WARM UP TEMP DELAY
IDLE S/D WARM-UP TIMER	WTIMD005	Standard	5 MIN. WARM UP TIME DELAY
IDLE S/D IF EHT ACTIVE	UISDEHT	Standard	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE
IDLE S/D IF PTO ACTIVE	UISDPTO	Standard	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF PTO ACTIVE
IDLE SHUTDOWN IF POWER > LIMIT	ISDOVTO	Standard	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
IDLE S/D OVERRIDE %ENGINE LOAD	ISDOT20	Standard	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
IDLE SHUTDOWN CONTROL	UISSC	Standard	WITHOUT IDLE SHUTDOWN CONTROL
AMBIENT TEMP MIN TRESHOLD	ATMINT16	Standard	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
AMBIENT TEMP MAX TRESHOLD	ATMAXT27	Standard	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
EHT, MAX ROAD SPEED	EHTR16	Standard	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KM/H (10 MPH)

EHT, MAX ENG SPEED	EHTX1000	Standard	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 1000 RPM		
EHT, MIN ENG SPEED	EHTM700	Standard	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM		
EHT, SPEED RAMP RATE	UEHTRR	Standard	WITHOUT ELECTRONIC HAND THROTTLE, SPEED RAMP RATE		
EHT, SGL SPEED CNTRL	UEHTSSC	Standard	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL		
EHT, SINGLE SPEED SET	UEHTSS	Standard	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING		
EHT, JUMP TO MIN ENG SPEED	UEHTJMIS	Standard	WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED		
EHT HOLD TO NEAREST RPM	UEHTH	Standard	WITHOUT ELECTRONIC HAND THROTTLE HOLD		
EHT ACCEL BUMP-UP RPM	UETHU	Standard	WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"		
EHT DECEL BUMP-DOWN RPM	UEHTD	Standard	WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"		
TRANSMISSION ELECTRONICS					
TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	M050000	Option	W/O TRANSMISSION SHIFT SETTINGS		
ECONO ROLL	M080002	Option	ECONO ROLL DISABLE mDRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)		
mDRIVE MACK PREDICTIVE CRUISE	UPVT	Option	WITHOUT MACK PREDICTIVE CRUISE		
mDRIVE MACKCELLERATOR	UTKDM	Option	MACKCELLERATOR DISABLE		
SHUTDOWN-TRANS. TEMP.	UTRAPROT	Standard	WITHOUT TRANSMISSION PROTECTION		
TRANSMISSION ELECTRONICS PACKAGE	7790000	Standard	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)		
TRANSM AUTO NEUTRAL ON P-BRAKE	UTANP	Option	NO PARK BRAKE AUTO NEUTRAL FEATURES – Manual Transmissions ONLY		
TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	MAV0000	Standard	W/O ALLISON FUELSENSE 2.0 PROGRAMMING		
VEHICLE ELECTRONICS					
ROAD SPEED LIMIT (RSL)	SPEED113	Option	113 KM/H ROAD SPEED LIMITER (70MPH)		
PEDAL SPEED LIMITER	PRSL101	Standard	101 KM/H PEDAL ROAD SPEED LIMITER (63MPH)		
CRUISE CONTROL	CRUISEC	Standard	CRUISE CONTROL		
CRUISE CONTROL, MAX SPEED	CCM113	Option	MAX CRUISE, 113 KPH (70 MPH)		
CRUISE CONTROL MIN SPEED	CCMI32	Standard	MIN CRUISE, 32 KPH (20 MPH)		
CRUISE RESUME WITH CLUTCH	UCRUISRC	Option	WITHOUT CRUISE RESUME WITH CLUTCH		
ENG BRAKE ENGAGE IN CRUISE	EBREC3A	Standard	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED		
LOWER GEAR RD.SPD.LMT.OPT	ULGVLF	Standard	WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE		
LOW GEAR LIMITING SPEED	UGVLS	Standard	WITHOUT LOW GEAR VEHICLE LIMITING SPEED		
ROAD SPEED LIMIT CONTROL TYPE	RSL-NORM	Standard	RSL CONTROL TYPE NORMAL		
PDLO ENGAGED VLS	PDLO8	Standard	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)		
DIFF LOCK SPEED LIMIT	DFLKL24	Option	DIFFERENTIAL LOCK ROAD SPEED LIMIT 24KMH (15MPH)		
MAXIMUM ENG SPEED AT 0 MPH	MESZ1000	Standard	1000 MAXIMUM ENGINE SPEED AT 0 MPH		
SPEED SENSOR TAMPERING DETECTION	DSST-E	Standard	DETECTION OF SPEED SENSOR TAMPERING, ENABLE		
PWR.LIMIT LVL.-MPH SENSOR	ETOL50ST	Standard	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED		

VEHICLE ACCELERATION LIMITING	ACCLF-D	Standard	ACCELERATION LIMITING FEATURE, DISABLED		
1ST RATIO FOR REDUCED HIGH IDLE	U1RHI	Standard	WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE		
LAST RATIO FOR FULL HIGH IDLE	ULFHI	Standard	WITHOUT LAST RATIO FOR FULL HIGH IDLE		
DRIVER ID FUNCTION	DIDF-DIS	Standard	DRIVER ID FUNCTION, DISABLED		
DRIVER ID, RESET TIMER	UDIDRT	Standard	WITHOUT RESET DRIVER ID TIMER		
DRIVER ID, ALERT TIMER	UDIDAT	Standard	WITHOUT DRIVER ID ALERT TIMER		
BODY CONTROL PACKAGE (CA)	C7C-Z1X	Standard	WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS		
DRIVER PERFORMANCE & BONUS PARAMETERS	UDRP	Standard	WITHOUT DRIVER PERFORMANCE PARAMETERS		
SWEET SPOT TARGET %	USST	Standard	WITHOUT SWEET SPOT TARGET %		
IDLE TIME TARGET %	UITT	Standard	WITHOUT IDLE TIME TARGET %		
PERFORMANCE BONUS CALCULATION DISTANCE INTERVAL	UFECD	Standard	WITHOUT PERFORMANCE BONUS CALCULATION DISTANCE INTERVAL		
PERFORMANCE REWARD (SPEED LIMIT INCREASE)	UFERSLI	Standard	WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE		
DATAMAX ENGINE OVERSPEED-COMPANY	EOSA2200	Standard	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM		
DATAMAX ENGINE OVERSPEED-FUEL	EOSF2100	Standard	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM		
DATAMAX VEHICLE OVERSPEED-ALL	VOSAC75	Standard	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)		
DATAMAX VEHICLE OVERSPEED-FUEL	VOSF70	Standard	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)		
DATAMAX IDLE LOG DELAY	EIDL00	Option	ENGINE IDLE DELAY TO START LOG, 0 MIN (NO DELAY)		
PERIODIC TRIP LOG HOUR OF DAY	UPTLOGH	Standard	WITHOUT PERIODIC TRIP LOG, HOUR		
PERIODIC TRIP LOG DAY OF WEEK	UPTLOD	Standard	WITHOUT PERIODIC TRIP LOG, DAY OF WEEK		
PERIODIC TRIP LOG DAY OF MONTH	PTLOM01	Standard	PERIODIC TRIP LOG, DAY 1 OF THE MONTH		
GUARDDOG MAINT. MONITORING	USAS	Standard	WITHOUT SERVICE ALERT SYSTEM		
PTO ELECTRONICS					
FAN ENGAGEMENT DUE TO PTO	UFANEPTO	Standard	WITHOUT FAN ENGAGEMENT DUE TO PTO		
TRANS PTO1 SPLITTER RANGE	UPTO1SR	Option	W/O PTO1 FOR SPLITTER RANGE		
TRANS PTO2 SPLITTER RANGE	UPTO2SR	Option	W/O PTO2 SPLITTER RANGE		
PTO 1ST, SINGLE SPEED CONTROL	UPTO1SSC	Standard	WITHOUT PTO 1ST, SINGLE SPEED CONTROL		
PTO1 SINGLE SPEED CONTROL RPM.	U1PTOSS	Standard	WITHOUT PTO 1ST, SINGLE SPEED SETTING		
PTO 1ST, MAX ROAD SPEED	U1PTOMXS	Standard	WITHOUT 1ST PTO, MAX ROAD SPEED		
PTO 1ST, SPEED RAMP RATE	U1PTORR	Standard	WITHOUT PTO 1ST, SPEED RAMP RATE		
PTO 1ST, MAX ENGINE SPEED	U1PMXES	Standard	WITHOUT PTO 1ST, MAX ENGINE SPEED		
PTO 1ST, ROAD SPEED LIMIT	U1PRSL	Standard	WITHOUT PTO 1ST, ROAD SPEED LIMIT		
PTO 1ST,JUMP TO MIN ENG SPEED	U1PJMIS	Standard	WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED		
PTO 1ST, MINIMUM ENGINE SPEED	U1PMIES	Standard	WITHOUT PTO 1ST, MINIMUM ENGINE SPEED		
PTO 1ST,AUTO SET SINGLE SPEED	U1PTOASP	Standard	PTO 1ST, AUTO SET SINGLE SPEED, DISABLE		
PTO1 HOLD TO NEAREST RPM	UPTO1H	Standard	WITHOUT PTO1 HOLD		

PTO1 ACCEL BUMP-UP RPM	UPTO1U	Standard	WITHOUT PTO1 ACCEL "BUMP-UP"
PTO1 DECEL BUMP-DOWN RPM	UPTO1D	Standard	WITHOUT PTO1 DECEL "BUMP-DOWN"
PTO 2ND, SINGLE SPEED CONTROL	UPTO2SSC	Standard	WITHOUT 2ND PTO, SINGLE SPEED CONTROL
PTO 2ND, SINGLE SPEED SETTING	U2PTOSS	Standard	WITHOUT PTO 2ND, SINGLE SPEED SETTING
PTO 2ND, MAX ROAD SPEED	U2PTOMXS	Standard	WITHOUT 2ND PTO, MAX ROAD SPEED
PTO 2ND, SPEED RAMP RATE	U2PTORR	Standard	WITHOUT PTO 2ND, SPEED RAMP RATE
PTO 2ND, MAX ENGINE SPEED	U2PMXES	Standard	WITHOUT PTO 2ND, MAX ENGINE SPEED
PTO 2ND, ROAD SPEED LIMIT	U2PRSL	Standard	WITHOUT PTO 2ND, ROAD SPEED LIMIT
PTO 2ND,JUMP TO MIN ENG SPEED	U2PJMIS	Standard	WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED
PTO 2ND, MINIMUM ENGINE SPEED	U2PMIES	Standard	WITHOUT PTO 2ND, MINIMUM ENGINE SPEED
PTO 2ND,AUTO SET SINGLE SPEED	U2PTOASP	Standard	PTO 2ND, AUTO SET SINGLE SPEED, DISABLE
PTO2 HOLD TO NEAREST RPM	UPTO2H	Standard	WITHOUT PTO2 HOLD
PTO2 ACCEL BUMP-UP RPM	UPTO2U	Standard	WITHOUT PTO2 ACCEL "BUMP-UP"
PTO2 DECEL BUMP-DOWN RPM	UPTO2D	Standard	WITHOUT PTO2 DECEL "BUMP-DOWN"
PAINT			
PAINT DESIGN	9501100	Standard	SINGLE COLOR
PAINT TYPE	9240001	Standard	SOLID PAINT
PAINT COLOR - FIRST COLOR	9442007	Standard	MACK WHITE; P9188
PAINT COLOR - SECOND COLOR	9451000	Standard	NO SECOND TRUCK COLOR PROVIDED; NO COLOR
PAINT COLOR - THIRD COLOR	9461000	Standard	NO THIRD TRUCK COLOR PROVIDED; NO COLOR
PAINT - CAB PAINT SYSTEM	9960002	Standard	PAINT - CAB, URETHANE CLEAR COAT
CAB COLOR	MPB0944	Standard	SAME AS FIRST COLOR - CAB
HOOD COLOR	MPD0944	Standard	SAME AS FIRST COLOR - HOOD
CHASSIS FAIRING COLOR	9430000	Standard	WITHOUT CHASSIS FAIRINGS
SUN VISOR COLOR	9661944	Option	SAME AS FIRST COLOR - SUN VISOR
MIRROR COVER COLOR	9400000	Option	WITHOUT MIRROR COVER PAINT
ROOF FAIRING COLOR	MPA0000	Standard	WITHOUT ROOF FAIRING
CHASSIS RUNNING GEAR	9512006	Standard	MACK BLACK (URETHANE); P3036
BUMPER	9580000	Standard	W/O OPTIONAL BUMPER PAINT
FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	9590000	Standard	W/O OPTIONAL FUEL TANK PAINT
HUBS & DRUMS-FRONT	9629902	Standard	SAME AS CHASSIS RUNNING GEAR
HUBS & DRUMS-REAR	9639902	Standard	SAME AS CHASSIS RUNNING GEAR
CALCULATED CODES - KAX			
PROPCALC SELECTION	PROPCALC	Standard	YES, THE ORDER MUST BE CALCULATED
AUTO ROUTING & CLIPPING, CENTER	ARC-CS	Option	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION
BASE WARRANTY & PURCHASED COVERAGES			
VEHICLE WARRANTY TYPE	8980002	Standard	NORMAL DUTY WARRANTY CLASSIFICATION
BASIC CHASSIS COVERAGE	M501000	Standard	NORMAL DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (160,934 KM)
EMISSION - SURCHARGE	M830400	Option	EPA (only) for Mack MP7 / MP8 Diesel

ENGINE WARRANTY	M511001	Standard	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)		
EMISSION COMPONENT COVERAGE	M521001	Standard	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)		
ENGINE AFTERTREATMENT SYSTEM	M530000	Standard	W/O MACK ENGINE AFTERTREATMENT PROTECTION PLAN		
TRANSMISSION WARRANTY	M541008	Option	36/350K MI: EATON TRANSMISSION STANDARD NORMAL AND HEAVY DUTY COVERAGE		
mDRIVE CLUTCH PROTECTION PLAN	M710000	Standard	WITHOUT mDRIVE CLUTCH PROTECTION PLAN		
CARRIER & AXLE HOUSING WARRANTY	M551004	Standard	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563.00 KM)		
AIR CONDITIONING WARRANTY	M561000	Standard	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE		
CHASSIS TOWING WARRANTY	M571000	Standard	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES		
ENGINE TOWING WARRANTY	M581000	Standard	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)		
ALTERNATOR & STARTER WARRANTY	M610000	Standard	W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE		
STARTER WARRANTY	M590000	Standard	W/O STARTER PURCHASED COVERAGE		
ALTERNATOR WARRANTY	M600000	Standard	W/O ALTERNATOR PURCHASED COVERAGE		
GUARDDOG CONNECT BUNDLE	M692005	Standard	NO GUARDDOG CONNECT (ASIST & MACK ONECALL)		
SERVICE AGREEMENTS	M650000	Standard	W/O SERVICE AGREEMENT		
CUSTOM/BUNDLED PURCHASE COVERAGE OPTIONS	M990000	Standard	W/O CUSTOM/BUNDLED PURCHASE COVERAGE OPTION		
SERVICES					
MACK ONECALL AND ASIST	S02M010	Standard	NO MACK ONECALL BUNDLE		
MACK INTEGRATED UPTIME	S03M011	Standard	MACK INTEGRATED UPTIME - 24 MONTHS		
FLEET INTEGRATION	S05M010	Standard	WITHOUT FLEET INTEGRATION		
PARTNERED SERVICES	S06M400	Standard	NO PARTNERED SERVICES PROVIDED		
Total(\$)					

GrossTotal(\$)					
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Sales Calc Summary

Customer

Your ref.

MATT FLEMING

Quote no.

NEXT2023000298C117

Alternative Id

1

Date

10/26/2023

Customer no

Order Date

Org No

Calculation Summary

	Qty	List Price	Net Price	GP	%	Sales Price
PINNACLE 64T DAYCAB						Price List 7/17/2023
Vehicle Total						
Model						
Options						
Soft Offers And Warranty						
<i>EMISSION - SURCHARGE</i>						
<i>TRANSMISSION WARRANTY</i>						
Total Sum of Sales (Excl. Tax)						
Total Price (Excl. Tax) (\$)						

Lee County Solid Waste (LCSW) PTO Specification

Premium Muncie TG Series Power Take Off System. PTO system shall meet the following specification and may be inspected by Lee County, at dealer location, prior to scheduling delivery.

Premium Muncie Power Take-Off System **MUST** be installed and configured in accordance with the current LCSW design. Installation and/or configuration variances will be corrected by the dealer at no additional cost to LCSW. Dealer is advised and urged to inspect the PTO installation and configuration on the existing 6x4 road tractors prior to installation and delivery. To ensure proper installation, the PTO systems on the existing LCSW 6x4 road tractors will be made available for inspection by the dealer by appointment only.

Below is a summary of critical items that must be included and/or addressed to meet this specification:

- # CJ3576 - 55gal epoxy coated & high impact undercoated steel hydraulic tank; vented with sight glass/temperature gauge installed.
- Hydraulic tank mounting brackets & straps are to be coated with high impact undercoating.
- All hoses secured with clamps must be secured using heavy duty constant pressure clamps.
- ON & OFF valves for the hydraulic tank must be heavy duty high pressure ball valves.
- Any blind plugs used must be a single plug.
- All wire ties used must be heavy duty – resists weather & UV.
- Hydraulic tank must be filled to 75% or to the 3/4 full mark.
- # FHP-50044A – Single filter 10 micron spin on type on the return side.
- # 6105-20 - Parker hyd. nipple
- # 6125-16 - Parker hyd. wing-nut coupler
- # MNTG8BU6808P1PX – Munciept Kit
- # MNHKCKU2129 – Hose Kit
- # MN20010043CK17 – Combo Kit
- # MNASCS105 – Air Console Kit
- # MN13MK5701 – Gasket Kit
- Return hoses from filter/tank to valves/couplers – inside diameter (ID) must be 1.5”
- PTO control tower to be mounted with grade 8 bolts and self locking nuts.
- ALL Hydraulic Nipples, hydraulic hose connections, air connections or any type of threads must be sealed with (*LOCTITE 545 SEALANT.*) ****DO NOT USE ANY TEFLON SEALANT ON ANY HYDRAULIC CONNECTIONS! ****
- PTO diverter valve shall be mounted on the passenger side rear of cab 24” above deck plate.
- PTO must be integrated & communicate to truck ECM. – When PTO is engaged the following functions must be enabled;
 - PTO warning light must activate.
 - PTO warning buzzer must activate.
 - Road speed MAX 10-MPH - PTO must disengage if speed exceeds 10-MPH.
 - Engine RPM MAX 1400-RPM – PTO must disengage if RPMs exceed 1400.
 - PTO percentage of load shall be set between 10-15% to ensure idle shut down when empty.
 - PTO must activate via switch on dash and RPMs controlled via cruise control and/or accelerator pedal.
- If truck comes with one fuel tank - hydraulic tank must be mounted to the opposite side of truck where fuel tank is mounted for proper weight distribution.

PLEASE LIST ANY REQUIRED MODIFICATIONS or MFG. LIMITATIONS: Wetline kit to be installed by Nextran per quotation of these specifications on a PI64T model.

Supplemental Specification Sheet for - 6x4 Road Tractors

Quoted Trucks will meet the vehicle specifications as provided and include the following items and modifications.

Please confirm the following dealer installed and/or specification clarifying items:

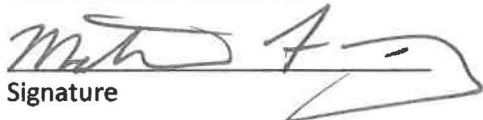
1. Service and parts manuals will be provided on CD ____; hard copy ____; or web based ? *Not available in hard copy.*
2. Dual purpose Wetline Kit: Walkingfloor & Dump Trailer (PTO) will comply with County specifications? . (Current PTO spec sheet is attached below)
3. Dealer has inspected existing trucks & confirmed placement and configuration of PTO system .
4. Fifth wheel to be Fontaine with no less than 9.75" height above frame. .
5. Brake air hoses to be Phillips "Power Grip Hoses" model #11-3150 .
6. Phillips #15-042 Two Plug, Two Glad-hand Holder "Hose Tender" .
7. POGO stick with heavy-duty mounting .
8. Provide 3 sets of keys .
9. Step/Toolbox: Merritt part #462 W/Fold-down handle, part#3518 or approved equivalents. .
10. Deck Plate Package between cab & fifth wheel. (2) #054-00221 & (1) #054-00220 or approved .
11. Deck plates will be flush mounted using (3) hardware kits #051-00077 .
12. Exhaust pipe to be turned out 45° from cab .
13. Electronic parameters included in Manufacture specification will be set County specifications prior to delivery .

Dealership Sales Personnel agrees ALL listed on Supplemental Specification Sheet for - 6x4 Road Tractors and Lee County Solid Waste (LCSW) PTO Specification will be completed as listed.

1/17/24

Date

Matt Fleming Sales
Print Name & Position Title


Signature