

TECHNICAL SPECIFICATION

GRANITE 64BR



N4842

			WEIGHT (LB)	
MODEL DEFINING	DESCRIPTION		FRONT	REAR
S	PRICE BOOK LEVEL	2026DF Pricebook	0	0
S	VOLTAGE	ELECTRICAL SYSTEM 12 VOLT	0	0

			WEIGHT (LB)	
APPLICATION PACKAGES	DESCRIPTION		FRONT	REAR
S	BODY BUILDER PACKAGE	WITH EVEREST 19 1/2 BODY BUILDER PKG	0	0

			WEIGHT (LB)	
CUSTOMER/VEHICLE INFO	DESCRIPTION		FRONT	REAR
S	CHASSIS (BASE MODEL)	GRANITE 64BR	4,857	1,848
S	ASSEMBLY PLANT	LEHIGH VALLEY OPERATIONS, MACUNGIE, PA	0	0
	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND	0	0
S	TYPE OF SERVICE	COMMERCIAL	0	0
S	WARRANTY REGISTRATION LOCATION	CANADA - WARRANTY REGISTRATION LOCATION	0	0
	EMISSION WARRANTY CERTIFICATION	EPA (only) for Mack MP7 / MP8 Diesel	0	0
	Order Subject to Meeting All Mack Policies, Terms and Conditions, INTENDED REGISTRATION LOCATION	Including but not Limited to Applicable CARB and/or Section 177 States' Regulation requirements QUEBEC	0	0
S	INITIAL REGISTRATION LOCATION	CANADA REGISTRATION	0	0
	BRAND ORNAMENT	BULLDOG, CHROME	0	0
	LANGUAGE-PUBS/DECAL/SIGNS	FRENCH	0	0
S	ROAD CONDITION	WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE	0	0
	VEHICLE USE & BODY/TRAILER TYPE	DUMP TRUCK	0	0
	TRAILER TYPE	FIXED DRAWBAR TRAILER AND CENTERED AXLES	0	0
	GROSS COMBINATION WEIGHT (CA in PC29 only)	100,000 LB (45 TONNES) GROSS COMBINATION WEIGHT	0	0
S	BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)	0	0
	TOPOGRAPHY	GRADES <6% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 16%	0	0
S	AMBIENT TEMP UPPER LIMIT	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR	0	0
S	OPERATING TERRAIN GRADE CONDITIONS	ON-OFF HIGHWAY, STARTING GRADES<18%	0	0
	LOADING SURFACE FACTOR	GRAVEL LOADING AND / OR UNLOADING SURFACE	0	0
	VEHICLE VOCATION	CONSTRUCTION SERVICE	0	0

			WEIGHT (LB)	
ENGINE/TRANSMISSIONS	DESCRIPTION		FRONT	REAR
	ENGINE / MOTOR	MP8-505C MACK 505HP @ 1500-1700 RPM (PEAK) 2100 RPM (GOV) 1850 LB-FT, US'21	2,902	-264
S	GHG APPLICATION, VEHICLE	GREEN HOUSE GAS VOCATIONAL APPLICATION	0	0
S	TRANSMISSION	MACK TMD13AFO-HD mDRIVE HD 13 SP, CREEPER/ MULTI-SPEED REVERSE (OVERDRIVE)	578	192
S	GEARBOX 12TH GEAR LOCK-OUT	WITHOUT 12TH GEARBOX GEAR LOCK-OUT	0	0

TECHNICAL SPECIFICATION (cont.)



			WEIGHT (LB)	
EXHAUST/EMISSIONS	DESCRIPTION		FRONT	REAR
	NOX LIMITS	CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance	0	0
S	IDLE EMISSION LABEL LOCATION (CA in PC29 only)	IDLE EMISSION LABEL LOCATION, LOWER LH CORNER OF DRIVER DOOR	0	0
S	DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21	0	0
	CHASSIS MOUNTED EMISSIONS FINISH	W/O DEF COVER & STAINLESS STEEL DPF COVER	0	0
	DIESEL EXHAUST FLUID TANK	8.7 GALLON (33 L) 26" LEFT SIDE FUEL TANK MTD	84	45
S	EXHAUST	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT END	0	0
CA	EXHAUST STACK HEIGHT	10' 2" FROM GROUND	0	0
	EXHAUST - BRIGHT FINISH	SINGLE, BRIGHT FINISH HEAT SHIELD, STACK, ELBOW	0	0
	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2025	0	0

			WEIGHT (LB)	
ENGINE EQUIPMENT	DESCRIPTION		FRONT	REAR
	AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR CONTROLLED INSIDE-OUTSIDE AIR INTAKE	0	0
	AIR INTAKE - INSIDE/OUTSIDE	INSIDE/OUTSIDE AIR INTAKE W/ IN-CAB CONTROL FOR SNOWPLOWS	20	0
	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE AND EXTREME COLD WINTER FRONT COVER (-60F to -40F)	3	0
	AIR COMPRESSOR/DRYER	BENDIX HEATED AD9 AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR	12	5
CA	AIR DRYER POSITION (CA)	AIR DRYER POSITION RH RAIL OUTBOARD	0	0
	ALTERNATOR	DELCO 12V 165A (36SI) BRUSHLESS	27	0
	BATTERIES	(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE	16	7
CA	BATTERY BOX - MOUNTING (x)	RELOCATE SINGLE BATT BOX, RH RAIL, REARWARD OF F/A CL, 143" TO BOX FRONT	0	0
S	BATTERY BOX COVER	MOLDED PLASTIC	0	0
	EMERGENCY START CONNECTIONS	EMERGENCY START STUDS, BATTERY BOX MOUNTED	7	0
CA	BATTERY DISCONNECT SWITCH	MECHANICAL MAIN SWITCH, ONLY CAB CIRCUIT SHUTDOWN	5	0
	STARTER MOTOR	12 VOLT MELCO STARTER (MITSUBISHI ELECTRIC)	31	0
	ENGINE BRAKE	MACK MP8 POWERLEASH	0	0
S	VEHICLE/TRAILER STOP LAMP APPLICATION (CA)	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)	0	0
	ENGINE BRAKE ACTIVATION	ENGINE BRAKE ACTIVATION, SERVICE BRAKE INPUT	0	0
	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE W/ MANUAL ENGAGEMENT SWITCH	0	0
	COOLANT PROTECTION	ETHYLENE GLYCOL EXTENDED LIFE COOLANT (50/50 MIX DYED ORANGE) TO -34DEG, W/ FILTER	0	0
	HOSES - RADIATOR/HEATER	MACK EPDM RADIATOR & HEATER HOSES, w/ 1/4 TURN BALL VALVE HEATER HOSE	0	0
S	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)	0	0
S	RELOCATE FUEL FILTER (CA)	STANDARD FUEL FILTER POSITION	0	0
	ENGINE HEATERS	GRID HEATER + 120v 1500w BLOCK HEATER	0	0
	ENGINE BLOCK HEATER	120V 1500W ENGINE BLOCK HEATER	5	0
	ENGINE STARTING AID	ELECTRIC PREHEATER	7	0
	PLUG QUANTITY & TYPE	SINGLE (1) 120V-15A PLUG	0	0
	OIL SUMP	CORROSION RESISTANT OIL PAN	0	0
S	EMERGENCY ENGINE STOP (CA)	WITHOUT ENGINE STOP, EMERGENCY	0	0

TECHNICAL SPECIFICATION (cont.)



			WEIGHT (LB)	
CLUTCH/TRANS EQUIPMENT	DESCRIPTION		FRONT	REAR
S	GEAR SHIFTER	MACK mDRIVE-PREMIUM SHIFTER	0	0
S	CLUTCH	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL	0	0
S	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM	0	0
	DRIVELINE - MAIN	MERITOR RPL35-SD, WITH CROSS SERRATED YOKE (PROPS2XL)	23	49
S	DRIVELINE - INTERAXLE	MERITOR RPL25	0	36
S	DRIVESHAFT MAIN U-JOINT	UNIVERSAL JOINT CROSS SERRATED YOKE (where applicable)	0	0
S	DRIVESHAFT INTERAXLE U-JOINT	HALF-ROUND UNIVERSAL JOINT	0	0
S	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC	0	0
S	LUBRICANTS, TRANSMISSION	75W - 90 (SYNTHETIC LUBRICANT)	0	0
S	TRANSMISSION OIL COOLER	MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO WATER COOLER	0	0

			WEIGHT (LB)	
FRONT AXLE EQUIPMENT	DESCRIPTION		FRONT	REAR
CA FRONT AXLE	FXL18 STD LOC W/2ND FXL18 (same beams) TEMP MTD TO FRAME FOR LOCAL CONVERSION TO 8X4		1,312	0
CA TWIN STEER SPREAD	TWIN STEER SPREAD, BIGGER THAN 92 INCHES (2340 MM)		0	0
	FRONT AXLES FOR MULTI-STEER	VEHICLE PREP, 1 ADDITIONAL STEER AXLE	0	0
S	SPRINGS - FRONT	MACK TAPERLEAF 18000# (8200 KG) GROUND LOAD RATING, EQUAL BIAS	27	0
	BRAKES - FRONT	MERITOR "S" CAM TYPE 16.5" x 6" Q+	29	0
	BRAKE DRUMS - FRONT	BRAKE, FRONT, DRUM LIGHT WEIGHT TRUTURN	0	0
S	DUST SHIELDS - FRONT	DUST SHIELDS FOR FRONT AXLE	5	0
	SLACK ADJUSTERS - FRONT	HALDEX - AUTOMATIC (Total for QTY = 2)	0	0
	BRAKE CHAMBERS - FRONT	FRONT BRAKE CHAMBER MANUFACTURER, MGM	0	0
	HUBS - FRONT	FERROUS	157	0
S	FRONT AXLE LUBRICANT	FRONT AXLE LUBE, FAG NLGI2 GREASE	0	0
S	SHOCK ABSORBERS - FRONT	DOUBLE ACTING TYPE	0	0
S	STEERING	TRW TAS66+RCH60 POWER	175	0

			WEIGHT (LB)	
REAR AXLE EQUIPMENT	DESCRIPTION		FRONT	REAR
	REAR AXLE	46000# (20900kg) MERITOR RT46-164EH	0	1,786
S	WIDE TRACK AXLE OPTION	W/O WIDE TRACK AXLE	0	0
S	DRIVE AXLE LUBRICANT	DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL	0	0
	CARRIER - REAR AXLE	VENDOR AXLES	0	0
CA	TRACTION DIFFERENTIAL	INTERWHEEL DIFFERENTIAL LOCK, ALL REAR AXLES w/ INDEPENDENT SWITCHES	0	0
S	POWER DIVIDER LOCKOUT	INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40
	REAR AXLE RATIO	3.58 RATIO	0	0
	REAR SUSPENSION	MACK mRIDE 46 PARABOLIC 3-LEAF, 46,000 lb, STANDARD DUTY	0	1,674
	BOGIE SPREAD, REAR	54" AXLE SPACING (BOGIE WHEELBASE)	0	89
	SHOCK ABSORBERS - REAR	REAR SHOCK ABSORBER	0	27
	TRANSVERSE TORQUE RODS	WITHOUT TRANSVERSE TORQUE RODS	0	-66
S	AUX.SPRING BRAKE QTY	AUX SPRING BRAKE QTY, 4 CHAMBERS	0	20
S	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)	0	-35

TECHNICAL SPECIFICATION *(cont.)*



		WEIGHT (LB)	
REAR AXLE EQUIPMENT	DESCRIPTION	FRONT	REAR
	BRAKE DRUMS - REAR	0	5
S	SLACK ADJUSTERS - REAR	0	0
	DUST SHIELDS - REAR BRAKE	0	12
	REAR BRAKE CHAMBER SIZE	0	0
	BRAKE ORI REAR-MOST DRIVE AXLE	0	0
	PARKING BRAKE CHAMBER	0	0
S	HUBS - REAR	0	318
	ANTILOCK BRAKE SYSTEM	0	0
S	AIR SYSTEM VALVE VENDOR	0	0
S	TRACTION CONTROL DISABLE (CA in PC29 only)	0	0
S	SPRING BRAKE INVERSION VALVE	5	0

		WEIGHT (LB)	
FRAME EQUIPMENT/FUEL TANKS	DESCRIPTION	FRONT	REAR
	WHEELBASE	190	190
	AF (OVERHANG)	-24	283
	FRAME RAILS & LINERS	0	0
S	BOLT ON FRONT FRAME EXTENSION	155	-2
S	FRONT FRAME LENGTH	64	-6
S	CROSSMEMBERS	0	0
	CROSSMEMBERS BEHIND REAR AXLE	-13	51
S	REAR CROSSMEMBER OPTIONS	-8	49
S	TAPERED FRAME RAIL ENDS	0	0
	FRONT BUMPER	0	0
	RADIATOR GUARD	45	-11
S	TRUNNION BRACKET	0	0
	TOWING DEVICE, FRONT	0	0
S	FUEL LEVEL SENDER UNIT, LIQUID	0	0
	FUEL TANK - LH	183	86
S	FUEL TANK - RH	0	0
	FUEL TANKS - BRIGHT FINISH	0	0
S	FUEL LINE MATERIAL	5	3
S	FUEL FILLER NECK OPTIONS	0	0
	FUEL SYSTEM - DUAL	0	0
S	CAB ACCESS STEPS	0	0
S	STEPS (BRIGHT) - FUEL TANK	0	0

		WEIGHT (LB)	
AIR/BRAKE	DESCRIPTION	FRONT	REAR
	RELOCATE AIR RESERVOIRS	0	0
	AIR TANK DRAIN VALVE	0	0
	AIR TANK MATERIAL & FINISH	-24	0

TECHNICAL SPECIFICATION (cont.)



		WEIGHT (LB)	
AIR/BRAKE	DESCRIPTION	FRONT	REAR
	INCREASE AIR CAPACITY	20	16
S	PARK BRAKE ALARM	0	0
	PARKING BRAKE VALVE	0	0

		WEIGHT (LB)	
ELECTRICAL	DESCRIPTION	FRONT	REAR
	PARKING BRAKE LIGHTING	0	0
	BACK-UP ALARM	0	3
	DASH MOUNTED SWITCHES	0	0
	FOG LAMPS	3	0
S	ROOF & SIDE MARKER LIGHTS	0	0
	WARNING LAMP (CA family in PC29 only)	3	0
	AUXILIARY LAMPS (CA in PC29 only)	0	0
S	HEADLAMP BULB TYPE	0	0
S	DAYTIME RUNNING LIGHTS	0	0
S	DRL OVERRIDE SPEED THRESHOLD	0	0
S	TAIL LAMPS	0	7
	WORK LIGHTS - CHASSIS MOUNTED	3	0

		WEIGHT (LB)	
TRAILER CONNECTIONS	DESCRIPTION	FRONT	REAR
S	HAND CONTROL VALVE	-6	0
	TRAILER CONNECTIONS	23	23
	TRAILER ELECTRICAL RECEPT	0	0
S	TRAILER CONNECTORS HOLDER	3	0

		WEIGHT (LB)	
PTO	DESCRIPTION	FRONT	REAR
	TRANSMISSION MOUNTED PTO	47	12
S	AMT/AUTOMATIC TRANS PTO FUNCT.	0	0
	HYDRAULIC PUMP	23	7
S	BODY BUILDER INTERFACE	5	5

		WEIGHT (LB)	
SPECIALTY EQUIPMENT	DESCRIPTION	FRONT	REAR
CA	REAR AXLE BREATHERS	0	0
S	LANE SUPPORT SYSTEM (LSS)	0	0
S	DATA CAPTURE	0	0
S	SURVEILLANCE CAMERA OPTIONS (CA)	0	0

TECHNICAL SPECIFICATION *(cont.)*



			WEIGHT (LB)	
CAB INTERIOR (A THRU G)	DESCRIPTION		FRONT	REAR
S	SPEEDOMETER -&- GAUGES - UNIT(S) OF MEASURE	METRIC PREDOMINANT - ROADSPEED W/U.S. UNITS FOR ALL OTHER GAUGES	0	0
	GAUGE - PACKAGE, SECONDARY	2ND GA PKG W/ENG OIL TEMP, TRANS OIL TEMP, PYRO, BOOST PRESS	0	0
	GAUGE OIL TEMP-REAR AXLE	REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY)	0	0
	AUX.INCAB PNEUMATIC LINE	AUX. INCAB PNEUMATIC LINE CLEANOUT	0	0
S	CLIMATE UNIT	ELECTRONIC CONTROLLED CLIMATE CONTROL AIR CONDITION	0	0
S	CUPHOLDER	CUPHOLDER	0	0
	DOME LAMP, INTERIOR	RED FLOOR LIGHTING W/SWITCH PLUS (4) DOOR LAMPS W/SWITCHES	0	0
S	DASH INDICATOR - LAMP BODY OUT OF POS	DASH MTD, INDICATOR BODY/HOIST UP "BODYBUILDER LAMP"	0	0
	FIRE EXTINGUISHER	5LB (ABC RATED) MOUNTED BETWEEN DRIVER SEAT BASE AND DOOR VALVE AIMED REARWARD	9	0
S	CARBON MONOXIDE DETECTION SYS	WITHOUT CARBON MONOXIDE DETECTION SYSTEM	0	0
	FLOOR COVERING	POLYURETHANE FLOOR MAT W/ REMOVABLE INSERTS	16	0

			WEIGHT (LB)	
CAB INTERIOR (H THRU R)	DESCRIPTION		FRONT	REAR
S	INSTRUMENT CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH	0	0
S	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM	0	0
S	KEYLESS ENTRY	W/O ELECTRONIC KEYLESS ENTRY	0	0
S	OVERHEAD CONSOLE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS	0	0
S	RADIO/RADIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH	0	0
	RADIO - ANTENNA	48" ANTENNA RIGHT SIDE MIRROR MOUNTED	0	0
	RADIO ANTENNA - CB	48" ANTENNA LEFT SIDE MIRROR MOUNTED	0	0
S	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL	0	0
	RADIO - CB	CB RADIO, COBRA, COMPACT	0	0
	RADIO - CB RADIO MOUNTING	CB MOUNTING, OVERHEAD COMP, MOUNT PLATE, PERMANENT	0	0
S	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR	5	0

			WEIGHT (LB)	
CAB INTERIOR (S THRU Z)	DESCRIPTION		FRONT	REAR
	INTERIOR TRIM LEVELS	PREFERRED TRIM PACKAGE, STEEL GRAY (Package 12A)	0	0
	SEAT - DRIVER'S	SEARS-AIR, ATLAS 80, HIGH BACK, 4 CHAMBER AIR LUMBAR, W/ HEAT	82	23
	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - BLENDED BLACK & GREY VINYL / CLOTH MIX	0	0
	SEAT - PASSENGER'S	MACK-FIXED, HIGH BACK, W/ STORAGE BOX	40	9
	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - BLENDED BLACK & GREY VINYL / CLOTH MIX	0	0
	SEAT - DUST COVER(S)	SEAT, DUST COVER FOR DRIVER'S SEAT	3	0
	SEAT ARM REST(S)	INBOARD MOUNTED ARM REST, DRIVER'S & RIDER'S SEAT	5	3
S	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT	0	0
S	SEAT BELT WARNING INDICATOR	SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO	0	0
S	STARTER SWITCH	KEY TYPE	0	0
	STEERING WHEEL	2 SPOKE LEATHER GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES	0	0
S	WINDSHIELD TYPE	TWO PIECE WINDSHIELD	0	0

TECHNICAL SPECIFICATION (cont.)



			WEIGHT (LB)	
CAB INTERIOR (S THRU Z)	DESCRIPTION		FRONT	REAR
	CAB GLASS	GUARDIAN ENHANCED PROTECTIVE REAR GLASS W/SAFEFLEX; 50% TRANSMITTANCE	0	0
S	WINDSHIELD WASHER	W/O WINDSHIELD WASHER OPTION	0	0
S	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE	0	0

			WEIGHT (LB)	
CAB EXTERIOR	DESCRIPTION		FRONT	REAR
	PERMIT PLATE	2 POL, 304SS 3.5X15" W/SELF-ADH. BK; AT REC. SECTION CAB SILL PL. BELOW BOTH DRS	0	0
	HOOD LATCH TYPE & FINISH	STRAP TYPE HOOD LATCH WITH BRIGHT FINISH	0	0
S	EXTERIOR TRIM FINISH AND PACKAGES	GRANITE BRIGHT AIR INTAKE	0	0
S	GRILLE	BLACK FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED	0	0
S	HOOD INSULATION	HOOD INSULATION	0	0
	PASSENGER SIDE VISIBILITY OPTIONS	AUXILIARY WINDOW IN RH DOOR WITH SIDE CLOSE VIEW MIRROR	5	0
	MIRRORS - PROXIMITY	RECTANGULAR CONVEX ABOVE RH DOOR WINDOW	3	0
S	FENDER EXTENSIONS	FENDER EXTENSIONS	5	0
S	GRAB HANDLES	PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST	0	0
	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)	7	0
S	HORN - ELECTRICAL	DUAL TONE	5	0
	MIRRORS - EXTERIOR	BULLDOG STYLIZED MIRRORS - LH & RH HEATED & MOTORIZED AND ILLUMINATED W/INTEGRAL CONVEX MIRROR	7	0
	SUN VISOR - EXTERIOR	SUN VISOR, EXTERIOR, STAINLESS STEEL (UNPAINTED)	9	0

			WEIGHT (LB)	
AERODYNAMIC DEVICES	DESCRIPTION		FRONT	REAR
S	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES	0	0
S	FRONT CHASSIS AERODYNAMIC PACKAGE	WITHOUT FRONT AERODYNAMIC FAIRINGS	0	0

			WEIGHT (LB)	
WHEELS & TIRES	DESCRIPTION		FRONT	REAR
	TIRES BRAND/TYPE - FRONT	315/80R22.5 L MICHELIN X WORKS Z (18180 lbs) (Total for QTY = 4)	653	0
	WHEELS - FRONT	22.5x9.00 ALCOA 89U63x HIGH POLISHED, ALUMINUM, 4.06" OFFSET, 10 HAND HOLE (Total for QTY = 4)	195	0
	TIRES BRAND/TYPE - REAR	11R22.5 H MICHELIN XDS2 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8)	0	1,094
	WHEELS - REAR	22.5x8.25 ALCOA 88565x SEVERE SERVICE, HIGH POLISHED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 8)	0	406
S	VALVE STEMS & CAPS	STANDARD VALVE STEMS AND CAPS	0	0
S	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM (Total for QTY = 2)	0	0
S	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)	0	0
	WHEEL GUARDS - FRONT	PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM	3	0
	WHEEL GUARDS - REAR	PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM	0	3
S	WHEEL NUT & FINISH - FRONT (CA)	WHEEL NUT BASIC FINISH, FRONT	0	0
S	WHEEL NUT & FINISH - REAR (CA)	WHEEL NUT BASIC FINISH, REAR	0	0

TECHNICAL SPECIFICATION (cont.)



			WEIGHT (LB)	
COMMUNICATION SYSTEMS	DESCRIPTION		FRONT	REAR
S	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1	0	0
S	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES	0	0

			WEIGHT (LB)	
ENGINE ELECTRONICS	DESCRIPTION		FRONT	REAR
S	SHUTDOWN-ENG.OIL PRESSURE	OIL PRESSURE, ENGINE SHUTDOWN	0	0
S	SHUTDOWN-ENG.COOLANT TEMP	COOLANT TEMP, ENGINE SHUTDOWN	0	0
S	ENG /OIL TEMP SHUTDOWN	ENGINE PROTECTION (SHUTDOWN)	0	0
	FAN ENGAGEMENT-MOVING	ENG FAN CONTROL,MOVING VEHICLE,TEMP OVERRIDE AND TIMER	0	0
	FAN ENGAGEMENT TIME-MOVING	ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING, 2 MIN	0	0
	FAN ENGAGEMENT TIME-A/C	ENG FAN CONTROL, A/C ON, TIME SETTING, 60 SEC	0	0
S	LOW IDLE ENGINE RPM	IDLE CONTROL, 600 RPM	0	0
S	IDLE RPM UP W/LOW VOLTAGE	INCREASE 10 MINUTE MAXIMUM TIME	0	0
S	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED	0	0
S	IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME	0	0
S	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY	0	0
S	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY	0	0
S	IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE	0	0
S	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT	0	0
S	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD	0	0
S	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)	0	0
S	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)	0	0
	EHT, MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 32 KMH (20 MPH)	0	0
S	EHT, MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 1000 RPM	0	0
	EHT, MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 600 RPM	0	0
S	EHT, SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC	0	0

			WEIGHT (LB)	
TRANSMISSION ELECTRONICS	DESCRIPTION		FRONT	REAR
S	TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	mDRIVE- ENHANCED CONSTRUCTION - ECON, PERF, & PERF+ DRIVE MODES, MANUAL RETURN (premium)	0	0
S	mDRIVE MACKCELLERATOR	MACKCELLERATOR ENABLE	0	0
S	TRANSMISSION ELECTRONICS PACKAGE	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)	0	0
	TRANSM AUTO NEUTRAL ON P-BRAKE	mDRIVE TRANSMISSION PARK BRAKE AUTO NEUTRAL	0	0
S	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	W/O ALLISON FUELSSENSE 2.0 PROGRAMMING	0	0

			WEIGHT (LB)	
VEHICLE ELECTRONICS	DESCRIPTION		FRONT	REAR
S	ROAD SPEED LIMIT (RSL)	105 KM/H ROAD SPEED LIMITER (65MPH)	0	0
	PEDAL SPEED LIMITER	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)	0	0
S	CRUISE CONTROL	CRUISE CONTROL	0	0
S	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)	0	0

TECHNICAL SPECIFICATION *(cont.)*



			WEIGHT (LB)	
VEHICLE ELECTRONICS	DESCRIPTION		FRONT	REAR
	CRUISE CONTROL MIN SPEED	MIN CRUISE, 40 KPH (25 MPH)	0	0
S	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH	0	0
S	ENG BRAKE ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED	0	0
	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 88KMH (55MPH)	0	0
	DIFF LOCK SPEED LIMIT	DIFFERENTIAL LOCK ROAD SPEED LIMIT 40KMH (25MPH)	0	0
	MAXIMUM ENG SPEED AT 0 MPH	1250 MAXIMUM ENGINE SPEED AT 0 MPH	0	0
S	SPEED SENSOR TAMPERING DETECTION	DETECTION OF SPEED SENSOR TAMPERING, ENABLE	0	0
	PWR.LIMIT LVL.-MPH SENSOR	ENG TORQUE LIMITED TO 100%, IF SPEED SENSOR TAMPER DETECTED	0	0
S	DRIVER PERFORMANCE & BONUS PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS	0	0
S	DATAMAX ENGINE OVERSPEED-COMPANY	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM	0	0
S	DATAMAX ENGINE OVERSPEED-FUEL	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM	0	0
S	DATAMAX VEHICLE OVERSPEED-ALL	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)	0	0
S	DATAMAX VEHICLE OVERSPEED-FUEL	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)	0	0
S	DATAMAX IDLE LOG DELAY	ENGINE IDLE DELAY TO START LOG, 2 MIN	0	0
S	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH	0	0
	GUARDDOG MAINT. MONITORING	MAINTENANCE MONITORING SYSTEM, EXCLUDING BRAKE LINING	0	0

			WEIGHT (LB)	
PTO ELECTRONICS	DESCRIPTION		FRONT	REAR
S	TRANS PTO1 SPLITTER RANGE	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED	0	0
S	TRANS PTO2 SPLITTER RANGE	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED	0	0
S	PTO1 SINGLE SPEED CONTROL RPM.	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM	0	0
CA	PTO 1ST, MAX ROAD SPEED	1ST PTO, MAX ROAD SPEED, 30 MPH (48 KPH)	0	0
S	PTO 1ST, SPEED RAMP RATE	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC	0	0
S	PTO 1ST, MAX ENGINE SPEED	PTO 1ST, MAX ENGINE SPEED, 2100 RPM	0	0
S	PTO 1ST, ROAD SPEED LIMIT	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
S	PTO 1ST, MINIMUM ENGINE SPEED	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM	0	0
S	PTO 2ND, SINGLE SPEED SETTING	PTO 2ND, SINGLE SPEED SETTING, 1000 RPM	0	0
	PTO 2ND, MAX ROAD SPEED	2ND PTO, MAX ROAD SPEED, 20 MPH (32 KPH)	0	0
S	PTO 2ND, SPEED RAMP RATE	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC	0	0
S	PTO 2ND, MAX ENGINE SPEED	PTO 2ND, MAX ENGINE SPEED, 2100 RPM	0	0
S	PTO 2ND, ROAD SPEED LIMIT	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)	0	0
S	PTO 2ND, MINIMUM ENGINE SPEED	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM	0	0

			WEIGHT (LB)	
PAINT	DESCRIPTION		FRONT	REAR
S	PAINT DESIGN	SINGLE COLOR	0	0
S	PAINT TYPE	SOLID PAINT	0	0
	PAINT COLOR - FIRST COLOR	SNOW; P7241	0	0
S	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR	0	0
S	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR	0	0

TECHNICAL SPECIFICATION (cont.)



			WEIGHT (LB)	
PAINT	DESCRIPTION		FRONT	REAR
S	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT	0	0
S	CAB COLOR	SAME AS FIRST COLOR - CAB	0	0
S	HOOD COLOR	SAME AS FIRST COLOR - HOOD	0	0
S	SLEEPER ROOF COLOR	WITHOUT SLEEPER ROOF COLOR	0	0
S	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING	0	0
S	CHASSIS RUNNING GEAR	MACK BLACK (60 GLOSS); 250-12370	0	0
	BUMPER	W/O OPTIONAL BUMPER PAINT	0	0
S	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT	0	0
S	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR	0	0
S	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR	0	0

			WEIGHT (LB)	
CALCULATED CODES - KAX	DESCRIPTION		FRONT	REAR
S	PROPCALC SELECTION	YES, THE ORDER MUST BE CALCULATED	0	0

			WEIGHT (LB)	
BASE WARRANTY & PURCHASED COVERAGES	DESCRIPTION		FRONT	REAR
S	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION	0	0
S	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)	0	0
	EMISSION - SURCHARGE	EPA (only) for Mack MP7 / MP8 Diesel	0	0
S	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)	0	0
S	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)	0	0
S	TRANSMISSION WARRANTY	36 MONTHS: STANDARD mDRIVE HD TRANSMISSIONS HEAVY DUTY WARRANTY	0	0
	CARRIER & AXLE HOUSING WARRANTY	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)	0	0
S	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE	0	0
S	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES	0	0
S	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)	0	0

			WEIGHT (LB)	
CONNECTED SERVICES	DESCRIPTION		FRONT	REAR
S	MACK INTEGRATED UPTIME	MACK INTEGRATED UPTIME - 24 MONTHS	0	0
	MACK CONNECT LOCATION & REPORTING	MACK CONNECT LOCATION & REPORTING - 24 MONTHS	0	0
S	FLEET INTEGRATION	WITHOUT FLEET INTEGRATION	0	0
S	PARTNERED SERVICES	NO PARTNERED SERVICES PROVIDED	0	0

			WEIGHT (LB)	
ADDITIONAL ENGINEERING (Included)	DESCRIPTION		FRONT	REAR
CA			0	0

VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY			
Description	Dwg Ref	Length	UOM
Front Frame Extension	FE	6.1	INCHES
Bumper to Front Axle	BA	51.1	INCHES
Eff. Bumper to Front Axle	N/A	57.2	INCHES
Wheelbase	WB	245.5	INCHES
Rear Overhang	OH	71.3	INCHES
Overall Length	OL	373.9	INCHES
Bumper to Back of Cab	BBC	116.5	INCHES
Eff. Bumper to Back of Cab	EBBC	134.1	INCHES
Eff. Cab to Rear Axle	ECA	168.5	INCHES
Eff. Front Axle to Back of Cab	EAC	77.0	INCHES
Eff. Cab to End of Frame	ECEF	239.8	INCHES
Unladen Frame Height	FH	43.9	INCHES
Cab Height	CH	70.9	INCHES
Overall Height	OVH	125.8	INCHES
Driver CG	DCG	47.2	INCHES
54" AXLE SPACING (BOGIE WHEELBASE)	BS	53.9	INCHES
Second Front Axle Spacing	SFAS	153.5	INCHES

