



## Vehicle Summary

<b>CUSTOMER/VEHICLE INFO</b>		<b>Description</b>
S	002F52	<b>CHASSIS (BASE MODEL)</b> GRANITE 64FR MACKSPEC
S	PB1091	<b>PRICE BOOK LEVEL</b> 2019B Pricebook
	A19049	<b>VEHICLE MODEL YEAR</b> 2019 MODEL YEAR
	MP2001	<b>CUSTOMER FLEET SIZE</b> DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	013001	<b>TYPE OF SERVICE</b> COMMERCIAL
S	505015	<b>INITIAL REGISTRATION LOCATION</b> ALL 50 STATES, CARB ENGINE EMISSION (US17)
S	534014	<b>LANGUAGE-PUBS/DECAL/SIGNS</b> ENGLISH
S	DHX10X	<b>ROAD CONDITION</b> WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE
	0051B5	<b>VEHICLE USE &amp; BODY/TRAILER TYPE</b> DRILLING RIG-OIL/WATER/CRANE TRUCK
S	DKX99X	<b>GROSS COMBINATION WEIGHT</b> TRUCK ONLY - NO TRAILER TOWING PROVISIONS PROVIDED
S	7OBB1X	<b>BRAKE REGULATION</b> BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
	QCXA1X	<b>TOPOGRAPHY</b> GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%
S	E1BD1X	<b>AMBIENT TEMP UPPER LIMIT (GTA)</b> AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
S	032A89	<b>TERRAIN GRADE</b> ON-OFF HIGHWAY, STARTING GRADES<18%
	033A40	<b>LOADING SURFACE</b> HARD DIRT LOADING AND / OR UNLOADING SURFACE
S	0342A2	<b>VEHICLE VOCATION</b> CONSTRUCTION SERVICE
<b>APPLICATION PACKAGES</b>		<b>Description</b>
S	PK7001	<b>GRANITE AF CONFIG. PKG.</b> W/O GRANITE AF CONFIG. PKG.
S	023AB3	<b>APPLICATION RECOMMENDATIONS</b> WITHOUT SPECIAL SALES PACKAGE
S	J7DACX	<b>PRODUCTION ORDER PLANNING (CA)</b> PRODUCTION ORDER PLANNING, SHORT TO MEDIUM LEAD TIME
<b>ENGINE/TRANSMISSIONS</b>		<b>Description</b>
	1000W0	<b>ENGINE PACKAGE</b> MP7-425M MACK 425HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1560 LB-FT, US'17
	1360Z6	<b>TRANSMISSION</b> MACK TMD12AFO-HD mDRIVE HD 12 SP-(OVERDRIVE)
	RSXZ1X	<b>TRANSMISSION ELECTRONICS</b> W/O ELECTRONIC TRANS PACKAGE OPTION
	B1EA1X	<b>TRANSM AUTO NEUTRAL ON P-BRAKE</b> mDRIVE TRANSMISSION AUTO NEUTRAL ON PARKING BRAKE
S	U6AA1X	<b>ENGINE GOVERNOR TYPE</b> ENGINE GOVERNOR TYPE MIN-MAX

<b>EXHAUST/EMISSIONS</b>		<b>Description</b>
S	CIRAA4	<b>CARB 2008 IDLE REGULATION</b> IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON LOWER LH CORNER OF DRIVER DOOR)
S	DPF04F	<b>DPF DIESEL PARTICULATE FILTER</b> CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17
S	8NAA1X	<b>DPF COVER</b> DPF COVER, PAINTED STEEL
	130AD7	<b>EXHAUST</b> SINGLE VERTICAL RIGHT SIDE CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END
S	5BAAAX	<b>EXHAUST HEAT SHIELD TYPE</b> EXHAUST HEAT SHIELD TYPE, BASIC
	KRXAPX	<b>EXHAUST STACK HEIGHT</b> 9' 6" FROM GROUND
S	Q0AA1X	<b>EXHAUST SYSTEM MATERIAL FINISH</b> W/O BRIGHT FINISH EXHAUST
	DF10M1	<b>DEF TANK</b> 11.8 GALLON (45 L) 22" LEFT SIDE FRAME MTD
	U6BA1X	<b>DEF TANK COVER</b> PAINTED FINISH DEF TANK COVER
S	78AC7X	<b>EMISSION ON BOARD DIAG CONTROL</b> EMISSION OBD, DISPLAY ONLY, USA2018

<b>ENGINE EQUIPMENT</b>		<b>Description</b>
S	125AA4	<b>AIR CLEANER</b> 11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD
S	1VAAXX	<b>AIR INTAKE SOURCE</b> W/O INSIDE/OUTSIDE AIR INTAKE
S	121AA5	<b>BUG SCREEN</b> BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	113AA6	<b>AIR COMPRESSOR</b> MERITOR/WABCO 318 (18.7 CFM)
S	132AB4	<b>ALTERNATOR</b> DELCO 12V 130A (24SI) BRUSH-TYPE
S	316AA6	<b>BATTERIES</b> (3) MACK 12V 650/1950 CCA THREADED STUD TYPE
S	508AA3	<b>COOLING PERFORMANCE</b> STANDARD COOLING PERFORMANCE
S	119AE9	<b>COOLANT PROTECTION</b> CHEVRON FULLY FORMULATED COOLANT W/ NITRATES (50/50 MIX DYED PINK) TO -34DEG
S	HWXA1X	<b>COOLANT FILTER / CONDITIONER</b> MACK COOLANT CONDITIONER
S	118AA5	<b>FAN DRIVE</b> BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE
S	110AA5	<b>ENGINE BRAKE</b> MACK MP7 POWERLEASH
S	293AA2	<b>FUEL-WATER SEPARATOR</b> MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)
S	J7XZ1X	<b>AUX. FUEL SYSTEM EQUIPMENT</b> WITHOUT AUXILLIARY FUEL HEATING
S	318AA1	<b>BATTERY DISCONNECT SWITCH</b> W/O BATTERY DISCONNECT SWITCH
	393AA2	<b>BATTERY BOX - MOUNTING</b> (3) BATTERY MAX, MTD LHS UNDER CAB, FWD OF LH FUEL TANK
S	L5XA1X	<b>BATTERY BOX COVER</b> MOLDED PLASTIC
S	LLXZ1X	<b>EMERGENCY START CONNECTIONS</b> W/O EMERGENCY STARTING RECEPT.
S	124AA3	<b>HOSES - RADIATOR/HEATER</b> MACK BRAND EPDM RADIATOR & HEATER HOSES
S	NCXA5X	<b>STARTER</b> 12 VOLT DELCO 39MT-MXT
S	QHXC1X	<b>OIL PAN</b> OIL PAN
S	36AZ1X	<b>TETHER DEV PKG, CAPS &amp; COVERS</b> W/O TETHER DEVICE
	5NXA1X	<b>ENGINE BLOCK HEATER</b> 120V 1500 WATT ENGINE BLOCK HEATER
S	EFXZ1X	<b>ENGINE OIL PAN HEATER</b> W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER

S	NDXZ1X	<b>ENGINE STARTING AID</b>	W/O ENGINE COLD START AID
S	HZXZ1X	<b>ENGINE OIL DRAIN KIT</b>	W/O OIL CHANGE SYSTEM
S	JMXB1X	<b>ENGINE BRAKE LIGHTING (CA)</b>	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)
S	MOXZ1X	<b>BATTERY SHOCK PADS</b>	W/O BATTERY SHOCK PADS

<b>CLUTCH/TRANS EQUIPMENT</b>		<b>Description</b>
S	49200B	<b>GEAR SHIFTER</b> MACK mDRIVE-PREMIUM SHIFTER
S	133AC7	<b>CLUTCH</b> ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL
	2XAZ1X	<b>CLUTCH PEDAL PAD</b> W/O CLUTCH PEDAL
S	IUXZ1X	<b>CLUTCH ACTUATION SYSTEM</b> W/O AIR ASSIST
	195AB6	<b>DRIVELINE - MAIN</b> SPICER SPL250XL "EXTENDED LUBE SERIES"
	204AA9	<b>DRIVELINE - INTERAXLE</b> SPICER SPL170XL "LIFE SERIES"
S	7RXD1X	<b>LUBRICANTS, TRANSMISSION</b> 75W - 90 (SYNTHETIC LUBRICANT)
S	139049	<b>TRANSMISSION OIL COOLER</b> MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER
S	5DAZ1X	<b>TRANSMISSION DUST PROOFING</b> W/O TRANSMISSION DUSTPROOFING
	83AA1X	<b>PROP SHAFT BEARING GUARD</b> DRIVESHAFT GUARD FOR CENTER BEARING
S	76AA1X	<b>PROPELLR SHAFT MAIN, UNVSL JNT</b> PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE
S	4LDA1X	<b>TRANSMISSION OUTPUT TORQUE</b> TRANSMISSION OUTPUT TORQUE BASIC
S	8WAAAX	<b>PROP SHAFT INTERAXL UNIV JOINT</b> HALF-ROUND UNIVERSAL JOINT
S	RCXB1X	<b>BELL HOUSING</b> ALUMINUM
S	RGXZ1X	<b>CLUTCH BRAKE</b> W/O CLUTCH BRAKE
	RBXZ1X	<b>CLUTCH LUBE LINE</b> W/O LUBRICATION FITTING OPTION
	442012	<b>TRANSMISSION TORQUE CONVERTER</b> W/O TRANS TORQUE CONVERTER
S	D3BZ1X	<b>TRANSMISSION ADAPTATION RING</b> WITHOUT TRANSMISSION ADAPTATION RING
S	M6CA3X	<b>TRANSMISSION OIL MONITORING</b> WITHOUT TRANSMISSION OIL MONITORING, REMOTE FITTING
S	6VAZ1X	<b>ENGINE START CONDITION</b> W/O CLUTCH STARTING SWITCH OPTION
S	3IAA1X	<b>HILL START ASSIST</b> GRADE GRIPPER
	M050B5	<b>TRANS SHIFT MODE POINTS</b> MACK mDRIVE- ENHANCED PERFORMANCE MODE- AUTO RETURN (premium)
S	U7AZ1X	<b>TRANSMISSION PROTECTION</b> WITHOUT TRANSMISSION PROTECTION
S	6SAA1X	<b>TRANSMISSION KICK-DOWN MODE</b> MACKCELLERATOR ENABLE

<b>FRONT AXLE EQUIPMENT</b>		<b>Description</b>
S	240AA2	<b>FRONT AXLE</b> 18000# (8200 KG) MACK FXL18 (WIDE PIVOT CENTER) STRAIGHT SPINDLE/UNITIZED BEARINGS
S	RHXZ1X	<b>FRONT AXLE SPREAD</b> WITHOUT FRONT AXLE SPREAD
	7QBZ1X	<b>VEHICLE PREP, ADDITIONAL AXLES</b> WITHOUT VEHICLE PREPARATION, ADDITIONAL FRONT AXLES
	244AC6	<b>SPRINGS - FRONT</b> MACK MULTILEAF HD 18000# (8200 KG) GROUND LOAD RATING

	241081	<b>FRONT AXLE BRAKES</b>	MERITOR "S" CAM TYPE 16.5" x 6" Q+
S	U3XA1X	<b>BRAKE, FRONT</b>	CAST IRON
	LQXCAX	<b>BRAKE LINING MATERIAL FRONT</b>	ABEX 931-162 (MERITOR R301)(FRT.AXLE 18,000 MAX)
S	UDXZ1X	<b>FRONT AXLE BRAKE DUST SHIELD</b>	OMIT
S	U0AA1X	<b>FRONT BRAKE ADJ. MANUFACTURE</b>	HALDEX - AUTOMATIC
S	V7AD1X	<b>FRONT BRAKE CHAMBER MFG.</b>	FRONT BRAKE CHAMBER MANUFACTURER, MGM
S	O5BD1X	<b>FRONT BRAKE CHAMBER SIZE</b>	FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)
S	YHXZ1X	<b>FRONT SPRING BIAS</b>	WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)
S	0KXA1X	<b>HUB MATERIAL, FRONT</b>	FERROUS
S	1BXBDX	<b>HUB OIL SEAL, FRONT</b>	FAG SCHAEFFLER
S	K4AAAX	<b>SPINDLE NUTS, FRONT</b>	STANDARD
S	1KAA1X	<b>SHOCK ABSORBER, FRONT</b>	DOUBLE ACTING TYPE
S	245AA9	<b>STEERING</b>	SHEPPARD SD110
S	7VXC1X	<b>LUBRICANTS, FRONT AXLE</b>	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE

**REAR AXLE EQUIPMENT**
**Description**


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	268AB5	<b>REAR AXLES - TANDEM</b>	40000# (18100kg) MACK SB38 FABRICATED STEEL HOUSING - RECERT
S	R4XZ1X	<b>LUBE PUMP, REAR AXLE</b>	W/O LUBE PUMP AND FILTER
S	018AA6	<b>CARRIER - REAR AXLE</b>	CRDP150/151
	TAXAVX	<b>REAR AXLE RATIO</b>	3.79 RATIO
	186AD2	<b>REAR SUSPENSION - TANDEM</b>	SSB38 MACK MULTILEAF (CAMELBACK) 40000# RECERTIFICATION
	XZXA1X	<b>REAR SUSP. BEAM BUSHINGS</b>	BRONZE
S	GWXABX	<b>BOGIE SPREAD, REAR</b>	50" AXLE SPACING (BOGIE WHEELBASE)
S	ZAX99X	<b>SUSPENSION LEVELLING DEVICE</b>	W/O AIR SUSP HEIGHT CONTROL
	J6DZ1X	<b>AIR SUSPENSION DUMP WARNING</b>	WITHOUT AIR SUSPENSION DUMP WARNING
S	YVXZ1X	<b>REAR SHOCK ABSORBER</b>	W/O REAR SHOCK ABSORBERS
	XYXB1X	<b>TRANSVERSE TORQUE RODS, R SUSP</b>	TRANSVERSE TORQUE ROD (REAR AXLE ONLY)
	253AA4	<b>BRAKES - REAR</b>	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)
S	U4XA1X	<b>BRAKE DRUMS/ROTORS - REAR</b>	CAST IRON
S	U1AA1X	<b>REAR BRAKE ADJ MANUFACTURE</b>	HALDEX - AUTOMATIC
S	V1AB1X	<b>REAR BRAKE CHAMBER SIZE</b>	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
S	UEXZ1X	<b>DRIVE AXLE BRAKE DUST SHIELD</b>	OMIT
	MAXCAX	<b>BRAKE LINING MATERIAL DRIVE</b>	ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)
S	0LXI5X	<b>HUB MATERIAL, DRIVE</b>	IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
S	1CXI2X	<b>HUB OIL SEAL, DRIVE</b>	PREMIUM

S	N2AE1X	<b>SPINDLE NUTS, MAIN AXLE</b>	SPINDLE NUTS, MAIN AXLE, INTEGRATED
S	3LAC1X	<b>POWER DIVIDER LOCKOUT</b>	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
S	7WXA1X	<b>LUBRICANTS, REAR AXLE(s)</b>	FACTORY OPTION LUBE - REAR AXLE
	2AAAAX	<b>REAR SPRING INSULATOR MAT'L</b>	RUBBER SHOCK INSULATORS
S	300AD0	<b>REAR BRAKE CHAMBER MFG.</b>	MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS (Total for QTY = 2)
S	254AA1	<b>TRACTION DIFFERENTIAL</b>	OMIT DIFFERENTIAL LOCKS
S	9GAAAX	<b>ABS SENSOR &amp; MODULATOR</b>	4S/4M SYSTEM REAR WHEEL END SENSORS
S	698AA5	<b>ANTILOCK BRAKE SYSTEM</b>	BENDIX WITH TRACTION CONTROL
S	URXD1X	<b>BRAKE VALVE VERSION</b>	BENDIX SWITCHES AND VALVES WHERE POSSIBLE
S	H9CZ1X	<b>TRACTION CONTROL DISABLE</b>	W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

	<b>FRAME EQUIPMENT/FUEL TANKS</b>	<b>Description</b>
	271250	<b>WHEELBASE</b> 250"
	374079	<b>AF (OVERHANG)</b> 79"
	274AA8	<b>FRAME RAILS</b> STEEL - 300MM X 90MM X 11.1MM -- (11.81" X 3.54" X 0.437" )
S	Z9XZ1X	<b>FRAME INNER LINER</b> WITHOUT FRAME REINFORCEMENT - INSIDE
S	5CAAAAX	<b>FRONT FRAME EXT. (BOLTED ON)</b> 6" BOLT ON FRAME EXTENSION
S	A0XH1X	<b>FRONT FRAME LENGTH</b> FRONT FRAME LENGTH 725MM
S	281AA5	<b>CROSSMEMBERS</b> BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
	AXXA5X	<b>AUX CROSSM. IN REAR OVERHANG</b> STEEL SINGLE CHANNEL (1)
S	Q5AA1X	<b>REAR CROSSMEMBER OPTIONS</b> FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER
S	X6XA1X	<b>REAR FRAME TREATMENT</b> WITHOUT TAPERED FRAME RAIL ENDS
S	69XZ1X	<b>MUDFLAP HANGERS, REAR AXLE</b> W/O REAR MUD FLAP HANGER BRKTS
S	67XZ1X	<b>MUDFLAP TYPE, REAR AXLE</b> W/O REAR MUD FLAPS
S	2HXA1X	<b>MUDFLAP, FRONT AXLE</b> BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)
S	4DXM9X	<b>FRONT BUMPER</b> EXTENDED-SWEPT BACK-STEEL
S	5FXZ1X	<b>CAB GUARD, FRONT</b> W/O RADIATOR GUARD
S	4ZAAAX	<b>CROSSMEMBER, BOGIE TYPE</b> BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT
S	4EXG1X	<b>TOWING DEVICE, FRONT</b> HOOKS
S	6PXZ1X	<b>TOWING DEVICE,REAR</b> W/O REAR TOWING DEVICE
	288AB0	<b>FUEL TANK - LH</b> 50 GALLON (190 L) 22" STEEL ROUND
S	2RAA1X	<b>FUEL LEVEL SENDER UNIT, LIQUID</b> BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
	290AB0	<b>FUEL TANK - RH</b> 50 GALLON (190 L) 22" STEEL ROUND
S	7HX99X	<b>TOOLBOX CHASSIS</b> W/O TOOL BOX
S	JHXB1X	<b>FUEL HOSES, LIQUID</b> BRAIDED HOSE
S	852062	<b>FILLER NECK SCREENS</b> W/O FILLER NECK SCREEN OPTION

	12AC1X	<b>FUEL LINE OPTIONS, LIQUID</b>	DUAL DRAW AND RETURN FUEL SYSTEM
S	KFXA1X	<b>FUEL TANK CAP</b>	NON-LOCKABLE FUEL TANK CAP
S	223AA1	<b>STEPS (BRIGHT) - FUEL TANK</b>	W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE
S	R0AZ1X	<b>FUEL TANK POLISH OPTION</b>	W/O BRIGHT FINISH FUEL TANKS
S	I7XZ1X	<b>ISOLATE TANK FROM FUEL SYSTEM</b>	W/O ISOLATED TANK(S)
S	464AA1	<b>QUARTER FENDERS</b>	W/O QUARTER FENDERS

#### AIR/BRAKE

#### Description

S	VHXEDX	<b>AIR DRYER - MANUFACTURER</b>	WABCO 1200UP W/TURBO CUT OFF VALVE, W/COALESCING OIL FILTER, HEATED
S	UWXC1X	<b>AIRTANK DRAIN VALVE</b>	MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
S	U2XB1X	<b>AIRTANK MATERIAL</b>	STEEL
S	3MBZ1X	<b>PARK BRAKE ALARM</b>	W/O PARK BRAKE ALARM
S	1JAAAX	<b>PARKING BRAKE VALVE</b>	SINGLE VALVE SYSTEM
S	141AA1	<b>RELOCATE AIR RESERVOIRS</b>	W/O RELOCATED AIR TANKS
S	VSXZ1X	<b>AUXILLIARY AIRTANK</b>	W/O INCREASED AIR RESERVOIR CAPACITY

#### ELECTRICAL

#### Description

S	Q8CH1X	<b>CHASSIS WIRING HARNESS CASING</b>	CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING
S	4GAZ1X	<b>PARKING BRAKE LIGHTING</b>	WITHOUT PARKING BRAKE LIGHTING
	5RXA7X	<b>BACK-UP ALARM</b>	POLLAK 41-722 CONSTANT AUDIBLE (MOUNTED ON REAR CROSS MEMBER) 107 dB
S	NGXZ1X	<b>AUX. FOG LAMP</b>	WITHOUT FOG LAMPS
	9FCZ1X	<b>FOG LAMP TECHNOLOGY</b>	WITHOUT FOG LAMPS TECHNOLOGY
S	NJXZ1X	<b>AUXILIARY LAMPS</b>	W/O AUX LAMP PROVISIONS
S	NEXC1X	<b>TAIL LAMPS</b>	INCANDESCENT TAIL LAMPS
S	EAXZ1X	<b>DASH MOUNTED SWITCHES</b>	W/O MISC ELECT SWITCHES OPTION
S	5FBB1X	<b>MARKER/DIRECTIONAL SIGNAL</b>	W/O MARKER/DIR SIGNAL OPTION
S	LSXH1X	<b>DAYTIME RUNNING LIGHTS</b>	PARK BRAKE AND ENGINE RUNNING ACTIVATED
S	N7XZ1X	<b>WARNING LAMP</b>	WITHOUT WARNING LIGHTS

#### TRAILER CONNECTIONS

#### Description

S	53XZ1X	<b>TRAILER GLAD HAND COUPLINGS</b>	W/O GLAD HAND COUPLINGS
S	WGXB1X	<b>TRAILER BRAKE VALVE</b>	W/O HAND CONTROL VALVE
S	WHXZ1X	<b>TRAILER CONNECTION POSITION</b>	OMIT TRAILER AIR BRAKE CONNECTIONS
S	321011	<b>TRAILER ELECTRICAL RECEPT</b>	WITHOUT TRAILER ELECTRICAL RECEPTACLE
S	322012	<b>TRAILER HOOKUP LIGHT</b>	W/O TRAILER HOOK-UP LIGHT

<b>PTO/SPECIALTY EQUIPMENT</b>		<b>Description</b>
S	TYXG3X	<b>POWER TAKE OFF CONTROL</b> mDRIVE SINGLE PTO PREP KIT W/ ILLUMINATED DASH MOUNTED SWITCH & PIPING FOR LOCAL INSTALL
S	183AA1	<b>CRANKSHAFT ADAPTER</b> W/O FRONT ENGINE PTO DRIVE
S	416AA1	<b>REAR ENGINE PTO</b> WITHOUT REAR ENGINE POWER TAKE OFF
S	189AK9	<b>PTO - REAR MOUNTED</b> W/O TRANSMISSION MOUNTED PTO - (mDRIVE ONLY)
S	826016	<b>HYDRAULIC PUMP</b> WITHOUT HYDRAULIC PUMP
S	V7BZ1X	<b>AUXILIARY TRANSMISSION (CA)</b> WITHOUT AUXILIARY TRANSMISSION
S	V8BZ1X	<b>AUX TRANSMISSION LOCATION (CA)</b> WITHOUT AUXILIARY TRANSMISSION LOCATION
S	2WAZ1X	<b>PTO TRANS NEUTRAL CONTRL CHECK</b> W/O NEUTRAL CONTROL
S	3BAZ1X	<b>PTO TRANS SIDE, FREE SPACE</b> WITHOUT PTO TRANSMISSION SIDE, FREE SPACE
S	B83083	<b>BODY BUILDER INTERFACE</b> BODY LINK III W/CAB PASS-THRU
S	997AA2	<b>CERTIFIED WEIGHT</b> CERTIFIED WEIGHT
S	015025	<b>FRAME MODIFICATIONS</b> NO FRAME MODIFICATIONS PROVIDED

<b>CAB (A THRU G)</b>		<b>Description</b>
	I6AA1X	<b>AUXILIARY PNEUMATIC OUTLET CAB</b> AUX. INCAB PNEUMATIC LINE CLEANOUT
S	173AA5	<b>AIR CONDITIONING/HEATER</b> BLEND AIR HVAC W/"ATC" TEMP REGULATION
S	0EAB1X	<b>AIR INTAKE GRILLE, FINISH</b> GRILLE PAINTED GRAY
S	PVXZ1X	<b>AIR RESTRICTION INDICATOR</b> W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)
S	Q2AA1X	<b>CAB INSTEP VERSION</b> FURNISH STANDARD (2) STEP CAB ACCESS OPTION
S	3CAZ1X	<b>DRIVER AUXILIARY FAN</b> W/O CAB FAN, AUX AIR CIRC OPTION
S	145AA1	<b>CAB GLASS</b> TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	Q4XADX	<b>CAB PEEP WINDOW</b> PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND
S	3XAZ1X	<b>DASH INDICATOR - LAMP BODY OUT OF POS</b> W/O OPTIONAL DASH MTD. LIGHT
S	I0XAHX	<b>DOME LAMP, INTERIOR</b> (4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
S	2KXB1X	<b>FRONT WHEEL OPENING</b> FENDER EXTENSIONS
S	786046	<b>FIRE EXTINGUISHER</b> W/O FIRE EXTINGUISHER OPTION
S	184AA2	<b>FLOOR COVERING</b> POLYURETHANE FLOOR MAT
S	PFXZ1X	<b>GAUGE - AMBIENT TEMPERATURE</b> W/O INSIDE/OUTSIDE TEMP GAUGE OPTION
S	CCXZ1X	<b>GAUGE - PACKAGE, SECONDARY</b> WITHOUT SECONDARY GAUGE PACKAGE (SWITCHES ONLY)
	D9AAAX	<b>GAUGE - EXHAUST PYROMETER</b> GAUGE, EXHAUST PYROMETER
S	E1AZ1X	<b>GAUGE - REAR AXLE OIL TEMP</b> WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
S	E2AZ1X	<b>GAUGE - MANIFOLD PRESSURE</b> W/O MANIFOLD PRESSURE GAUGE
S	I2AZ1X	<b>SERVICE TRAILER BRAKE PRESSURE</b> WITHOUT BRAKE PRESSURE APPLICATION GAUGE
S	M3AZ1X	<b>GAUGE - REAR AIR SUSP PRESSURE</b> WITHOUT REAR AIR SUSPENSION GAUGE

S	E0AZ1X	<b>GAUGE - TRANSMISSION OIL TEMP</b>	WITHOUT TRANSMISSION OIL TEMP GAUGE
S	198048	<b>GAUGES - UNIT OF MEASURE</b>	U.S. UNITS (PREDOMINANT)
	5870B7	<b>GRAB HANDLES</b>	BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR WINDSHIELD POST
S	400AA4	<b>GRILLE</b>	SILVER PAINTED W/O GRILLE SURROUND

**CAB (H THRU R)**

**Description**

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S	26XZ1X	<b>HOOD HATCH</b>	WITHOUT HOOD HATCH
S	4UAA1X	<b>HOOD LATCH FINISH</b>	PAINTED HOOD LATCHES
S	154AA2	<b>HORN - AIR</b>	(1) MACK RECTANGULAR SINGLE TRUMPET
S	LXXC1X	<b>HORN - ELECTRICAL</b>	SINGLE TONE
	UQXZ1X	<b>DASH PANEL BOX</b>	W/O UPPER STORAGE OPTION
S	C52082	<b>INSTMNT CLUSTER LANGUAGE</b>	DEFAULT: English, Spanish, French, OPTION: None
S	160AA2	<b>KEYED ALIKE CHASSIS</b>	CHASSIS KEYED AT RANDOM - 2 KEYS
S	13AA1X	<b>DOOR OPENING OPTIONS</b>	W/O ELECTRONIC KEYLESS ENTRY
	152AA7	<b>MIRRORS - EXTERIOR</b>	AERODYNAMIC MOTO MIRROR PACKAGE: RH/LH MOTORIZED & HEATED
S	153AA2	<b>MIRRORS - CONVEX TYPE CAB DOORS</b>	BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
	15H07H	<b>MIRROR - CONVEX HOOD &amp; FENDER</b>	8" ROUND BF FENDER MTD W/SS BRACKETS & ADJ. ARMS R.H. & L.H. (Same as 15H2001)
S	43X50X	<b>MIRRORS - PROXIMITY</b>	W/O OPTIONAL VISIBILITY MIRROR
S	E3XD1X	<b>FORWARD OVERHEAD STORAGE</b>	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
S	17400N	<b>AUDIO ACCOMMODATION</b>	AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
S	73AC1X	<b>ANTENNA - RADIO</b>	RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
S	19AZ1X	<b>ANTENNA - SATELLITE</b>	W/O SATELLITE RADIO ANTENNA
	5BXB5X	<b>ANTENNA - CB RADIO</b>	48" ANTENNA LEFT SIDE MIRROR MOUNTED
S	0LAZ1X	<b>AUDIO SHUTOFF</b>	W/O AUTO RADIO SHUTOFF OPTION
S	1WAB1X	<b>POWER LEADS</b>	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
S	5CXB2X	<b>AUDIO SPEAKER LOCATION</b>	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
S	3JAZ1X	<b>COMMUNICATION RADIO</b>	W/O CB RADIO
S	5JXAIX	<b>COM.RADIO PREP KIT (CB)</b>	CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE
S	2DX90X	<b>REAR CAB SUSPENSION</b>	REAR CAB SUSPENSION, AIR
S	21XA1X	<b>AUXILIARY REAR WINDOW</b>	REAR WINDOW (FIXED TYPE)
S	784014	<b>REFLECTOR KIT</b>	W/O REFLECTOR KIT OPTION
S	2YXZ1X	<b>ROOF HATCH OR COOLER</b>	W/O ROOF VENT VENTILATION
	312AB5	<b>ROOF MARKER LIGHT</b>	(5) GROTE LED LAMPS
S	IFXB1X	<b>REAR WALL STORAGE COMPARTMENT</b>	STORAGE POUCH REAR

**CAB (S THRU Z)**

**Description**



S	004014	<b>INTERIOR TRIM LEVELS</b>	STANDARD PACKAGE, STEEL GRAY (Package 11A)
S	196AAA	<b>SEAT - DRIVER'S</b>	MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR
S	MAPB2X	<b>SEAT COVERING - DRIVER'S</b>	DRIVER'S SEAT - STEEL GREY VINYL
	197AA2	<b>SEAT - PASSENGER'S</b>	MACK-FIXED, HIGH BACK, W/ STORAGE BOX
S	MAQB2X	<b>SEAT COVERING - PASSENGER'S</b>	PASSENGER'S SEAT - STEEL GREY VINYL
S	0HAZ1X	<b>SEAT SUPPORT, DUST COVER</b>	W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS
S	3PXZ1X	<b>SEAT ARMREST</b>	W/O ARM RESTS
	5920G2	<b>SEAT BELT(S)</b>	HEIGHT ADJUSTMENT D-RING SEATBELT LAP & SHOULDER RH/LH ORANGE IN COLOR
S	2QAA1X	<b>IGNITION TYPE</b>	KEY TYPE
S	161005	<b>STEERING WHEEL</b>	2 SPOKE URETHANE GRIP, GUNMETAL SPOKES, W/O SWITCHES
S	U7XB1X	<b>SUN VISOR - INTERIOR, FRONT</b>	SUN VISOR - BOTH SIDES
S	157017	<b>SUN VISOR - EXTERIOR</b>	WITHOUT EXTERIOR SUNVISOR
S	NPXB1X	<b>TURN SIGNALS</b>	SELF CANCELLING TURN SIGNALS
S	JQXAA	<b>WASHER RESERVOIR POSITION</b>	W/O WINDSHIELD WASHER OPTION
S	146AA3	<b>WINDOW CONTROLS</b>	POWER WINDOW LIFT WITH ELECTRIC DOOR LOCK, LH & RH
S	WSXBAX	<b>WINDSHIELD TYPE</b>	2-PIECE WINDSHIELD
S	148AA3	<b>WINDSHIELD WIPERS</b>	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE
S	05AZ1X	<b>WORK LIGHTS - CHASSIS MOUNTED</b>	W/O WORK LIGHTS

#### WHEELS & TIRES

#### Description

S	4WCC1X	<b>GHG STEER TIRE CATEGORY (PAWS)</b>	LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY
	900AC0	<b>TIRES BRAND/TYPE - FRONT</b>	315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS) (Total for QTY = 2)
S	H8CB1X	<b>TIRE SPEED LIMIT</b>	TIRE SPEED LIMIT BASIC
	5310R1	<b>WHEELS - FRONT</b>	22.5x9.00 ACCURIDE ALUM DISC, 10-HOLE HUB PILOTED (Total for QTY = 2)
	49AA1X	<b>WHEEL FINISHING, FRONT</b>	POLISHED ALUMINUM DISC OUTSIDE SURFACE ONLY (Total for QTY = 2)
S	FWT002	<b>FRONT AXLE TIRE &amp; WHEEL QUANTITY</b>	TWO FRONT TIRES & WHEELS
	4XCG1X	<b>GHG DRIVE TIRE CATEGORY (PAWS)</b>	OTHER (NON-SPECIFIED), VERY POOR FUEL ECONOMY
	9013E1	<b>TIRES BRAND/TYPE - REAR</b>	11R22.5 G BRIDGESTONE M726 EL A (DRIVE ONLY) (Total for QTY = 8)
	346AF3	<b>WHEELS - REAR</b>	22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLE (11 1/4"/286 mm BC) wgt reduc'd (Total for QTY = 8)
S	2YAZ1X	<b>REAR WHEEL RIM CLAMP</b>	WITHOUT REAR WHEEL RIM CLAMP
	235085	<b>REAR DISC WHEEL:POLISH</b>	W/O REAR DISC WHEEL BRIGHT FINISH (Total for QTY = 8)
S	RWT008	<b>REAR AXLE TIRE &amp; WHEEL QUANTITY</b>	EIGHT REAR AXLE TIRES & WHEELS
	H1EA1X	<b>DRIVE WHEEL STUDS</b>	DRIVE WHEEL STUDS BASIC LENGTH
S	FIXZ1X	<b>HUB/WHEEL ISOLATOR FRONT</b>	W/O FRONT WHEEL GUARD OPTION
S	FMXZ1X	<b>HUB/WHEEL ISOLATOR DRIVE</b>	W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
S	6VXZ1X	<b>SPARE WHEEL</b>	W/O SPARE WHEEL W/TIRE

<b>COMMUNICATION SYSTEMS</b>			<b>Description</b>
S	9XDZ1X	<b>SOFTWARE DOWNLOAD PASSWORD</b>	WITHOUT SOFTWARE DOWNLOAD PASSWORD
S	9YDZ1X	<b>SOFTWARE DOWNLOAD NOTIFICATION</b>	WITHOUT SOFTWARE DOWNLOAD NOTIFICATION
S	3YAA1X	<b>CO-PILOT - DISPLAY FEATURES ACCESS LEVEL</b>	DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1
S	621000	<b>QUAL-COMM FACTORY PREP KITS</b>	W/O NAVIGATION/COMM DEVICE
S	3RAZ1X	<b>FLEET TRIP MANAGEMENT</b>	WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL
S	M30060	<b>TELEMATIC GATEWAY</b>	GUARDDOG CONNECT WITH 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
	U5CZ1X	<b>REMOTE SOFTWARE UPGRADE</b>	WITHOUT REMOTE SOFTWARE UPGRADE

<b>VEHICLE ELECTRONICS</b>			<b>Description</b>
S	X3CB1X	<b>DRIVER ID FUNCTION</b>	DRIVER ID FUNCTION, DISABLED
S	X5CZ1X	<b>DRIVER ID, RESET TIMER</b>	WITHOUT RESET DRIVER ID TIMER
S	X4CZ1X	<b>DRIVER ID, ALERT TIMER</b>	WITHOUT DRIVER ID ALERT TIMER
S	E7AZ1X	<b>FUEL ECONOMY INCENTIVE PROGRAM</b>	WITHOUT FUEL ECONOMY INCENTIVE PROGRAM
S	E8AZ1X	<b>FUEL ECON RWRD, SPD LMT INCRS</b>	WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE
S	E9AZ1X	<b>FUEL ECON PNLTY, SPD LMT DCRS</b>	WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE
S	4IAZ1X	<b>FUEL ECONOMY REWARD TARGET</b>	WITHOUT FUEL ECONOMY REWARD TARGET
S	4JAZ1X	<b>FUEL ECONOMY PENALTY TARGET</b>	WITHOUT FUEL ECONOMY PENALTY TARGET
S	4KAZ1X	<b>FUEL ECON CALC DISTANCE INTER</b>	WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL
S	G5AAHX	<b>ENGINE OVERSPEED,ALL COND, LOG</b>	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	G2AAGX	<b>ENGINE OVERSPEED,FUELED, LOG</b>	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	G4AAUX	<b>VEHICLE OVERSPEED,ALL COND,LOG</b>	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	G3AAPX	<b>VEHICLE OVERSPEED, FUELED, LOG</b>	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
S	G1AABX	<b>ENGINE IDLE DELAY TO LOG</b>	ENGINE IDLE DELAY TO START LOG, 2 MIN
S	W7AZ1X	<b>PERIODIC TRIP LOG HOUR OF DAY</b>	WITHOUT PERIODIC TRIP LOG, HOUR
S	W8AZ1X	<b>PERIODIC TRIP LOG DAY OF WEEK</b>	WITHOUT PERIODIC TRIP LOG, DAY OF WEEK
S	W9A01X	<b>PERIODIC TRIP LOG DAY OF MONTH</b>	PERIODIC TRIP LOG, DAY 1 OF THE MONTH
S	R4BA1X	<b>PRE-TRIP DIAGNOSTIC INSPECTION</b>	PRE-TRIP DIAGNOSTICS INSPECTION, BASIC
S	W8BZ1X	<b>SERVICE ALERT</b>	WITHOUT SERVICE ALERT
S	P6X99X	<b>SERVICE ALERT SYSTEM</b>	WITHOUT SERVICE ALERT SYSTEM

S	W5AZ1X	<b>MAINTENANCE DUE ALERT %</b>	WITHOUT MAINTENANCE DUE ALERT PERCENTAGE
S	WOXA1X	<b>OIL PRESSURE, ENGINE SHUTDOWN</b>	OIL PRESSURE, ENGINE SHUTDOWN
S	WIXZ1X	<b>COOLANT LEVEL, ENGINE SHUTDOWN</b>	WITHOUT COOLANT LEVEL ENGINE SHUTDOWN
S	WMXA1X	<b>COOLANT TEMP, ENGINE SHUTDOWN</b>	COOLANT TEMP, ENGINE SHUTDOWN
S	K5XA2X	<b>ENGINE PROTECTION SYSTEM</b>	ENGINE PROTECTION (SHUTDOWN)
S	D0AZ1X	<b>ENG FAN CNTL, STAT VEHICLE</b>	WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE
S	C9AZ1X	<b>ENG FAN CONTROL,MOVING VEHICLE</b>	WITHOUT ENG FAN CONTROL, MOVING VEHICLE
S	D1AZ1X	<b>ENG.FAN CNTL MVG VHC.TIME SET</b>	WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING
S	C8AZ1X	<b>FAN ENGAGEMENT DUE TO PTO</b>	WITHOUT FAN ENGAGEMENT DUE TO PTO
S	C7AZ1X	<b>ENG FAN CNTL, A/C ON, TIME SET</b>	WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING
S	A4BAAX	<b>DETECTION SPEED SENSR TMPRNG</b>	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	8RXAEX	<b>ENG TORQUE LIMIT,SPEED SENSOR</b>	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	X8CZ1X	<b>HIGH IDLE SPEED-UPR GRS FEATUR</b>	ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED
S	A3BZ1X	<b>HIGH IDLE SPEED-UPPER GRS RPM</b>	WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS
S	Z2CZ1X	<b>1ST RATIO FOR REDUCD HIGH IDLE</b>	WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE
S	Z3CZ1X	<b>LAST RATIO FOR FULL HIGH IDLE</b>	WITHOUT LAST RATIO FOR FULL HIGH IDLE
S	F2AZ1X	<b>PTO 1ST, SINGLE SPEED CONTROL</b>	WITHOUT PTO 1ST, SINGLE SPEED CONTROL
S	F3AAEX	<b>PTO1 SINGLE SPEED CONTROL RPM.</b>	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM
S	F5AABX	<b>PTO 1ST, MAX ROAD SPEED</b>	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
S	F6AABX	<b>PTO 1ST, SPEED RAMP RATE</b>	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC
S	F7AAPX	<b>PTO 1ST, MAX ENGINE SPEED</b>	PTO 1ST, MAX ENGINE SPEED, 2100 RPM
S	F8AAGX	<b>PTO 1ST, ROAD SPEED LIMIT</b>	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S	X3AZ1X	<b>PTO 1ST,JUMP TO MIN ENG SPEED</b>	WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED
S	F9AABX	<b>PTO 1ST, MINIMUM ENGINE SPEED</b>	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM
S	G0AZ1X	<b>PTO 1ST,AUTO SET SINGLE SPEED</b>	PTO 1ST, AUTO SET SINGLE SPEED, DISABLE
S	H2AZ1X	<b>PTO 2ND, SINGLE SPEED CONTROL</b>	WITHOUT 2ND PTO, SINGLE SPEED CONTROL
S	H6AAEX	<b>PTO 2ND, SINGLE SPEED SETTING</b>	PTO2 SINGLE SPEED SETTING, 1000 RPM
S	H0AABX	<b>PTO 2ND, MAX ROAD SPEED</b>	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
S	G9AABX	<b>PTO 2ND, SPEED RAMP RATE</b>	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC
S	H7AANX	<b>PTO 2ND, MAX ENGINE SPEED</b>	PTO 2ND, MAX ENGINE SPEED, 2100 RPM
S	H5AAGX	<b>PTO 2ND, ROAD SPEED LIMIT</b>	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S	X4AZ1X	<b>PTO 2ND,JUMP TO MIN ENG SPEED</b>	WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED

S	G8AABX	<b>PTO 2ND, MINIMUM ENGINE SPEED</b>	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM
S	H4AZ1X	<b>PTO 2ND,AUTO SET SINGLE SPEED</b>	PTO 2ND, AUTO SET SINGLE SPEED, DISABLE
S	Y9CR1X	<b>TRANS PTO1 SPLITTER RANGE</b>	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	Z1CR1X	<b>TRANS PTO2 SPLITTER RANGE</b>	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	W5BZ1X	<b>MAXIMUM ENG SPEED AT 0 MPH</b>	WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH
S	O1AZ1X	<b>ACCELERATOR LIMITER</b>	WITHOUT ACCELERATOR LIMITER
S	JCXE6X	<b>ROAD SPEED LIMITER SETTING</b>	105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)
S	Y3CC5X	<b>PEDAL RSL SETTING</b>	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)
S	U4AZ1X	<b>LOW GEAR LIMITING FEATURE</b>	WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE
S	U5AZ1X	<b>LOW GEAR LIMITING SPEED</b>	WITHOUT LOW GEAR VEHICLE LIMITING SPEED
S	X2BZ1X	<b>ROAD SPEED LIMIT CONTROL TYPE</b>	WITHOUT WITH RSL CONTROL TYPE
S	L1CZ1X	<b>PDLO ENGAGE VLS FEATURE</b>	DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT
S	L2CA1X	<b>PDLO ENGAGED VLS</b>	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)
S	JFXLLX	<b>CRUISE CONTROL, MAX SPEED</b>	MAX CRUISE, 105 KPH (65 MPH)
S	E3AACX	<b>CRUISE CONTROL MIN SPEED</b>	MIN CRUISE, 32 KPH (20 MPH)
S	E4AAAX	<b>CRUISE RESUME WITH CLUTCH</b>	CRUISE RESUME WITH CLUTCH
S	E5AACX	<b>ENG BRK ENGAGE IN CRUISE</b>	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED
S	JDXA1X	<b>CRUISE CONTROL</b>	WITH CRUISE CONTROL
S	L6CZ1X	<b>PTO1 HOLD TO NEAREST RPM</b>	WITHOUT PTO1 HOLD
S	L7CZ1X	<b>PTO1 ACCEL BUMP-UP RPM</b>	WITHOUT PTO1 ACCEL "BUMP-UP"
S	L8CZ1X	<b>PTO1 DECEL BUMP-DOWN RPM</b>	WITHOUT PTO1 DECEL "BUMP-DOWN"
S	L3CZ1X	<b>PTO2 HOLD TO NEAREST RPM</b>	WITHOUT PTO2 HOLD
S	L4CZ1X	<b>PTO2 ACCEL BUMP-UP RPM</b>	WITHOUT PTO2 ACCEL "BUMP-UP"
S	L5CZ1X	<b>PTO2 DECEL BUMP-DOWN RPM</b>	WITHOUT PTO2 DECEL "BUMP-DOWN"
S	K7XH3X	<b>ENGINE IDLE CONTROL</b>	IDLE CONTROL, 650 RPM
S	I1AZ1X	<b>LOW IDLE RPM ADJUSTMENT</b>	WITHOUT LOW IDLE RPM ADJUSTMENT
S	M6AZ1X	<b>ENGINE IDLE ADJUST</b>	WITHOUT ENGINE IDLE ADJUST
S	X0AB0X	<b>SMART IDLE ELEVATED IDLE RPM TIME</b>	INCREASE 10 MINUTE MAXIMUM TIME
S	M3CA1X	<b>IDLE S/D ABS TAMPER CHECK</b>	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	B2AZ1X	<b>ENGINE IDLE COOLDOWN</b>	ENGINE IDLE COOLDOWN, DISABLE
S	A3AZ1X	<b>IDLE SHUTDOWN</b>	ENGINE IDLE SHUTDOWN, DISABLE
S	E0XGAX	<b>ENGINE IDLE SHUTDOWN TIME</b>	IDLE SHUTDOWN TIME 10 MIN.
S	B1ACAX	<b>IDLE S/D WARNING TIME</b>	30 SEC IDLE S/D WARNING TIME
S	A8AALX	<b>IDLE S/D IF WARM-UP TEMP</b>	38C DEG (100F), WARM UP TEMP DELAY

S	A4AAEX	<b>IDLE S/D WARM-UP TIMER</b>	5 MIN. WARM UP TIME DELAY
S	A7AZ1X	<b>IDLE S/D IF EHT ACTIVE</b>	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE
S	A6AABX	<b>IDLE S/D IF PTO ACTIVE</b>	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE
S	B0AAAX	<b>IDLE SHUTDOWN IF POWER &gt; LIMIT</b>	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	M4CB1X	<b>IDLE S/D OVERRIDE %ENGINE LOAD</b>	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	A9AZ1X	<b>IDLE SHUTDOWN CONTROL</b>	WITHOUT IDLE SHUTDOWN CONTROL
S	D2AAFx	<b>AMBIENT TEMP MIN TRESHOLD</b>	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	D3AAEX	<b>AMBIENT TEMP MAX TRESHOLD</b>	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	B3ABAX	<b>EL HD THROTTLE,MAX ROAD SPEED</b>	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)
S	B6ACEX	<b>EL HAND THROTTLE,MAX ENG SPEED</b>	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM
S	B4ADAX	<b>EL HAND THROTTLE,MIN ENG SPEED</b>	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM
S	B9AABX	<b>EL HD THROTTLE,SPEED RAMP RATE</b>	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC
S	B7AZ1X	<b>EL HD THROTTLE,SGL SPEED CNTRL</b>	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL
S	B8AZ1X	<b>EL HAND THROTTLE,SGL SPEED SET</b>	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING
S	C0AZ1X	<b>EHT, JUMP TO MIN ENG SPEED</b>	WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED
S	L9CZ1X	<b>EHT HOLD TO NEAREST RPM</b>	WITHOUT ELECTRONIC HAND THROTTLE HOLD
S	M1CZ1X	<b>EHT ACCEL BUMP-UP RPM</b>	WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"
S	M2CZ1X	<b>EHT DECEL BUMP-DOWN RPM</b>	WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"
S	X1AZ1X	<b>DRL OVERRIDE SW TIMED</b>	WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW
S	X2AZ1X	<b>DRL OVERRIDE SPEED THRESHOLD</b>	WITHOUT DRL OVERRIDE SPEED THRESHOLD

<b>PAINT</b>		<b>Description</b>
S	950AD0	<b>PAINT/VINYL STRIPING - CAB EXTERIOR</b> SINGLE COLOR
S	924014	<b>PAINT TYPE</b> SOLID PAINT
S	944AA7	<b>PAINT COLOR - FIRST COLOR</b> MACK WHITE (HIGH GLOSS)
S	945998	<b>PAINT COLOR - SECOND COLOR</b> NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	946998	<b>PAINT COLOR - THIRD COLOR</b> NO THIRD TRUCK COLOR PROVIDED; NO COLOR
S	996AA3	<b>PAINT - CAB PAINT SYSTEM</b> PAINT - CAB, URETHANE CLEAR COAT
S	MPB944	<b>CAB COLOR</b> SAME AS FIRST COLOR - CAB
S	MPD944	<b>PAINT: HOOD COLOR</b> SAME AS FIRST COLOR- HOOD
S	943998	<b>CHASSIS FAIRING COLOR</b> WITHOUT CHASSIS FAIRINGS
S	MPA998	<b>PAINT: ROOF FAIRING COLOR</b> WITHOUT ROOF FAIRING

S	966998	SUN VISOR COLOR	WITHOUT SUN VISOR PAINT
S	951AA6	PAINT - CHASSIS RUNNING GEAR	MACK BLACK (URETHANE)
S	940998	MIRROR COVER COLOR	WITHOUT MIRROR COVER PAINT
S	958018	PAINT:BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR
	959069	PAINT:FUEL TANK	PAINT FUEL TANK SAME COLOR AS CHASSIS RUNNING GEAR
	7HBA1X	FUEL TANK PAINT PROCESS CODE	SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
	07XZ1X	FRONT WHEEL PAINT	WITHOUT SPECIAL PRE-FINISHED OPTION
	08XC1X	DRIVE WHEEL PAINT	PRE-FINISHED POWDER COAT WHITE
S	954AA1	PAINT:DISC WHEELS-FRONT	WITHOUT PAINT
S	955AA1	PAINT:DISC WHEELS-REAR	WITHOUT PAINT
S	956016	PAINT:DEMOUNT.RIMS-FRONT	WITHOUT PAINT
S	957027	PAINT:DEMOUNT.RIMS-REAR	WITHOUT PAINT
S	952AA1	PAINT:SPOKE WHEELS-FRONT	WITHOUT OPTIONAL SPOKE WHEEL PAINT
S	953AA1	PAINT:SPOKE WHEELS-REAR	WITHOUT OPTIONAL SPOKE WHEEL PAINT
S	962032	PAINT:HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR
S	963033	PAINT:HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR

**CALCULATED CODES - KAX**

**Description**

S	9JXA1X	PROPCALC SELECTION	YES, THE ORDER MUST BE CALCULATED
	D5EA1X	AUTO ROUTING & CLIPPING, CENTER	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION

**BASE WARRANTY & PURCHASED COVERAGES**

**Description**

S	M98018	WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION
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)
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)
S	M53Z1X	MACK ENGINE EXHAUST AFTER TREATMENT COVERAGE	W/O MACK ENGINE EXHAUST AFTERTREATMENT TREATMENT PROTECTION PLAN
S	M54104	TRANSMISSION WARRANTY	36 MONTHS: STANDARD mDRIVE HD TRANSMISSIONS HEAVY DUTY WARRANTY
S	M710J1	mDRIVE CLUTCH PROTECTION PLAN	WITHOUT mDRIVE CLUTCH PROTECTION PLAN
S	M55035	CARRIER & AXLE HOUSING WARRANTY	STANDARD MACK HEAVY DUTY COVERAGE 36 MONTHS / 350,000 (563,000 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	<b>ENGINE TOWING WARRANTY</b>	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)
S	M61Z1X	<b>ALTERNATOR &amp; STARTER WARRANTY</b>	W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE
S	M59Z1X	<b>STARTER WARRANTY</b>	W/O STARTER PURCHASED COVERAGE
S	M60Z1X	<b>ALTERNATOR WARRANTY</b>	W/O ALTERNATOR PURCHASED COVERAGE
S	M690F9	<b>GUARDDOG CONNECT BUNDLE</b>	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall))
S	M72Z1X	<b>OMNITRACS FOR MACK TRUCKS</b>	WITHOUT OMNITRACS FOR MACK TRUCKS
S	M68Z1X	<b>PARTNERED SERVICES</b>	W/O TELOGIS PACKAGE
S	M65Z1X	<b>PREMIUM MAINTENANCE PLAN 1 &amp; PLAN 2</b>	W/O PREMIUM MAINTENANCE PLAN
S	M66Z1X	<b>PREMIUM MAINTENANCE AFTERTREATMENT PLAN</b>	W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN
S	M67017	<b>PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION</b>	W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE
S	M99000	<b>CUSTOM/BUNDLED PURCHASE COVERAGE OPTIONS</b>	W/O CUSTOM/BUNDLED PURCHASE COVERAGE OPTION





# E-VERIFY CERTIFICATION

I, \_\_\_\_\_ (the individual signing below), being duly authorized by and on behalf of \_\_\_\_\_ (the Company, Contractor or Vendor entity hereinafter "Employer") hereby certify the following:

1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
  
2. Employer understands that Employers must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS§64-26(a).
  
3. Employer is a person, business entity, or other organization that transacts business in this North Carolina and that employs 25 or more employees in this State. (mark Yes or No)
  - a. YES \_\_\_\_\_, or
  - b. NO \_\_\_\_\_
  
4. Employer's subcontractors comply with E-Verify, and Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

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Signature of Certifying Official

Date

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Printed Name

Title

**CERTIFICATION OF ELIGIBILITY  
Under the Iran Divestment Act**

Pursuant to G.S. 147-86.59, any person identified as engaging in investment activities in Iran, determined by appearing on the Final Divestment List created by the State Treasurer pursuant to G.S. 147-86.58, is ineligible to contract with the State of North Carolina or any political subdivision of the State. The Iran Divestment Act of 2015, G.S. 147-86.55 *et seq.*\* requires that each vendor, prior to contracting with the State certify, and the undersigned on behalf of the Vendor does hereby certify, to the following:

1. that the vendor is not identified on the Final Divestment List of entities that the State Treasurer has determined engages in investment activities in Iran;
2. that the vendor shall not utilize on any contract with the State agency any subcontractor that is identified on the Final Divestment List; and
3. that the undersigned is authorized by the Vendor to make this Certification.

Vendor: \_\_\_\_\_

By: \_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Printed Name Title

The State Treasurer's Final Divestment List can be found on the State Treasurer's website at the address:  
<https://www.nctreasurer.com/inside-the-department/OpenGovernment/Pages/Iran-Divestment-Act-Resources.aspx>  
and will be updated every 180 days. For questions about the Department of State Treasurer's Iran Divestment Policy, please contact Meryl Murtagh at *Meryl.Murtagh@nctreasurer.com* or (919) 814-3852.

\* Note: Enacted by Session Law 2015-118 as G.S. 143C-55 *et seq.*, but has been renumbered for codification at the direction of the Revisor of Statutes.