



# TECHNICAL SPECIFICATION

## PINNACLE 64R DAYCAB

CUSTOMER/VEHICLE INFO		DESCRIPTION
S	CHASSIS (BASE MODEL)	PINNACLE 64R DAYCAB
S	ASSEMBLY PLANT	Made in Macungie, PA USA
	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	TYPE OF SERVICE	COMMERCIAL
S	WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION
	EMISSION WARRANTY CERTIFICATION	EPA (only) for Mack MP7 / MP8 Diesel
	INITIAL REGISTRATION LOCATION	USA REGISTRATION
S	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
	VEHICLE USE & BODY/TRAILER TYPE	FREIGHT- LOCAL TRUCK
	TRAILER TYPE	WITHOUT TRAILER TYPE
S	TRANSPORT CYCLE	LOCAL DISTRIBUTION
S	GROSS COMBINATION WEIGHT (CA in PC29 only)	TRUCK ONLY - NO TRAILER TOWING PROVISIONS PROVIDED
S	BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
	TOPOGRAPHY	GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%
S	AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
S	TERRAIN GRADE	ON HIGHWAY, STARTING GRADES<16%
S	LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE
S	VEHICLE VOCATION	LINEHAUL / LONG HAUL SERVICE

ENGINE/TRANSMISSIONS		DESCRIPTION
S	ENGINE PACKAGE, COMBUSTION	MP8-415C MACK 415HP @ 1400-1700 RPM (PEAK) 1950 RPM (GOV) 1660 LB-FT, US'21
S	GEAR SELECTION TUNING	BASIC, GEAR-SELECTION TUNING
S	GHG APPLICATION, VEHICLE	GREEN HOUSE GAS VOCATIONAL APPLICATION
S	TRANSMISSION	MACK TMD12AFO mDRIVE 12 SP-(OVERDRIVE)
S	GEARBOX 12TH GEAR LOCK-OUT	WITHOUT 12TH GEARBOX GEAR LOCK-OUT

EXHAUST/EMISSIONS		DESCRIPTION
S	CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, CARB (WITH DECAL LOCATED ON LOWER LH CORNER / DRIVER DOOR)
S	DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21
S	CHASSIS MOUNTED EMISSIONS FINISH	PAINTED DEF & DPF COVER
S	DEF TANK	18.4 GALLON (70 L) 26" LEFT SIDE FRAME MOUNTED
S	AD-BLUE TANK VENTILATION FILTER	WITHOUT DEF TANK VENTILATION FILTER
S	EXHAUST	SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT END
S	EXHAUST STACK HEIGHT	11' 6" FROM GROUND
S	EXHAUST SYSTEM MATERIAL FINISH	W/O BRIGHT FINISH EXHAUST
	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2021

ENGINE EQUIPMENT		DESCRIPTION
S	AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD
S	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	AIR COMPRESSOR/DRYER	WABCO AIR DR SS-HP AIR DRYER W/ WABCO 318 (18.7 CFM) AIR COMPRESSOR
S	AIR DRYER POSITION (CA)	AIR DRYER POSITION STANDARD
S	ALTERNATOR	DELCO 12V 160A (28SI) BRUSH-TYPE
S	BATTERIES	(3) MACK 12V 650/1950 CCA THREADED STUD TYPE
S	BATTERY BOX - MOUNTING	RH RAIL UNDER CAB (3 BATTERY MAX)
S	BATTERY BOX COVER	MOLDED PLASTIC
S	STARTER MOTOR	12 VOLT DELCO 39MT-MXT
S	ENGINE BRAKE	MACK MP8 POWERLEASH
S	ENGINE BRAKE LIGHTING (CA)	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)
S	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
S	COOLANT PROTECTION	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG, W/ FILTER
	RADIATOR TYPE	RADIATOR, CORE AREA W/O FEPTO 1345sq in (86sq dm), CORE AREA W/ FEPTO 1296sq in (83sq dm)
S	HOSES - RADIATOR/HEATER	MACK EPDM RADIATOR & HEATER HOSES
S	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE W/ HOT RECIRCULATION (INTEGRAL W/ PRIMARY FUEL FILTER)
S	PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION
S	ENGINE HEATERS	NO COLD WEATHER STARTING AIDS PROVIDED
S	OIL PAN	OIL PAN
S	TETHER DEV PKG, CAPS & COVERS	FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK
S	ENGINE STOP, EMERGENCY (CA in PC29 only)	WITHOUT ENGINE STOP, EMERGENCY

CLUTCH/TRANS EQUIPMENT		DESCRIPTION
S	GEAR SHIFTER	MACK mDRIVE-PREMIUM SHIFTER
S	CLUTCH	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL
S	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM
S	DRIVELINE - MAIN	MERITOR RPL25 W/PERMALUBE U-JOINTS (PROPS-M)
S	DRIVELINE - INTERAXLE	MERITOR RPL20 W/PERMALUBE
S	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE
S	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT
S	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC

CLUTCH/TRANS EQUIPMENT		DESCRIPTION
S	BELL HOUSING	ALUMINUM
S	LUBRICANTS, TRANSMISSION	SYNTHETIC OIL IN TRANSMISSION
S	TRANSMISSION OIL COOLER	MAK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO WATER COOLER

FRONT AXLE EQUIPMENT		DESCRIPTION
S	FRONT AXLE	12000# (5400 KG) MAK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
S	SPRINGS - FRONT	MAK TAPERLEAF HD 12000# (5400 KG) GROUND LOAD RATING, EQUAL BIAS
S	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 5" Q+
S	BRAKE, FRONT	CAST IRON
S	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC
S	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, HALDEX
S	HUB MATERIAL, FRONT	ALUMINUM
S	STEERING	TRW THP60 POWER
S	LUBRICANTS, FRONT AXLE	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE

REAR AXLE EQUIPMENT		DESCRIPTION
S	REAR AXLES - TANDEM	40000# (18100kg) MERITOR MT40-14X4C AMBOID (HIGH ENTRY)
S	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE
S	CARRIER - REAR AXLE	VENDOR CARRIER
	REAR AXLE RATIO	3.08 RATIO
S	REAR SUSPENSION - TANDEM	MAXLITE 40 EZ (GEN 2) 40000#
S	BOGIE SPREAD, REAR	52" AXLE SPACING (BOGIE WHEELBASE)
S	SUSPENSION LEVELLING DEVICE (CA in PC29 only)	ELECTRICAL REGULATION LEVELING DEVICE
S	AIR SUSPENSION DUMP WARNING	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
S	REAR SHOCK ABSORBER	REAR SHOCK ABSORBER
S	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD - ALL AXLES
S	BRAKES - REAR	MERITOR "S" CAM - 16.5"x7" Q+ LIGHTWEIGHT BRAKE STAMPED STEEL SPIDERS (Total for QTY = 2)
S	BRAKE, DRIVE, REAR	CAST IRON
S	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC (Total for QTY = 2)
	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
	BRAKE ORI REAR-MOST DRIVE AXLE	DRUM BRAKE CHAMBER ORIENTATION: Middle Mount - Forward of Axle - Chamber Up
S	REAR BRAKE CHAMBER	HALDEX "GOLD SEAL PLUS" (3" STROKE) BRAKE CHAMBERS (Total for QTY = 2)
S	HUB MATERIAL, DRIVE	ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT
S	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT
S	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE 80W-90
S	ANTILOCK BRAKE SYSTEM	BENDIX WITH TRACTION CONTROL 4S4M
S	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE

FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION
	WHEELBASE	207"
S	AF (OVERHANG)	56"
S	FRAME RAILS & LINERS	6 x 90 x 266mm - (0.24" x 3.54" x 10.47"); RBM 1,390,000 LB-IN
S	CROSSMEMBERS	STEEL
S	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER

FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION
S	REAR FRAME TREATMENT	WITHOUT TAPERED FRAME RAIL ENDS
S	MUDFLAP, FRONT AXLE	BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)
S	FRONT BUMPER	FLUSH-STAINLESS CLAD ALUMINUM
S	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
S	FUEL TANK - LH	93 GALLON (350 L) 26" ALUMINUM ROUND
S	FUEL TANK - RH	93 GALLON (350 L) 26" ALUMINUM ROUND
S	FUEL HOSES, LIQUID	NYLON TUBE
S	FUEL FILLER NECK OPTIONS	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP
	FUEL LINE OPTIONS, LIQUID	DUAL DRAW AND RETURN FUEL SYSTEM
S	CAB INSTEP VERSION	STANDARD 2 STEP CAB ACCESS

AIR/BRAKE		DESCRIPTION
S	AIRTANK DRAIN VALVE	MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY
S	AIRTANK MATERIAL	STEEL AIR TANK PAINTED CHASSIS COLOR
S	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS
S	PARKING BRAKE VALVE	SINGLE VALVE SYSTEM

ELECTRICAL		DESCRIPTION
S	ROOF & SIDE MARKER LIGHTS	(5) TRUCKLITE CHROME BULLET ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL
S	DAYTIME RUNNING LIGHTS	W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED
S	DRL OVERRIDE SPEED THRESHOLD	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)
S	TAIL LAMPS	LED TYPE TAIL LAMP MODULE MTD BELOW REAR CROSSMEMBER

PTO		DESCRIPTION
S	PTO - REAR MOUNTED	W/O TRANSMISSION MOUNTED PTO - (mDRIVE ONLY)
S	PTO TRANS NEUTRAL CONTRL CHECK	W/O NEUTRAL CONTROL

SPECIALTY EQUIPMENT		DESCRIPTION
S	LANE SUPPORT SYSTEM (LSS)	WITHOUT LANE SUPPORT SYSTEM
S	DATA CAPTURE	WITHOUT DATA CAPTURE
S	CAMERA, SURVEILLANCE	WITHOUT CAMERA

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

CAB INTERIOR (H THRU R)		DESCRIPTION
S	INSTMNT CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH
S	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM
S	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY

CAB INTERIOR (H THRU R)		DESCRIPTION
S	<b>FORWARD OVERHEAD STORAGE</b>	COMPARTMENT W/NET
S	<b>AUDIO ACCOMMODATION</b>	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH
S	<b>ANTENNA - RADIO</b>	48" ANTENNA RIGHT SIDE MIRROR MOUNTED
S	<b>AUDIO SHUTOFF</b>	AUTO SHUTOFF FOR RADIO ENTERTAINMENT SYSTEM WHEN VEHICLE IS ENGAGED IN REVERSE
S	<b>POWER LEADS</b>	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
S	<b>AUDIO SPEAKER LOCATION</b>	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
S	<b>COM.RADIO PREP KIT (CB)</b>	MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE
S	<b>AUXILIARY REAR WINDOW</b>	REAR WINDOW (FIXED TYPE)
S	<b>REAR WALL STORAGE COMPARTMENT</b>	STORAGE POUCH REAR

CAB INTERIOR (S THRU Z)		DESCRIPTION
S	<b>INTERIOR TRIM LEVELS</b>	STANDARD PACKAGE, STEEL GRAY (Package 11A)
S	<b>SEAT - DRIVER'S</b>	MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR
S	<b>SEAT COVERING - DRIVER'S</b>	DRIVER'S SEAT - STEEL GREY VINYL
S	<b>SEAT - PASSENGER'S</b>	MACK-FIXED, HIGH BACK
S	<b>SEAT COVERING - PASSENGER'S</b>	PASSENGER'S SEAT - STEEL GREY VINYL
S	<b>SEAT BELT(S)</b>	LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT (NOT AVAIL W/EXTENDED RIDER SEAT)
S	<b>IGNITION TYPE</b>	KEY TYPE
S	<b>STEERING WHEEL</b>	2 SPOKE URETHANE GRIP, GUNMETAL SPOKES, W/O SWITCHES
S	<b>WINDSHIELD TYPE</b>	TWO PIECE WINDSHIELD
S	<b>CAB GLASS</b>	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	<b>WINDSHIELD WIPERS</b>	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

CAB - SLEEPER BOX		DESCRIPTION
S	<b>REFRIGERATOR</b>	W/O SLEEPER BOX REFRIGERATOR

CAB EXTERIOR		DESCRIPTION
S	<b>EMBLEMS OPTION</b>	W/O MISC ORNAMENT CHANGE OPTION
S	<b>AIR INTAKE GRILL FINISH</b>	BLACK AIR INTAKE WITH BLACK HOOD LATCHES
S	<b>GRILLE</b>	HERITAGE DESIGN CHROME GRILLE W/ BLACK BACKGROUND
S	<b>PASSENGER SIDE VISIBILITY OPTIONS</b>	AUXILIARY WINDOW IN RH DOOR
S	<b>GRAB HANDLES</b>	PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST
S	<b>HORN - AIR</b>	(1) MACK RECTANGULAR SINGLE TRUMPET
S	<b>HORN - ELECTRICAL</b>	SINGLE TONE
S	<b>MIRRORS - EXTERIOR</b>	AERO MIRROR - BODY COLOR, HEATED & MOTORIZED both sides, WIDE ANGLE both sides, W/O LAMPS

AERODYNAMIC DEVICES		DESCRIPTION
S	<b>CAB AERODYNAMIC PACKAGES</b>	WITHOUT CAB AERODYNAMIC DEVICES
S	<b>FRONT CHASSIS AERODYNAMIC PACKAGE</b>	WITHOUT FRONT AERODYNAMIC FAIRINGS

WHEELS & TIRES		DESCRIPTION
S	<b>TIRES BRAND/TYPE - FRONT</b>	11R22.5 G BRIDGESTONE R268 ECOPIA (12350 lbs) (Total for QTY = 2)

WHEELS & TIRES		DESCRIPTION
S	WHEELS - FRONT	22.5x8.25 ACCURIDE ACCU-LITE WHITE POWDER COAT STEEL, 6.60" OFFSET, 5 HAND HOLE (Total for QTY = 2)
S	TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 8)
S	WHEELS - REAR	22.5x8.25 ACCURIDE ACCU-LITE WHITE POWDER COAT STEEL, 6.60" OFFSET, 5 HAND HOLE (Total for QTY = 8)
S	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH
S	TIRE INFLATION VALVE	STANDARD VALVE STEMS AND CAPS
S	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM
S	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM (Total for QTY = 2)
S	WHEEL NUT & FINISH, FRONT	WHEEL NUT BASIC FINISH, FRONT
S	WHEEL NUT FINISH, REAR (CA)	WHEEL NUT BASIC FINISH, REAR

COMMUNICATION SYSTEMS		DESCRIPTION
S	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1
S	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
S	SOFTWARE DOWNLOAD NOTIFICATION	SOFTWARE DOWNLOAD NOTIFICATION TO DRIVER, POPUP & ICON

ENGINE ELECTRONICS		DESCRIPTION
S	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN
S	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN
S	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)
S	ENG FAN CNTL, A/C ON, TIME SET	ENG FAN CONTROL, A/C ON, TIME SETTING, 60 SEC
S	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM
S	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME
S	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY
S	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY
S	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KM/H (10 MPH)
S	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 1000 RPM
S	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM

TRANSMISSION ELECTRONICS		DESCRIPTION
S	TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	mDRIVE- NORMAL - EMAX, ECON, & PERF DRIVE MODES, AUTO RETURN (premium)
S	ECONO ROLL	ECONO ROLL DISABLE mDRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)
S	TRANSMISSION KICK-DOWN MODE	MACKCELLERATOR ENABLE
S	TRANSMISSION ELECTRONICS PACKAGE	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)
S	TRANSM AUTO NEUTRAL ON P-BRAKE	mDRIVE TRANSMISSION PARK BRAKE AUTO NEUTRAL
S	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	W/O ALLISON FUELSNSE 2.0 PROGRAMMING

VEHICLE ELECTRONICS		DESCRIPTION
S	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)
S	PEDAL RSL SETTING	101 KM/H PEDAL ROAD SPEED LIMITER (63MPH)
S	CRUISE CONTROL	CRUISE CONTROL
S	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)
S	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)
S	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH
S	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED
S	ROAD SPEED LIMIT CONTROL TYPE	RSL CONTROL TYPE NORMAL
S	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)
S	MAXIMUM ENG SPEED AT 0 MPH	1000 MAXIMUM ENGINE SPEED AT 0 MPH
S	DETECTION SPEED SENSR TMRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	ENG TORQUE LIMIT,SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED
S	DR PERFORMANCE PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS
S	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	ENGINE OVERSPEED,FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
S	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN
S	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH

PTO ELECTRONICS		DESCRIPTION
S	TRANS PTO1 SPLITTER RANGE	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	TRANS PTO2 SPLITTER RANGE	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

PAINT		DESCRIPTION
S	PAINT DESIGN	SINGLE COLOR
S	PAINT TYPE	SOLID PAINT
S	PAINT COLOR - FIRST COLOR	MACK WHITE; P9188
S	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR
S	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT
S	CAB COLOR	SAME AS FIRST COLOR - CAB
S	HOOD COLOR	SAME AS FIRST COLOR - HOOD
S	MIRROR COVER COLOR	SAME AS FIRST COLOR - MIRROR COVER
S	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING
S	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE)
S	BUMPER	W/O OPTIONAL BUMPER PAINT
S	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT
S	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR
S	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR

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



CALCULATED CODES - KAX		DESCRIPTION
	<b>AUTO ROUTING &amp; CLIPPING, CENTER</b>	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION

BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION
<b>S</b>	<b>VEHICLE WARRANTY TYPE</b>	NORMAL DUTY WARRANTY CLASSIFICATION
<b>S</b>	<b>BASIC CHASSIS COVERAGE</b>	NORMAL DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000KM)
	<b>EMISSION - SURCHARGE</b>	EPA (only) for Mack MP7 / MP8 Diesel
<b>S</b>	<b>ENGINE WARRANTY</b>	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
<b>S</b>	<b>EMISSION COMPONENT COVERAGE</b>	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
<b>S</b>	<b>TRANSMISSION WARRANTY</b>	mDRIVE TRANSMISSION NORMAL DUTY COVERAGE: 60 MONTHS OR 750,000 MILES
<b>S</b>	<b>CARRIER &amp; AXLE HOUSING WARRANTY</b>	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)
<b>S</b>	<b>AIR CONDITIONING WARRANTY</b>	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
<b>S</b>	<b>CHASSIS TOWING WARRANTY</b>	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
<b>S</b>	<b>ENGINE TOWING WARRANTY</b>	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)
<b>S</b>	<b>GUARDDOG CONNECT BUNDLE</b>	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall))
<b>S</b>	<b>PREPAID API</b>	WITHOUT PREPAID API
<b>S</b>	<b>PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION</b>	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE

Z - TO BE DISCONTINUED - GOING OBSOLETE		DESCRIPTION
<b>S</b>	<b>GHG STEER TIRE CATEGORY (PAWS) (CA)</b>	LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY
<b>S</b>	<b>GHG DRIVE TIRE CATEGORY (PAWS) (CA)</b>	ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY



