

TECHNICAL SPECIFICATION

TERRAPRO 64R



APPLICATION PACKAGES		DESCRIPTION
MPK21K	CHASSIS CONFIGURATION PACKAGE	LH Battery Box, 6.6 Gallon (25L) RH DEF, Single RH Fuel Tank, Vertical BOC DPF/SCR

CUSTOMER/VEHICLE INFO		DESCRIPTION
S	002A02	CHASSIS (BASE MODEL) TERRAPRO 64R DAYCAB
S	MP2001	CUSTOMER FLEET SIZE DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	013001	TYPE OF SERVICE COMMERCIAL
	694DDD	Order Subject to Meeting All Mack Policies, Terms and Conditions, Including but not Limited to Applicable CARB and/or Section 177 States' Regulation requirements
	M84009	INTENDED REGISTRATION LOCATION FLORIDA
S	M98018	WARRANTY REGISTRATION LOCATION USA - WARRANTY REGISTRATION LOCATION
	MBT01T	EMISSION WARRANTY CERTIFICATION EPA (only) for Mack MP7 / MP8 Diesel
S	5050B5	INITIAL REGISTRATION LOCATION USA REGISTRATION
S	534014	LANGUAGE-PUBS/DECAL/SIGNS ENGLISH
S	APPAA3	VEHICLE APPLICATION CLASS CLASS B HIGHWAY-INNER CITY
	0050S5	VEHICLE USE & BODY/TRAILER TYPE REFUSE FRONT LOADER TRUCK
S	032A39	OPERATING TERRAIN GRADE CONDITIONS 12% STARTING GRADE
S	033A10	LOADING SURFACE FACTOR CONCRETE LOADING AND / OR UNLOADING SURFACE
	0342A3	VEHICLE VOCATION REFUSE / NON LANDFILL OPERATION

ENGINE/TRANSMISSIONS		DESCRIPTION
S	1004Q0	ENGINE / MOTOR MP7-355C MACK 355HP @ 1600-1800 RPM (PEAK) 2100 RPM (GOV) 1250 LB-FT, US'21
S	136206	TRANSMISSION 4500 RDS 6 SPEED ALLISON GEN 6 W/PROGNOSTICS, WITH PTO PROVISION

EXHAUST/EMISSIONS		DESCRIPTION
S	Z8FT1X	NOX LIMITS CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance
S	DPFAA3	DPF DIESEL PARTICULATE FILTER CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC
S	DF1041	DIESEL EXHAUST FLUID TANK 6.6 GALLON (25 L) 22" RIGHT SIDE FRAME MOUNTED
S	130AC7	EXHAUST SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXH STACK PLAIN END, SIDE OUTLET DIFFUSER
S	Q0AA1X	EXHAUST - BRIGHT FINISH W/O VERT EXH-BRIGHT FINISH
S	W4BC1X	REGENERAT CONTROL SWITCH, DPF (CA in PC28 only) NO INHIBIT DPF REGENERATION SWITCH
	78AAAX	EMISSION ON BOARD DIAG CONTROL EMISSION OBD, DISPLAY ONLY, USA2025

ENGINE EQUIPMENT		DESCRIPTION
S	1250C5	AIR CLEANER 13" SINGLE ELEMENT, DRY TYPE W/SNORKEL BEHIND CAB, AIR RESTRICTION INDICATOR ON FILTER
S	113093	AIR COMPRESSOR/DRYER WABCO 1800P AIR DRYER W/O TURBO CUT OFF VALVE, W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR
S	851004	AIR DRYER POSITION (CA) STANDARD AIR DRYER LOCATION
S	132AB9	ALTERNATOR DELCO 12V 160A (28SI) BRUSH-TYPE
S	316AA5	BATTERIES (3) MACK 12V 760/2280 CCA THREADED STUD TYPE
S	393AD9	BATTERY BOX - MOUNTING (x) PERPENDICULAR TO FRAME 11" FROM NTOF (3 BATTERY MAX)
S	L5XA1X	BATTERY BOX COVER MOLDED PLASTIC
S	NCXA5X	STARTER MOTOR 12 VOLT DELCO 39MT-MXT
	110AA5	ENGINE BRAKE MACK MP7 POWERLEASH
S	118AB8	FAN DRIVE BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE

TECHNICAL SPECIFICATION *(cont.)*



ENGINE EQUIPMENT		DESCRIPTION	
S	119A19	COOLANT PROTECTION	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG, W/ FILTER
S	508018	COOLING PERFORMANCE	W/O AUXILIARY COOLING
S	124AA2	HOSES - RADIATOR/HEATER	SILICONE RADIATOR AND HEATER HOSES
S	293043	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER)
S	QHXC1X	OIL SUMP	OIL PAN
S	MCA04A	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY
S	4TBA1X	ENGINE BLOCK HEATER RECEPTACLE (CA)	ENGINE BLOCK HEATER RECEPTACLE, BASIC LOCATION
	MAH011	PLUG QUANTITY & TYPE	SINGLE (1) 120V-15A PLUG

CLUTCH/TRANS EQUIPMENT		DESCRIPTION	
S	MCB05B	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM
S	195AA7	DRIVELINE - MAIN	MERITOR RPL25HD W/PERMALUBE U-JOINTS (PROPS-L)
S	204AA4	DRIVELINE - INTERAXLE	MERITOR RPL20 W/PERMALUBE
S	76AA1X	DRIVESHAFT MAIN U-JOINT	UNIVERSAL JOINT HALF-ROUND TYPE (where applicable)
S	8WAAAX	DRIVESHAFT INTERAXLE U-JOINT	HALF-ROUND UNIVERSAL JOINT
S	7RXAEX	LUBRICANTS, TRANSMISSION	TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS
S	139008	TRANSMISSION OIL COOLER	ALLISON 4xxx SERIES TRANSMISSION W/DIRECT MOUNT COOLER & SS COOLANT TUBES

FRONT AXLE EQUIPMENT		DESCRIPTION	
S	240AA3	FRONT AXLE	20000# (9100 KG) MACK FXL20 STRAIGHT SPINDLE/UNITIZED BEARINGS
S	244AB4	SPRINGS - FRONT	MACK TAPERLEAF 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS
S	241081	BRAKES - FRONT	MERITOR "S" CAM TYPE 16.5" x 6" Q+
S	U3XC9X	BRAKE DRUMS - FRONT	BRAKE, FRONT, DRUM LIGHT WEIGHT TRUTURN
S	U0AA1X	SLACK ADJUSTERS - FRONT	HALDEX - AUTOMATIC
	V7AD1X	BRAKE CHAMBERS - FRONT	FRONT BRAKE CHAMBER MANUFACTURER, MGM
S	0KXA1X	HUBS - FRONT	FERROUS
S	1KAA1X	SHOCK ABSORBERS - FRONT	DOUBLE ACTING TYPE
S	245AB3	STEERING	SHEPPARD XD120 STEERING GEAR (RATIO 23:1)
S	K9AZ1X	POWER STEERING, COOLER	WITHOUT POWER STEERING, COOLER

REAR AXLE EQUIPMENT		DESCRIPTION	
	268AA4	REAR AXLE	40000# (18100kg) MACK S40R FABRICATED STEEL HOUSING
S	6MAA1X	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE
S	617002	DRIVE AXLE LUBRICANT	DRIVE AXLE LUBE, SHELL 80W90 MINERAL 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
	TAXAEX	REAR AXLE RATIO	4.80 RATIO
	186AG5	REAR SUSPENSION	SS40 MACK CAMELBACK MULTILEAF 40,000 lb, STANDARD DUTY
S	GWXABX	BOGIE SPREAD, REAR	50" AXLE SPACING (BOGIE WHEELBASE)
S	253AA4	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2)
S	U4XC9X	BRAKE DRUMS - REAR	BRAKE, DRIVE REAR, DRUM LIGHT WEIGHT TRUTURN
S	U1AA1X	SLACK ADJUSTERS - REAR	HALDEX - AUTOMATIC
	V1AB1X	SPRING BRAKE CHAMBERS - 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

TECHNICAL SPECIFICATION *(cont.)*



REAR AXLE EQUIPMENT		DESCRIPTION
	300AM0	SPRING BRAKE CHAMBERS - VENDOR
		MGM TR-T2 (TAMPER RESIST & BREATHER TUBE BRAKE CHAMBERS) LONG STROKE (Total for QTY = 2)
S	3GAA1X	BRAKE CHAMBER DIAPHRAGM MATERIAL (CA in PC28 only)
		W/O BRAKE DIAPHRAGM OPTION
S	0LXI5X	HUBS - REAR
		IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
	698058	ANTILOCK BRAKE SYSTEM
		BENDIX WITHOUT TRACTION CONTROL 4S4M

FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION
	271210	WHEELBASE
		210"
	374066	AF (OVERHANG)
		66"
	MCE0KE	FRAME RAILS & LINERS
		9.5 x 82 x 340mm - (0.375" x 3.25" x 13.38"); RBM 2,037,600 LB-IN
S	281A1	CROSSMEMBERS
		STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL
	9DEZ1X	AUX CROSSM. IN REAR OVERH TYPE
		WITHOUT AUXILIARY CROSSMEMBER
S	Q5AA1X	REAR CROSSMEMBER OPTIONS
		STEEL CLOSING REAR CROSSMEMBER
S	4DXM8X	BUMPER - FRONT
		EXTENDED-SWEPT BACK-STEEL (INCL. CENTER TOW PIN) N/A W/ FRONT FRAME EXT.
S	2RAA2X	FUEL LEVEL SENDER UNIT, LIQUID
		BASIC FUEL LEVEL SENDER MOUNTED ON R.H TANK
	290AH9	FUEL TANK - RH
		70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR
S	JHXB1X	FUEL SYSTEM - DUAL
		BRAIDED HOSE
S	HBXAOX	FUEL TANK POSITION (CA in PC28 only)
		RELOCATE R.H. TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL
S	852072	FUEL FILLER NECK OPTIONS
		FOR RH FUEL TANK
S	KHXA1X	FUEL TANK STRAPS MTRL
		PAINTED FUEL TANK STRAPS

AIR/BRAKE		DESCRIPTION
S	UWXC1X	AIR TANK DRAIN VALVE
		MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
S	U2XB1X	AIR TANK MATERIAL & FINISH
		STEEL AIR TANK PAINTED CHASSIS COLOR
S	1JAAAX	PARKING BRAKE VALVE
		SINGLE VALVE SYSTEM

ELECTRICAL		DESCRIPTION
	4GAA1X	BRAKE APP.TO TAIL LIGHTS
		PARKING BRAKE LIGHTING
	5RXA3X	BACK-UP ALARM
		W/INTERMITTENT FEATURE (AMBIENT NOISE SENSITIVE) 87-112 dB
S	312022	IDENTIFICATION/CLEARANCE LIGHTS
		TRUCKLITE ROOF MARKER FOR TERRAPRO
S	LJXB1X	HEADLAMP BULB TYPE
		HEADLAMP BULB TYPE, LED
S	LSXG6X	DAYTIME RUNNING LIGHTS
		PARK BRAKE ACTIVATED
S	NEXC1X	TAIL LAMPS
		INCANDESCENT TAIL LAMPS
S	M4XAAX	AUX. POWER OUTLET, INTERIOR (CA in PC28 only)
		COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT
S	3BCB1X	MARKER/DIR SIGNAL
		FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE

PTO		DESCRIPTION
S	189AJ9	TRANSMISSION MOUNTED PTO
		PREP KIT FOR EXTENDED SHAFT PTO, REAR MOUNTED
S	L3XN1X	BODY BUILDER MODULE
		ControlLink III BODY BUILDER EL PREP KIT, REFUSE, RP170 ELECT. INTERFACE (3 CON 54 PINS)

SPECIALTY EQUIPMENT		DESCRIPTION
S	MCVZ1X	PASSIVE SAFETY SYSTEM
		WITHOUT PASSIVE SAFETY SYSTEM
S	8FXU1X	FRAME MODIFICATION
		UNIFORM LOAD NO ADAPTATION

TECHNICAL SPECIFICATION *(cont.)*



CAB INTERIOR (A THRU G)			DESCRIPTION
S	1730B3	AIR CONDITIONING/HEATER	(TE) MANUAL CONTROL CLIMATE UNIT
S	1PAZ1X	SURVEILLANCE CAMERA OPTIONS (CA)	WITHOUT CAMERA
S	E0AABX	GAUGE TRANSM. OIL TEMP	TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT
S	198048	SPEEDOMETER -&- GAUGES - UNIT(S) OF MEASURE	U.S. UNITS (PREDOMINANT)

CAB INTERIOR (H THRU R)			DESCRIPTION
S	6WXA1X	BODY BUILDER CONSOLE	CONSOLE INCLUDED WITH CONTROL LINK III
S	20XA1X	KEY TYPES FOR DOORS	BASIC UNIQUE KEY
S	E3XG1X	FORWARD OVERHEAD STORAGE	FORWARD OVERHEAD STORAGE, RADIO SHELF, COVER, BLANK, BLANK
S	1740D4	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH
S	73AD1X	RADIO - ANTENNA	RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE
S	0LAA1X	AUDIO SHUTOFF	AUTO SHUTOFF FOR RADIO ENTERTAINMENT SYSTEM WHEN VEHICLE IS ENGAGED IN REVERSE
S	1WAE1X	RADIO - BINDING POSTS FOR CB	FURNISH IN OVERHEAD CONSOLE

CAB INTERIOR (S THRU Z)			DESCRIPTION
S	196096	SEAT - DRIVER	AIR-SEARS MID-BACK SEAT C-2 W/FABRIFORM CUSHIONS
	1970G7	SEAT - PASSENGER'S	MACK FIXED (MID-BACK) NON-SUSPENSION
	4850X5	SEAT COVERING	FABRIFORM CLOTH, BLACK - DRIVER CLOTH & VINYL, BLACK - RIDER
S	592072	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) (NOT AVAILABLE WITH EXTENDED RIDER SEAT)
S	2WXAAX	STEERING WHEEL	DIAMETER 450MM STEERING WHEEL, RUBBER GRIP V1
S	87AA1X	WINDSHIELD WIND DEFLECTOR (CA)	FURNISH STANDARD FINISH

CAB EXTERIOR			DESCRIPTION
S	28XG1X	FRONT GRILLE	BLACK GRILLE WITH GREY SURROUND
S	T2AA1X	WINDSHIELD PROTECTOR	FURNISH WINDSHIELD PROTECTOR
S	144AA2	CAB	CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST PREVENTATIVE PROCEDURES
S	424034	CAB DOOR OPTIONS	DOORS, COMPOSITE INCL SLIDING TYPE SIDE WINDOWS, SCREENED VENT IN LH DOOR, PEEP WINDOW IN RH DOOR
S	2EXA1X	CAB TILT PUMP	LOCATED IN STD LOCATION
S	Q2AA1X	CAB ACCESS STEPS	Cab Low Entry Step
S	MCD01D	PASSENGER SIDE VISIBILITY OPTIONS	WITHOUT AUXILIARY WINDOW IN RH DOOR WITHOUT SIDE CLOSE VIEW MIRROR
S	0JAA1X	GRAB HANDLES	STANDARD GRAB HANDLE OPTION RH & LH, BEHIND DOOR
S	154AA6	HORN - AIR	(1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED
S	LXXD1X	HORN - ELECTRICAL	DUAL TONE
S	MCL01L	MIRRORS - LEFT SIDE EXTERIOR	LH POLISHED FLAT MANUALLY OPERATED, UN-HEATED, W/ UN-HEATED 8" SS CLOSE VIEW
S	MCR01R	MIRRORS - RIGHT SIDE EXTERIOR	RH POLISHED FLAT MANUALLY OPERATED, UN-HEATED, W/ UN-HEATED 8" SS CLOSE VIEW

WHEELS & TIRES			DESCRIPTION
	9004X0	TIRES BRAND/TYPE - FRONT	425/65R22.5 L BRIDGESTONE M870 (22800 lbs) (Total for QTY = 2)
	5313N1	WHEELS - FRONT	22.5x12.25 MAXION 222205x WHITE PAINT TOP COAT STEEL, 4.53" OFFSET, 5 HAND HOLE (Total for QTY = 2)
S	FWT002	TIRE & WHEEL QUANTITY - FRONT	TWO FRONT TIRES & WHEELS
	901601	TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE M713 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 8)
	3461L6	WHEELS - REAR	22.5x8.25 MAXION 90260x WHITE POWDER COAT STEEL, 6.62" OFFSET, 2 HAND HOLE (Total for QTY = 8)

TECHNICAL SPECIFICATION *(cont.)*



WHEELS & TIRES			DESCRIPTION
S	RWT008	TIRE & WHEEL QUANTITY - REAR	EIGHT REAR AXLE TIRES & WHEELS
S	H1EB1X	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH
S	15XABX	VALVE STEMS & CAPS	STANDARD VALVE STEMS AND CAPS

COMMUNICATION SYSTEMS			DESCRIPTION
S	M30060	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
	2JCA1X	REMOTE DIAGNOSTIC SERVICES	REMOTE DIAGNOSTIC SERVICES, ENABLED

ENGINE ELECTRONICS			DESCRIPTION
S	WOXA1X	SHUTDOWN-ENG.OIL PRESSURE	OIL PRESSURE, ENGINE SHUTDOWN
	WIXAAX	SHUTDOWN-ENG.COOLANT LVL.	COOLANT LEVEL ENGINE SHUTDOWN
S	WMXA1X	SHUTDOWN-ENG.COOLANT TEMP	COOLANT TEMP, ENGINE SHUTDOWN
S	K5XA2X	ENG /OIL TEMP SHUTDOWN	ENGINE PROTECTION (SHUTDOWN)
S	K7XY1X	LOW IDLE ENGINE RPM	IDLE CONTROL, 600 RPM
S	X0AB0X	IDLE RPM UP W/LOW VOLTAGE	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	D2AADX	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 10 DEG C, (50 DEG F)
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	B3ABAX	EHT, MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)
S	B6ACEX	EHT, MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM
S	B4ADAX	EHT, MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM
S	B9AABX	EHT, SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC
	B7AAAX	EHT, SGL SPEED CNTRL	ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL
	B8AADX	EHT, SINGLE SPEED SET	ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING, 900 RPM
	C0AAAX	EHT, JUMP TO MIN ENG SPEED	ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED, ENABLE
	L9CB1X	EHT HOLD TO NEAREST RPM	ELECTRONIC HAND THROTTLE HOLD TO NEAREST 50RPM
	M1CB1X	EHT ACCEL BUMP-UP RPM	ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP" 50RPM
	M2CB1X	EHT DECEL BUMP-DOWN RPM	ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN" 50RPM

TRANSMISSION ELECTRONICS			DESCRIPTION
S	M05015	TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	W/O TRANSMISSION SHIFT SETTINGS
S	3IAZ1X	HILL START ASSIST	WITHOUT HILL START ASSIST
S	6SAZ1X	TRANSMISSION KICK-DOWN MODE	WITHOUT TRANSMISSION KICK-DOWN MODE
	U7AA1X	SHUTDOWN-TRANS. TEMP.	TRANS. PROTECTION, ENGINE SHUT DOWN (HIGH TEMP.)
	7790V9	TRANSMISSION ELECTRONICS PACKAGE	GENERAL REFUSE SERVICE (142)
	B1EC1X	TRANSM AUTO NEUTRAL ON P-BRAKE	ALLISON PARK BRAKE AUTO NEUTRAL-ALLOWS THE DRIVER TO ENGAGE GEAR PRIOR TO DISENGAGING THE PARK BRAKE
	MAV0AV	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	FUELSENSE, FULL NEUTRAL AT STOP

TECHNICAL SPECIFICATION *(cont.)*



VEHICLE ELECTRONICS			DESCRIPTION
S	JCXE6X	ROAD SPEED LIMIT (RSL)	105 KM/H ROAD SPEED LIMITER (65MPH)
S	Y3CC5X	PEDAL SPEED LIMITER	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 BRAKE 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	SPEED SENSOR TAMPERING DETECTION	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	8RXAEX	PWR.LIMIT LVL.-MPH SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	G5AAHX	DATAMAX ENGINE OVERSPEED-COMPANY	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	G2AAGX	DATAMAX ENGINE OVERSPEED-FUEL	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	G4AAUX	DATAMAX VEHICLE OVERSPEED-ALL	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	G3AAPX	DATAMAX VEHICLE OVERSPEED-FUEL	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
S	G1AABX	DATAMAX IDLE LOG DELAY	ENGINE IDLE DELAY TO START LOG, 2 MIN
S	W9A01X	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH
S	X5AB1X	VEHICLE APP SERVICE INTERVALS	SERVICE INTERVALS, VOCATIONAL APPLICATION
S	W8BAAX	DATAMAX MAINT MONITOR	WITH SERVICE ALERT
S	W5A90X	MAINTENANCE DUE ALERT %	ACTIVATE ALERT AT 90% OF THE TIME/DISTANCE SETTING

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	L8CB1X	PTO1 DECEL BUMP-DOWN RPM	PTO1 DECEL "BUMP-DOWN" 50RPM
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	950AA4	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	MPB944	CAB COLOR	SAME AS FIRST COLOR - CAB
S	996AA3	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT
S	941998	PAINT: CAB INTERIOR	W/O SPECIAL CAB INTERIOR PAINT (PAINT EXTERIOR COLOR)

TECHNICAL SPECIFICATION *(cont.)*



PAINT		DESCRIPTION	
	922001	CHASSIS RUNNING GEAR PROCESS CODE	CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X
S	95103K	CHASSIS RUNNING GEAR	MACK BLACK (60 GLOSS); 250-12370
S	958018	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR
	959099	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	MACK BLACK; P3036
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
S	9VXA1X	REAR END CALCULATION	REAR END CALCULATION SYSTEM (PROPCALC+)

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)
S	M540B4	TRANSMISSION WARRANTY	ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)
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)
S	M82998	MACK ULTRA SERVICE	NO SERVICE CONTRACT INCLUDED

CONNECTED SERVICES		DESCRIPTION	
S	S03011	MACK INTEGRATED UPTIME	MACK INTEGRATED UPTIME - 24 MONTHS
	S04011	MACK CONNECT LOCATION & REPORTING	MACK CONNECT LOCATION & REPORTING - 24 MONTHS
S	S05010	FLEET INTEGRATION	WITHOUT FLEET INTEGRATION
S	S06400	PARTNERED SERVICES	NO PARTNERED SERVICES PROVIDED