



TECHNICAL SPECIFICATION

TERRAPRO 64R

| CUSTOMER/VEHICLE INFO | | DESCRIPTION |
|-----------------------|---------------------------------|---|
| S | CHASSIS (BASE MODEL) | TERRAPRO 64R DAYCAB |
| S | 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 |
| S | VEHICLE APPLICATION CLASS | CLASS B HIGHWAY-INNER CITY |
| | VEHICLE USE & BODY/TRAILER TYPE | SERVICE/UTILITY TRUCK |
| S | TERRAIN GRADE | NORMAL HIGHWAY, STARTING GRADES<12% |
| S | LOADING SURFACE | CONCRETE LOADING AND / OR UNLOADING SURFACE |
| S | VEHICLE VOCATION | REFUSE / LANDFILL OPERATION |

| ENGINE/TRANSMISSIONS | | DESCRIPTION | |
|----------------------|----------------------------|---|--|
| S | ENGINE PACKAGE, COMBUSTION | MP7-325M MACK 325HP @ 1400-1900 RPM (PEAK) 2100 RPM (GOV) 1260 LB-FT, US'17 | |
| S | TRANSMISSION | 4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5 W/PROGNOSTICS | |

| EXHAUST/EMISSIONS | | DESCRIPTION |
|-------------------|--|--|
| S | CARB 2008 IDLE REGULATION | IDLE EMISSION CERTIFICATION, CARB 08 |
| S | DPF DIESEL PARTICULATE FILTER | CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC |
| S | DEF TANK | 6.6 GALLON (25 L) 22" RIGHT SIDE FRAME MOUNTED |
| S | EXHAUST | SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXH STACK PLAIN END, SIDE OUTLET DIFFUSER |
| S | EXHAUST SYSTEM MATERIAL FINISH | W/O VERT EXH-BRIGHT FINISH |
| S | REGENERAT CONTROL SWITCH, DPF (CA in PC28 only) | NO INHIBIT DPF REGENERATION SWITCH |
| | EMISSION ON BOARD DIAG CONTROL | EMISSION OBD, DISPLAY ONLY, USA2021 |



| FNOID | | DECODICTION |
|-------|-------------------------|---|
| ENGIN | IE EQUIPMENT | DESCRIPTION |
| S | AIR CLEANER | 13" SINGLE ELEMENT, DRY TYPE W/SNORKEL BEHIND CAB, AIR RESTRICTION INDICATOR ON FILTER |
| S | AIR COMPRESSOR/DRYER | WABCO 1800P AIR DRYER W/O TURBO CUT OFF VALVE, W/ WABCO 636 (37.4 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 | PERPENDICULAR TO FRAME 11" FROM NTOF (3 BATTERY MAX) |
| S | BATTERY BOX COVER | MOLDED PLASTIC |
| S | STARTER MOTOR | 12 VOLT DELCO 39MT-MXT |
| S | ENGINE BRAKE | MACK MP7 POWERLEASH |
| 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 |
| S | COOLING PERFORMANCE | W/O AUXILIARY COOLING |
| | RADIATOR TYPE | EXTRA NARROW RADIATOR WITH LENGTH 1 (60 DM2) |
| S | HOSES - RADIATOR/HEATER | SILICONE RADIATOR AND HEATER HOSES |
| S | FUEL-WATER SEPARATOR | MACK W/MANUAL DRAIN VALVE W/ HOT RECIRCULATION (INTEGRAL W/ PRIMARY FUEL FILTER) |
| S | OIL PAN | OIL PAN |
| S | ENGINE HEATERS | NO COLD WEATHER STARTING AIDS PROVIDED |

| CLUTCH/TRANS EQUIPMENT | | DESCRIPTION |
|------------------------|--|--|
| S | CLUTCH ACTUATION SYSTEM & PEDAL PAD | WITHOUT CLUTCH CABLE SYSTEM |
| S | DRIVELINE - MAIN | MERITOR 176 MXL "XTENDED LUBE" (PROPS-M) |
| S | DRIVELINE - INTERAXLE | MERITOR 17 MXL "XTENDED LUBE" |
| S | PROPELLR SHAFT MAIN, UNVSL JNT | UNIVERSAL JOINT HALF-ROUND TYPE |
| S | PROP SHAFT INTERAXL UNIV JOINT | HALF-ROUND UNIVERSAL JOINT |
| S | LUBRICANTS, TRANSMISSION | TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS |
| S | TRANSMISSION OIL COOLER | ALLISON TRANSMISSION W/DIRECT MOUNT COOLER |

| FRONT AXLE EQUIPMENT | | DESCRIPTION |
|----------------------|------------------------------|--|
| S | FRONT AXLE | 20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS |
| S | SPRINGS - FRONT | MACK TAPERLEAF 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS |
| S | FRONT AXLE BRAKES | MERITOR "S" CAM TYPE 16.5" x 6" Q+ |
| S | FRONT BRAKE ADJ. MANUFACTURE | HALDEX - AUTOMATIC |
| S | FRONT BRAKE CHAMBER MFG. | FRONT BRAKE CHAMBER MANUFACTURER, MGM |
| S | HUB MATERIAL, FRONT | FERROUS |
| S | SHOCK ABSORBER, FRONT | DOUBLE ACTING TYPE |
| S | STEERING | SHEPPARD XD120 STEERING GEAR (RATIO 23:1) |
| S | POWER STEERING, COOLER | WITHOUT POWER STEERING, COOLER |

| REAR | AXLE EQU | JIPMENT | DESCF | RIPTION | | | |
|-----------------------|----------|--------------------|---|--------------------------------|------------------------------------|---|--|
| S REAR AXLES - TANDEM | | 38000# | 38000# (17200kg) MACK S38R FABRICATED STEEL HOUSING | | | | |
| S | REAR | AXLE CASING WIDTH | W/O W | W/O WIDE TRACK AXLE | | | |
| S | CARRI | ER - REAR AXLE | •••=• | 150/151 AVAIL S, SEE 254 SY | ABLE WITH OPTIONAL DRIVER CONTROLI | LED INTERWHEEL DIFFERENTIAL | |
| | REAR | AXLE RATIO | 3.56 R/ | ΑΤΙΟ | | | |
| | | | | | | | |
| PRICEL | IST DATE | QUOTATION | DATE | PAGE | CUSTOMER NAME | DEALER NAME | |
| 202 | 10104 | ELLE2021000175C385 | 7/20/2021 | 2 of 7 | VIRGINIA SHERIFFS' ASSOCIATION | VIRGINIA TRUCK CENTER OF RICHMOND INC. | |



| REAR A | AXLE EQUIPMENT | DESCRIPTION |
|--------|---|---|
| S | REAR SUSPENSION - TANDEM | SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY, EXTRA THICK SPRING THICKNESS |
| S | REAR SUSP. BEAM BUSHINGS | URETHANE |
| S | BOGIE SPREAD, REAR | 50" AXLE SPACING (BOGIE WHEELBASE) |
| S | REAR SPRING INSULATOR MAT'L | RUBBER SHOCK INSULATORS |
| S | BRAKES - REAR | MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2) |
| S | BRAKE, DRIVE, REAR | CAST IRON |
| S | REAR BRAKE ADJ MANUFACTURE | HALDEX - AUTOMATIC |
| | REAR BRAKE CHAMBER SIZE | REAR SPRING BRAKE CHAMBERS 30/30 TYPE |
| | BRAKE ORI REAR-MOST DRIVE AXLE | DRUM BRAKE CHAMBER ORIENTATION: High Mount - Rear of Axle - Chamber Down |
| S | REAR BRAKE CHAMBER | MGM TR3030LP3THD BRAKE CHAMBERS (Total for QTY = 2) |
| S | BRAKE CHAMBER DIAPHRAGM MATERIAL (CA in PC28 only) | W/O BRAKE DIAPHRAGM OPTION |
| S | HUB MATERIAL, DRIVE | IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT |
| S | SPINDLE NUTS, MAIN AXLE | SPINDLE NUTS, MAIN AXLE, INTEGRATED |
| 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 WITHOUT TRACTION CONTROL 4S4M |
| | | |

| FRAME | EQUIPMENT/FUEL TANKS | DESCRIPTION |
|-------|-------------------------------------|--|
| | WHEELBASE | 210" |
| | AF (OVERHANG) | 66" |
| S | FRAME RAILS & LINERS | 8 x 82 x 336mm - (0.312" x 3.25" x 13.25")W/ Full Liner; RBM 2,836,800 LB-IN |
| S | CROSSMEMBERS | STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL |
| | AUX CROSSM. IN REAR OVERH TYPE | WITHOUT AUXILIARY CROSSMEMBER |
| S | REAR CROSSMEMBER OPTIONS | STEEL CLOSING REAR CROSSMEMBER |
| S | FRONT BUMPER | EXTENDED-SWEPT BACK-STEEL (INCL. CENTER TOW PIN) N/A W/ FRONT FRAME EXT. |
| S | FUEL LEVEL SENDER UNIT, LIQUID | BASIC FUEL LEVEL SENDER MOUNTED ON R.H TANK |
| S | FUEL TANK - RH | 70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR |
| S | FUEL HOSES, LIQUID | BRAIDED HOSE |
| S | FUEL TANK POSITION (CA in PC28 only |) RELOCATE R.H. TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL |
| S | FUEL FILLER NECK OPTIONS | FOR RH FUEL TANK |

| AIR/BRAKE | | DESCRIPTION |
|-----------|---------------------|--|
| S | AIRTANK DRAIN VALVE | MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS |
| S | AIRTANK MATERIAL | STEEL AIR TANK PAINTED CHASSIS COLOR |
| S | PARKING BRAKE VALVE | SINGLE VALVE SYSTEM |

| | AL | DESCRIPTION |
|------|--|---|
| S R | ROOF & SIDE MARKER LIGHTS | TRUCKLITE ROOF MARKER FOR TERRAPRO |
| S H | HEADLAMP BULB TYPE | HEADLAMP BULB TYPE, HALOGEN |
| S D | DAYTIME RUNNING LIGHTS | PARK BRAKE ACTIVATED |
| S T/ | TAIL LAMPS | INCANDESCENT TAIL LAMPS |
| | AUX. POWER OUTLET, INTERIOR (CA n PC28 only) | COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT |
| S FI | FRONT & SIDE INDICATOR LMP TYP | FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE |

TECHNICAL SPECIFICATION (cont.)



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

| SPECIALTY EQUIPMENT | | DESCRIPTION |
|---------------------|----------------------|----------------------------|
| S | TRANSPORT ADAPTATION | UNIFORM LOAD NO ADAPTATION |

| CAB II | NTERIOR (A THRU G) | DESCRIPTION |
|--------|-------------------------------|---|
| S | CLIMATE UNIT | MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONIDITIONER UNIT) W/R134a REFRIGERANT |
| S | CAMERA, SURVEILLANCE | WITHOUT CAMERA |
| S | GAUGE - TRANSMISSION OIL TEMP | TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT |
| S | GAUGES - UNIT OF MEASURE | U.S. UNITS (PREDOMINANT) |

| CAB INTERIOR (H THRU R) | | DESCRIPTION |
|-------------------------|--------------------------|--|
| S | CENTER CONTROLE CONSOLE | CONSOLE INCLUDED WITH CONTROL LINK III |
| S | KEY TYPES FOR DOORS | BASIC UNIQUE KEY |
| S | IGNITION TYPE | KEY TYPE |
| S | FORWARD OVERHEAD STORAGE | FORWARD OVERHEAD STORAGE, RADIO SHELF, COVER, BLANK, BLANK |
| S | AUDIO ACCOMMODATION | PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH |
| S | ANTENNA - RADIO | RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE |
| S | AUDIO SHUTOFF | AUTO SHUTOFF FOR RADIO ENTERTAINMENT SYSTEM WHEN VEHICLE IS ENGAGED IN REVERSE |
| s | POWER LEADS | FURNISH IN OVERHEAD CONSOLE |

| CAB INTERIOR (S THRU Z) | | DESCRIPTION |
|-------------------------|---|--|
| S | SEAT - DRIVER'S | AIR-SEARS MID-BACK SEAT C-2 W/FABRIFORM CUSHIONS |
| S | SEAT - PASSENGER'S | SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) NON-SUSPENSION |
| S | SEAT COVERING | FABRIFORM CLOTH, BLACK, DRIVER AND RIDER SEATS |
| S | SEAT BELT(S) | LAP & SHOULDER (BOTH SEATS) (NOT AVAILABLE WITH EXTENDED RIDER SEAT) |
| S | STEERING WHEEL | DIAMETER 450MM STEERING WHEEL, RUBBER GRIP V1 |
| S | WINDSHIELD PROTECTOR | FURNISH WINDSHIELD PROTECTOR |
| S | WINDSHIELD WND DEFLECTOR (CA in PC28 only) | FURNISH STANDARD FINISH |

| CAB EXTERIOR | | DESCRIPTION |
|--------------|----------------------------------|---|
| S | FRONT GRILLE | GRAY HEADLIGHT, GRILL SURROUNDS WITH SATIN ACCENT GRILL (WHERE APPLICABLE) |
| S | CAB | CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST PREVENTATIVE PROCEDURES |
| S | CAB DOOR OPTIONS | DOORS, COMPOSITE INCL SLIDING TYPE SIDE WINDOWS, SCREENED VENT IN LH DOOR, PEEP WINDOW IN RH DOOR |
| S | CAB TILT PUMP | LOCATED IN STD LOCATION |
| S | CAB INSTEP VERSION | Cab Low Entry Step |
| S | PASSENGER SIDE VISIBILITY OPTION | ${f S}$ WITHOUT AUXILIARY WINDOW IN RH DOOR WITHOUT SIDE CLOSE VIEW MIRROR |
| S | CAB GRAB HANDLE | STANDARD GRAB HANDLE OPTION RH & LH, BEHIND DOOR |
| S | HORN - AIR | (1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED |
| S | HORN - ELECTRICAL | SINGLE TONE |

| PRICELIST DATE | QUOTATION | DATE | PAGE | CUSTOMER NAME | DEALER NAME |
|----------------|--------------------|-----------|--------|--------------------------------|---|
| 20210104 | ELLE2021000175C385 | 7/20/2021 | 4 of 7 | VIRGINIA SHERIFFS' ASSOCIATION | VIRGINIA TRUCK CENTER OF RICHMOND INC. |



| CAB EXTERIOR | | DESCRIPTION | |
|--------------|---|---|--|
| S | MIRRORS - LEFT SIDE EXTERIOR | LH POLISHED FLAT MANUALY OPERATED, UN-HEATED, W/O CLOSE VIEW | |
| S | MIRRORS - RIGHT SIDE EXTERIOR | RH POLISHED FLAT MANUALY OPERATED, UN-HEATED, W/O CLOSE VIEW | |
| | | | |
| WHEEL | _S & TIRES | DESCRIPTION | |
| S | TIRES BRAND/TYPE - FRONT | 315/80R22.5 L BRIDGESTONE M870 (20000 lbs) (Total for QTY = 2) | |
| S | WHEELS - FRONT | 22.5x9.00 ACCURIDE WHITE POWDER COAT STEEL, 7.00" OFFSET, 5 HAND HOLE (Total for QTY = | |
| S | S FRONT AXLE TIRE & WHEEL QUANTITY TWO FRONT TIRES & WHEELS | | |
| S | TIRES BRAND/TYPE - REAR | 11R22.5 G BRIDGESTONE R268 ECOPIA (23360 lbs) (ALL POSITION) (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 | REAR AXLE TIRE & WHEEL QUANTITY | EIGHT REAR AXLE TIRES & WHEELS | |

- S DRIVE WHEEL STUDS DRIVE WHEEL STUDS LONGER LENGTH
- S TIRE INFLATION VALVE STANDARD VALVE STEMS AND CAPS

| COMMUNICATION SYSTEMS | | DESCRIPTION |
|-----------------------|----------------------|---|
| S | TELEMATIC GATEWAY | TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES |
| | REMOTE DIAG SERVICES | REMOTE DIAGNOSTIC SERVICES, ENABLED |

| 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 | 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 WARNING TIME | 30 SEC IDLE S/D WARNING TIME |
| 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 S/D IF PTO ACTIVE | ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE |
| S | IDLE SHUTDOWN IF POWER > LIMIT | ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT |
| S | AMBIENT TEMP MIN TRESHOLD | AMBIENT TEMP MIN TRESHOLD, 10 DEG C, (50 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 KMH (10 MPH) |
| S | EL HAND THROTTLE, MAX ENG SPEED | ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM |
| S | EL HAND THROTTLE, MIN ENG SPEED | ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM |
| S | EL HD THROTTLE, SPEED RAMP RATE | ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC |

| TRANSMISSION ELECTRONICS | | DESCRIPTION |
|--------------------------|--|--|
| S | TRANSMISSION DRIVE MODE PACKAGES, mDRIVE | W/O TRANSMISSION SHIFT SETTINGS |
| S | TRANSMISSION KICK-DOWN MODE | WITHOUT TRANSMISSION KICK-DOWN MODE |
| | TRANSMISSION ELECTRONICS PACKAGE | GENERAL REFUSE SERVICE (142) |
| | TRANSM AUTO NEUTRAL ON P-BRAKE | ALLISON PARK BRAKE AUTO NEUTRAL-ALLOWS THE DRIVER TO ENGAGE GEAR PRIOR TO DISENGAGING THE PARK BRAKE |
| S | TRANSMISSION ELECTRONIC SHIFTING PROPERTIES | W/O ALLISON FUELSENSE 2.0 PROGRAMMING |



| VEHICLI | E ELECTRONICS | DESCRIPTION |
|---------|----------------------------------|---|
| S | ROAD SPEED LIMITER SETTING | 105 KM/H ROAD SPEED LIMITER(65 MPH) |
| S | PEDAL RSL SETTING | 105 KM/H PEDAL ROAD SPEED LIMITER (65MPH) |
| 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 | ENG BRK ENGAGE IN CRUISE | ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED |
| S | PDLO ENGAGED VLS | POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH) |
| S | DETECTION SPEED SENSR TMPRNG | DETECTION OF SPEED SENSOR TAMPERING, ENABLE |
| S | ENG TORQUE LIMIT, SPEED SENSOR | ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED |
| 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 |
| S | VEHICLE APP SERVICE INTERVALS | SERVICE INTERVALS, VOCATIONAL APPLICATION |
| S | SERVICE ALERT | WITH SERVICE ALERT |
| S | MAINTENANCE DUE ALERT % | ACTIVATE ALERT AT 90% OF THE TIME/DISTANCE SETTING |
| | | |

PTO ELECTRONICS

DESCRIPTION

| S | PTO1 SINGLE SPEED CONTROL RPM. | PTO 1ST, SINGLE SPEED SETTING, 1000 RPM |
|---|--------------------------------|--|
| S | PTO 1ST, MAX ROAD SPEED | 1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH) |
| S | PTO 1ST, SPEED RAMP RATE | PTO 1ST, SPEED RAMP RATE 100 RPM/SEC |
| S | PTO 1ST, MAX ENGINE SPEED | PTO 1ST, MAX ENGINE SPEED, 2100 RPM |
| S | PTO 1ST, ROAD SPEED LIMIT | PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH) |
| S | PTO 1ST, MINIMUM ENGINE SPEED | PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM |
| S | PTO1 DECEL BUMP-DOWN RPM | PTO1 DECEL "BUMP-DOWN" 50RPM |
| S | PTO 2ND, SINGLE SPEED SETTING | PTO 2ND, SINGLE SPEED SETTING, 1000 RPM |
| S | PTO 2ND, MAX ROAD SPEED | 2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH) |
| S | PTO 2ND, SPEED RAMP RATE | PTO 2ND, SPEED RAMP RATE 100 RPM/SEC |
| S | PTO 2ND, MAX ENGINE SPEED | PTO 2ND, MAX ENGINE SPEED, 2100 RPM |
| S | PTO 2ND, ROAD SPEED LIMIT | PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH) |
| S | PTO 2ND, MINIMUM ENGINE SPEED | PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM |
| | | |

| 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 | CAB COLOR | SAME AS FIRST COLOR - CAB |
| S | PAINT - CAB PAINT SYSTEM | PAINT - CAB, URETHANE CLEAR COAT |
| S | PAINT: CAB INTERIOR | W/O SPECIAL CAB INTERIOR PAINT (PAINT EXTERIOR COLOR) |
| | CHASSIS RUNNING GEAR PROCESS CODE | CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X |

TECHNICAL SPECIFICATION (cont.)



| PAINT | | DESCRIPTION |
|-------|--|--|
| S | CHASSIS RUNNING GEAR | MACK BLACK (URETHANE) |
| S | BUMPER | PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR |
| S | FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY*** | PAINT FUEL TANK SAME COLOR AS CHASSIS RUNNING GEAR |
| 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

| BASE W | ARRANTY & PURCHASED COVERAGES | DESCRIPTION |
|--------|--|--|
| S | VEHICLE WARRANTY TYPE | HEAVY DUTY WARRANTY CLASSIFICATION |
| S | BASIC CHASSIS COVERAGE | HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM) |
| | EMISSION - SURCHARGE | EPA (only) for Mack MP7 / MP8 Diesel |
| S | ENGINE WARRANTY | MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM) |
| S | EMISSION COMPONENT COVERAGE | US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM) |
| S | TRANSMISSION WARRANTY | ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data |
| S | CARRIER & AXLE HOUSING WARRANTY | STANDARD MACK HEAVY DUTY COVERAGE 60 MONTHS / 500,000 (804,672 KM) |
| S | AIR CONDITIONING WARRANTY | AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE |
| S | CHASSIS TOWING WARRANTY | STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES |
| S | ENGINE TOWING WARRANTY | STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM) |
| S | GUARDDOG CONNECT BUNDLE | 24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall)) |
| S | PREPAID API | WITHOUT PREPAID API |
| S | PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION | W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE |

| Z - DO NOT USE - OBSOLETE | | DESCRIPTION |
|---------------------------|--|---|
| S | GHG STEER TIRE CATEGORY (PAWS) (CA) | LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY |
| S | GHG DRIVE TIRE CATEGORY (PAWS) (CA) | LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY |

