

TECHNICAL SPECIFICATION

ANTHEM 64T SLEEPER 70INCH MACK SPEC



| APPLICATION PACKAGES | | DESCRIPTION |
|----------------------|-------------------------------|---|
| | CHASSIS CONFIGURATION PACKAGE | ONEBOX EATS, LH BATTERY BOX (4 BATTERIES), 18.4 GALLON (70L) DEF, DUAL 26" FUEL TANKS |

| CUSTOMER/VEHICLE INFO | | DESCRIPTION |
|-----------------------|--|---|
| S | CHASSIS (BASE MODEL) | ANTHEM 64T SLEEPER 70INCH MACKSPEC |
| 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 | ORDER TYPE REQUIREMENTS | RETAIL OR STOCK - CUSTOM SPECIFICATIONS |
| S | TYPE OF SERVICE | COMMERCIAL |
| S | WARRANTY REGISTRATION LOCATION | CANADA - WARRANTY REGISTRATION LOCATION |
| | EMISSION WARRANTY CERTIFICATION | EPA (only) for Mack MP7 / MP8 Diesel |
| | INTENDED REGISTRATION LOCATION | ONLY FOR ORDERS PRODUCED PRIOR TO December 31, 2023 |
| S | INITIAL REGISTRATION LOCATION | CANADA REGISTRATION |
| | BRAND ORNAMENT | BULLDOG, CHROME |
| S | LANGUAGE-PUBS/DECAL/SIGNS | ENGLISH |
| | VEHICLE USE & BODY/TRAILER TYPE | B-TRAIN FLATBED TRAILERS |
| S | TRANSPORT CYCLE | LESS THAN ONE DELIVERY OR PICK-UP OF GOODS EVERY 50KM |
| | GROSS COMBINATION WEIGHT (CA in PC29 only) | 125,000 LB (57 TONNES) GROSS COMBINATION WEIGHT |
| S | BRAKE REGULATION | BRAKE REGULATION, STOPPING DISTANCE 76M (250FT) |
| | 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 | OPERATING TERRAIN GRADE CONDITIONS | ON HIGHWAY, STARTING GRADES<16% |
| S | LOADING SURFACE FACTOR | CONCRETE LOADING AND / OR UNLOADING SURFACE |
| | VEHICLE VOCATION | LINEHAUL / LONG HAUL SERVICE |

| ENGINE/TRANSMISSIONS | | DESCRIPTION |
|----------------------|----------------------------|---|
| | ENGINE PACKAGE, COMBUSTION | MP8-505C+ (VC) MACK 505HP @ 1400-1700 RPM (PEAK) 2100 RPM (GOV) 1900 LB-FT, US'21 |
| | GEAR SELECTION TUNING | BASIC, GEAR-SELECTION TUNING |
| S | GHG APPLICATION, VEHICLE | GREEN HOUSE GAS HIGHWAY APPLICATION |
| | TRANSMISSION | MACK TMD12AFO-HD mDRIVE HD 12 SP-(OVERDRIVE) |
| S | GEARBOX 12TH GEAR LOCK-OUT | WITHOUT 12TH GEARBOX GEAR LOCK-OUT |

| EXHAUST/EMISSIONS | | DESCRIPTION |
|-------------------|----------------------------------|--|
| | NOX LIMITS | CARB LEGACY / EPA (200MG/HP/HR), 50 State Idle Compliance |
| 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 COVER |
| S | DIESEL EXHAUST FLUID TANK | 18.4 GALLON (70 L) 26" LEFT SIDE FRAME MOUNTED |
| | EXHAUST | SINGLE VERTICAL RIGHT SIDE INBOARD MOUNTED STRAIGHT EXHAUST STACK TURNED OUT |
| | EXHAUST STACK HEIGHT | 12' 6" FROM GROUND |
| | EXHAUST SYSTEM MATERIAL FINISH | SINGLE, BRIGHT FINISH HEAT SHIELD, STACK, ELBOW |
| | EMISSION ON BOARD DIAG CONTROL | EMISSION OBD, DISPLAY ONLY, USA2023 |

TECHNICAL SPECIFICATION *(cont.)*



| ENGINE EQUIPMENT | | DESCRIPTION |
|------------------|--|--|
| S | AIR CLEANER | UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD&FILTER MTD AIR RESTRICTION I |
| | BUG SCREEN | BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE AND EXTREME COLD WINTER FRONT COVER (-60F to -40F) |
| S | AIR COMPRESSOR/DRYER | WABCO HEATED SS-HP AIR DRYER W/ WABCO 636 (37.4 CFM) AIR COMPRESSOR |
| S | ALTERNATOR | DELCO 12V 165A (36SI) BRUSHLESS W/ REMOTE VOLTAGE SENSING |
| | BATTERIES | (4) MACK 12V 730/2920 CCA THREADED STUD, DUAL PURPOSE |
| S | BATTERY BOX - MOUNTING (x) | LH RAIL UNDER CAB, PARALLEL TO FRAME W/STEPS, W/AIR RESERVOIR MOUNTED BELOW (4 BATTERY MAX) |
| S | BATTERY BOX COVER | UNPOLISHED ALUMINUM |
| | BATTERY DISCONNECT SWITCH | FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE |
| S | STARTER MOTOR | 12 VOLT MELCO STARTER (MITSUBISHI ELECTRIC) |
| | ENGINE BRAKE | MACK MP8 POWERLEASH |
| S | ENGINE BRAKE LIGHTING (CA) | VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000) |
| | FAN DRIVE | BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE W/ MANUAL ENGAGEMENT SWITCH |
| | COOLANT PROTECTION | ETHYLENE GLYCOL EXTENDED LIFE COOLANT (50/50 MIX DYED ORANGE) TO -34DEG, W/ FILTER |
| S | HOSES - RADIATOR/HEATER | SILICONE RADIATOR AND HEATER HOSES |
| S | FUEL-WATER SEPARATOR | MACK W/MANUAL DRAIN VALVE V2 (INTEGRAL W/ PRIMARY FUEL FILTER) |
| | ENGINE HEATERS | GRID HEATER + 120v 1500w BLOCK HEATER (120V-15A PLUG) |
| S | OIL SUMP | 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 |
| | BATTERY PROTECTION | INTEGRATED LOW VOLTAGE DISCONNECT |

| 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 |
| | DRIVELINE - MAIN | MERITOR RPL35-SD, WITH CROSS SERRATED YOKE (PROPS2XL) |
| | DRIVELINE - INTERAXLE | MERITOR RPL25 |
| | PROPELLR SHAFT MAIN, UNVSL JNT | UNIVERSAL JOINT CROSS SERRATED YOKE |
| S | PROP SHAFT INTERAXL UNIV JOINT | HALF-ROUND UNIVERSAL JOINT |
| S | TRANSMISSION OUTPUT TORQUE | TRANSMISSION OUTPUT TORQUE BASIC |
| | LUBRICANTS, TRANSMISSION | 75W - 90 (SYNTHETIC LUBRICANT) |
| S | TRANSMISSION OIL COOLER | MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO WATER COOLER |
| | HILL START ASSIST | GRADE GRIPPER |

| FRONT AXLE EQUIPMENT | | DESCRIPTION |
|----------------------|------------------------------|--|
| | FRONT AXLE | 13200# (6000 KG) MACK FXL13.2 STRAIGHT SPINDLE/UNITIZED BEARINGS |
| | SPRINGS - FRONT | MACK TAPERLEAF 13200# (6000 KG) GROUND LOAD RATING, EQUAL BIAS |
| S | FRONT STABILIZER | FRONT STABILIZER BAR |
| S | FRONT AXLE BRAKES | MERITOR "S" CAM TYPE 16.5" x 5" Q+ |
| S | BRAKE, FRONT | CAST IRON |
| | FRONT AXLE BRAKE DUST SHIELD | DUST SHIELDS FOR FRONT AXLE |
| | FRONT BRAKE ADJ. MANUFACTURE | MERITOR - AUTOMATIC |
| S | FRONT BRAKE CHAMBER MFG. | FRONT BRAKE CHAMBER MANUFACTURER, HALDEX |

TECHNICAL SPECIFICATION *(cont.)*



| FRONT AXLE EQUIPMENT | | DESCRIPTION |
|----------------------|------------------------|--|
| | HUB MATERIAL, FRONT | FERROUS |
| S | FRONT AXLE LUBRICANT | FRONT AXLE LUBE, FAG NLGI2 GREASE |
| | STEERING | TRW TAS66 INTEGRAL POWER |
| S | FRONT SUSP MAINTENANCE | MAINTENANCE FREE, RUBBER SPRING EYE BUSHINGS |

| REAR AXLE EQUIPMENT | | DESCRIPTION |
|---------------------|---|--|
| | REAR AXLE | 46000# (20900kg) MERITOR RT46-160 |
| S | REAR AXLE CASING WIDTH | W/O WIDE TRACK AXLE |
| | LUBE PUMP, REAR AXLE | LUBE PUMP AND FILTER |
| S | DRIVE AXLE LUBRICANT | DRIVE AXLE LUBE, SHELL 75W90 SYNTHETIC OIL |
| | CARRIER - REAR AXLE | VENDOR CARRIER |
| | TRACTION DIFFERENTIAL | DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL RR.AXLES W/INDIVIDUAL SWITCHES |
| S | POWER DIVIDER LOCKOUT | INTERAXLE POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT |
| | REAR AXLE RATIO | 3.42 RATIO |
| | REAR SUSPENSION | MACK AL-461 AIR 46,000 lb (NOT FOR USE WITH AIR DISC BRAKES) |
| 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 | AUX.SPRING BRAKE QTY | AUX SPRING BRAKE QTY, 4 CHAMBERS |
| | BRAKES - REAR | MERITOR "S" CAM 16.5"x7" Q+ (Total for QTY = 2) |
| S | BRAKE, DRIVE, REAR | CAST IRON |
| | REAR BRAKE ADJ MANUFACTURE | MERITOR - AUTOMATIC (Total for QTY = 2) |
| | DRIVE AXLE BRAKE DUST SHIELD | DUST SHIELDS FOR REAR AXLE |
| | 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 | PARKING 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 | ANTILOCK BRAKE SYSTEM | MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL 4S4M |
| S | BRAKE VALVE VERSION | BENDIX SWITCHES AND VALVES WHERE POSSIBLE |
| | TRACTION CONTROL DISABLE (CA in PC29 only) | AUTOMATIC TRACTION CONTROL (ATC) FULL DISABLE SWITCH |
| S | SPRING BRAKE INVERSION VALVE | TRACTOR SPRING BRAKE INVERSION VALVE |

| FRAME EQUIPMENT/FUEL TANKS | | DESCRIPTION |
|----------------------------|--------------------------------|--|
| | WHEELBASE | 233" |
| S | AF (OVERHANG) | 56" |
| | FRAME RAILS & LINERS | 9.5 x 90 x 300mm - (0.37" x 3.54" x 11.81"); RBM 2,470,000 LB-IN |
| S | CROSSMEMBERS | STEEL |
| S | REAR CROSSMEMBER OPTIONS | BOXED AND TAPERED CLOSING CROSSMEMBER FOR USE W/ BUILT IN TAIL LAMPS |
| S | REAR FRAME TREATMENT | FURNISH TAPERED & FLANGED FRAME RAIL ENDS (28 DEG) FOR USE W/BUILT IN TAIL LAMPS |
| S | MUDFLAP HANGERS, REAR AXLE | BETTS B87 SERIES WITH CONSPICUITY FEATURE (FMVSS 108) |
| S | FRONT BUMPER | AERODYNAMIC, PAINTED, WITH BLACK ACCENT, WITH SPOILER |
| S | FUEL LEVEL SENDER UNIT, LIQUID | BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK |

TECHNICAL SPECIFICATION *(cont.)*



| FRAME EQUIPMENT/FUEL TANKS | DESCRIPTION | |
|----------------------------|----------------------------|---|
| | FUEL TANK - LH | 117 GALLON (445 L) 26" ALUMINUM ROUND |
| | FUEL TANK - RH | 117 GALLON (445 L) 26" ALUMINUM ROUND |
| S | FUEL HOSES, LIQUID | BRAIDED HOSE |
| 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 |
| S | STEPS (BRIGHT) - FUEL TANK | STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS |
| | QUARTER FENDERS | PLASTIC QUARTER FENDERS |

| AIR/BRAKE | DESCRIPTION | |
|-----------|-------------------------|---|
| S | AIRTANK DRAIN VALVE | MANUAL DRAIN VALVES, WITH LANYARDS ON ALL TANKS |
| S | AIRTANK MATERIAL | STEEL AIR TANK PAINTED CHASSIS COLOR |
| S | RELOCATE AIR RESERVOIRS | W/O RELOCATED AIR TANKS |
| S | PARKING BRAKE VALVE | TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK |

| ELECTRICAL | DESCRIPTION | |
|------------|------------------------------|--|
| | BACK-UP ALARM | ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB |
| | DASH MOUNTED SWITCHES | TWO (2) EXTRA DASH MOUNTED ILLUMINATED SWITCHES |
| | AUX. FOG LAMP | FOG LAMPS (ROUND) |
| S | ROOF & SIDE MARKER LIGHTS | (5) ROOF MARKER LAMP & STANDARD MARKER / DIRECTIONAL SIGNAL |
| | HEADLAMP BULB TYPE | HEADLAMP BULB TYPE, LED, HEATED |
| 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 STOP & TAIL LAMPS W/BACKUP LAMP & LICENSE PLATE MTD IN CLOSING CROSSMEMBER |

| TRAILER CONNECTIONS | DESCRIPTION | |
|---------------------|--|--|
| | FIFTH WHEEL | AIR - HOLLAND FW35 ILS SERIES, LH RELEASE (AVAIL: 6.81",7.80",8.82",9.80") |
| S | 5TH WHEEL MOUNTING BRACKETS | SLIDING 5TH WHEEL MTG, 24" TRAVEL |
| S | FIFTH WHEEL ANGLE MATERIAL | STEEL FIFTH WHEEL ANGLES |
| S | 5TH WHEEL ANGLE THICKNESS | 5TH WHEEL ANGLE, 10MM THICKNESS |
| S | 5TH WHEEL OFFSET | 50" BOGIESPREAD = -1" OFFSET, 52" BS = 0", 54" BS = 1", 55" BS = 1.5", 4x2 = - 26" |
| | RAMP (SLIDE MEMBER) | BASIC RAMP |
| | GROUND TO 5TH WHEEL TOP HGT. (CA in PC29 only) | 1283MM (50.5") GROUND TO 5TH WHEEL TOP HEIGHT |
| | FIFTH WHEEL LEG-HEIGHT (KAX Result) | 224MM (8.81"), FIFTH WHEEL LEG-HEIGHT (SELECTED BY KAX) |
| S | TRAILER GLAD HAND COUPLINGS | GLAD HAND COUPLINGS - NORTH AMERICAN STD |
| S | TRAILER BRAKE VALVE | HAND CONTROL VALVE FOR TRAILER BRAKES W/ AIR CONNECTIONS OR SERVICE BRAKES W/O AIR CONNECTIONS |
| S | TRAILER CONNECTION POSITION | TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB |
| S | TRAILER ACCESS PACKAGE | LOW PROFILE DECK PLATE |
| S | TRAILER BRAKE HOSEHANGER | HOSE TENDER, POGO STICK (CHASSIS MOUNTED) |
| S | TRAILER ELECTRICAL RECEPT | SINGLE, 7 PINS STD SAE TYPE, BACK OF CAB |
| S | TRAILER BRAKE HOSES & CABLES | TRAILER AIR HOSES (12' NON-COILED TYPE) |
| | TRAILER HOOKUP LIGHT | SINGLE INCANDESCENT FLUSH MTD LOWER LHS & DUAL INCANDESCENT OUTBOARD MTD ON SIDE SHIELDS |
| S | TRAILER ELECTRICAL CABLE CONFIG | TRAILER ELECTRICAL CORD (12' NON-COILED TYPE) |
| S | TRAILER CONNECTORS HOLDER | ELECTRICAL PLUG HOLDER (INCLUDES GLAD HAND STORAGE) |

TECHNICAL SPECIFICATION *(cont.)*



| PTO | | DESCRIPTION |
|-----|--|--|
| S | PTO - REAR MOUNTED | mDRIVE Without PTO, Removable Block Off Plate |
| S | AMT/AUTOMATIC TRANS PTO FUNCT. POWER TAKE OFF CONTROL | TRANSMISSION PTO FUNCTIONS BASIC mDRIVE SINGLE PTO PREP KIT W/ ILLUMINATED DASH MOUNTED SWITCH & PIPING FOR LOCAL INSTALL |

| SPECIALTY EQUIPMENT | | DESCRIPTION |
|---------------------|---|---|
| S | AUXILIARY POWER UNIT LANE SUPPORT SYSTEM (LSS) | WITHOUT AUXILIARY POWER UNIT WITHOUT LANE SUPPORT SYSTEM |
| S | DATA CAPTURE | WITHOUT DATA CAPTURE |
| S | CAMERA, SURVEILLANCE | WITHOUT CAMERA |

| CAB INTERIOR (A THRU G) | | DESCRIPTION |
|-------------------------|--|--|
| S | SPEEDOMETER -&- GAUGES - UNIT(s) OF MEASURE | METRIC PREDOMINANT - ROADSPEED W/U.S. UNITS FOR ALL OTHER GAUGES |
| | GAUGE - PACKAGE, SECONDARY | 2ND GA PKG W/ENG OIL TEMP, TRANS OIL TEMP, PYRO, BOOST PRESS |
| | GAUGE OIL TEMP-REAR AXLE | REAR AXLE OIL TEMP GAUGE IN DID (DRIVER INFORMATION DISPLAY) |
| | AUXILIARY PNEUMATIC OUTLET CAB (CA family in PC29 only) | AUX. INCAB PNEUMATIC LINE CLEANOUT |
| S | AIR CONDITIONING/HEATER | BLEND AIR HVAC W/"ATC" TEMP REGULATION |
| S | CUPHOLDER | CUPHOLDER |
| | DOME LAMP, INTERIOR | RED FLOOR LIGHTING W/SWITCH PLUS (4) DOOR LAMPS W/SWITCHES |
| | FIRE EXTINGUISHER | 5LB (ABC RATED) MOUNTED BETWEEN DRIVER SEAT BASE AND DOOR VALVE AIMED REARWARD |
| S | FLOOR COVERING | POLYURETHANE FLOOR MAT W/ 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 |
| | DOOR OPENING OPTIONS | ELECTRONIC KEYLESS ENTRY |
| S | FORWARD OVERHEAD STORAGE | FORWARD OVERHEAD STORAGE, SHELF |
| | AUDIO ACCOMMODATION | PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH, SIRIUS/XM SATELLITE |
| S | ANTENNA - RADIO | 48" ANTENNA RIGHT SIDE MIRROR MOUNTED |
| | ANTENNA - CB RADIO | 48" ANTENNA LEFT SIDE MIRROR MOUNTED |
| S | AUDIO SHUTOFF | AUTO SHUTOFF FOR RADIO ENTERTAINMENT SYSTEM WHEN VEHICLE IS ENGAGED IN REVERSE |
| S | POWER LEADS | POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE |
| S | AUDIO SPEAKER LOCATION | SPEAKER LOCATION, ABOVE AND IN DOORS, REAR WALL, SLEEPER |
| | COMMUNICATION RADIO | COBRA 29 LTD CB RADIO |
| S | COM.RADIO PREP KIT (CB) | MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE |
| | REFLECTOR KIT | W/SLEEPER BOX FURNISH KIT MOUNTED LH LUGGAGE COMPARTMENT |

| CAB INTERIOR (S THRU Z) | | DESCRIPTION |
|-------------------------|-----------------------------|--|
| S | INTERIOR TRIM LEVELS | COMFORT TRIM PACKAGE, STEEL GRAY (Package 11A) |
| | SEAT - DRIVER'S | NATIONAL-AIR, WIDE WIDTH/HIGH BACK, 3 CHAMBER AIR LUMBAR, BOLSTER, W/ HEAT |
| | SEAT COVERING - DRIVER'S | DRIVER'S SEAT - STEEL GREY VINYL / CLOTH MIX |
| | SEAT - PASSENGER'S | NATIONAL-AIR, WIDE WIDTH/HIGH BACK, 3 CHAMBER AIR LUMBAR, BOLSTER, W/ HEAT |
| | SEAT COVERING - PASSENGER'S | PASSENGER'S SEAT - STEEL GREY VINYL / CLOTH MIX |

TECHNICAL SPECIFICATION *(cont.)*



| CAB INTERIOR (S THRU Z) | | DESCRIPTION |
|-------------------------|--------------------------|--|
| | SEAT SUPPORT, DUST COVER | SEAT, DUST COVER FOR DRIVER'S AND RIDER'S SEATS |
| S | SEAT ARMREST | INBOARD MOUNTED ARM REST, DRIVER'S & RIDER'S SEAT |
| S | SEAT BELT(S) | LAP & SHOULDER (BOTH SEATS) CAB MOUNTED SHOULDER BELT ADJUSTMENT |
| S | SEAT BELT REMINDER | SEAT BELT REMINDER IN INSTRUMENT, WITH AUDIO |
| S | IGNITION TYPE | KEY TYPE |
| S | STEERING WHEEL | 2 SPOKE URETHANE GRIP, SATIN ALUMINUM SPOKES, WITH SWITCHES |
| S | WINDSHIELD TYPE | TWO PIECE WINDSHIELD |
| S | CAB GLASS | TINTED WINDSHIELD & SIDE WINDOWS |
| S | WINDSHIELD WIPERS | 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE |

| CAB - SLEEPER BOX | | DESCRIPTION |
|-------------------|---------------------------------|---|
| S | SLEEPER BOX | 70" STANDUP SLEEPER |
| S | CURTAIN | WITH BOTH WINDSHIELD/WINDOW AND SLEEPER BUNK CURTAINS |
| | INVERTER / SHORE POWER | 120V/1800W INVERTER MOUNTED IN SLEEPER STORAGE COMPARTMENT, W/SHORE POWER |
| | REFRIGERATOR | REFRIGERATOR 49L, MOUNTED IN CAB |
| S | ALARM CLOCK, SLEEPER | SLEEPER BOX - DIGITAL ALARM CLOCK |
| | VIDEO EQUIPMENT | SLEEPER BOX - TV ANTENNA AND 12V OUTLET FOR TV TRAY |
| S | LOWER BUNK | LIFT-UP LOCKING LOWER BUNK W/ INNERSPRING MATTRESS (39" x 80") |
| S | STORAGE OVERHEAD BUNK | UPPER REAR WALL CABINET AND LOWER SHELF W/CUP HOLDERS |
| | EXIT DOOR, SLEEPER BOX | SLEEPER ACCESS DOOR WITH WINDOW |
| S | SLPR.BOX-HEATER/AIR COND. | HEATER / AIR CONDITIONING FOR SLEEPER BOX |
| | PARKING HEATER | WEBASTO AUX CAB HEATER MODEL AIR TOP 2000 ST |
| | SLEEPER AUX. FAN | AUX SLEEPER FAN, LOCATED RH REAR CORNER, W/ FAN MOUNTED SWITCH |
| | LUGGAGE COMPARTMENT LOCK OPTION | LUGGAGE COMPARTMENT LOCK OPTION, RANDOM KEY & LATCH HANDLE |
| S | LUGGAGE COMPARTM.LID OPENING | LUGGAGE COMPARTMENT LID OPENING, BOTH SIDES |
| S | SLEEPER BOX - WINDOW | BOTH SIDES SLEEPER BOX LOWER WINDOW, POP-OUT |
| | STORAGE BIN ABOVE DOORS | STORAGE BIN ABOVE DOORS, BOTH SIDES |
| S | CABINET, LEFT HAND SIDE LOWER | LH BASE CABINET, SHELVES W/ DOOR, DRAWER, & SLIDE OUT WORK TABLE |
| | CABINET, LEFT HAND SIDE UPPER | LH UPPER WARDROBE CABINET, & TOP STORAGE |
| S | CABINET, RIGHT HAND SIDE LOWER | RH BASE CABINET, WITH REFRIGERATOR OR REFRIGERATOR PREP, & DRAWER |
| | CABINET, RIGHT HAND SIDE UPPER | RH UPPER CABINET WITHOUT DOOR W/BEZEL & TOP STORAGE |

| CAB EXTERIOR | | DESCRIPTION |
|--------------|-----------------------------------|---|
| | PERMIT PLATE | 2 POL, 304SS 3.5X15" W/SELF-ADH. BK; AT REC. SECTION CAB SILL PL. BELOW BOTH DRS |
| S | EMBLEMS OPTION | W/O MISC ORNAMENT CHANGE OPTION |
| | HOOD LATCH TYPE & FINISH | STRAP TYPE HOOD LATCH WITH BLACK FINISH |
| S | EXTERIOR TRIM FINISH AND PACKAGES | ANTHEM BOLD BLACK EXTERIOR TRIM PACKAGE |
| | PASSENGER SIDE VISIBILITY OPTIONS | AUXILIARY WINDOW IN RH DOOR W/ FRESNEL LENS WITHOUT SIDE CLOSE VIEW MIRROR |
| S | GRAB HANDLES | PREMIUM BLACK EXTERIOR CAB GRAB HANDLE, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST |
| S | HORN - AIR | (1) BLACK TWIN TRUMPET, UNDER CAB MOUNTED |
| S | HORN - ELECTRICAL | DUAL TONE |
| S | MIRRORS - EXTERIOR | AERO MIRROR - BODY COLOR, HEATED & MOTORIZED both sides, WIDE ANGLE both sides, W/O LAMPS |
| | MIRROR - CONVEX HOOD & FENDER | CONVEX AERODYNAMIC HOOD MIRROR - BODY COLOR, HEATED, RH & LH |

TECHNICAL SPECIFICATION *(cont.)*



| CAB EXTERIOR | | DESCRIPTION |
|--------------|------------------------|--|
| | SUN VISOR - EXTERIOR | SUN VISOR, EXTERIOR, FIBERGLASS (PAINTED) |
| | REFLECTORS - AUXILIARY | RED REFLECTORS (ONE EACH SIDE) BACK OF CAB |

| AERODYNAMIC DEVICES | | DESCRIPTION |
|---------------------|-----------------------------------|---|
| | CAB AERODYNAMIC PACKAGES | PAINTED CAB SIDE PANELS W/ AERO EXTENDERS TO TOP OF SIDE PANELS |
| | FRONT CHASSIS AERODYNAMIC PACKAGE | CHASSIS FAIRINGS W/O GROUND EFFECTS |
| S | REAR CHASSIS AERODYNAMIC PACKAGE | WITHOUT REAR AERODYNAMIC FAIRING |

| WHEELS & TIRES | | DESCRIPTION |
|----------------|--------------------------|--|
| | TIRES BRAND/TYPE - FRONT | 11R22.5 H BRIDGESTONE R250ED (13220 lbs) (Total for QTY = 2) |
| | WHEELS - FRONT | 22.5x8.25 ALCOA ULA18x POLISHED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 2) |
| | TIRES BRAND/TYPE - REAR | 11R22.5 H BRIDGESTONE M799 (24020 lbs) (DRIVE ONLY) (Total for QTY = 8) |
| | WHEELS - REAR | 22.5x8.25 ALCOA ULA18x POLISHED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 8) |
| 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) |

| 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 |

| 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) |
| | ENG.FAN CNTL MVG VHC.TIME SET | ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING, 2 MIN |
| | ENG FAN CNTL, A/C ON, TIME SET | ENG FAN CONTROL, A/C ON, TIME SETTING, 60 SEC |
| S | ENGINE IDLE CONTROL | IDLE CONTROL, 600 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 | WITHOUT 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 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 KMH (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 |
|--------------------------|--|--|
| | TRANSMISSION DRIVE MODE PACKAGES, mDRIVE | mDRIVE- ENHANCED CONSTRUCTION - ECON, PERF, & PERF+ DRIVE MODES, MANUAL RETURN (premium) |

TECHNICAL SPECIFICATION *(cont.)*



| TRANSMISSION ELECTRONICS | | DESCRIPTION |
|--------------------------|---|---|
| S | ECONO ROLL | ECONO ROLL ENABLE VIA CO-PILOT, mDRIVE ONLY |
| S | PRE-VIEW TOPOGRAPHY | MACK PREDICTIVE CRUISE LEARNING BY GPS POSITIONING (available with mDRIVE only) |
| S | TRANSMISSION KICK-DOWN MODE | MACKCELLERATOR ENABLE |
| S | TRANSMISSION ELECTRONICS PACKAGE | W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions) |
| | TRANSM AUTO NEUTRAL ON P-BRAKE | mDRIVE TRANSMISSION PARK BRAKE AUTO NEUTRAL |
| S | TRANSMISSION ELECTRONIC SHIFTING PROPERTIES | W/O ALLISON FUELSENSE 2.0 PROGRAMMING |

| VEHICLE ELECTRONICS | | DESCRIPTION |
|---------------------|--------------------------------|--|
| S | ROAD SPEED LIMITER SETTING | 105 KM/H ROAD SPEED LIMITER (65MPH) |
| 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 |
| | PDLO ENGAGED VLS | POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 24KMH (15MPH) |
| | DIFF LOCK SPEED LIMIT | DIFFERENTIAL LOCK ROAD SPEED LIMIT 24KMH (15MPH) |
| 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 |
| | PAINT COLOR - FIRST COLOR | ARCTIC WHITE (MACK EXCLUSIVE COLOR); 932845 |
| 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 | CHASSIS FAIRING COLOR | SAME AS FIRST COLOR - CHASSIS FAIRING |

TECHNICAL SPECIFICATION *(cont.)*



| PAINT | | DESCRIPTION |
|----------|--|------------------------------------|
| | SUN VISOR COLOR | SAME AS FIRST COLOR - SUN VISOR |
| S | MIRROR COVER COLOR | SAME AS FIRST COLOR - MIRROR COVER |
| S | SLEEPER ROOF COLOR | SAME AS FIRST COLOR - SLEEPER ROOF |
| | ROOF FAIRING COLOR | WITHOUT ROOF FAIRING |
| S | CHASSIS RUNNING GEAR | MACK BLACK (URETHANE); P3036 |
| S | BUMPER | SAME AS FIRST COLOR - BUMPER |
| 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 |
| | AUTO ROUTING & CLIPPING, CENTER | AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION |

| BASE WARRANTY & PURCHASED COVERAGES | | DESCRIPTION |
|-------------------------------------|---------------------------------|--|
| | VEHICLE WARRANTY TYPE | HEAVY DUTY WARRANTY CLASSIFICATION |
| | 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) |
| | TRANSMISSION WARRANTY | 36 MONTHS: STANDARD mDRIVE HD TRANSMISSIONS HEAVY DUTY WARRANTY |
| S | CARRIER & AXLE HOUSING WARRANTY | STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 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) |
| | GUARDDOG CONNECT BUNDLE | 24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall)) |

| SERVICES | | DESCRIPTION |
|----------|------------------------|------------------------------------|
| S | MACK INTEGRATED UPTIME | MACK INTEGRATED UPTIME - 24 MONTHS |
| S | FLEET INTEGRATION | WITHOUT FLEET INTEGRATION |
| S | PARTNERED SERVICES | NO PARTNERED SERVICES PROVIDED |

| Z - TO BE DISCONTINUED - GOING OBSOLETE | | DESCRIPTION |
|---|---------------------------|------------------------------------|
| | CARB 2008 IDLE REGULATION | IDLE EMISSION CERTIFICATION, BASIC |

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