

Mack Standard Features

Bid Invitation #HT06-16

The following descriptions are the standard features, as pulled from the *Macktrac* dealer quotation database, price book. Offeror shall price these complete trucks in their entirety, on Form-D, reflecting the entire complement of the base vehicle specification's standard features listed herein, as well as all normal dealer make-ready and factory-to-dealer destination charges. Except as ordered by an H-GAC member (e.g. axle upgrade, longer wheelbase, et cetera), the base units described herein and priced on Form-D shall not require any additional compulsory components, fees, or services to render them complete, functional, and legal cab-chassis. All Form-D line items shall be priced inclusive of air conditioning.

H-GAC Product Code: I1

Pinnacle Series: CHU 612, Conv. Cab, SFFA, SRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES, TEXAS

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, NORMAL HIGHWAY - Unlimited operation on concrete or asphalt with a maximum 3% grade; limited operation on maintained gravel/packed dirt with a maximum 3% grade; and limited operation on concrete or asphalt with a maximum 8% grade. No operation on unmaintained surfaces. (2 AXLES) 50,000 lbs (22,680 kg) MAX GVW. (3 AXLES) 63,000 lbs (28,576 kg) MAX GVW.

CARRIER APPLICATION, VENDOR CARRIER

VEHICLE TYPE, TRACTOR FOR 5TH WHEEL

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

65000# (29484 kg) GCW RATING

BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, GRADES <9% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 20%

TRANSPORTATION CYCLE, LOCAL DISTRIBUTION

ROAD CONDITION, WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE

AMBIENT TEMPERATURE UPPER LIMIT, AMBIENT TEMPERATURE VERY HOT. WARMER THAN 104 F (40 C) MORE THAN 25 HOURS PER YEAR

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CHU602 4-WHEEL TRACTOR

ENGINE/TRANSMISSION/CLUTCH

ECONODYNE GEAR SELECTION STRATEGY, GEAR SELECTION TUNING, BASIC

ENGINE, MACK MP8-415C 415 HP @1400-1700 RPM (PEAK) 1660 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO mDRIVE (11.73/0.78) - PREMIUM W/OVERDRIVE

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM CERAMIC PASSIVE REGEN

EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

EMERGENCY ENGINE STOP, WITHOUT EMERGENCY STOP

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

Prospective Customer Ref#: AIYW025517A Page 2

Description

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK

LOADSENSE, W/O LOADSENSE TORQUE LIMITATION

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), W/O AIR ASSIST

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - NORMAL PERFORMANCE MODE AUTO RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, SYNTHETIC LUBE FOR mDRIVE TRANSMISSION

VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)

CAB CONFIGURATIONS, LH-STEER CA68 CONV CAB

WITHOUT CAB CLEANOUT

CERTIFIED WEIGHT

PARK BRAKE AND ENGINE RUNNING ACTIVATED

(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED

DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL

GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES

GAUGES, ENGLISH/METRIC DISPLAY

WITHOUT REAR AXLE OIL TEMPERATURE GAUGE

GEAR SHIFT, mDRIVE - PREMIUM

GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS

GRAB HANDLES, BRIGHT FINISH RH & LH BEHIND DOOR

GRILLE, BRIGHT FINISH (CHROME) GRILLE W/BLACK BACKGROUND

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER

HOOD INSULATION

PAINTED HOOD LATCHES

HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET

HORN - ELECTRIC, SINGLE TONE

IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED

IN-DASH STORAGE, W/O UPPER STORAGE OPTION

INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON

STALK CONTROL DIAG DISPLAY

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Description

INTERIOR TRIM (GENUINE - SLATE GRAY) 3 overhead storage compartments w/nets, rear panel with storage pouch w/2 trash bag hooks, 2 cup holders, slate gray door panels & trim, vinyl padded interior sun visors both sides, adjustable tilt/telescoping steering column, 2 overhead dome lights, 1 driver overhead spot light & 1 map non-glare overhead spot light, 2 12V power outlets, 2 coat hangers, RH center storage compartment.

CHASSIS KEYED AT RANDOM - 2 KEYS

OVERHEAD CONSOLE, (3) COMPARTMENT W/NET

AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH

48" ANTENNA RIGHT SIDE MIRROR MOUNTED

DASHBOARD MOUNTING STRAP

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION

SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION

SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS

SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR DRIVER & RIDER SEATS

STEERING COLUMN, ADJUSTABLE TILT TELESCOPE

STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES

STORAGE POUCH REAR

SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER

TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS

WINDSHIELD, 2-PIECE WINDSHIELD

CAB - SLEEPER BOX

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, STAINLESS STEEL CLAD ALUMINUM FLUSH MTD 117.3"/2980 mm BBC (CORPORATE 94" x 15.5")

CROSSMEMBERS, STEEL

BOXED AND TAPERED CROSSMEMBER

FIFTH WHEEL, AIR SLIDE - LH RELEASE (BOLTED TO OUTBOARD MTG ANGLES), JOST JSK37USL SERIES, CHOOSE A BRACKET HEIGHT 99.99"

5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES

TOWING DEVICE - FRONT, (2) CLEVIS

W/O REAR TOWING DEVICE

FUEL TANK - LH, 93 GALLON (350 L) 26" ALUMINUM ROUND

FUEL TANK - RH, 93 GALLON (350 L) 26" ALUMINUM ROUND

18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD

PAINTED FINISH DEF TANK COVER

NYLON TUBE

DUAL DRAW AND RETURN FUEL SYSTEM
FURNISH STANDARD FUEL TANK CAP

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R283 ECOPIA (ALL POSITION)

WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED

WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS

BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER

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Description

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

DUST SHIELDS - FRONT BRAKE, OMIT

HUBS - FRONT, ALUMINUM

FAG SCHAEFFLER, FRONT GREASE SEAL

SHOCK ABSORBERS, FRONT

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)

STEERING, THP60 TRW-PWR (INTEGRAL)

LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE, 23000# (10433kg) MERITOR RS-23-161 SINGLE REDUCTION

SUSPENSION - REAR, 23000# MULTILEAF SPRINGS

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (4) 295/75R22.5 14 G R283 ECOPIA (ALL POS)

CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(4) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL

AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING

SPRING BRAKE CHAMBERS - VENDOR, HALDEX "GOLD SEAL" TYPE

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 166" (4210 mm) WB 78" CA (1987 mm)

PLATFORM, 117" LP (2967 mm) 39" AF (980 mm) USED WITH 166" WB

FRAME RAILS, 10.47" x 3.54" x .24" (266 x 90 x 6mm) STEEL Section Modulus: 11.6 cu in/RBM 1,390,000 in lbs per rail

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER

ANTI-LOCK BRAKE SYSTEM, MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL

ATC DISABLE SWITCH, W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

W/O COLLISION WARNING SYSTEM

WITHOUT ACB VOLUME LEVEL

BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

DRAIN VALVES, MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY

HAND CONTROL VALVE FOR TRAILER BRAKES

WITHOUT SPRING BRAKE INVERSION VALVE

W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB

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Description

TRAILER AIR HOSES (12 FT NON-COILED TYPE)

GLAD HAND COUPLINGS - NORTH AMERICAN STD

TRAILER ELECTRICAL CORD (12 FT NON-COILED TYPE)

ELECTRICAL

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, STEEL BASE FORWARD OF LH FUEL TANK

CHASSIS & POWER HARNESS WITH STANDARD CASING

TRIPLES TRAILER ELECTRICAL PACKAGE INCLUDES: 12 GAUGE WIRE FOR TURN SIGNALS, 12 GAUGE WIRE AND 30

AMP CIRCUIT W/RELAY FOR CLEARANCE AND MARKER LAMPS, 10 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR

STOP LAMPS, 12 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR TAIL LAMPS, AND 8 GAUGE WIRE FOR GROUND

ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED

WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING

PAINT/VINYL STRIPING

PAINT/VINYL STRIPING - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

WITHOUT SPECIAL PRE-FINISHED OPTION

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

W/O PAINT FOR FUEL TANK (7HB-Z1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

W/O OPTIONAL TRANS TORQUE CONVERTER

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

PEDAL ROAD SPEED LIMITER (MPH) 65 mph

LGVLS FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

SOFT RSL Omit

PDLO ENGAGED VLS FEATURE Furnish

PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm

CRUISE CONTROL SETTINGS W/O ALLISON TRANS

CRUISE CONTROL MAX SET SPEED (MPH) 65 mph

CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

CRUISE CONTROL AUTORESUME W/CLUTCH Furnish

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph

SMOOTH CRUISE Omit

ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm

FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm

VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph

IDLE LOGGING DELAY (MIN) 2

Monthly Trip Summary

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Description

PERIODIC TRIP HOUR OF DAY 0 (disable)

PERIODIC TRIP DAY OF WEEK 0 (disable)

PERIODIC TRIP DAY OF MONTH 1

DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH

DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00

DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph

CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level

FLEET MANAGEMENT VIA CO-PILOT Omit

EHT MAX ENGINE SET SPEED (RPM)

2100 rpm

EHT MIN ENGINE SET SPEED (RPM) 700 rpm

EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

EHT RAMP RATE (RPM/Sec)

EHT SINGLE SPEED CONTROL ACTIVATION Omit

EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm

EHT JUMP-TO-MIN SET SPEED Omit

EHT HOLD TO NEAREST RPM 50 rpm

EHT ACCEL-DECEL BUMP-UP RPM 50 rpm

EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm

ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish

ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit

ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish

ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish

ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish

ALLOW FAN OVERRIDE WHEN PARKED Omit

FAN ACTIVATION WITH PTO Omit

FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)

FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive

FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0

FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph

FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0

FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph

FEI DISTANCE CALCULATION INTERVAL (Miles) 00

GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS

GOVERNOR TYPE Min-Max Governor

ENGINE HIGH IDLE SPEED IF STOPPED 0000

VEHICLE ACCELERATION LIMITING FEATURE Disable

REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable

ENGINE RPM LIMIT IN UPPER GEARS 0000

1st TRANS RATIO FOR REDUCED HIGH IDLE 0000

LAST TRANS RATIO FOR FULL HIGH IDLE 0000

ENGINE LOW IDLE SET SPEED (RPM) 650 rpm

DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

SMART IDLE FEATURE ACTIVATION Omit

SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10

IDLE S/D ABS TAMPER CHECK Omit

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Description

IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TIME GAP SETTING, WITHOUT TIME GAP SETTINGS

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, WITHOUT PILOT INSPECTION
STANDARD SHIPPING INSTRUCTIONS

MARKETING PROMOTION, NO FMV LEASE, TRADE BACK RESIDUAL OR TRADE IN WITH MACK PARTICIPATION

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Description

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I2
Pinnacle Series: CHU 613, Conv. Cab, SFFA, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, VENDOR CARRIER
VEHICLE TYPE, TRACTOR FOR 5TH WHEEL
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, MAKE A SELECTION
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CHU603 6-WHEEL TRACTOR

ENGINE/TRANSMISSION/CLUTCH

ECONODYNE GEAR SELECTION STRATEGY, GEAR SELECTION TUNING, BASIC
ENGINE, ENGINE - BASIC GEAR SELECTION, MACK MP8-415C 415 HP @1400-1700 RPM (PEAK) 1660 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO mDRIVE (11.73/0.78) - PREMIUM W/OVERDRIVE

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM CERAMIC PASSIVE REGEN
EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES
TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

EMERGENCY ENGINE STOP, WITHOUT EMERGENCY STOP

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

STARTER, 12 VOLT DELCO MTHD 39

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Description

TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK
LOADSENSE, W/O LOADSENSE TORQUE LIMITATION

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), W/O AIR ASSIST

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - NORMAL PERFORMANCE MODE AUTO RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, SYNTHETIC LUBE FOR mDRIVE TRANSMISSION

VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

DRIVELINE - INTERAXLE, SPICER SPL170XL EXTENDED LUBE SERIES

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)

CAB CONFIGURATIONS, LH-STEER CA68 CONV CAB

WITHOUT CAB CLEANOUT

CERTIFIED WEIGHT

PARK BRAKE AND ENGINE RUNNING ACTIVATED

(4) DOME LAMPS - DOOR AND SWITCH PANEL

DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL

GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE, BRIGHT FINISH (CHROME) GRILLE W/BLACK BACKGROUND
CAB (H thru R)
HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
HOOD INSULATION
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL DIAG DISPLAY
INTERIOR TRIM (GENUINE - SLATE GRAY) 3 overhead storage compartments w/nets, rear panel with storage pouch w/2 trash
bag hooks, 2 cup holders, slate gray door panels & trim, vinyl padded interior sun visors both sides, adjustable tilt/telescoping
steering column, 2 overhead dome lights, 1 driver overhead spot light & 1 map non-glare overhead spot light, 2 12V power outlets,
Prospective Customer Ref#: AIYW026117A Page 3

Description

2 coat hangers, RH center storage compartment.
CHASSIS KEYED AT RANDOM - 2 KEYS
OVERHEAD CONSOLE, (3) COMPARTMENT W/NET
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
48" ANTENNA RIGHT SIDE MIRROR MOUNTED
DASHBOARD MOUNTING STRAP

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR
DRIVER & RIDER SEATS
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER
TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD

CAB - SLEEPER BOX

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, STAINLESS STEEL CLAD ALUMINUM FLUSH MTD 117.3"/2980 mm BBC (CORPORATE 94" x 15.5")
CROSSMEMBERS, STEEL
BOXED AND TAPERED CROSSMEMBER
FIFTH WHEEL, AIR SLIDE - LH RELEASE (BOLTED TO OUTBOARD MTG ANGLES), JOST JSK37USL SERIES, CHOOSE A
BRACKET HEIGHT 99.99"
5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES
TOWING DEVICE - FRONT, (2) CLEVIS
W/O REAR TOWING DEVICE
FUEL TANK - LH, 93 GALLON (350 L) 26" ALUMINUM ROUND
FUEL TANK - RH, 93 GALLON (350 L) 26" ALUMINUM ROUND
18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
NYLON TUBE
DUAL DRAW AND RETURN FUEL SYSTEM
FURNISH STANDARD FUEL TANK CAP

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R283 ECOPIA (ALL
POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, ALUMINUM

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Description

FAG SCHAEFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF HD 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)
STEERING, THP60 TRW-PWR (INTEGRAL)
LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT
REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR MT-40-14X4C AMBOID (HIGH ENTRY), MT-40-14XC WITH MAXLITE 40 EZ (GEN 2) 40000#

TIRES BRAND/TYRE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 295/75R22.5 14 G R283 ECOPIA (ALL POS)

CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07L, 16.5x7 STAMPED SPIDER

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT

SHOCK ABSORBERS - (4), MOUNTED ON FORWARD AND REAR AXLES EACH SIDE

W/O SHOCK INSULATORS

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SUSPENSION - AXLE SPACING, 52" AXLE SPACING (BOGIE WHEELBASE)

SUSPENSION - HEIGHT CONTROL KIT, AIR SUSPENSION HEIGHT CONTROL KIT (W/DUMP VALVE AND CONTROL)

AIR SUSPENSION DUMP WARNING, AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER

SPRING BRAKE CHAMBERS - VENDOR, HALDEX "GOLD SEAL" TYPE

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

TRANSVERSE TORQUE RODS (BOTH AXLES)

STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 178" (4520 mm) WB 90" CA (2297 mm)

PLATFORM, 147" LP (3727 mm) 56" AF (1430 mm) USED WITH 178" WB

FRAME RAILS, 10.47" x 3.54" x .24" (266 x 90 x 6mm) STEEL Section Modulus: 11.6 cu in/RBM 1,390,000 in lbs per rail

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER

ANTI-LOCK BRAKE SYSTEM, MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL

ATC DISABLE SWITCH, W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

W/O COLLISION WARNING SYSTEM

WITHOUT ACB VOLUME LEVEL

BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

DRAIN VALVES, MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY

HAND CONTROL VALVE FOR TRAILER BRAKES

WITHOUT SPRING BRAKE INVERSION VALVE

W/O TRAILER ACCESS PACKAGE

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Description

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB

TRAILER AIR HOSES (12 FT NON-COILED TYPE)

GLAD HAND COUPLINGS - NORTH AMERICAN STD

TRAILER ELECTRICAL CORD (12 FT NON-COILED TYPE)

ELECTRICAL

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, STEEL BASE FORWARD OF LH FUEL TANK

CHASSIS & POWER HARNESS WITH STANDARD CASING

TRIPLES TRAILER ELECTRICAL PACKAGE INCLUDES: 12 GAUGE WIRE FOR TURN SIGNALS, 12 GAUGE WIRE AND 30

AMP CIRCUIT W/RELAY FOR CLEARANCE AND MARKER LAMPS, 10 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR

STOP LAMPS, 12 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR TAIL LAMPS, AND 8 GAUGE WIRE FOR GROUND

ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED

WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING

PAINT/VINYL STRIPING

PAINT/VINYL STRIPING - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

WITHOUT SPECIAL PRE-FINISHED OPTION

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

W/O PAINT FOR FUEL TANK (7HB-Z1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

W/O OPTIONAL TRANS TORQUE CONVERTER

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

PEDAL ROAD SPEED LIMITER (MPH) 65 mph

LGVLs FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

SCALEABLE ROAD SPEED LIMIT (MPH)

SOFT RSL Omit

PDLO ENGAGED VLS FEATURE Furnish

PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm

CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

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Description

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

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Description

SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm

PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TIME GAP SETTING, WITHOUT TIME GAP SETTINGS

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10

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Description

PILOT INSPECTION, CHOOSE AN OPTION

STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I3
Pinnacle Series: CXU 612, Conv. Cab, SBFA, SRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, VENDOR CARRIER
VEHICLE TYPE, TRACTOR FOR 5TH WHEEL
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, MAKE A SELECTION
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CXU602 4-WHEEL TRACTOR

ENGINE/TRANSMISSION/CLUTCH

ECONODYNE GEAR SELECTION STRATEGY, GEAR SELECTION TUNING, BASIC
ENGINE, MACK MP7-325E 325 HP @1400-1800 RPM (PEAK) 1260 LB FT. MAX TORQUE @ 1100-1300 RPM
TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO mDRIVE (11.73/0.78) - PREMIUM W/OVERDRIVE
CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC
PASSIVE REGEN
EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES
TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

EMERGENCY ENGINE STOP, WITHOUT EMERGENCY STOP
ENGINE BRAKE, MACK ENGINE BRAKE POWER LEASH FOR MP7
FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)
HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

STARTER, 12 VOLT DELCO MTHD 39

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Description

TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK
LOADSENSE, W/O LOADSENSE TORQUE LIMITATION

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - NORMAL PERFORMANCE MODE AUTO RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, SYNTHETIC LUBE FOR mDRIVE TRANSMISSION

VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

AERODYNAMIC DEVICES

CHASSIS FAIRINGS, WITHOUT CHASSIS FAIRINGS

GROUND EFFECTS, WITHOUT GROUND EFFECTS

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)

CAB CONFIGURATIONS, LH-STEER CA68 CONV CAB

WITHOUT CAB CLEANOUT

CERTIFIED WEIGHT

PARK BRAKE AND ENGINE RUNNING ACTIVATED

(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
VISIBILITY DOOR
DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BLACK FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
CAB (H thru R)
HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
HOOD INSULATION
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (GENUINE - SLATE GRAY) 3 overhead storage compartments w/nets, rear panel with storage pouch w/2 trash
Prospective Customer Ref#: AIYW026217A Page 3

Description

bag hooks, 2 cup holders, slate gray door panels & trim, vinyl padded interior sun visors both sides, adjustable tilt/telescoping steering column, 2 overhead dome lights, 1 driver overhead spot light & 1 map non-glare overhead spot light, 2 12V power outlets, 2 coat hangers, RH center storage compartment.
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE CAB DOORS, WITH AERO MIRRORS
OVERHEAD CONSOLE, (3) COMPARTMENT W/NET
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
48" ANTENNA RIGHT SIDE MIRROR MOUNTED
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) MOUNTED ON TOP OF DASH
DASHBOARD MOUNTING STRAP

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR DRIVER & RIDER SEATS
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER
TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD

CAB - SLEEPER BOX

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, FLUSH NON-METALLIC AERO ARGENT 117.3"/2980 mm BBC W/CHARCOAL ACCENT
CROSSMEMBERS, STEEL
BOXED AND TAPERED CROSSMEMBER
FIFTH WHEEL, AIR SLIDE - LH RELEASE (BOLTED TO OUTBOARD MTG ANGLES), JOST JSK37USL SERIES, CHOOSE A BRACKET HEIGHT 99.99"
5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES
TOWING DEVICE - FRONT, (2) CLEVIS
TOWING DEVICE - REAR, W/O REAR TOWING DEVICE
W/O REAR TOWING DEVICE
FUEL TANK - LH, 72 GALLON (272 L) 26" ALUMINUM ROUND
FUEL TANK - RH, 72 GALLON (272 L) 26" ALUMINUM ROUND
18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
NYLON TUBE
DUAL DRAW AND RETURN FUEL SYSTEM
FURNISH STANDARD FUEL TANK CAP

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R283 ECOPIA (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED

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Description

WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, ALUMINUM
FAG SCHAEFFLER, FRONT GREASE SEAL
DOUBLE ACTING TYPE

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF HD 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)

STEERING, TAS-65 TRW INTEGRAL POWER

LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE, 23000# (10433kg) MERITOR RS-23-161 SINGLE REDUCTION

SUSPENSION - REAR, 23000# MULTILEAF SPRINGS

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (4) 295/75R22.5 14 G R283 ECOPIA (ALL POS)

CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(4) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL

AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING

SPRING BRAKE CHAMBERS - VENDOR, HALDEX "GOLD SEAL" TYPE

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 156" (3950 mm) WB 90" CA (2287 mm)

PLATFORM, 131" LP (3317 mm) 41" AF (1030 mm) USED WITH 156" WB

FRAME RAILS, 10.47" x 3.54" x .24" (266 x 90 x 6mm) STEEL Section Modulus: 11.6 cu in/RBM 1,390,000 in lbs per rail

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER

ANTI-LOCK BRAKE SYSTEM, MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL

ATC DISABLE SWITCH, W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

W/O COLLISION WARNING SYSTEM

WITHOUT ACB VOLUME LEVEL

BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

DRAIN VALVES, MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY

HAND CONTROL VALVE FOR TRAILER BRAKES

WITHOUT SPRING BRAKE INVERSION VALVE

W/O TRAILER ACCESS PACKAGE

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Description

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB

TRAILER AIR HOSES (12 FT NON-COILED TYPE)

GLAD HAND COUPLINGS - NORTH AMERICAN STD

TRAILER ELECTRICAL CORD (12 FT NON-COILED TYPE)

ELECTRICAL

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, (4) BATTERY MAX, MTD LHS LOWER UNDER CAB, PARALLEL TO FRAME W/STEPS AND W/AIR RESVR. MTD BELOW

CHASSIS & POWER HARNESS WITH STANDARD CASING

TRIPLES TRAILER ELECTRICAL PACKAGE INCLUDES: 12 GAUGE WIRE FOR TURN SIGNALS, 12 GAUGE WIRE AND 30 AMP CIRCUIT W/RELAY FOR CLEARANCE AND MARKER LAMPS, 10 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR STOP LAMPS, 12 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR TAIL LAMPS, AND 8 GAUGE WIRE FOR GROUND ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED

WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING

PAINT/VINYL STRIPING

PAINT/VINYL STRIPING - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

WITHOUT SPECIAL PRE-FINISHED OPTION

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

W/O PAINT FOR FUEL TANK (7HB-Z1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

W/O OPTIONAL TRANS TORQUE CONVERTER

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

PEDAL ROAD SPEED LIMITER (MPH) 65 mph

LGVLS FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

SOFT RSL Omit

PDLO ENGAGED VLS FEATURE Furnish

PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm

CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

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Description

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

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Description

SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm

PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TIME GAP SETTING, WITHOUT TIME GAP SETTINGS

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10

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Description

PILOT INSPECTION, CHOOSE AN OPTION

STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I4
Pinnacle Series: CXU 613, Conv. Cab, SBFA, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, VENDOR CARRIER
VEHICLE TYPE, TRACTOR FOR 5TH WHEEL
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, MAKE A SELECTION
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CXU603 6-WHEEL TRACTOR

ENGINE/TRANSMISSION/CLUTCH

ECONODYNE GEAR SELECTION STRATEGY, GEAR SELECTION TUNING, BASIC
ENGINE, ENGINE - BASIC GEAR SELECTION, MACK MP7-325E 325 HP @1400-1800 RPM (PEAK) 1260 LB FT. MAX TORQUE
@ 1100-1300 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO mDRIVE (11.73/0.78) - PREMIUM W/OVERDRIVE

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC
PASSIVE REGEN
EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT
FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES
TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

EMERGENCY ENGINE STOP, WITHOUT EMERGENCY STOP

ENGINE BRAKE, MACK ENGINE BRAKE POWER LEASH FOR MP7

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

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Description

STARTER, 12 VOLT DELCO MTHD 39
TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK
LOADSENSE, W/O LOADSENSE TORQUE LIMITATION

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - NORMAL PERFORMANCE MODE AUTO RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, SYNTHETIC LUBE FOR mDRIVE TRANSMISSION

VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

DRIVELINE - INTERAXLE, SPICER SPL170XL EXTENDED LUBE SERIES

AERODYNAMIC DEVICES

CHASSIS FAIRINGS, WITHOUT CHASSIS FAIRINGS

GROUND EFFECTS, WITHOUT GROUND EFFECTS

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)

CAB CONFIGURATIONS, LH-STEER CA68 CONV CAB

WITHOUT CAB CLEANOUT

CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
VISIBILITY DOOR
DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BLACK FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
CAB (H thru R)
HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
HOOD INSULATION
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
Prospective Customer Ref#: AIYW026317A Page 3

Description

STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (GENUINE - SLATE GRAY) 3 overhead storage compartments w/nets, rear panel with storage pouch w/2 trash bag hooks, 2 cup holders, slate gray door panels & trim, vinyl padded interior sun visors both sides, adjustable tilt/telescoping steering column, 2 overhead dome lights, 1 driver overhead spot light & 1 map non-glare overhead spot light, 2 12V power outlets, 2 coat hangers, RH center storage compartment.
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE CAB DOORS, WITH AERO MIRRORS
OVERHEAD CONSOLE, (3) COMPARTMENT W/NET
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
48" ANTENNA RIGHT SIDE MIRROR MOUNTED
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) MOUNTED ON TOP OF DASH
DASHBOARD MOUNTING STRAP

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR DRIVER & RIDER SEATS
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER
TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD

CAB - SLEEPER BOX

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, FLUSH NON-METALLIC AERO ARGENT 117.3"/2980 mm BBC W/CHARCOAL ACCENT
CROSSMEMBERS, STEEL
BOXED AND TAPERED CROSSMEMBER
FIFTH WHEEL, AIR SLIDE - LH RELEASE (BOLTED TO OUTBOARD MTG ANGLES), JOST JSK37USL SERIES, CHOOSE A BRACKET HEIGHT 99.99"
5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES
TOWING DEVICE - FRONT, (2) CLEVIS
TOWING DEVICE - REAR, W/O REAR TOWING DEVICE
W/O REAR TOWING DEVICE
FUEL TANK - LH, 72 GALLON (272 L) 26" ALUMINUM ROUND
FUEL TANK - RH, 72 GALLON (272 L) 26" ALUMINUM ROUND
18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
NYLON TUBE
DUAL DRAW AND RETURN FUEL SYSTEM
FURNISH STANDARD FUEL TANK CAP

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R283 ECOPIA (ALL POSITION)

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Description

WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, ALUMINUM

FAG SCHAEFFLER, FRONT GREASE SEAL
DOUBLE ACTING TYPE
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF HD 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)
STEERING, TAS-65 TRW INTEGRAL POWER
LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT
REAR AXLE/EQUIPMENT/TIRES/RATIOS
REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR MT-40-14X4C AMBOID (HIGH ENTRY), MT-40-14XC WITH MAXLITE 40 EZ (GEN 2) 40000#
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 295/75R22.5 14 G R283 ECOPIA (ALL POS)
CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07L, 16.5x7 STAMPED SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
POWER DIVIDER LOCKOUT
SHOCK ABSORBERS - (4), MOUNTED ON FORWARD AND REAR AXLES EACH SIDE
W/O SHOCK INSULATORS
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - AXLE SPACING, 52" AXLE SPACING (BOGIE WHEELBASE)
SUSPENSION - HEIGHT CONTROL KIT, AIR SUSPENSION HEIGHT CONTROL KIT (W/DUMP VALVE AND CONTROL)
AIR SUSPENSION DUMP WARNING, AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
SPRING BRAKE CHAMBERS - VENDOR, HALDEX "GOLD SEAL" TYPE
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
LUBRICANT - TANDEM REAR AXLE, FACTORY OPTION REAR AXLE LUBRICANT
TRANSVERSE TORQUE RODS (BOTH AXLES)
STANDARD WHEEL STUD OPTION
FRAME/WHEELBASE/PLATFORM
WHEELBASE, 162" (4110 mm) WB 96" CA (2447 mm)
PLATFORM, 153" LP (3877 mm) 56" AF (1430 mm) USED WITH 162" WB
FRAME RAILS, 10.47" x 3.54" x .24" (266 x 90 x 6mm) STEEL Section Modulus: 11.6 cu in/RBM 1,390,000 in lbs per rail
AIR/BRAKE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
ANTI-LOCK BRAKE SYSTEM, MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL
ATC DISABLE SWITCH, W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH
Prospective Customer Ref#: AIYW026317A Page 5
Description
W/O COLLISION WARNING SYSTEM
WITHOUT ACB VOLUME LEVEL
BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK
DRAIN VALVES, MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY
HAND CONTROL VALVE FOR TRAILER BRAKES
WITHOUT SPRING BRAKE INVERSION VALVE
W/O TRAILER ACCESS PACKAGE
TRAILER CONNECTIONS
TRAILER AIR CONNECTIONS, TRAILER AIR BRAKE CONNECTIONS, BACK OF CAB
TRAILER AIR HOSES (12 FT NON-COILED TYPE)
GLAD HAND COUPLINGS - NORTH AMERICAN STD
TRAILER ELECTRICAL CORD (12 FT NON-COILED TYPE)
ELECTRICAL
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, (4) BATTERY MAX, MTD LHS LOWER UNDER CAB, PARALLEL TO FRAME W/STEPS AND W/AIR RESVR. MTD BELOW
CHASSIS & POWER HARNESS WITH STANDARD CASING
TRIPLES TRAILER ELECTRICAL PACKAGE INCLUDES: 12 GAUGE WIRE FOR TURN SIGNALS, 12 GAUGE WIRE AND 30 AMP CIRCUIT W/RELAY FOR CLEARANCE AND MARKER LAMPS, 10 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR STOP LAMPS, 12 GAUGE WIRE AND 20 AMP CIRCUIT W/RELAY FOR TAIL LAMPS, AND 8 GAUGE WIRE FOR GROUND
ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
PAINT/VINYL STRIPING
PAINT/VINYL STRIPING - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS
PAINT PROCESS CODES
W/O PAINT FOR BUMPER (5ZB-Z1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
W/O PAINT FOR FUEL TANK (7HB-Z1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)
PTO/SPECIALTY/ADDITIONAL EQUIPMENT
W/O OPTIONAL TRANS TORQUE CONVERTER

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVL5 FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SCALEABLE ROAD SPEED LIMIT (MPH)
SOFT RSL Omit
PDLO ENGAGED VLS FEATURE Furnish
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm

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Description

CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS

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Description

GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5

IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit

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Description

PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TIME GAP SETTING, WITHOUT TIME GAP SETTINGS

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I5
Granite Series GU432, Conv. Cab, SFFA, SRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, NOT AVAILABLE
VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, VOCATIONAL
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), GU402 4-WHEEL TRUCK
CHASSIS PACKAGING SOLUTIONS, PACKAGE 2A INCLUDES: Cummins Switchback DPF, RH Battery Box, Air Under B
Box - remaining on Frame Rails REQUIRES: Sleeved LH Fuel Tank 66 or 88 gallons.

ENGINE/TRANSMISSION/CLUTCH

ENGINE, CUMMINS ISL-D 345 HP @1600-1900 RPM (PEAK) 1150 LB. FT. MAX. TORQUE @ 1400 RPM
TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), FULLER FRO-14210C (12.69/0.74)
CLUTCH, MANUAL ADJUSTING, 1335501 EATON ADVANTAGE EZ-PEDAL, 7-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH, 4
PADDLES, MANUAL ADJ

EXHAUST/EMISSIONS

DPF, DPF, HORIZ RH SIDE UNDER CAB & BEHIND STEP CUMMINS SWITCHBACK
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM SELECTIVE CATALYST REDUCTION
PLUS DPF VERSION 3
EXHAUST, SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END
FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD DPF (CUMMINS)

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (2) MACK 12V 1000/2000 CCA THREADED STUD TYPE
BUG SCREEN, RADIATOR MOUNTED
TEXACO EXTENDED LIFE COOLANT W/NITRITES (50/50 MIX) TO -34 DEG
ENGINE BRAKE, W/O ENGINE BRAKE
FAN DRIVE, KYSOR FAN, ON/OFF

FUEL-WATER SEPARATOR, DAVCO 382, NON-HEATED W/VENDOR PRIM & MACK SEC FUEL FILTER

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN HEATER, W/O OIL PAN HEATER
ELECTRIC PREHEATER

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Description

STARTER, 12 VOLT DELCO MTHD 39
TETHER DEVICE, W/O TETHER DEVICE
TRANSMISSION EQUIPMENT/DRIVELINES
CLUTCH ASSIST (AIR), MECHANICAL CABLE
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, ALUMINUM
W/O TRANSMISSION DUSTPROOFING
SYNTHETIC LUBRICANT - TRANSMISSION, 50W (SYNTHETIC LUBRICANT)
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING
DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND AIR CONDITIONER

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)
CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB
WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION

GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY
CAB (H thru R)
HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES
HORN - AIR, TWIN - MOUNTED UNDER CAB TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SLATE GRAY) Vinyl headliner & seat covering, 2 netted storage compartments and center CB
radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray
instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visor - driver
side only, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, hand crank lh/rh windows, 2 general
overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V power sources, seat belts, lap and shoulder
w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage compartment, RH Door Peep Window
CHASSIS KEYED AT RANDOM - 2 KEYS

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Description

MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB
PROVISIONS
RADIO ACCOMMODATION PKG INCLUDES-ANTENNA, POWER SUPPLY AND TWO SPEAKERS (NO RADIO)
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, OMIT RIDER SEAT
SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER SEAT ONLY
LAP AND SHOULDER (DRIVER'S SEAT ONLY)
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - DRIVER SIDE
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, WINDSHIELD WASHER RESERVOIR INSTALLED BOC
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEPT BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 66 GALLON (250 L) STEEL, SLEEVED D-SHAPED
FUEL TANK - RH, OMIT RH STANDARD
6.6 GALLON (25 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
WITHOUT DEF TANK COVER
FURNISH STANDARD FUEL TANK CAP

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)

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Description

STEERING, THP60 TRW-PWR (INTEGRAL)
REAR AXLE/EQUIPMENT/TIRES/RATIOS
REAR AXLE, 21000# (9500kg) MERITOR RS-21-145 (MS21-14X4)
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (4) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(4) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - REAR, 21000# MULTILEAF
SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL
AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION
FRAME/WHEELBASE/PLATFORM
WHEELBASE, 187" (4749 mm) WB 99" CA (2514 mm)
PLATFORM, 156" LP (3962 mm) 56" AF (1430 mm) USED WITH 187" WB
FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
W/O RELOCATED AIR TANKS
ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
W/O HAND CONTROL VALVE
INCREASED AIR CAPACITY, W/O INCREASED AIR RESERVOIR CAPACITY
W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND UNDER CAB
W/O OPTIONAL DASH MTD. LIGHT
CHASSIS & POWER HARNESS WITH STANDARD CASING

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Description

"BODY LINK" III W/CAB PASS-THRU
REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 85 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION
LOWER GEAR VEHICLE LIMITING SPEED (MPH)
SOFT RSL Omit
PDLO ENGAGED VEHICLE LIMITING SPEED 00 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Omit
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph

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Description

CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 00 rpm
EHT ACCEL-DECEL BUMP-UP RPM 00 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 00 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH MANUAL TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 700 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 60
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish

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Description

IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 00
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 00
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 00
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 0000 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 700 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 250
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm

PTO 2 MIN ENGINE SET SPEED (RPM) 0 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 00 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10

PILOT INSPECTION, CHOOSE AN OPTION

STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I6
Granite Series GU433, Conv. Cab, SFFA, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, NOT AVAILABLE
VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, VOCATIONAL
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), GU403 6-WHEEL TRUCK
CHASSIS PACKAGING SOLUTIONS, PACKAGE 2A INCLUDES: Cummins Switchback DPF, RH Battery Box, Air Under B
Box - remaining on Frame Rails REQUIRES: Sleeved LH Fuel Tank 66 or 88 gallons.

ENGINE/TRANSMISSION/CLUTCH

ENGINE, CUMMINS ISL-D 345 HP @1600-1900 RPM (PEAK) 1150 LB. FT. MAX. TORQUE @ 1400 RPM
TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), FULLER FRO-14210C (12.69/0.74)
CLUTCH, MANUAL ADJUSTING, 1335501 EATON ADVANTAGE EZ-PEDAL, 7-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH, 4
PADDLES, MANUAL ADJ

EXHAUST/EMISSIONS

DPF, DPF, HORIZ RH SIDE UNDER CAB & BEHIND STEP CUMMINS SWITCHBACK
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM SELECTIVE CATALYST REDUCTION
PLUS DPF VERSION 3
EXHAUST, SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END
FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD DPF (CUMMINS)

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (2) MACK 12V 1000/2000 CCA THREADED STUD TYPE
BUG SCREEN, RADIATOR MOUNTED
TEXACO EXTENDED LIFE COOLANT W/NITRITES (50/50 MIX) TO -34 DEG
ENGINE BRAKE, W/O ENGINE BRAKE
FAN DRIVE, KYSOR FAN, ON/OFF

FUEL-WATER SEPARATOR, DAVCO 382, NON-HEATED W/VENDOR PRIM & MACK SEC FUEL FILTER

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN HEATER, W/O OIL PAN HEATER
ELECTRIC PREHEATER

Prospective Customer Ref#: AIYW026517A Page 2

Description

STARTER, 12 VOLT DELCO MTHD 39
TETHER DEVICE, W/O TETHER DEVICE
TRANSMISSION EQUIPMENT/DRIVELINES
CLUTCH ASSIST (AIR), MECHANICAL CABLE
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, ALUMINUM
W/O TRANSMISSION DUSTPROOFING
SYNTHETIC LUBRICANT - TRANSMISSION, 50W (SYNTHETIC LUBRICANT)
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING
DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"
DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND AIR CONDITIONER

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)
CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB
WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE

W/O INSIDE/OUTSIDE TEMP GAUGE OPTION
GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES
HORN - AIR, TWIN - MOUNTED UNDER CAB TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SLATE GRAY) Vinyl headliner & seat covering, 2 netted storage compartments and center CB
radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray
instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visor - driver
side only, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, hand crank lh/rh windows, 2 general
overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V power sources, seat belts, lap and shoulder
w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage compartment, RH Door Peep Window

Prospective Customer Ref#: AIYW026517A Page 3

Description

CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB
PROVISIONS
RADIO ACCOMMODATION PKG INCLUDES-ANTENNA, POWER SUPPLY AND TWO SPEAKERS (NO RADIO)
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, OMIT RIDER SEAT
SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER SEAT ONLY
LAP AND SHOULDER (DRIVER'S SEAT ONLY)
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - DRIVER SIDE
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, WINDSHIELD WASHER RESERVOIR INSTALLED BOC
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEEP BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 66 GALLON (250 L) STEEL, SLEEVED D-SHAPED
FUEL TANK - RH, OMIT RH STANDARD
6.6 GALLON (25 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
WITHOUT DEF TANK COVER
FURNISH STANDARD FUEL TANK CAP

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

Prospective Customer Ref#: AIYW026517A Page 4

Description

SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)

STEERING, THP60 TRW-PWR (INTEGRAL)

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR MT-40-14X4D HYPOID (LOW ENTRY), MT-40-14X4D MACK AL-402
AIR 40000# CAPACITY
W/O WIDE TRACK AXLE OPTION
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
SHOCK ABSORBERS - (4), MOUNTED ON FORWARD AND REAR AXLES EACH SIDE
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - AXLE SPACING, 52" AXLE SPACING (BOGIE WHEELBASE)
SUSPENSION - HEIGHT CONTROL KIT, AIR SUSPENSION HEIGHT CONTROL KIT (W/DUMP VALVE AND CONTROL)
AIR SUSPENSION DUMP WARNING, AIR SUSPENSION DUMP, WARNING INDICATOR & BUZZER
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
SYNTHETIC LUBRICANT - REAR AXLE, FACTORY OPTION LUBE REAR AXLE
TRANSVERSE TORQUE RODS (BOTH AXLES)
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION
FRAME/WHEELBASE/PLATFORM
WHEELBASE, 211" (5370 mm) WB 124" CA (3147 mm)
PLATFORM, 186" LP (4727 mm) 62" AF (1580 mm) USED WITH 211" WB
FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
W/O RELOCATED AIR TANKS
ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
W/O HAND CONTROL VALVE
INCREASED AIR CAPACITY, W/O INCREASED AIR RESERVOIR CAPACITY
W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

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Description

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND UNDER CAB
W/O OPTIONAL DASH MTD. LIGHT
CHASSIS & POWER HARNESS WITH STANDARD CASING
"BODY LINK" III W/CAB PASS-THRU
REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 85 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VEHICLE LIMITING SPEED 00 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

CRUISE CONTROL AUTORESUME W/CLUTCH Omit
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary

Prospective Customer Ref#: AIYW026517A Page 6

Description

PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 00 rpm
EHT ACCEL-DECEL BUMP-UP RPM 00 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 00 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (COJ 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH MANUAL TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 700 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 60
IDLE SHUTDOWN WARNING TIME (SECS) 30

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Description

IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 00
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 00
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 00
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 0000 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 700 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 250
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSSET Omit

PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 0 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 00 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10

PILOT INSPECTION, CHOOSE AN OPTION

STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I7
Granite Series GU532, Conv. Cab, SBFA, SRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, NOT AVAILABLE
VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, VOCATIONAL
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), GU502 4-WHEEL TRUCK
CHASSIS PACKAGING SOLUTIONS, PACKAGE 2 INCLUDES: Cummins Switchback DPF, RH Battery Box, Air Under B
Box - remaining on rail REQUIRES: LH Fuel Sleeved Single Fuel Tank, Omit RH Tank

ENGINE/TRANSMISSION/CLUTCH

ENGINE, CUMMINS ISL-D 345 HP @1600-1900 RPM (PEAK) 1150 LB. FT. MAX. TORQUE @ 1400 RPM
TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), FULLER FRO-14210C (12.69/0.74)
CLUTCH, MANUAL ADJUSTING, 1335501 EATON ADVANTAGE EZ-PEDAL, 7-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH, 4
PADDLES, MANUAL ADJ

EXHAUST/EMISSIONS

DPF, DPF, HORIZ RH SIDE UNDER CAB & BEHIND STEP CUMMINS SWITCHBACK
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM SELECTIVE CATALYST REDUCTION
PLUS DPF VERSION 3
EXHAUST, SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END
FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD DPF (CUMMINS)

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (2) MACK 12V 1000/2000 CCA THREADED STUD TYPE
BUG SCREEN, RADIATOR MOUNTED
TEXACO EXTENDED LIFE COOLANT W/NITRITES (50/50 MIX) TO -34 DEG
ENGINE BRAKE, W/O ENGINE BRAKE
FAN DRIVE, KYSOR FAN, ON/OFF
FUEL-WATER SEPARATOR, DAVCO 382, NON-HEATED W/VENDOR PRIM & MACK SEC FUEL FILTER
HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES
OIL PAN HEATER, W/O OIL PAN HEATER
ELECTRIC PREHEATER

Prospective Customer Ref#: AIYW026717A Page 2

Description

STARTER, 12 VOLT DELCO MTHD 39
TETHER DEVICE, W/O TETHER DEVICE
TRANSMISSION EQUIPMENT/DRIVELINES
CLUTCH ASSIST (AIR), MECHANICAL CABLE
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, ALUMINUM
W/O TRANSMISSION DUSTPROOFING
SYNTHETIC LUBRICANT - TRANSMISSION, 50W (SYNTHETIC LUBRICANT)
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING
DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND AIR CONDITIONER
AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)
CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB
WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION

GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES
HORN - AIR, TWIN - MOUNTED UNDER CAB TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SLATE GRAY) Vinyl headliner & seat covering, 2 netted storage compartments and center CB radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visor - driver side only, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, hand crank lh/rh windows, 2 general overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V power sources, seat belts, lap and shoulder w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage compartment, RH Door Peep Window
CHASSIS KEYED AT RANDOM - 2 KEYS

Prospective Customer Ref#: AIYW026717A Page 3

Description

MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
RADIO ACCOMMODATION PKG INCLUDES-ANTENNA, POWER SUPPLY AND TWO SPEAKERS (NO RADIO)
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, OMIT RIDER SEAT
SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER SEAT ONLY
LAP AND SHOULDER (DRIVER'S SEAT ONLY)
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - DRIVER SIDE
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, WINDSHIELD WASHER RESERVOIR INSTALLED BOC
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEPT BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 66 GALLON (250 L) STEEL, SLEEVED D-SHAPED
FUEL TANK - RH, OMIT RH STANDARD
6.6 GALLON (25 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
WITHOUT DEF TANK COVER
FURNISH STANDARD FUEL TANK CAP
RELOCATE FUEL TANK, W/O RELOCATED FUEL TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAEFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

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Description

SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)
STEERING, TAS66 TRW POWER

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE, 21000# (9500kg) MERITOR RS-21-145 (MS21-14X4)
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (4) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC

(4) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - REAR, 21000# MULTILEAF
SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL
AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION
FRAME/WHEELBASE/PLATFORM
WHEELBASE, 159" (4038 mm) WB 93" CA (2362 mm)
PLATFORM, 156" LP (3962 mm) 62" AF (1580 mm) USED WITH 159" WB
FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
W/O RELOCATED AIR TANKS
ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
W/O HAND CONTROL VALVE
W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND BEHIND SCR
W/O OPTIONAL DASH MTD. LIGHT
CHASSIS & POWER HARNESS WITH STANDARD CASING

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Description

"BODY LINK" III W/CAB PASS-THRU
REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 85 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VEHICLE LIMITING SPEED 00 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Omit
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph

IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level

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Description

FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 00 rpm
EHT ACCEL-DECEL BUMP-UP RPM 00 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 00 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH MANUAL TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 700 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 60
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 00

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Description

IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 00
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 00
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 0000 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 700 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 250
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 0 rpm

PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 00 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10

PILOT INSPECTION, CHOOSE AN OPTION

STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I8
Granite Series GU533, Conv. Cab, SBFA, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, NOT AVAILABLE
VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, VOCATIONAL
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), GU503 6-WHEEL TRUCK
CHASSIS PACKAGING SOLUTIONS, PACKAGE 2 INCLUDES: Cummins Switchback DPF, RH Battery Box, Air Under B
Box - remaining on rail REQUIRES: LH Fuel Sleeved Single Fuel Tank, Omit RH Tank

ENGINE/TRANSMISSION/CLUTCH

ENGINE, CUMMINS ISL-D 345 HP @1600-1900 RPM (PEAK) 1150 LB. FT. MAX. TORQUE @ 1400 RPM
TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), FULLER FRO-14210C (12.69/0.74)
CLUTCH, MANUAL ADJUSTING, 1335501 EATON ADVANTAGE EZ-PEDAL, 7-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH, 4
PADDLES, MANUAL ADJ

EXHAUST/EMISSIONS

DPF, DPF, HORIZ RH SIDE UNDER CAB & BEHIND STEP CUMMINS SWITCHBACK
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM SELECTIVE CATALYST REDUCTION
PLUS DPF VERSION 3
EXHAUST, SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END
FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD DPF (CUMMINS)

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (2) MACK 12V 1000/2000 CCA THREADED STUD TYPE
BUG SCREEN, RADIATOR MOUNTED
TEXACO EXTENDED LIFE COOLANT W/NITRITES (50/50 MIX) TO -34 DEG
ENGINE BRAKE, W/O ENGINE BRAKE
FAN DRIVE, KYSOR FAN, ON/OFF

FUEL-WATER SEPARATOR, DAVCO 382, NON-HEATED W/VENDOR PRIM & MACK SEC FUEL FILTER

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN HEATER, W/O OIL PAN HEATER
ELECTRIC PREHEATER

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Description

STARTER, 12 VOLT DELCO MTHD 39
TETHER DEVICE, W/O TETHER DEVICE
TRANSMISSION EQUIPMENT/DRIVELINES
CLUTCH ASSIST (AIR), MECHANICAL CABLE
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, ALUMINUM
W/O TRANSMISSION DUSTPROOFING
SYNTHETIC LUBRICANT - TRANSMISSION, 50W (SYNTHETIC LUBRICANT)
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING
DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"
DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND AIR CONDITIONER

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)
CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB
WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE

W/O INSIDE/OUTSIDE TEMP GAUGE OPTION
GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES
HORN - AIR, TWIN - MOUNTED UNDER CAB TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SLATE GRAY) Vinyl headliner & seat covering, 2 netted storage compartments and center CB
radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray
instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visor - driver
side only, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, hand crank lh/rh windows, 2 general
overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V power sources, seat belts, lap and shoulder
w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage compartment, RH Door Peep Window

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Description

CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB
PROVISIONS
RADIO ACCOMMODATION PKG INCLUDES-ANTENNA, POWER SUPPLY AND TWO SPEAKERS (NO RADIO)
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, OMIT RIDER SEAT
SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER SEAT ONLY
LAP AND SHOULDER (DRIVER'S SEAT ONLY)
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - DRIVER SIDE
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, WINDSHIELD WASHER RESERVOIR INSTALLED BOC
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEEP BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), STEEL SINGLE CHANNEL (1) W/AF of 70" to 129".
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 66 GALLON (250 L) STEEL, SLEEVED D-SHAPED
FUEL TANK - RH, OMIT RH STANDARD
6.6 GALLON (25 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
WITHOUT DEF TANK COVER
FURNISH STANDARD FUEL TANK CAP
RELOCATE FUEL TANK, W/O RELOCATED FUEL TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT

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Description

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)
STEERING, TAS66 TRW POWER

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR MT-40-14X4D HYPOID (LOW ENTRY), MT-40-14X4D MACK AL-402
AIR 40000# CAPACITY
W/O WIDE TRACK AXLE OPTION

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
SHOCK ABSORBERS - (4), MOUNTED ON FORWARD AND REAR AXLES EACH SIDE
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - AXLE SPACING, 52" AXLE SPACING (BOGIE WHEELBASE)
SUSPENSION - HEIGHT CONTROL KIT, AIR SUSPENSION HEIGHT CONTROL KIT (W/DUMP VALVE AND CONTROL)
AIR SUSPENSION DUMP WARNING, AIR SUSPENSION DUMP, WARNING INDICATOR & BUZZER
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
SYNTHETIC LUBRICANT - REAR AXLE, FACTORY OPTION LUBE REAR AXLE
TRANSVERSE TORQUE RODS (BOTH AXLES)
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 193" (4910 mm) WB 128" CA (3247 mm)
PLATFORM, 202" LP (5127 mm) 74" AF (1880 mm) USED WITH 193" WB
FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
W/O RELOCATED AIR TANKS
ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
W/O HAND CONTROL VALVE
W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

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Description

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND BEHIND SCR
W/O OPTIONAL DASH MTD. LIGHT
CHASSIS & POWER HARNESS WITH STANDARD CASING
"BODY LINK" III W/CAB PASS-THRU
REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 85 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VEHICLE LIMITING SPEED 00 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Omit

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)

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Description

PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 00 rpm
EHT ACCEL-DECEL BUMP-UP RPM 00 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 00 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH MANUAL TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 700 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 60
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100

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Description

IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Omit
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 00
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 00
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 00
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 0000 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 700 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 250
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit

PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 0 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 00 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10

PILOT INSPECTION, CHOOSE AN OPTION

STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I9
Granite Series: GU712, Conv. Cab, SFFA, SRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD151, Unlimited miles on max 3% gravel/packed dirt or paved, max 15% miles on max 10% grade maintained gravel/packed dirt or paved, max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved.

45000# (20500 kgs) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION

TRANSPORTATION CYCLE, VOCATIONAL

ROAD CONDITION, MAKE A SELECTION

AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS

CHASSIS (BASE MODEL), GU702 4-WHEEL TRUCK

CHASSIS PACKAGING SOLUTIONS, CHOOSE A VALID PACKAGE SOLUTION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO-HD mDRIVE HD (11.73/0.78) - PREMIUM SHIFTER (OVERDRIVE)

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC

PASSIVE REGEN

EXHAUST, EXHAUST - SINGLE STANCHION OR SINGLE CAB MTD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V M/F GROUP 31 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES

BUG SCREEN, RADIATOR MOUNTED

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

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Description

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

W/O ENGINE COLD START AID

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, W/O TETHER DEVICE

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - ENHANCED CONSTRUCTION PERFORMANCE MODE MANUAL

RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

W/O TRANSMISSION DUSTPROOFING

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, 75W - 90 (SYNTHETIC LUBRICANT)

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND CONDITIONER

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)

CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB

WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES

HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET

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Description

HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 2 netted storage compartments and center CB
radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray
instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visors both
sides, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, adjustable tilt/telescoping steering
column, hand crank lh/rh windows, 2 general overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V
power sources, seat belts, lap and shoulder w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage
compartment, RH Door Peep Window
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB
PROVISIONS
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION

SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION

SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR
DRIVER & RIDER SEATS
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, W/O WINDSHIELD WASHER OPTION
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEPT BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
WITHOUT FIFTH WHEEL MOUNTING ANGLES
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 50 GALLON (190 L) STEEL ROUND
FUEL TANK - RH, OMIT RH STANDARD
FUEL TANKS - BRIGHT FINISH, W/O SPECIAL FINISH FUEL TANK
11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD

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Description

PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION
FURNISH STANDARD FUEL TANK CAP
W/O ISOLATED TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAEFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)
STEERING, SHEPPARD SD110

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE, 23000# (10433kg) MACK RA23R SINGLE DRIVE, DUAL REDUCTION AXLE WITH INDUSTRY STANDARD "R" SERIES SPINDLE AND WHEEL END EQUIPMENT FABRICATED STEEL HOUSING
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (4) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRD151 (FOR RA23R AXLE), 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(4) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - REAR, 23000# MULTILEAF NO ANTI-SWAY
SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL
AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
WITHOUT LOCKING MAIN DIFFERENTIAL
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 180" (4572 mm) WB 92" CA (2336 mm)
PLATFORM, 154" LP (3911 mm) 62" AF (1580 mm) USED WITH 180" WB
FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

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Description

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
W/O RELOCATED AIR TANKS
ANTI-LOCK BRAKE SYSTEM, BENDIX WITH TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
W/O HAND CONTROL VALVE
W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
WITHOUT HOSE TENDER
W/O TRAILER AIR HOSES
W/O TRAILER ELECTRICAL CABLE
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND UNDER CAB
W/O OPTIONAL DASH MTD. LIGHT
CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING
"BODY LINK" III W/CAB PASS-THRU
REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph

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Description

LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VLS FEATURE Furnish
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (COJ 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0

Prospective Customer Ref#: AIYW026817A Page 7

Description

FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit

IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

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Description

PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I10
Granite Series: GU713, Conv. Cab, SFFA, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD150-151, Unlimited miles on 3% grade maintained gravel/packed dirt or paved, Max 15% miles on 10% grade maintained gravel/packed dirt or paved, Max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved. 90000# (41000 kg) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION

TRANSPORTATION CYCLE, VOCATIONAL

ROAD CONDITION, MAKE A SELECTION

AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), GU703 6-WHEEL TRUCK

CHASSIS PACKAGING SOLUTIONS, CHOOSE A VALID PACKAGE SOLUTION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO-HD mDRIVE HD (11.73/0.78) - PREMIUM SHIFTER (OVERDRIVE)

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC

PASSIVE REGEN

EXHAUST, EXHAUST - SINGLE STANCHION OR SINGLE CAB MTD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V M/F GROUP 31 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES

BUG SCREEN, RADIATOR MOUNTED

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

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Description

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

W/O ENGINE COLD START AID

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, W/O TETHER DEVICE

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - ENHANCED CONSTRUCTION PERFORMANCE MODE MANUAL

RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

W/O TRANSMISSION DUSTPROOFING

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, 75W - 90 (SYNTHETIC LUBRICANT)

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

DRIVELINE - INTERAXLE, SPICER SPL170XL EXTENDED LUBE SERIES

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND CONDITIONER

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)

CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB

WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW (IF EQUIPPED)
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES

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Description

HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET

HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 2 netted storage compartments and center CB radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visors both sides, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, adjustable tilt/telescoping steering column, hand crank lh/rh windows, 2 general overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V power sources, seat belts, lap and shoulder w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage compartment, RH Door Peep Window
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR DRIVER & RIDER SEATS
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, W/O WINDSHIELD WASHER OPTION
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEPT BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
WITHOUT FIFTH WHEEL MOUNTING ANGLES
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 50 GALLON (190 L) STEEL ROUND
FUEL TANK - RH, OMIT RH STANDARD
FUEL TANKS - BRIGHT FINISH, W/O SPECIAL FINISH FUEL TANK

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Description

11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION
FURNISH STANDARD FUEL TANK CAP
W/O ISOLATED TANK(S)
RELOCATE FUEL TANK, W/O RELOCATED FUEL TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS

FRONT AXLE - TWIN STEER, WITH SINGLE STEER FRONT AXLE
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAEFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)
STEERING, SHEPPARD SD110

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING "R" SERIES WHEEL ENDS, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY

4S/4M SYSTEM REAR WHEEL END SENSORS
W/O WIDE TRACK AXLE OPTION
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)
W/O SHOCK INSULATORS
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL
AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING
SPRINGS, ANTI-SWAY
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
SYNTHETIC LUBRICANT - REAR AXLE, FACTORY OPTION LUBE REAR AXLE

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Description

WITHOUT TRANSVERSE TORQUE RODS
URETHANE TRUNNION BUSHING
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 210" (5345 mm) WB 123" CA (3122 mm)
PLATFORM, 185" LP (4702 mm) 62" AF (1580 mm) USED WITH 210" WB
FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
W/O RELOCATED AIR TANKS
ANTI-LOCK BRAKE SYSTEM, BENDIX WITH TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
W/O HAND CONTROL VALVE
INCREASED AIR CAPACITY, W/O INCREASED AIR RESERVOIR CAPACITY
W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
WITHOUT HOSE TENDER
W/O TRAILER AIR HOSES
W/O TRAILER ELECTRICAL CABLE
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND UNDER CAB
W/O OPTIONAL DASH MTD. LIGHT
CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING
"BODY LINK" III W/CAB PASS-THRU
REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)

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Description

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF

W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

PEDAL ROAD SPEED LIMITER (MPH) 65 mph

LGVLS FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

SOFT RSL Omit

PDLO ENGAGED VLS FEATURE Furnish

PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm

CRUISE CONTROL SETTINGS W/O ALLISON TRANS

CRUISE CONTROL MAX SET SPEED (MPH) 65 mph

CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

CRUISE CONTROL AUTORESUME W/CLUTCH Furnish

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph

SMOOTH CRUISE Omit

ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm

FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm

VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph

IDLE LOGGING DELAY (MIN) 2

Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY 0 (disable)

PERIODIC TRIP DAY OF WEEK 0 (disable)

PERIODIC TRIP DAY OF MONTH 1

DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH

DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00

DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph

CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level

FLEET MANAGEMENT VIA CO-PILOT Omit

EHT MAX ENGINE SET SPEED (RPM)

2100 rpm

EHT MIN ENGINE SET SPEED (RPM) 700 rpm

EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

EHT RAMP RATE (RPM/Sec)

EHT SINGLE SPEED CONTROL ACTIVATION Omit

EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm

EHT JUMP-TO-MIN SET SPEED Omit

EHT HOLD TO NEAREST RPM 50 rpm

EHT ACCEL-DECEL BUMP-UP RPM 50 rpm

EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm

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Description

ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish

ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit

ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish

ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish

ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish

ALLOW FAN OVERRIDE WHEN PARKED Omit

FAN ACTIVATION WITH PTO Omit

FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)

FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive

FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0

FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph

FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0

FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph

FEI DISTANCE CALCULATION INTERVAL (Miles) 00

GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS

GOVERNOR TYPE Min-Max Governor

ENGINE HIGH IDLE SPEED IF STOPPED 0000

VEHICLE ACCELERATION LIMITING FEATURE Disable

REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable

ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit

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Description

PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS
SOFT PRODUCTS/BULLDOG PROTECTION
2 YEARS COVERAGE

H-GAC Product Code: I11
Granite Series: GU812, Conv. Cab, SBFA, SRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD151, Unlimited miles on max 3% gravel/packed dirt or paved, max 15% miles on max 10% grade maintained gravel/packed dirt or paved, max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved.

45000# (20500 kgs) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION

TRANSPORTATION CYCLE, VOCATIONAL

ROAD CONDITION, MAKE A SELECTION

AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS

CHASSIS (BASE MODEL), GU802 4-WHEEL TRUCK

CHASSIS PACKAGING SOLUTIONS, CHOOSE A VALID PACKAGE SOLUTION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO-HD mDRIVE HD (11.73/0.78) - PREMIUM SHIFTER (OVERDRIVE)

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC

PASSIVE REGEN

EXHAUST, EXHAUST - SINGLE STANCHION OR SINGLE CAB MTD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V M/F GROUP 31 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES

BUG SCREEN, RADIATOR MOUNTED

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

Prospective Customer Ref#: AIYW027017A Page 2

Description

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

W/O ENGINE COLD START AID

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, W/O TETHER DEVICE

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - ENHANCED CONSTRUCTION PERFORMANCE MODE MANUAL

RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

W/O TRANSMISSION DUSTPROOFING

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, 75W - 90 (SYNTHETIC LUBRICANT)

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND CONDITIONER

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)

CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB
WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES

HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET

Prospective Customer Ref#: AIYW027017A Page 3

Description

HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 2 netted storage compartments and center CB
radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray
instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visors both
sides, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, adjustable tilt/telescoping steering
column, hand crank lh/rh windows, 2 general overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V
power sources, seat belts, lap and shoulder w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage
compartment, RH Door Peep Window
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB
PROVISIONS
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR
DRIVER & RIDER SEATS
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, W/O WINDSHIELD WASHER OPTION
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEPT BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
WITHOUT FIFTH WHEEL MOUNTING ANGLES
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 50 GALLON (190 L) STEEL ROUND
FUEL TANK - RH, OMIT RH STANDARD
FUEL TANKS - BRIGHT FINISH, W/O SPECIAL FINISH FUEL TANK
11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD

Prospective Customer Ref#: AIYW027017A Page 4

Description

PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION
FURNISH STANDARD FUEL TANK CAP
W/O ISOLATED TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAEFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)
STEERING, TAS66 TRW POWER

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE, 23000# (10433kg) MACK RA23R SINGLE DRIVE, DUAL REDUCTION AXLE WITH INDUSTRY STANDARD "R"
SERIES SPINDLE AND WHEEL END EQUIPMENT FABRICATED STEEL HOUSING
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (4) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRD151 (FOR RA23R AXLE), 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(4) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - REAR, 23000# MULTILEAF NO ANTI-SWAY
SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL
AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
WITHOUT LOCKING MAIN DIFFERENTIAL
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 159" (4038 mm) WB 93" CA (2362 mm)
PLATFORM, 156" LP (3962 mm) 62" AF (1580 mm) USED WITH 159" WB
FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

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Description

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
W/O RELOCATED AIR TANKS
ANTI-LOCK BRAKE SYSTEM, BENDIX WITH TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS
W/O HAND CONTROL VALVE
INCREASED AIR CAPACITY, W/O INCREASED AIR RESERVOIR CAPACITY
W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
WITHOUT HOSE TENDER
W/O TRAILER AIR HOSES
W/O TRAILER ELECTRICAL CABLE
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND BEHIND SCR
W/O OPTIONAL DASH MTD. LIGHT
CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING
"BODY LINK" III W/CAB PASS-THRU
REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)
PTO/SPECIALTY/ADDITIONAL EQUIPMENT
PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

Prospective Customer Ref#: AIYW027017A Page 6

Description

PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VLS FEATURE Furnish
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive

Prospective Customer Ref#: AIYW027017A Page 7

Description

FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10

IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm

Prospective Customer Ref#: AIYW027017A Page 8

Description

PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I12
Granite Series: GU813, Conv. Cab, SBFA, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD150-151, Unlimited miles on 3% grade maintained gravel/packed dirt or paved, Max 15% miles on 10% grade maintained gravel/packed dirt or paved, Max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved. 90000# (41000 kg) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION

TRANSPORTATION CYCLE, VOCATIONAL

ROAD CONDITION, MAKE A SELECTION

AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), GU803 6-WHEEL TRUCK

CHASSIS PACKAGING SOLUTIONS, CHOOSE A VALID PACKAGE SOLUTION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO-HD mDRIVE HD (11.73/0.78) - PREMIUM SHIFTER (OVERDRIVE)

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC

PASSIVE REGEN

EXHAUST, EXHAUST - SINGLE STANCHION OR SINGLE CAB MTD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK TURNED OUT

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 318 18.7 CFM

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V M/F GROUP 31 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES

BUG SCREEN, RADIATOR MOUNTED

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

Prospective Customer Ref#: AIYW027117A Page 2

Description

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

W/O ENGINE COLD START AID

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, W/O TETHER DEVICE

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - ENHANCED CONSTRUCTION PERFORMANCE MODE MANUAL

RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

W/O TRANSMISSION DUSTPROOFING

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, 75W - 90 (SYNTHETIC LUBRICANT)

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

DRIVELINE - INTERAXLE, SPICER SPL170XL EXTENDED LUBE SERIES

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND CONDITIONER

AIR RESTRICTION MONITOR (INTAKE), AIR RESTRICTION MONITOR (DISPLAYED IN CO-PILOT)
CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB
WITHOUT CAB CLEANOUT
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
W/O MISC ELECT SWITCHES OPTION
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW (IF EQUIPPED)
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE RH INTERIOR WINDSHIELD POST
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
PAINTED HOOD LATCHES

Prospective Customer Ref#: AIYW027117A Page 3

Description

HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET

HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 2 netted storage compartments and center CB
radio mounting provisions in overhead console, rear panel with storage pouch, polyurethane floor mat, 2 cup holders, slate gray
instrument panel with black gauge bezel, Sandstone door panels & trim, RH door peep window, padded interior sun visors both
sides, 2 spoke slate grey urethane cushion grip steering wheel with Bulldog horn button, adjustable tilt/telescoping steering
column, hand crank lh/rh windows, 2 general overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V
power sources, seat belts, lap and shoulder w/cab mtd shoulderbelt, 2 coat hangers, 2 trash bag hooks, RH storage
compartment, RH Door Peep Window
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB
PROVISIONS
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT ARM RESTS, W/O ARM RESTS
SEAT COVERING, ALL VINYL DRIVER & RIDER SEATS
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR
DRIVER & RIDER SEATS
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WASHER RESERVOIR, W/O WINDSHIELD WASHER OPTION
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, EXT.-SWEEP BACK-STEEL CHANNEL 122.5"/3112 mm BBC
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), STEEL SINGLE CHANNEL (1) W/AF of 70" to 129".
WITHOUT FIFTH WHEEL MOUNTING ANGLES
FRONT FRAME EXTENSION, 6" BOLT ON FRAME EXTENSION
TOWING DEVICE - FRONT, HOOKS
FUEL TANK - LH, 50 GALLON (190 L) STEEL ROUND
FUEL TANK - RH, OMIT RH STANDARD
FUEL TANKS - BRIGHT FINISH, W/O SPECIAL FINISH FUEL TANK

Prospective Customer Ref#: AIYW027117A Page 4

Description

11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION
FURNISH STANDARD FUEL TANK CAP
W/O ISOLATED TANK(S)
RELOCATE FUEL TANK, W/O RELOCATED FUEL TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12 STRAIGHT SPINDLE/UNITIZED BEARINGS

FRONT AXLE - TWIN STEER, WITH SINGLE STEER FRONT AXLE

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED

WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS

BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

DUST SHIELDS - FRONT BRAKE, OMIT

HUBS - FRONT, FERROUS

FAG SCHAFFLER, FRONT GREASE SEAL

SHOCK ABSORBERS, FRONT

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)

STEERING, TAS66 TRW POWER

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING "R" SERIES WHEEL

ENDS, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY

4S/4M SYSTEM REAR WHEEL END SENSORS

W/O WIDE TRACK AXLE OPTION

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)

W/O SHOCK INSULATORS

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL

AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING

SPRINGS, ANTI-SWAY

SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

SYNTHETIC LUBRICANT - REAR AXLE, FACTORY OPTION LUBE REAR AXLE

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Description

WITHOUT TRANSVERSE TORQUE RODS

URETHANE TRUNNION BUSHING

W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 192" (4885 mm) WB 127" CA (3222 mm)

PLATFORM, 201" LP (5102 mm) 74" AF (1880 mm) USED WITH 192" WB

FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail

FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER

W/O RELOCATED AIR TANKS

ANTI-LOCK BRAKE SYSTEM, BENDIX WITH TRACTION CONTROL

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE

BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM

DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS

W/O HAND CONTROL VALVE

INCREASED AIR CAPACITY, W/O INCREASED AIR RESERVOIR CAPACITY

W/O TRAILER ACCESS PACKAGE

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS

WITHOUT HOSE TENDER

W/O TRAILER AIR HOSES

W/O TRAILER ELECTRICAL CABLE

TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE

OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BACK-UP ALARM, W/O BACK-UP ALARM

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, RIGHT HAND BEHIND SCR

W/O OPTIONAL DASH MTD. LIGHT

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING

"BODY LINK" III W/CAB PASS-THRU

REAR LIGHTING, FURNISH REAR LIGHTING

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)

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Description

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VLS FEATURE Furnish
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm

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ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (COJ 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00
GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable

REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit

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PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS
SOFT PRODUCTS/BULLDOG PROTECTION
2 YEARS COVERAGE

H-GAC Product Code: I13
Granite Series: TD713, Conv. Cab, SFFA, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH 202-203, Unlimited miles on max 3% grade roads (max 15% miles on max 10% grade, on maintained gravel/packed dirt or paved roads, or max 10% on max 5% grade, on unmaintained and maintained road surfaces).

110000# (49895 kg) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION

TRANSPORTATION CYCLE, MAKE A SELECTION

ROAD CONDITION, MAKE A SELECTION

AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS

CHASSIS (BASE MODEL), TD703 6-WHEEL TRUCK

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP10-525C 525 HP @1500-1700 RPM (PEAK) 1860 LB FT. MAX TORQUE @ 1200-1400 RPM

TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO-HDX mDRIVE HD (11.73/0.78) - PREMIUM SHIFTER (OVERDRIVE)

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC PASSIVE REGEN

EXHAUST, DPF, OUTBOARD, DUAL VERTICAL STRAIGHT EXHAUST STACK TURNED OUT END

DUAL, BRIGHT FINISH HEAT SHIELDS, STACKS, ELBOWS AND SCR COVER

FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 636 (37.4 CFM)

AIR INTAKE SOURCE, HOOD EXTERNAL BOX, DUAL

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V M/F GROUP 31 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES

BUG SCREEN, RADIATOR MOUNTED

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK ENGINE BRAKE POWER LEASH FOR MP10

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE

FUEL-WATER SEPARATOR, DAVCO 382 (W/O FLUID HEAT) 12V PREHEAT W/VENDOR PRIM & MACK SEC FUEL FILTER

Prospective Customer Ref#: AIYW027717A Page 2

Description

RELOCATE FUEL/WATER SEPARATOR INSIDE LEFT HAND FRAME RAIL WHERE POSSIBLE

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

OIL PAN HEATER, W/O OIL PAN HEATER

ELECTRIC PREHEATER

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, W/O TETHER DEVICE

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - ENHANCED CONSTRUCTION PERFORMANCE MODE MANUAL

RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, 75W - 90 (SYNTHETIC LUBRICANT)

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

DRIVELINE - INTERAXLE, SPICER SPL170XL EXTENDED LUBE SERIES

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND CONDITIONER

CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB

WITHOUT CAB CLEANOUT

CAB MOUNTING, REAR AIR SUSPENSION W/LATERAL STABILIZER
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
VISIBILITY DOOR
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE LH INTERIOR WINDSHIELD POST, BLACK
FINISH GRAB HANDLE MOUNTED DIAGONALLY ON INSIDE LH DOOR, BLACK FINISH GRAB HANDLE MOUNTED
VERTICALLY INSIDE LOWER RH A-POST
GRILLE, BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND HOOD MOUNTED
CAB (H thru R)
HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
HOOD LATCHES, BRIGHT FINISH
HORN - AIR, (2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)
HORN - ELECTRIC, SINGLE TONE

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Description

IDENTIFICATION/CLEARANCE LIGHTS, (SET OF 5) BULLET TYPE CHROME MARKER AND CLEARANCE
IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON
STALK CONTROL W/O DIAG DISPLAY
INSTRUMENT PANEL, WOODGRAIN FINISH
INTERIOR TRIM (TITAN PEDIGREE - SANDSTONE) Vinyl headliner, cloth/vinyl seat trim, 3 overhead storage compartments
w/nets, rear panel with storage pouch, signature polyurethane floor mat, brushed nickel instrument panel with chrome gauge
bezels, diamond pattern fabric on doors, padded interior sun visors both sides, 2 spoke urethane grip brushed nickel spokes,
brushed nickel Mack horn cap, adjustable tilt/telescoping steering column, 2 general overhead lights, 1 driver overhead light & 1
map non-glare overhead light, 2 12V power sources, 2 cup holders, 2 trash bag hooks, 2 coat hangers, rh storage compartment,
seat belt retractors, rh door peep window, lighted door mounted map pocket lights.
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB
PROVISIONS
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT ARM RESTS, INBOARD MOUNTED ARM REST, DRIVER'S SEAT ONLY
SEAT COVERING, CLOTH W/VINYL TRIM DRIVER AND RIDER
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR
DRIVER & RIDER SEATS
W/O ROOF VENT VENTILATION
STEERING WHEEL, TWO SPOKE URETHANE GRIP BRUSHED NICKEL SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDOW CONTROLS, POWER WINDOW LIFT WITH ELECTRIC DOOR LOCK, LH & RH
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, BUMPER, STEEL BRIGHT FINISH FLUSH, 128.0"/3251 mm BBC STYLIZED W/100mm FOG LAMPS,
W/CLEVIS ACCESS
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE
WITHOUT FIFTH WHEEL MOUNTING ANGLES
FRONT FRAME EXTENSION, W/O FRONT FRAME EXTENSION
TOWING DEVICE - FRONT, (2) CLEVIS
FUEL TANK - LH, 66 GALLON (250 L) ALUMINUM 22" ROUND
FUEL TANK - RH, OMIT RH STANDARD
FUEL TANKS - BRIGHT FINISH, SINGLE POLISHED ALUMINUM
BRIGHT FINISH ALUMINUM STEPS & STAINLESS STEEL BRIGHT FINISHED STRAPS
18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD

Prospective Customer Ref#: AIYW027717A Page 4

Description

W/O FUEL LINE OPTION
FURNISH STANDARD FUEL TANK CAP
W/O ISOLATED TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 14600# (6600kg) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 12R22.5 16 H M843 (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAEFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
WITHOUT STEERING STABILIZER
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 14600# (6623kg) GROUND LOAD RATING
STEERING, TAS66 TRW POWER

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING "R" SERIES WHEEL ENDS, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY

4S/4M SYSTEM REAR WHEEL END SENSORS

TIRES BRAND/TYPEREAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

CARRIER/RATIO - REAR AXLE, MACK MALLEABLE CRDP202/CRD203, 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)

W/O SHOCK INSULATORS

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SUSPENSION - HEIGHT CONTROL KIT, W/O AIR SUSPENSION HEIGHT CONTROL

AIR SUSPENSION DUMP WARNING, WITHOUT AIR SUSPENSION DUMP WARNING

SPRINGS, ANTI-SWAY

SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

WITHOUT TRANSVERSE TORQUE RODS

URETHANE TRUNNION BUSHING

W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

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Description

WHEELBASE, 209" (5300 mm) WB 123" CA (3119 mm)

PLATFORM, 185" LP (4699 mm) 62" AF (1580 mm) USED WITH 209" WB

FRAME RAILS, 11.811" x 3.54" x .32" (300 x 90 x 8mm) STEEL Section Modulus: 17.7 cu in/RBM 2,120,000 in lbs per rail

FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER

AIR RESERVOIRS, STEEL

ANTI-LOCK BRAKE SYSTEM, BENDIX WITH TRACTION CONTROL

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE

BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM

DRAIN VALVES, MANUAL DRAIN VALVES, WITH LANYARDS ON ALL TANKS

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS

WITHOUT HOSE TENDER

TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE

OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BATTERY BOX COVERS, POLISHED ALUMINUM

BATTERY BOX - MOUNTING, BATTERY BOX LEFT HAND RAIL (1)

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING

"BODY LINK" III W/CAB PASS-THRU

FOG-HALOGEN (100MM ROUND) LAMPS

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT

WITHOUT OPTIONAL SPOKE WHEEL PAINT

WITHOUT SPECIAL PRE-FINISHED OPTION

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

W/O PAINT FOR FUEL TANK (7HB-Z1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLs FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VLS FEATURE Furnish

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Description

PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH
DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
EHT MAX ENGINE SET SPEED (RPM)
2000 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (COJ 0002)
FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive
FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0
FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph
FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0
FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph
FEI DISTANCE CALCULATION INTERVAL (Miles) 00

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Description

GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000
1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100

IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit

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Description

PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS
SOFT PRODUCTS/BULLDOG PROTECTION
2 YEARS COVERAGE

H-GAC Product Code: I14

Granite Series: TD714, Conv. Cab, SFFA, Tri Drive Rear Axle

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
LANGUAGE, ENGLISH
IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08
TYPE OF SERVICE, COMMERCIAL
VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS
CARRIER APPLICATION, VENDOR CARRIER
VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
BRAKE - STOPPING DISTANCE, BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL
PRODUCT CLASS, PRODUCT CLASS 28

OPERATING CONDITIONS

TOPOGRAPHY, MAKE A SELECTION
TRANSPORTATION CYCLE, MAKE A SELECTION
ROAD CONDITION, MAKE A SELECTION
AMBIENT TEMPERATURE UPPER LIMIT, MAKE A SELECTION

BVS

CHASSIS (BASE MODEL), TD704 8-WHEEL TRUCK

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP10-525C 525 HP @1500-1700 RPM (PEAK) 1860 LB FT. MAX TORQUE @ 1200-1400 RPM
TRANSMISSION, 12 SPEED AUTOMATED MANUAL, MACK TMD12AO-HDX mDRIVE HD (11.73/0.78) - PREMIUM SHIFTER
(OVERDRIVE)

CLUTCH, SELF ADJUSTING, CLS43B-O MERITOR/SACHS, SINGLE PLATE 17", ORGANIC MAT'L

EXHAUST/EMISSIONS

DPF, CLEARTECH HHS DPF RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC
PASSIVE REGEN
EXHAUST, DPF, OUTBOARD, DUAL VERTICAL STRAIGHT EXHAUST STACK TURNED OUT END
DUAL, BRIGHT FINISH HEAT SHIELDS, STACKS, ELBOWS AND SCR COVER
FURNISH STEEL PAINTED HEAT SHIELD FOR FRAME MTD MACK CAP DPF

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 636 (37.4 CFM)
AIR INTAKE SOURCE, HOOD EXTERNAL BOX, DUAL
ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE
BATTERIES, (3) MACK 12V M/F GROUP 31 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES
BUG SCREEN, RADIATOR MOUNTED
TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK ENGINE BRAKE POWER LEASH FOR MP10

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE

FUEL-WATER SEPARATOR, DAVCO 382 (W/O FLUID HEAT) 12V PREHEAT W/VENDOR PRIM & MACK SEC FUEL FILTER

RELOCATE FUEL/WATER SEPARATOR INSIDE LEFT HAND FRAME RAIL WHERE POSSIBLE

HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

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Description

OIL PAN HEATER, W/O OIL PAN HEATER

ELECTRIC PREHEATER

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, W/O TETHER DEVICE

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), Information is not required

CLUTCH PEDAL, W/O CLUTCH PEDAL

mDRIVE - GRADE GRIPPER, GRADE GRIPPER

mDRIVE - MACKCELLERATOR, MACKCELLERATOR ENABLE

mDRIVE - PARKER PUMP, W/O PARKER PUMP

TRANSMISSION SHIFT SETTINGS, MACK MDRIVE - ENHANCED CONSTRUCTION PERFORMANCE MODE MANUAL

RETURN TO ECONOMY

TRANSMISSION PTO1 SPLITTER RANGE, PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION PTO2 SPLITTER RANGE, PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED

TRANSMISSION BELL HOUSING, ALUMINUM

MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER

SYNTHETIC LUBRICANT - TRANSMISSION, 75W - 90 (SYNTHETIC LUBRICANT)

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, SPICER SPL250XL "EXTENDED LUBE SERIES"

DRIVELINE - INTERAXLE, SPICER SPL170XL EXTENDED LUBE SERIES

HALF-ROUND UNIVERSAL JOINT

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND CONDITIONER

CAB CONFIGURATIONS, LH-DRIVE CA68 CONV CAB

WITHOUT CAB CLEANOUT

CAB MOUNTING, REAR AIR SUSPENSION W/LATERAL STABILIZER

CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
VISIBILITY DOOR
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, TRANSMISSION OIL TEMPERATURE AND AIR SUSPENSION
GAUGES, ENGLISH/METRIC DISPLAY
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
GEAR SHIFT, mDRIVE - PREMIUM
GLASS - CAB WINDOW, TINTED WINDSHIELD, SIDE AND REAR WINDOWS
BRIGHT FINISH EXTERIOR CAB GRAB HANDLES, BLACK FINISH GRAB HANDLE LH INTERIOR WINDSHIELD POST, BLACK FINISH GRAB HANDLE MOUNTED DIAGONALLY ON INSIDE LH DOOR, BLACK FINISH GRAB HANDLE MOUNTED VERTICALLY INSIDE LOWER RH A-POST
GRILLE, BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND HOOD MOUNTED
CAB (H thru R)
HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
HOOD LATCHES, BRIGHT FINISH
HORN - AIR, (2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (SET OF 5) BULLET TYPE CHROME MARKER AND CLEARANCE

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Description

IN-DASH STORAGE, W/O UPPER STORAGE OPTION
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY W/4-BUTTON STALK CONTROL W/O DIAG DISPLAY
INSTRUMENT PANEL, WOODGRAIN FINISH
INTERIOR TRIM (TITAN PEDIGREE - SANDSTONE) Vinyl headliner, cloth/vinyl seat trim, 3 overhead storage compartments w/nets, rear panel with storage pouch, signature polyurethane floor mat, brushed nickel instrument panel with chrome gauge bezels, diamond pattern fabric on doors, padded interior sun visors both sides, 2 spoke urethane grip brushed nickel spokes, **brushed nickel Mack horn cap, adjustable tilt/telescoping steering column, 2 general overhead lights, 1 driver overhead light & 1 map non-glare overhead light, 2 12V power sources, 2 cup holders, 2 trash bag hooks, 2 coat hangers, rh storage compartment, seat belt retractors, rh door peep window, lighted door mounted map pocket lights.**
CHASSIS KEYED AT RANDOM - 2 KEYS
MIRRORS - CONVEX TYPE, BRIGHT FINISH, LH & RH, 8" DIA. CONVEX
OVERHEAD CONSOLE, (2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT - RIDER, MACK FIXED (MID-BACK) NON-SUSPENSION
SEAT ARM RESTS, INBOARD MOUNTED ARM REST, DRIVER'S SEAT ONLY
SEAT COVERING, CLOTH W/VINYL TRIM DRIVER AND RIDER
SEAT BELTS/RETRACTORS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT W/ADJUSTABLE D-RING FOR DRIVER & RIDER SEATS
W/O ROOF VENT VENTILATION
STEERING WHEEL, TWO SPOKE URETHANE GRIP BRUSHED NICKEL SPOKES
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDOW CONTROLS, POWER WINDOW LIFT WITH ELECTRIC DOOR LOCK, LH & RH
WINDSHIELD, 2-PIECE WINDSHIELD
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE
FRAME EQUIPMENT/FUEL TANKS
BUMPER - FRONT, BUMPER, STEEL BRIGHT FINISH FLUSH, 128.0"/3251 mm BBC STYLIZED W/100mm FOG LAMPS, W/CLEVIS ACCESS
CROSSMEMBERS, BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
CROSSMEMBER (BEHIND REAR AXLE), 108" BOGIE SPACING, STEEL SINGLE CHANNEL (1) W/108" AXLE SPACING W/AF of 98" to 156".
WITHOUT FIFTH WHEEL MOUNTING ANGLES
FRONT FRAME EXTENSION, W/O FRONT FRAME EXTENSION
TOWING DEVICE - FRONT, (2) CLEVIS
FUEL TANK - LH, 66 GALLON (250 L) ALUMINUM 22" ROUND
FUEL TANK - RH, OMIT RH STANDARD
FUEL TANKS - BRIGHT FINISH, SINGLE POLISHED ALUMINUM
BRIGHT FINISH ALUMINUM STEPS & STAINLESS STEEL BRIGHT FINISHED STRAPS
18.4 GALLON (70 L) 26" DIAMETER TANK LEFT SIDE FRAME MTD

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Description

W/O FUEL LINE OPTION
FURNISH STANDARD FUEL TANK CAP
W/O ISOLATED TANK(S)
FRONT AXLE/EQUIPMENT/TIRES
FRONT AXLE, 14600# (6600kg) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 12R22.5 16 H M843 (ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x8.25 ALCOA LVL ONE 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-05D, 16.5" x 5" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
FAG SCHAEFFLER, FRONT GREASE SEAL
SHOCK ABSORBERS, FRONT
WITHOUT STEERING STABILIZER
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 14600# (6623kg) GROUND LOAD RATING
STEERING, TAS66 TRW POWER

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 55000# (24948kg) MERITOR RZ55-166, HENDRICKSON PAX690 69000# HIGH STABILITY
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (12) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, MALLEABLE HOUSING, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(12) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)
SHOCK ABSORBERS - ALL AXLES
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
SUSPENSION - AXLE SPACING, 108" AXLE SPACING (BOGIE WHEELBASE)
SUSPENSION - HEIGHT CONTROL KIT, AIR SUSPENSION HEIGHT CONTROL KIT (W/DUMP VALVE AND CONTROL)
AIR SUSPENSION DUMP WARNING, AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
SPRING BRAKE CHAMBERS - QUANTITY, (6) AUX SPRING BRAKE
SPRING BRAKE CHAMBERS - VENDOR, MGM TR 30/30 LP3 (3" STROKE) BRAKE CHAMBERS
TRANSVERSE TORQUE ROD - ALL AXLES
DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK ALL REAR AXLES, MANUAL AIR VALVE W/WARNING LIGHT.
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
STANDARD WHEEL STUD OPTION

FRAME/WHEELBASE/PLATFORM

WHEELBASE, 281" (7130 mm) WB 193" CA (4907 mm)
PLATFORM, 295" LP (7493 mm) 102" AF (2580 mm) USED WITH 281" WB

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Description

FRAME RAILS, 11.811" x 3.54" x .37" (300 x 90 x 9.5mm) STEEL Section Modulus: 29.8 cu in/RBM 3,580,000 in lbs per rail For
Partial IC reinforcement
FRAME REINFORCEMENT - INSIDE, 5MM STEEL CHANNEL USED W/273"-312" LP

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
AIR RESERVOIRS, STEEL
ANTI-LOCK BRAKE SYSTEM, BENDIX WITH TRACTION CONTROL
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
DRAIN VALVES, MANUAL DRAIN VALVES, WITH LANYARDS ON ALL TANKS

TRAILER CONNECTIONS

TRAILER AIR CONNECTIONS, OMIT TRAILER AIR BRAKE CONNECTIONS
WITHOUT HOSE TENDER
TRAILER ELECTRICAL RECEPTACLE, WITHOUT TRAILER ELECTRICAL RECEPTACLE
OMIT TRAILER CONNECTORS HOLDER

ELECTRICAL

BATTERY BOX COVERS, POLISHED ALUMINUM
BATTERY BOX - MOUNTING, BATTERY BOX LEFT HAND RAIL (1)
CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING
"BODY LINK" III W/CAB PASS-THRU
FOG-HALOGEN (100MM ROUND) LAMPS

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

W/O PAINT FOR BUMPER (5ZB-Z1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
W/O PAINT FOR FUEL TANK (7HB-Z1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF

W/O SPECIAL DECALS

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

PEDAL ROAD SPEED LIMITER (MPH) 65 mph

LGVLS FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

SOFT RSL Omit

PDLO ENGAGED VLS FEATURE Furnish

PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm

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Description

CRUISE CONTROL SETTINGS W/O ALLISON TRANS

CRUISE CONTROL MAX SET SPEED (MPH) 65 mph

CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

CRUISE CONTROL AUTORESUME W/CLUTCH Furnish

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph

SMOOTH CRUISE Omit

ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm

FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm

VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph

IDLE LOGGING DELAY (MIN) 2

Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY 0 (disable)

PERIODIC TRIP DAY OF WEEK 0 (disable)

PERIODIC TRIP DAY OF MONTH 1

DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH

DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00

DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph

CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level

FLEET MANAGEMENT VIA CO-PILOT Omit

EHT MAX ENGINE SET SPEED (RPM)

2000 rpm

EHT MIN ENGINE SET SPEED (RPM) 700 rpm

EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

EHT RAMP RATE (RPM/Sec)

EHT SINGLE SPEED CONTROL ACTIVATION Omit

EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm

EHT JUMP-TO-MIN SET SPEED Omit

EHT HOLD TO NEAREST RPM 50 rpm

EHT ACCEL-DECEL BUMP-UP RPM 50 rpm

EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm

ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish

ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit

ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish

ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish

ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish

ALLOW FAN OVERRIDE WHEN PARKED Omit

FAN ACTIVATION WITH PTO Omit

FUEL ECONOMY INCENTIVE FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J 0002)

FEI PENALTY TARGET FUEL ECONOMY No Driver Incentive

FEI PENALTY TARGET FUEL ECONOMY (MPG) 0.0

FEI PENALTY VEHICLE SPEED DECREASE (MPH) 0 mph

FEI REWARD TARGET FUEL ECONOMY (MPG) 0.0

FEI REWARD VEHICLE SPEED INCREASE (MPH) 0 mph

FEI DISTANCE CALCULATION INTERVAL (Miles) 00

GOVERNOR SETTINGS FOR USE WITH AUTOMATIC TRANSMISSIONS

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Description

GOVERNOR TYPE Min-Max Governor

ENGINE HIGH IDLE SPEED IF STOPPED 0000

VEHICLE ACCELERATION LIMITING FEATURE Disable

REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable

ENGINE RPM LIMIT IN UPPER GEARS 0000

1st TRANS RATIO FOR REDUCED HIGH IDLE 0000

LAST TRANS RATIO FOR FULL HIGH IDLE 0000

ENGINE LOW IDLE SET SPEED (RPM) 650 rpm

DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

SMART IDLE FEATURE ACTIVATION Omit

SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10

IDLE S/D ABS TAMPER CHECK Omit

IDLE COOLDOWN FEATURE ACTIVATION Omit

IDLE SHUTDOWN FEATURE ACTIVATION Omit

IDLE SHUTDOWN TIME (MINS) 10

IDLE SHUTDOWN WARNING TIME (SECS) 30

IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100

IDLE SHUTDOWN WARM-UP TIMER (MINS) 5

IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit

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Description

PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I15
TerraPro Series: MRU612, COE, SRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD151, Unlimited miles on max 3% gravel/packed dirt or paved, max 15% miles on max 10% grade maintained gravel/packed dirt or paved, max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved.

45000# (20500 kgs) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 29

BVS/WHEELBASE/PLATFORM

CHASSIS (BASE MODEL), MRU602 4-WHEEL TRUCK

FRAME RAILS, 13.25" x 3.25" x .3125" (337 x 83 x 8mm) STEEL Section Modulus 19.79 cu in/RBM 2,374,800 in lbs per rail.

WHEELBASE, 169" (4293 mm) WB 166" CA (4216 mm)

PLATFORM, 249" LP (6325 mm) 83" AF (2108 mm) USED WITH 169" WB

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM

TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), MACK T310 (13.81/0.73)

CLUTCH, MANUAL ADJUSTING, CL39DC13 EATON ADVANTAGE EZ-PEDAL, 9-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH, 6 PADDLES, MANUAL ADJ

EXHAUST/EMISSIONS

DPF, CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC

PASSIVE REGEN

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK PLAIN END, SIDE OUTLET DIFFUSER

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 636 (37.4 CFM)

PRE-CLEANER (DRY TYPE CLEANER)

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE

FLYWHEEL HOUSING, ALUMINUM

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

STARTER, 12 VOLT DELCO MTHD 39

CLUTCH/TRANS EQUIPMENT/DRIVELINES

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Description

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD

TRANSMISSION BELL HOUSING, ALUMINUM

W/O DRIVESHAFT GUARD

DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

AIR CONDITIONING, MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT

CAB CONFIGURATIONS, CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST

PREVENTATIVE PROCEDURES

CAB LIFT/TILT, LOCATED IN STD LOCATION

CERTIFIED WEIGHT

PARK BRAKE ACTIVATED

GAUGES, ENGLISH DISPLAY

GAUGE, TACHOMETER

TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT

GLASS - CAB WINDOW, TINTED WINDSHIELD SIDE AND REAR WINDOWS

GRILLE, STANDARD FINISH

CAB (H thru R)

W/O HEATER

HORN - AIR, (1) TWIN TRUMPET (MOUNTED UNDER CAB)

CHASSIS KEYED AT RANDOM - 2 KEYS

FORWARD OVERHEAD STORAGE, (2) RADIO SHELF, DRIVER SIDE

AM/FM STEREO, CD-PLAYER, MP3, WEATHERBAND

RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE

CAB (S thru Z)

SEAT - DRIVER, SEARS SEATING C-2 W/FABRIFORM CUSHIONS (MID BACK) AIR SUSPENSION

SEAT - RIDER, SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) NON-SUSPENSION

SEAT COVERING, FABRIFORM CLOTH, BLACK, DRIVER AND RIDER SEATS
SEAT BELTS, LAP AND SHOULDER W/LOCKING SEAT BELT RETRACTORS & "KOMFORT LATCH" FOR DRIVER AND RIDER SEATS

STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS
WINDSHIELD PROTECTOR, FURNISH WINDSHIELD PROTECTOR
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

COMMUNICATIONS SYSTEMS

GUARDDOG CONNECT W/3G AND WLAN SYSTEM, W/DIAGNOSTIC SERVICES INCLUDED

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, SWEEP BACK STEEL CHANNEL TYPE EXTENDED 63"/1600 mm BBC W/CENTER TOW PIN (92.62" x 11.25")

CROSSMEMBERS, STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL,
CROSSMEMBER (BEHIND REAR AXLE), W/O CROSSMEMBER BEHIND REAR AXLE

W/O FRONT FRAME EXTENSION

TOWING DEVICE - FRONT, TOW PIN

TOWING DEVICE - REAR, W/O REAR TOWING DEVICE

FUEL TANK - RH, 70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR

6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD

FUEL DRAW/RETURN SYSTEM, ALL HOSE

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Description

FOR RH FUEL TANK, INCLUDES SUMP

RELOCATE FUEL TANK, LOCATE RH TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLES, 20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 315/80R22.5 20 L M860A (ALL POS)

WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x9.0 ALCOA LVL ONE, 10-HOLE HUB PILOTED (11 1/4"/286mm BC) 5.96" INSET, #89465X

WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS

BRAKES - FRONT, BENDIX ES165-06D, 16.5" x 6" CAST SPIDER

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

DUST SHIELDS - FRONT BRAKE, OMIT

HUBS - FRONT, FERROUS

SHOCK ABSORBERS, FRONT

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING

STEERING, XD120 SHEPPARD STEERING GEAR (RATIO 23:1)

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE, 23000# (10433kg) MACK RA23R SINGLE DRIVE, DUAL REDUCTION AXLE WITH INDUSTRY STANDARD "R"

SERIES SPINDLE AND WHEEL END EQUIPMENT FABRICATED STEEL HOUSING

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (4) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

CARRIER/RATIO - REAR AXLE, CRD151 (FOR RA23R AXLE), 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(4) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DIAPHRAGMS, W/O BRAKE DIAPHRAGM OPTION

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SUSPENSION - REAR, 23000# MULTILEAF SPRINGS

W/O ANTI-SPRINGS

W/O HELPER SPRINGS

SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

WITHOUT LOCKING MAIN DIFFERENTIAL

STANDARD WHEEL STUD OPTION

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1800 W/COALESCING OIL FILTER

ANTI-LOCK BRAKE SYSTEM, BENDIX ABS

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE

DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS

ELECTRICAL

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, SINGLE BOX 3 BATTERY MAX. PERP TO FRAME 11" FROM NTOF

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Description

COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT

ELECTRIC CIRCUIT PROTECTION PACKAGE, 12 VOLT W/CIRCUIT BREAKERS (HEADLAMP CIRCUIT: SAE TYPE I; ALL

OTHER CIRCUITS SAE TYPE II) NEGATIVE GROUND SYSTEM

CONTROL LINK II REFUSE BODYBUILDER ELECTRICAL CONNECTION SYSTEM

CONSOLE INCLUDED WITH CONTROL LINK II

HEADLIGHTS, (2) SINGLE ROUND HALOGEN LAMPS

REAR LIGHTING, FURNISH STANDARD TAIL-LIGHTS

W/O PWR TERMINAL-STROBE LIGHT OPTION

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CAB INTERIOR, SAME COLOR AS CAB EXTERIOR COLOR

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR

PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR

PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT

WITHOUT OPTIONAL SPOKE WHEEL PAINT

WITHOUT SPECIAL PRE-FINISHED OPTION

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF

HYDRAULIC PUMP, WITHOUT HYDRAULIC PUMP

W/O TORQUE CONVERTER OPTION

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

PEDAL ROAD SPEED LIMITER (MPH) 65 mph

LGVLS FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

SOFT RSL Omit

PDLO ENGAGED VLS FEATURE Furnish

PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm

CRUISE CONTROL SETTINGS W/O ALLISON TRANS

CRUISE CONTROL MAX SET SPEED (MPH) 65 mph

CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

CRUISE CONTROL AUTORESUME W/CLUTCH Furnish

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph

SMOOTH CRUISE Omit

ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm

FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm

VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

Prospective Customer Ref#: AIYW027417A Page 5

Description

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph

IDLE LOGGING DELAY (MIN) 2

Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY 0 (disable)

PERIODIC TRIP DAY OF WEEK 0 (disable)

PERIODIC TRIP DAY OF MONTH 1

EHT MAX ENGINE SET SPEED (RPM)

2100 rpm

EHT MIN ENGINE SET SPEED (RPM) 700 rpm

EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

EHT RAMP RATE (RPM/Sec)

EHT SINGLE SPEED CONTROL ACTIVATION Omit

EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm

EHT JUMP-TO-MIN SET SPEED Omit

EHT HOLD TO NEAREST RPM 50 rpm

EHT ACCEL-DECEL BUMP-UP RPM 50 rpm

EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm

ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish

ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit

ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish

ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish

ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish

ALLOW FAN OVERRIDE WHEN PARKED Omit

FAN ACTIVATION WITH PTO Omit

GOVERNOR SETTINGS FOR USE WITH MANUAL TRANSMISSIONS

GOVERNOR TYPE Min-Max Governor

ENGINE HIGH IDLE SPEED IF STOPPED 0000

VEHICLE ACCELERATION LIMITING FEATURE Disable

REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable

ENGINE RPM LIMIT IN UPPER GEARS 0000

1st TRANS RATIO FOR REDUCED HIGH IDLE 0000

LAST TRANS RATIO FOR FULL HIGH IDLE 0000

ENGINE LOW IDLE SET SPEED (RPM) 650 rpm

DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

SMART IDLE FEATURE ACTIVATION Omit

SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10

IDLE S/D ABS TAMPER CHECK Omit

IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish

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Description

IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I16
TerraPro Series: MRU613, COE, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD150-151, Unlimited miles on 3% grade maintained gravel/packed dirt or paved, Max 15% miles on 10% grade maintained gravel/packed dirt or paved, Max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved. 90000# (41000 kg) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 29

BVS/WHEELBASE/PLATFORM

CHASSIS (BASE MODEL), MRU603 6-WHEEL TRUCK

FRAME RAILS, 13.25" x 3.25" x .3125" (337 x 83 x 8mm) STEEL Combined rating w/inside channel reinforcement Section

Modulus 26.06 cu in/RBM 3,127,200 in lbs per rail.

WHEELBASE, 173" (4394 mm) WB 170" CA (4318 mm)

PLATFORM, 273" LP (6934 mm) 103" AF (2616 mm) USED WITH 173" WB

FRAME REINFORCEMENT - INSIDE, 1/4" STEEL CHANNEL

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM

TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), MACK T310 (13.81/0.73)

CLUTCH, MANUAL ADJUSTING, CL39DC13 EATON ADVANTAGE EZ-PEDAL, 9-SPRING, 2-PLATE, 15.5" CERAMIC CLUTCH, 6 PADDLES, MANUAL ADJ

EXHAUST/EMISSIONS

DPF, CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC

PASSIVE REGEN

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK PLAIN END, SIDE OUTLET DIFFUSER

ENGINE EQUIPMENT

AIR COMPRESSOR, MERITOR/WABCO 636 (37.4 CFM)

PRE-CLEANER (DRY TYPE CLEANER)

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE

FLYWHEEL HOUSING, ALUMINUM

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

OIL PAN, OIL PAN

OIL PAN HEATER, W/O OIL PAN HEATER

Prospective Customer Ref#: AIYW027517A Page 2

Description

STARTER, 12 VOLT DELCO MTHD 39

CLUTCH/TRANS EQUIPMENT/DRIVELINES

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD

TRANSMISSION BELL HOUSING, ALUMINUM

W/O DRIVESHAFT GUARD

DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"

DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

AIR CONDITIONING, MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITONER UNIT) W/R134a REFRIGERANT

CAB CONFIGURATIONS, CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST

PREVENTATIVE PROCEDURES

CAB LIFT/TILT, LOCATED IN STD LOCATION

CERTIFIED WEIGHT

PARK BRAKE ACTIVATED

GAUGES, ENGLISH DISPLAY

GAUGE, TACHOMETER

TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT

GLASS - CAB WINDOW, TINTED WINDSHIELD SIDE AND REAR WINDOWS

GRILLE, STANDARD FINISH

CAB (H thru R)

W/O HEATER

HORN - AIR, (1) TWIN TRUMPET (MOUNTED UNDER CAB)

CHASSIS KEYED AT RANDOM - 2 KEYS

FORWARD OVERHEAD STORAGE, (2) RADIO SHELF, DRIVER SIDE

AM/FM STEREO, CD-PLAYER, MP3, WEATHERBAND

RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE

CAB (S thru Z)

SEAT - DRIVER, SEARS SEATING C-2 W/FABRIFORM CUSHIONS (MID BACK) AIR SUSPENSION

SEAT - RIDER, SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) NON-SUSPENSION

SEAT COVERING, FABRIFORM CLOTH, BLACK, DRIVER AND RIDER SEATS

SEAT BELTS, LAP AND SHOULDER W/LOCKING SEAT BELT RETRACTORS & "KOMFORT LATCH" FOR DRIVER AND RIDER SEATS

STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES

TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS

WINDSHIELD PROTECTOR, FURNISH WINDSHIELD PROTECTOR

WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

COMMUNICATIONS SYSTEMS

GUARDDOG CONNECT W/3G AND WLAN SYSTEM, W/DIAGNOSTIC SERVICES INCLUDED

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, SWEEP BACK STEEL CHANNEL TYPE EXTENDED 63"/1600 mm BBC W/CENTER TOW PIN (92.62" x 11.25")

CROSSMEMBERS, STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL,

CROSSMEMBER (BEHIND REAR AXLE), WEB CHANNEL TYPE

W/O FRONT FRAME EXTENSION

TOWING DEVICE - FRONT, TOW PIN

TOWING DEVICE - REAR, W/O REAR TOWING DEVICE

Prospective Customer Ref#: AIYW027517A Page 3

Description

FUEL TANK - RH, 70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR

6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD

FUEL DRAW/RETURN SYSTEM, ALL HOSE

FOR RH FUEL TANK, INCLUDES SUMP

RELOCATE FUEL TANK, LOCATE RH TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLES, 20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 315/80R22.5 20 L M860A (ALL POS)

WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x9.0 ALCOA LVL ONE, 10-HOLE HUB PILOTTED (11 1/4"/286mm BC) 5.96" INSET, #89465X

WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS

BRAKES - FRONT, BENDIX ES165-06D, 16.5" x 6" CAST SPIDER

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

DUST SHIELDS - FRONT BRAKE, OMIT

HUBS - FRONT, FERROUS

SHOCK ABSORBERS, FRONT

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING

STEERING, XD120 SHEPPARD STEERING GEAR (RATIO 23:1)

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING "R" SERIES WHEEL

ENDS, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY

4S/4M SYSTEM REAR WHEEL END SENSORS

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DIAPHRAGMS, W/O BRAKE DIAPHRAGM OPTION

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)

RAISED REAR BRAKE CHAMBERS (REAR REAR AXLE ONLY)

W/O SHOCK INSULATORS

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SPRINGS, ANTI-SWAY

SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

WITHOUT TRANSVERSE TORQUE RODS

URETHANE TRUNNION BUSHING

STANDARD WHEEL STUD OPTION

AIR/BRAKE

AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1800 W/COALESCING OIL FILTER

Prospective Customer Ref#: AIYW027517A Page 4

Description

ANTI-LOCK BRAKE SYSTEM, BENDIX ABS

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE

DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS

ELECTRICAL

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, SINGLE BOX 3 BATTERY MAX. PERP TO FRAME 11" FROM NTOF

COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT
ELECTRIC CIRCUIT PROTECTION PACKAGE, 12 VOLT W/CIRCUIT BREAKERS (HEADLAMP CIRCUIT: SAE TYPE I; ALL
OTHER CIRCUITS SAE TYPE II) NEGATIVE GROUND SYSTEM
CONTROL LINK II REFUSE BODYBUILDER ELECTRICAL CONNECTION SYSTEM
CONSOLE INCLUDED WITH CONTROL LINK II
HEADLIGHTS, (2) SINGLE ROUND HALOGEN LAMPS
REAR LIGHTING, FURNISH STANDARD TAIL-LIGHTS
W/O PWR TERMINAL-STROBE LIGHT OPTION

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CAB INTERIOR, SAME COLOR AS CAB EXTERIOR COLOR

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
HYDRAULIC PUMP, WITHOUT HYDRAULIC PUMP
W/O TORQUE CONVERTER OPTION

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VLS FEATURE Furnish
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm
CRUISE CONTROL SETTINGS W/O ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

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Description

CRUISE CONTROL AUTORESUME W/CLUTCH Furnish
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 5 mph
SMOOTH CRUISE Omit
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm
EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
GOVERNOR SETTINGS FOR USE WITH MANUAL TRANSMISSIONS
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
VEHICLE ACCELERATION LIMITING FEATURE Disable
REDUCED ENGINE RPM RANGE IN UPPER GEARS FEATURE Disable
ENGINE RPM LIMIT IN UPPER GEARS 0000

1st TRANS RATIO FOR REDUCED HIGH IDLE 0000
LAST TRANS RATIO FOR FULL HIGH IDLE 0000
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10

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Description

IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I17
TerraPro Series: MRU633, COE, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - BASIC

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD150-151, Unlimited miles on 3% grade maintained gravel/packed dirt or paved, Max 15% miles on 10% grade maintained gravel/packed dirt or paved, Max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved. 90000# (41000 kg) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 29

BVS/WHEELBASE/PLATFORM

CHASSIS (BASE MODEL), MRU633 6-WHEEL TRUCK

FRAME RAILS, 13.25" x 3.25" x .3125" (337 x 83 x 8mm) STEEL Combined rating w/inside channel reinforcement Section

Modulus 26.06 cu in/RBM 3,127,200 in lbs per rail.

WHEELBASE, 173" (4394 mm) WB 170" CA (4318 mm)

PLATFORM, 273" LP (6934 mm) 103" AF (2616 mm) USED WITH 173" WB

FRAME REINFORCEMENT - INSIDE, 1/4" STEEL CHANNEL

ENGINE/TRANSMISSION/CLUTCH

ENGINE, CUMMINS ISL-G 320 HP @2000 RPM (PEAK) 1000 LB FT. MAX TORQUE @ 1300 RPM

TRANSMISSION, 6 SPEED AUTOMATIC, ALLISON 4500-RDS-6 (4.70/0.67) RUGGED DUTY SERIES GEN 5 INCLUDES DIRECT MOUNT OIL COOLER, INTERNAL FILTER, AND OIL LEVEL SENSOR.

EXHAUST/EMISSIONS

EXHAUST, (R/S) VERTICAL STRAIGHT EXHAUST STACK STACK PLAIN END, SIDE OUTLET DIFFUSER

ENGINE EQUIPMENT

AIR COMPRESSOR, CUMMINS TWIN 30.4 CFM

PRE-CLEANER (DRY TYPE CLEANER)

ALTERNATOR, DELCO 12V 160A (24si) BRUSH-TYPE

BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE

BUG SCREEN, WINTER FRONT COVER ONLY

TEXACO EXTENDED LIFE COOLANT #7998 W/NITRITES (50/50 MIX) TO -34 DEG

ENGINE BLOCK HEATER, CUMMINS 120V/1000W

FAN DRIVE, HORTON FAN, "ON-OFF"

FLYWHEEL HOUSING, ALUMINUM

COOLANT LOOP, TEMPORARY COOLANT DISCONNECT FITTING TO AID BODY BUILDER IN PLUMBING COOLANT TO GAS SUPPLY REGULATOR

FUEL-WATER SEPARATOR, CUMMINS CNG COALESCING FUEL FILTER, STANCHION MTD ON FRAME

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, PLASTIC COATED CABLE, MOUNTED FRONT OF EACH BATTERY BOX LENGTH TO ALLOW COVER TO SET ON GROUND

CLUTCH/TRANS EQUIPMENT/DRIVELINES

CLUTCH PEDAL, W/O CLUTCH PEDAL

Prospective Customer Ref#: AIYW027617A Page 2

Description

TRANSMISSION BELL HOUSING, ALUMINUM

REMOTE MTD OIL COLLER FURNISH FOR ALLISON TRANSMISSION

SYNTHETIC LUBRICANT - TRANSMISSION, TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS

VOCATIONAL PACKAGE - ALLISON, ALLISON GEN 5 PACKAGE #142 (AG) REFUSE WITH AUTO NEUTRAL, ONE

SELECTOR, SHIFT TO NEUTRAL W/PARKING BRAKE ENGAGED

W/O DRIVESHAFT GUARD

DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"

DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

AIR CONDITIONING, MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONIDITIONER UNIT) W/R134a REFRIGERANT

CAB CONFIGURATIONS, CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL) INCLUDES MACK RUST

PREVENTATIVE PROCEDURES

CAB LIFT/TILT, LOCATED IN STD LOCATION

CERTIFIED WEIGHT

PARK BRAKE ACTIVATED

OMIT FUEL GAUGE

GAUGES, ENGLISH DISPLAY

GAUGE, TACHOMETER

TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT

GLASS - CAB WINDOW, TINTED WINDSHIELD SIDE AND REAR WINDOWS

GRILLE, STANDARD FINISH

CAB (H thru R)

W/O HEATER

HORN - AIR, (1) TWIN TRUMPET (MOUNTED UNDER CAB)

CHASSIS KEYED AT RANDOM - 2 KEYS

FORWARD OVERHEAD STORAGE, (2) RADIO SHELF, DRIVER SIDE
AM/FM STEREO, CD-PLAYER, MP3, WEATHERBAND
RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE

CAB (S thru Z)

SEAT - DRIVER, SEARS SEATING C-2 W/FABRIFORM CUSHIONS (MID BACK) AIR SUSPENSION
SEAT - RIDER, SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) NON-SUSPENSION
SEAT COVERING, FABRIFORM CLOTH, BLACK, DRIVER AND RIDER SEATS
SEAT BELTS, LAP AND SHOULDER W/LOCKING SEAT BELT RETRACTORS & "KOMFORT LATCH" FOR DRIVER AND RIDER SEATS
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES
TURN SIGNAL SWITCH, MANUAL CANCELLING TURN SIGNALS
WINDSHIELD PROTECTOR, FURNISH WINDSHIELD PROTECTOR
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, SWEEP BACK STEEL CHANNEL TYPE EXTENDED 63"/1600 mm BBC W/CENTER TOW PIN (92.62" x 11.25")

CROSSMEMBERS, STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL,
CROSSMEMBER (BEHIND REAR AXLE), WEB CHANNEL TYPE
W/O FRONT FRAME EXTENSION

TOWING DEVICE - FRONT, TOW PIN

TOWING DEVICE - REAR, W/O REAR TOWING DEVICE

Prospective Customer Ref#: AIYW027617A Page 3

Description

FUEL TANK - LH, DELETE LH FUEL DIESEL TANK - FOR LOCAL COMPLETION & CERTIFICATION OF CNG SYSTEM

FUEL TANK - RH, DELETE RH DIESEL TANK - FOR LOCAL COMPLETION & CERTIFICATION OF CNG SYSTEM

FUEL DRAW/RETURN SYSTEM, FLEXIBLE HOSE FOR NATURAL GAS

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLES, 20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 315/80R22.5 20 L M860A (ALL POS)

WHEELS - FRONT, ALUMINUM DISC

(2) 22.5x9.0 ALCOA LVL ONE, 10-HOLE HUB PILOTED (11 1/4"/286mm BC) 5.96" INSET, #89465X

WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS

BRAKES - FRONT, BENDIX ES165-06D, 16.5" x 6" CAST SPIDER

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

DUST SHIELDS - FRONT BRAKE, OMIT

HUBS - FRONT, FERROUS

SHOCK ABSORBERS, FRONT

SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING

STEERING, XD120 SHEPPARD STEERING GEAR (RATIO 23:1)

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING "R" SERIES WHEEL ENDS, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY

4S/4M SYSTEM REAR WHEEL END SENSORS

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)

CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO

WHEELS - REAR, ALUMINUM DISC

(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS

BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER

BRAKE DIAPHRAGMS, W/O BRAKE DIAPHRAGM OPTION

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

DUST SHIELDS - REAR BRAKE, OMIT

HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)

RAISED REAR BRAKE CHAMBERS (REAR REAR AXLE ONLY)

W/O SHOCK INSULATORS

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC

SPRINGS, ANTI-SWAY

SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

WITHOUT TRANSVERSE TORQUE RODS

URETHANE TRUNNION BUSHING

STANDARD WHEEL STUD OPTION

AIR/BRAKE

AIR DRYER, MERITOR/WABCO AIR DRYER, 1800 HEATED W/COALESCING OIL FILTER

ANTI-LOCK BRAKE SYSTEM, BENDIX ABS

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE

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Description

DRAIN VALVES, MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS

ELECTRICAL

BATTERY BOX COVERS, MOLDED PLASTIC

BATTERY BOX - MOUNTING, SINGLE BOX 3 BATTERY MAX. PERP TO FRAME 11" FROM NTOF

COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT

ELECTRIC CIRCUIT PROTECTION PACKAGE, 12 VOLT W/CIRCUIT BREAKERS (HEADLAMP CIRCUIT: SAE TYPE I; ALL

OTHER CIRCUITS SAE TYPE II) NEGATIVE GROUND SYSTEM
CONTROL LINK II REFUSE BODYBUILDER ELECTRICAL CONNECTION SYSTEM
CONSOLE INCLUDED WITH CONTROL LINK II
HEADLIGHTS, (2) SINGLE ROUND HALOGEN LAMPS
REAR LIGHTING, FURNISH STANDARD TAIL-LIGHTS
W/O PWR TERMINAL-STROBE LIGHT OPTION

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)

PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT

PAINT - CAB INTERIOR, SAME COLOR AS CAB EXTERIOR COLOR

PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)

PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR

PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT

WITHOUT OPTIONAL SPOKE WHEEL PAINT

WITHOUT SPECIAL PRE-FINISHED OPTION

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)

CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)

W/O PAINT FOR FUEL TANK (7HB-Z1X)

W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)

W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - CRANKSHAFT ADAPTER, W/O FRONT END PTO DRIVE

HYDRAULIC PUMP, WITHOUT HYDRAULIC PUMP

FURNISH TC521 FOR USE W/ALLISON (HD, RDS) TRANSMISSION

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph

PEDAL ROAD SPEED LIMITER (MPH) 65 mph

LGVLS FEATURE ACTIVATION Omit

LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

SOFT RSL Omit

PDLO ENGAGED VEHICLE LIMITING SPEED 00 rpm

CRUISE CONTROL SETTINGS WITH ALLISON TRANS

CRUISE CONTROL MAX SET SPEED (MPH) 65 mph

CRUISE CONTROL MIN SET SPEED (MPH) 20 mph

CRUISE CONTROL AUTORESUME W/CLUTCH Omit

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph

ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm

FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm

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Description

VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph

FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph

IDLE LOGGING DELAY (MIN) 2

Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY 0 (disable)

PERIODIC TRIP DAY OF WEEK 0 (disable)

PERIODIC TRIP DAY OF MONTH 1

EHT MAX ENGINE SET SPEED (RPM)

2100 rpm

EHT MIN ENGINE SET SPEED (RPM) 700 rpm

EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph

EHT RAMP RATE (RPM/Sec)

EHT SINGLE SPEED CONTROL ACTIVATION Omit

EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm

EHT JUMP-TO-MIN SET SPEED Omit

EHT HOLD TO NEAREST RPM 00 rpm

EHT ACCEL-DECEL BUMP-UP RPM 00 rpm

EHT ACCEL-DECEL BUMP-DOWN RPM 00 rpm

ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish

ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit

ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish

ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish

ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish

GOVERNOR TYPE Min-Max Governor

ENGINE HIGH IDLE SPEED IF STOPPED 0000

ENGINE LOW IDLE SET SPEED (RPM) 700 rpm

DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

SMART IDLE FEATURE ACTIVATION Omit

SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10

IDLE S/D ABS TAMPER CHECK Omit

IDLE COOLDOWN FEATURE ACTIVATION Omit

IDLE SHUTDOWN FEATURE ACTIVATION Omit

IDLE SHUTDOWN TIME (MINS) 10

IDLE SHUTDOWN WARNING TIME (SECS) 30

IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100

IDLE SHUTDOWN WARM-UP TIMER (MINS) 5

IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 00
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 00
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 00
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm

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Description

PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 00 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAGE

H-GAC Product Code: I18
TerraPro Series: LR 613, COE, Low Entry, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - CARB 08

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD150-151, Unlimited miles on 3% grade maintained gravel/packed dirt or paved, Max 15% miles on 10% grade maintained gravel/packed dirt or paved, Max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved. 90000# (41000 kg) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 29

BVS/WHEELBASE/PLATFORM

CHASSIS (BASE MODEL), LR603 6-WHEEL TRUCK

DROP FRAME, W/O DROP FRAME

FRAME RAILS, 13.375" x 3.25" x .375" (340 x 83 x 10mm) STEEL Section Modulus 23.49 cu in/RBM 2,818,800 in lbs per rail.

WHEELBASE, 197" (5004 mm) WB 202" CA (5131 mm)

PLATFORM, 282" LP (7264 mm) 80" AF (2024 mm) USED WITH 197" WB

FRAME REINFORCEMENT - INSIDE, WITHOUT FRAME REINFORCEMENT (INSIDE CHANNEL)

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1350 RPM

TRANSMISSION, 6 SPEED AUTOMATIC, ALLISON 4500-RDS-6 (4.70/0.67) RUGGED DUTY SERIES GEN 5 INCLUDES DIRECT MOUNT OIL COOLER, EXTERNAL OIL COOLER, INTERNAL FILTER, AND OIL LEVEL SENSOR

EXHAUST/EMISSIONS

DPF, CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC

EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC PASSIVE REGEN

DPF SMART SWITCH, W/O DPF REGENERATION CONTROL SWITCH

EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK PLAIN END, SIDE OUTLET DIFFUSER

ENGINE EQUIPMENT

PRE-CLEANER (DRY TYPE CLEANER)

W/O AIR INTAKE HEIGHT OPTION

ALTERNATOR, DELCO 12V 130A (24SI) BRUSH-TYPE

BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE TERMINALS

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, W/O ENGINE BRAKE

ENGINE BLOCK HEATER, 120V 1500 WATT ENGINE BLOCK HEATER

FAN DRIVE, BEHR FAN AND ELECTRONIC MODULATING FAN DRIVE

FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

OIL PAN, OIL PAN

W/O ENGINE COLD START AID

STARTER, 12 VOLT DELCO MTHD 39

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Description

TETHER DEVICE, PLASTIC COATED CABLE, MOUNTED FRONT OF EACH BATTERY BOX LENGTH TO ALLOW COVER TO SET ON GROUND

CLUTCH/TRANS EQUIPMENT/DRIVELINES

SYNTHETIC LUBRICANT - TRANSMISSION, TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS

VOCATIONAL PACKAGE - ALLISON, ALLISON GEN 5 PACKAGE #183 (AG) REFUSE WITH AUTO NEUTRAL, TWO

SELECTORS, SHIFT TO NEUTRAL W/PARKING BRAKE ENGAGED W/GEAR SPEED LIMITS RIGHT HAND SIDE

W/O DRIVESHAFT GUARD

DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"

DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

AIR CONDITIONING, EXTENDED CAB INTEGRAL A/C

AIR RESTRICTION MONITOR (INTAKE), GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)

CAB CONFIGURATIONS, LH DRIVE & RH STAND-UP DRIVE

CAB LIFT/TILT, MANUAL TILT PUMP

CAB - CORNER PROTECTION, W/O CAB CORNER PROTECTION, FRONT

CERTIFIED WEIGHT

ENGINE RUNNING ACTIVATED

LH FRONT HINGED & RH REAR HINGED & FOLD UP

W/O EXHAUST PYROMETER GAUGE

GAUGES, ENGLISH DISPLAY

TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT

GEAR SHIFT, WITH NEUTRAL-TO-RANGE INHIBIT

GLASS - CAB WINDOW, TINTED WINDSHIELD SIDE AND REAR WINDOWS

GRILLE, BLACK

CAB (H thru R)

HORN - AIR, (1) TWIN-UNDER CAB TRUMPET W/DUAL LANYARD CONTROL
HORN - ELECTRIC, SINGLE TONE
CHASSIS KEYED AT RANDOM - 2 KEYS
MARKER / DIRECTIONAL SIGNAL, FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE
MIRRORS - EXTERIOR, LH & RH ELECTRIC HEATED & OPERATED, WITHOUT MEMORY
MIRRORS - CONVEX TYPE, CONVEX MIRRORS
MIRRORS - PROXIMITY, W/O OPTIONAL VISIBILITY MIRROR
WITHOUT PERSONALIZED NAME PLATE
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO SHUTOFF, W/O AUTO RADIO SHUTOFF OPTION
TWO WRAP AROUND HIGH VISIBILITY CAB CORNER WINDOWS

CAB (S thru Z)

SEAT - DRIVER, SEARS SEATING C-2 W/FABRIFORM CUSHIONS (MID BACK) AIR SUSPENSION
SEAT - RIDER, SEARS SEATING FOLD UP SEAT
SEAT COVERING, DRIVER - BLACK FABRIFORM CLOTH; RIDER - BLACK CLOTH
SEAT BELTS (ORANGE) FOR DRIVER AND LAP BELT FOR FOLD-UP RIDER SEAT
W/O OPTIONAL ROOF VENT
STEERING COLUMN, ADJUSTABLE LH STEERING WHEEL RH FIXED
STEERING WHEEL, (2) TWO SPOKE 18" - URETHANE GRIP CHARCOAL SPOKES
W/O REAR WALL STORAGE UNIT
SUN VISOR - BOTH SIDES

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Description

TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD PROTECTOR, FURNISH WINDSHIELD PROTECTOR
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, PAINTED STEEL LOW PROFILE FRONT BUMPER 65"/1651 mm BBC
CROSSMEMBERS, STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW RAIL, 1ST XMBR BOC RR 38.17" FROM AL LINE
CROSSMEMBER (BEHIND REAR AXLE), 1/2" PLATE (ONE) BACK TO BACK
W/O FRONT FRAME EXTENSION
WITHOUT SKID PLATE
TOWING DEVICE - FRONT, TOW PIN
TOWING DEVICE - REAR, W/O REAR TOWING DEVICE
FUEL TANK - LH, WITHOUT LH FUEL TANK
FUEL TANK - RH, 70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR
FUEL TANKS - BRIGHT FINISH, W/O SPECIAL FINISH FUEL TANK
6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD
FUEL DRAW/RETURN SYSTEM, AEROQUIP FIRE RESISTANT
FOR RH FUEL TANK, INCLUDES SUMP
RELOCATE FUEL TANK, LOCATE RH TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLES, 20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 315/80R22.5 20 L M860A (ALL POS)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x9.0 ALCOA LVL ONE, 10-HOLE HUB PILOTED (11 1/4"/286mm BC) 5.96" INSET, #89465X
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-06D, 16.5" x 6" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING

STATIC LOAD CUSHIONS
STEERING, M100P PLUS RIGHT SIDE ASSIST CYLINDER
W/O WHEEL LUGWRENCH

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING "R" SERIES WHEEL ENDS, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY

4S/4M SYSTEM REAR WHEEL END SENSORS
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DIAPHRAGMS, W/O BRAKE DIAPHRAGM OPTION
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

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Description

DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)
HIGH MOUNT REAR BRAKE CHAMBERS (REAR REAR AXLE ONLY)
WITHOUT SHOCK ABSORBERS - REAR

SHOCK INSULATORS, HEAVY DUTY URETHANE
SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
W/O ANTI-SPRINGS
SPRING BRAKE CHAMBERS - QUANTITY, (4) CHAMBERS
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
SYNTHETIC LUBRICANT - REAR AXLE, FACTORY OPTION LUBE REAR AXLE
TRANSVERSE TORQUE ROD (REAR AXLE ONLY)
BRONZE TRUNNION BUSHING
STANDARD WHEEL STUD OPTION

AIR/BRAKE

AIR LINES - BODYBUILDER, W/O BODYBUILDER AIR LINES
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1800 W/COALESCING OIL FILTER
W/O RELOCATED AIR RESERVOIRS
AIR RESERVOIRS, STEEL
ANTI-LOCK BRAKE SYSTEM, BENDIX ABS
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
DRAIN VALVES, AUTOMATIC DRAIN VALVE, HEATED ON SUPPLY TANK, MANUAL (PETCOCK) ON ALL OTHER TANKS

ELECTRICAL

BACK-UP ALARM, PRECO, MODEL 1059
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, SINGLE BOX 3 BATTERY MAX. PERP TO FRAME 11" FROM NTOF
FLAMING RIVER BIG SWITCH WIRED ON POSITIVE SIDE
BATTERY SWITCH WARNING LIGHT, FURNISH ON OR NEAR BATTERY BOX (LIGHT ON IN RUN POSITION)
CAB WIRING & DASH CONTROL, W/O ROOF MTD LAMP OPTION
COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT
ELECTRIC CIRCUIT PROTECTION PACKAGE, 12 VOLT W/CIRCUIT BREAKERS (HEADLAMP CIRCUIT: SAE TYPE I; ALL OTHER CIRCUITS SAE TYPE II) NEGATIVE GROUND SYSTEM
CONTROL LINK II REFUSE BODYBUILDER ELECTRICAL CONNECTION SYSTEM
HEADLIGHTS, HALOGEN-SINGLE RECTANGLE, SEALED BEAM W/O PROTECTOR
REAR LIGHTING, OMIT TAIL LIGHTS
W/O PWR TERMINAL-STROBE LIGHT OPTION

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FUEL TANK, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT

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Description

WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
SAME COLOR AS CHASSIS RUNNING GEAR (7HB-A1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - CRANKSHAFT ADAPTER, FRONT END PTO-1350 SER FLANGE
PTO - REAR ENGINE (REPTO), WITHOUT REAR ENGINE POWER TAKE OFF
HYDRAULIC PUMP, FURNISH PUMP MTG PROVISIONS - INCLUDE WIRING, SWITCHES, AND INDICATORS AS REQUIRED
FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD TRANSMISSION
FURNISH WORK BRAKE

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VLS FEATURE Furnish
PDLO ENGAGED VEHICLE LIMITING SPEED 25 rpm
CRUISE CONTROL SETTINGS WITH ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Omit
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1

EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 50 rpm
EHT ACCEL-DECEL BUMP-UP RPM 50 rpm

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Description

EHT ACCEL-DECEL BUMP-DOWN RPM 50 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
ALLOW FAN OVERRIDE WHEN PARKED Omit
FAN ACTIVATION WITH PTO Omit
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
ENGINE LOW IDLE SET SPEED (RPM) 700 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 20
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 60
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 80
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 50 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit

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Description

PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 50 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 50 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS
SOFT PRODUCTS/BULLDOG PROTECTION
2 YEARS COVERAG

H-GAC Product Code: I19
TerraPro Series: LR 633, COE, Low Entry, TRA

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES

LANGUAGE, ENGLISH

IDLE EMISSION CERTIFICATION, IDLE EMISSION CERTIFICATION - BASIC

TYPE OF SERVICE, COMMERCIAL

VEHICLE APPLICATION CLASS, CHOOSE A VEHICLE APPLICATION CLASS

CARRIER APPLICATION, WITH CRD150-151, Unlimited miles on 3% grade maintained gravel/packed dirt or paved, Max 15% miles on 10% grade maintained gravel/packed dirt or paved, Max 10% miles on 5% unmaintained, maintained gravel, packed dirt, or paved. 90000# (41000 kg) MAX GCW. (Carrier Code USA-V1)

VEHICLE TYPE, STRAIGHT TRUCK WITHOUT TRAILER

VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION

PRICE BOOK LEVEL, 2017A PRICE BOOK LEVEL

PRODUCT CLASS, PRODUCT CLASS 29

BVS/WHEELBASE/PLATFORM

CHASSIS (BASE MODEL), LR633 6-WHEEL TRUCK

DROP FRAME, W/O DROP FRAME

FRAME RAILS, 13.375" x 3.25" x .375" (340 x 83 x 10mm) STEEL Section Modulus 23.49 cu in/RBM 2,818,800 in lbs per rail.

WHEELBASE, 197" (5004 mm) WB 202" CA (5131 mm)

PLATFORM, 282" LP (7264 mm) 80" AF (2024 mm) USED WITH 197" WB

FRAME REINFORCEMENT - INSIDE, WITHOUT FRAME REINFORCEMENT (INSIDE CHANNEL)

ENGINE/TRANSMISSION/CLUTCH

ENGINE, CUMMINS ISL-G 320 HP @2000 RPM (PEAK) 1000 LB FT. MAX TORQUE @ 1300 RPM

TRANSMISSION, 6 SPEED AUTOMATIC, ALLISON 4500-RDS-6 (4.70/0.67) RUGGED DUTY SERIES GEN 5 INCLUDES DIRECT MOUNT OIL COOLER, EXTERNAL OIL COOLER, INTERNAL FILTER, AND OIL LEVEL SENSOR

EXHAUST/EMISSIONS

EXHAUST, NO MUFFLER, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK PLAIN END, SIDE OUTLET DIFFUSER, OUTBOARD

ENGINE EQUIPMENT

AIR COMPRESSOR, CUMMINS TWIN 30.4 CFM

PRE-CLEANER (DRY TYPE CLEANER)

ALTERNATOR, DELCO 12V 160A (24SI)

BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE TERMINALS

BUG SCREEN, WINTER FRONT COVER ONLY

TEXACO EXTENDED LIFE COOLANT #7998 W/NITRITES (50/50 MIX) TO -34 DEG

ENGINE BLOCK HEATER, CUMMINS 120V/1000W

FAN DRIVE, HORTON FAN, "ON-OFF"

COOLANT LOOP, TEMPORARY COOLANT DISCONNECT FITTING TO AID BODY BUILDER IN PLUMBING COOLANT TO GAS SUPPLY REGULATOR

FUEL-WATER SEPARATOR, CUMMINS CNG COALESCING FUEL FILTER, STANCHION MTD ON FRAME

STARTER, 12 VOLT DELCO MTHD 39

TETHER DEVICE, PLASTIC COATED CABLE, MOUNTED FRONT OF EACH BATTERY BOX LENGTH TO ALLOW COVER TO SET ON GROUND

CLUTCH/TRANS EQUIPMENT/DRIVELINES

REMOTE MTD OIL COLLER FURNISH FOR ALLISON TRANSMISSION

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Description

SYNTHETIC LUBRICANT - TRANSMISSION, TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS

VOCATIONAL PACKAGE - ALLISON, ALLISON GEN 5 PACKAGE #183 (AG) REFUSE WITH AUTO NEUTRAL, TWO

SELECTORS, SHIFT TO NEUTRAL W/PARKING BRAKE ENGAGED W/GEAR SPEED LIMITS RIGHT HAND SIDE

W/O DRIVESHAFT GUARD

DRIVELINE - MAIN, MERITOR 17 MXL "XTENDED LUBE"

DRIVELINE - INTERAXLE, MERITOR 17 MXL "XTENDED LUBE"

CAB (A thru G)

AIR CONDITIONING, EXTENDED CAB INTEGRAL A/C

AIR RESTRICTION MONITOR (INTAKE), GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)

CAB CONFIGURATIONS, LH DRIVE & RH STAND-UP DRIVE

CAB LIFT/TILT, MANUAL TILT PUMP

CAB - CORNER PROTECTION, W/O CAB CORNER PROTECTION, FRONT

CERTIFIED WEIGHT

ENGINE RUNNING ACTIVATED

LH FRONT HINGED & RH REAR HINGED & FOLD UP

GAUGES, ENGLISH DISPLAY

TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT

GEAR SHIFT, WITH NEUTRAL-TO-RANGE INHIBIT

GLASS - CAB WINDOW, TINTED WINDSHIELD SIDE AND REAR WINDOWS

GRILLE, BLACK

CAB (H thru R)

HORN - AIR, (1) TWIN-UNDER CAB TRUMPET W/DUAL LANYARD CONTROL

HORN - ELECTRIC, SINGLE TONE

CHASSIS KEYED AT RANDOM - 2 KEYS

MARKER / DIRECTIONAL SIGNAL, FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE

MIRRORS - EXTERIOR, LH & RH ELECTRIC HEATED & OPERATED, WITHOUT MEMORY
MIRRORS - CONVEX TYPE, CONVEX MIRRORS
MIRRORS - PROXIMITY, W/O OPTIONAL VISIBILITY MIRROR
WITHOUT PERSONALIZED NAME PLATE
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
RADIO SHUTOFF, W/O AUTO RADIO SHUTOFF OPTION
TWO WRAP AROUND HIGH VISIBILITY CAB CORNER WINDOWS

CAB (S thru Z)

SEAT - DRIVER, SEARS SEATING C-2 W/FABRIFORM CUSHIONS (MID BACK) AIR SUSPENSION
SEAT - RIDER, SEARS SEATING FOLD UP SEAT
SEAT COVERING, DRIVER - BLACK FABRIFORM CLOTH; RIDER - BLACK CLOTH
SEAT BELTS (ORANGE) FOR DRIVER AND LAP BELT FOR FOLD-UP RIDER SEAT
W/O OPTIONAL ROOF VENT
STEERING COLUMN, ADJUSTABLE LH STEERING WHEEL RH FIXED
STEERING WHEEL, (2) TWO SPOKE 18" - URETHANE GRIP CHARCOAL SPOKES
W/O REAR WALL STORAGE UNIT
SUN VISOR - BOTH SIDES
TURN SIGNAL SWITCH, SELF CANCELLING TURN SIGNALS
WINDSHIELD PROTECTOR, FURNISH WINDSHIELD PROTECTOR
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

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Description

BUMPER - FRONT, PAINTED STEEL LOW PROFILE FRONT BUMPER 65"/1651 mm BBC
CROSSMEMBERS, STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW RAIL, 1ST XMBR BOC RR 38.17" FROM AL LINE
CROSSMEMBER (BEHIND REAR AXLE), 1/2" PLATE (ONE) BACK TO BACK
W/O FRONT FRAME EXTENSION
WITHOUT SKID PLATE
TOWING DEVICE - FRONT, TOW PIN
TOWING DEVICE - REAR, W/O REAR TOWING DEVICE
FUEL TANK - LH, DELETE LH FUEL DIESEL TANK - FOR LOCAL COMPLETION & CERTIFICATION OF CNG SYSTEM
FUEL TANK - RH, DELETE RH DIESEL TANK - FOR LOCAL COMPLETION & CERTIFICATION OF CNG SYSTEM
FUEL DRAW/RETURN SYSTEM, FLEXIBLE HOSE FOR NATURAL GAS
RELOCATE FUEL TANK, W/O RELOCATED FUEL TANK(S)

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLES, 20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 315/80R22.5 20 L M860A (ALL POS)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x9.0 ALCOA LVL ONE, 10-HOLE HUB PILOTED (11 1/4"/286mm BC) 5.96" INSET, #89465X
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
BRAKES - FRONT, BENDIX ES165-06D, 16.5" x 6" CAST SPIDER
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
HUBS - FRONT, FERROUS
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, HALDEX - AUTOMATIC

SPRINGS - FRONT, MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING

STATIC LOAD CUSHIONS
STEERING, M100P PLUS RIGHT SIDE ASSIST CYLINDER
W/O WHEEL LUGWRENCH

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING "R" SERIES WHEEL ENDS, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY

4S/4M SYSTEM REAR WHEEL END SENSORS
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R268 ECOPIA (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, ALUMINUM DISC
(8) 22.5x8.25 (210 mm) ALCOA LVL ONE 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
BRAKES - REAR, BENDIX ES165-07D, 16.5x7 CAST SPIDER
BRAKE DIAPHRAGMS, W/O BRAKE DIAPHRAGM OPTION
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
HUBS - REAR, CONMET IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT
PREMIUM HUB OIL REAR SEAL
POWER DIVIDER LOCKOUT W/WARNING LIGHT AND BUZZER (INCLUDES IN CAB MANUAL AIR VALVE)
HIGH MOUNT REAR BRAKE CHAMBERS (REAR REAR AXLE ONLY)
WITHOUT SHOCK ABSORBERS - REAR
SHOCK INSULATORS, HEAVY DUTY URETHANE

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Description

SLACK ADJUSTERS - REAR, HALDEX - AUTOMATIC
W/O ANTI-SPRINGS
SPRING BRAKE CHAMBERS - QUANTITY, (4) CHAMBERS
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
REAR SPRING BRAKE CHAMBERS 30/30 TYPE
SYNTHETIC LUBRICANT - REAR AXLE, FACTORY OPTION LUBE REAR AXLE

TRANSVERSE TORQUE ROD (REAR AXLE ONLY)
BRONZE TRUNNION BUSHING
STANDARD WHEEL STUD OPTION

AIR/BRAKE

AIR LINES - BODYBUILDER, W/O BODYBUILDER AIR LINES
AIR DRYER, MERITOR/WABCO AIR DRYER, 1800 HEATED W/COALESCING OIL FILTER
W/O RELOCATED AIR RESERVOIRS
AIR RESERVOIRS, STEEL
ANTI-LOCK BRAKE SYSTEM, BENDIX ABS
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
DRAIN VALVES, AUTOMATIC DRAIN VALVE, HEATED ON SUPPLY TANK, MANUAL (PETCOCK) ON ALL OTHER TANKS

ELECTRICAL

BACK-UP ALARM, PRECO, MODEL 1059
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, SINGLE BOX 3 BATTERY MAX. PERP TO FRAME 11" FROM NTOF
FLAMING RIVER BIG SWITCH WIRED ON POSITIVE SIDE
BATTERY SWITCH WARNING LIGHT, FURNISH ON OR NEAR BATTERY BOX (LIGHT ON IN RUN POSITION)
CAB WIRING & DASH CONTROL, W/O ROOF MTD LAMP OPTION
COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT
ELECTRIC CIRCUIT PROTECTION PACKAGE, 12 VOLT W/CIRCUIT BREAKERS (HEADLAMP CIRCUIT: SAE TYPE I; ALL OTHER CIRCUITS SAE TYPE II) NEGATIVE GROUND SYSTEM
CONTROL LINK II REFUSE BODYBUILDER ELECTRICAL CONNECTION SYSTEM
HEADLIGHTS, HALOGEN-SINGLE RECTANGLE, SEALED BEAM W/O PROTECTOR
REAR LIGHTING, OMIT TAIL LIGHTS
W/O PWR TERMINAL-STROBE LIGHT OPTION

PAINT

PAINT - CAB EXTERIOR, SINGLE COLOR, MACK WHITE (HIGH GLOSS)
PAINT - CAB, URETHANE BASE COAT W/O CLEAR COAT
PAINT - CHASSIS RUNNING GEAR, MACK BLACK (URETHANE)
PAINT - BUMPER, SAME AS CHASSIS RUNNING GEAR
PAINT - FRONT SPOKE WHEELS, WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT OPTIONAL SPOKE WHEEL PAINT
WITHOUT SPECIAL PRE-FINISHED OPTION
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
W/O PAINT FOR FUEL TANK (7HB-Z1X)
W/O CUSTOM PAINT FOR HUB&DRUM/SPOKES (5YB-Z1X)
W/O CUSTOM PAINTED FRONT/REAR RIM/WHEEL (6BB-Z1X)

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Description

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - CRANKSHAFT ADAPTER, W/O FRONT END PTO DRIVE
HYDRAULIC PUMP, WITHOUT HYDRAULIC PUMP
FURNISH TC521 FOR USE W/ALLISON (HD, RDS) TRANSMISSION
FURNISH WORK BRAKE

V-MAC IV PROGRAMMABLE PARAMETERS

CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
PEDAL ROAD SPEED LIMITER (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
SOFT RSL Omit
PDLO ENGAGED VEHICLE LIMITING SPEED 00 rpm
CRUISE CONTROL SETTINGS WITH ALLISON TRANS
CRUISE CONTROL MAX SET SPEED (MPH) 65 mph
CRUISE CONTROL MIN SET SPEED (MPH) 20 mph
CRUISE CONTROL AUTORESUME W/CLUTCH Omit
CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 0 mph
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm
VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY 0 (disable)
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
EHT MAX ENGINE SET SPEED (RPM)
2100 rpm
EHT MIN ENGINE SET SPEED (RPM) 700 rpm
EHT VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
EHT RAMP RATE (RPM/Sec)
EHT SINGLE SPEED CONTROL ACTIVATION Omit
EHT SINGLE SPEED CONTROL SET SPEED (RPM) 0000 rpm
EHT JUMP-TO-MIN SET SPEED Omit
EHT HOLD TO NEAREST RPM 00 rpm
EHT ACCEL-DECEL BUMP-UP RPM 00 rpm

EHT ACCEL-DECEL BUMP-DOWN RPM 00 rpm
ENGINE PROTECTION - OIL PRESSURE SHUTDOWN Furnish
ENGINE PROTECTION - COOLANT LEVEL SHUTDOWN Omit
ENGINE PROTECTION - COOLANT TEMP SHUTDOWN Furnish
ENGINE PROTECTION - ENGINE OIL TEMP SHUTDOWN Furnish
ENGINE PROTECTION TRANS OIL TEMP SHUTDOWN Furnish
GOVERNOR TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IF STOPPED 0000
ENGINE LOW IDLE SET SPEED (RPM) 700 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit

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Description

SMART IDLE FEATURE ACTIVATION Omit
SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
IDLE S/D ABS TAMPER CHECK Omit
IDLE COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10
IDLE SHUTDOWN WARNING TIME (SECS) 30
IDLE SHUTDOWN WARM-UP TEMPERATURE (DEG F) 100
IDLE SHUTDOWN WARM-UP TIMER (MINS) 5
IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
IDLE S/D OVERRIDE % ENGINE LOAD THRESHOLD 00
IDLE S/D CONTROL W/O Idle Shutdown
IDLE S/D OVERRIDE LOWER TEMP. THRESHOLD (DEG F) 00
IDLE S/D OVERRIDE UPPER TEMP. THRESHOLD (DEG F) 00
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 1 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 1 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 1 RAMP RATE (RPM/Sec) 100
PTO 1 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 1 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 1 SINGLE SPEED CONTROL AUTOSET Omit
PTO 1 JUMP-TO-MIN SET SPEED Omit
PTO 1 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 1 HOLD TO NEAREST RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-UP RPM 00 rpm
PTO 1 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
PTO 2 MAX ENGINE SET SPEED (RPM) 2100 rpm
PTO 2 MIN ENGINE SET SPEED (RPM) 600 rpm
PTO 2 VEHICLE SPEED RANGE LIMIT (MPH) 10 mph
PTO 2 RAMP RATE (RPM/Sec) 100
PTO 2 SINGLE SPEED CONTROL ACTIVATION Omit
PTO 2 SINGLE SPEED CONTROL SET SPEED (RPM) 1000 rpm
PTO 2 SINGLE SPEED CONTROL AUTOSET Omit
PTO 2 JUMP-TO-MIN SET SPEED Omit
PTO 2 VEHICLE LIMITING SPEED (MPH) 60 mph
PTO 2 HOLD TO NEAREST RPM 00 rpm
PTO 2 ACCEL-DECEL BUMP-UP RPM
PTO 2 ACCEL-DECEL BUMP-DOWN RPM 00 rpm
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY US10
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

SOFT PRODUCTS/BULLDOG PROTECTION

2 YEARS COVERAG
