

Mack Standard Features Contract #HT11-09a

The following descriptions are the Mack standard features, as pulled verbatim from Mack 2011-C dealer quotation database. Contractors priced these complete trucks in their entirety, reflecting the entire complement of the Mack Base Vehicle Specification's standard features listed, 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.

H-GAC Product Code: I1 Mack Model: CXU612

2011 CXU612
Ref#: AFLZ001011C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - CMM42T
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CXU602 4-WHEEL TRACTOR
FRONT AXLE BACK POSITION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP8-415C 415 HP @ 1500-1700 RPM (PEAK) 1660 LB FT. MAX TORQUE @ 1100-1300 RPM.
TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), FULLER FRO-16210B (11.06/0.75) 10 SPEED FULLER
CLUTCH, MANUAL ADJUSTING, CL798/7982 15.5" CERAMIC SPICER 9 SPRINGS, 4 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTICULATE FILTER CERAMIC PASSIVE REGEN
DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT
DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH
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 100A (24SI)
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES TO -34 DEGREES F (-37 DEGREES C)
MACK COOLANT CONDITIONER
ENGINE BRAKE, MACK POWERLEASH
FLYWHEEL HOUSING, ALUMINUM
FUEL HEATER, W/O FUEL HEATER
FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)
HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

Prospective Customer Ref#: AFLZ001011C Page 2

Description List Price

OIL PAN HEATER, W/O OIL PAN HEATER
 RADIATOR, ALUMINUM CORE
 STARTER, 12 VOLT GEAR REDUCTION STARTER
 ELECTRONIC STARTER INTERLOCK
 TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE
 CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
 TRANSMISSION BELL HOUSING, IRON
 TRANS OIL COOLER (INTEGRAL OIL PUMP)
 CHOOSE A NEUTRAL CONTROL
 VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE
 DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT
 AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
 CAB, LH-STEER CA68 CONV CAB
 CERTIFIED WEIGHT
 PARK BRAKE AND ENGINE RUNNING ACTIVATED
 DOME LIGHT (4) LAMPS RH/LH DOME LAMPS-DOOR AND SWITCH ACTIVATED, (2) CAB REAR DOME
 LAMPS-SWITCH ACTIVATED
 VISIBILITY DOOR
 DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL
 ENGINE SHUTOFF, KEY TYPE
 GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
 GAUGES, ENGLISH/METRIC DISPLAY
 GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
 GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD, SIDE AND REAR WINDOWS
 GRAB HANDLES, BLACK FINISH RH & LH BEHIND DOOR

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
 OMIT STD HEATER
 PAINTED HOOD LATCHES
 HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
 HORN - ELECTRIC, SINGLE TONE
 IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
 IN-DASH STORAGE, MEMO AREA AND CLIP
 INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
 LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDDOG ROUTINE MAINTENANCE
 MONITORING)
 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

Prospective Customer Ref#: AFLZ001011C Page 3**Description List Price**

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 STEREO CD W/WEATHERBAND
 RADIO ANTENNA, ROOF 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 BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT WITH FIXED D-RING FOR
 DRIVER AND RIDER SEATS
 STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
 STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
 STORAGE POUCH REAR
 SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER
 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), FONTAINE SL3ASB
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, 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
FRONT AXLE/EQUIPMENT/TIRES
FRONT AXLE, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R280
(ALL POSITION)
WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
HUBS - FRONT, ALUMINUM

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Description List Price

BRAKES - FRONT, MERITOR "S" CAM TYPE 15" x 4" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - FRONT BRAKE, OMIT
FAG SCHAEFFLER, FRONT HUB OIL SEAL
DOUBLE ACTING TYPE
SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)
STEERING, TAS-65 TRW INTEGRAL POWER
SYNTHETIC 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 R280
(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 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
HUBS - REAR, ALUMINUM
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, STEMCO (VOYAGER)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SPRING BRAKE CHAMBERS - VENDOR, HALDEX
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
FRAME/WHEELBASE/PLATFORM
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
WHEELBASE, 156" (3950 mm) WB 90" CA (2287 mm)
PLATFORM, 131" LP (3317 mm) 41" AF (1030 mm) USED WITH 156" WB
AIR/BRAKE
ABS/ATC DRIVER OPTION, FURNISH ATC MUD/SNOW SWITCH
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
W/O COLLISION WARNING SYSTEM
BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND
TRACTOR-TRAILER PARK
HAND CONTROL VALVE FOR TRAILER BRAKES
WITHOUT SPRING BRAKE INVERSION VALVE

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Description List Price

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

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

SIGNAL FLASHER TYPE, TRANSISTORIZED TURN SIGNAL, ACD TRITON

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 OPTIONS

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

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

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

PAINT PROCESS - FUEL TANK, 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

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) 3 mph

DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)

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

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Description List Price

PERIODIC TRIP TYPE Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY Midnight

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 SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)

CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level

FLEET MANAGEMENT VIA CO-PILOT Omit

DEL MESSAGES CO-PILOT ACTIVATION 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
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 TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100
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 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

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Description List Price

IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Highway
MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE W/O Eaton Auto/Ultrashift Mode
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I2
Mack Model: CHU612

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CARRIER APPLICATION, VENDOR CARRIER
VEHICLE TYPE, TRACTOR FOR 5TH WHEEL
VEHICLE USE AND BODY/TRAILER TYPE, SELECT AN APPLICATION
PRODUCT TYPE, PRODUCT TYPE - CMM42T
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CHU602 4-WHEEL TRACTOR
FRONT AXLE FORWARD POSITION

ENGINE/TRANSMISSION/CLUTCH

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DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

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

DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

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 100A (24SI)

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

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

ENGINE BRAKE, MACK POWERLEASH

FLYWHEEL HOUSING, ALUMINUM

FUEL HEATER, W/O FUEL HEATER

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

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

Prospective Customer Ref#: AFLZ000811C Page 2

Description

OIL PAN HEATER, W/O OIL PAN HEATER

RADIATOR, ALUMINUM CORE

STARTER, 12 VOLT GEAR REDUCTION STARTER

ELECTRONIC STARTER INTERLOCK

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

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD

TRANSMISSION BELL HOUSING, IRON

TRANS OIL COOLER (INTEGRAL OIL PUMP)

CHOOSE A NEUTRAL CONTROL

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

DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
CAB, LH-STEER CA68 CONV CAB
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
DOME LIGHT (4) LAMPS RH/LH DOME LAMPS-DOOR AND SWITCH ACTIVATED, (2) CAB REAR DOME
LAMPS-SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL
ENGINE SHUTOFF, KEY TYPE
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
GLASS - CAB WINDOW, SAFETY 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
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDDOG ROUTINE MAINTENANCE
MONITORING)
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

Prospective Customer Ref#: AFLZ000811C Page 3**Description**

compartment.
CHASSIS KEYPED AT RANDOM - 2 KEYS
OVERHEAD CONSOLE, (3) COMPARTMENT W/NET
AM/FM STEREO CD W/WEATHERBAND
RADIO ANTENNA, ROOF MOUNTED
DASHBOARD MOUNTING STRAP

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT WITH FIXED D-RING FOR
DRIVER AND RIDER SEATS
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER
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), FONTAINE SL3ASB
SERIES, CHOOSE A BRACKET HEIGHT 99.99"
5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES
TOWING DEVICE - FRONT, (2) CLEVIS
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

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R280
(ALL POSITION)

WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
HUBS - FRONT, ALUMINUM
BRAKES - FRONT, MERITOR "S" CAM TYPE 15" x 4" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - FRONT BRAKE, OMIT

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Description

FAG SCHAEFFLER, FRONT HUB OIL SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)
STEERING, THP60 TRW-PWR (INTEGRAL)
SYNTHETIC 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 R280
(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 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
HUBS - REAR, ALUMINUM
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, STEMCO (VOYAGER)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SPRING BRAKE CHAMBERS - VENDOR, HALDEX
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR

FRAME/WHEELBASE/PLATFORM

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
WHEELBASE, 166" (4210 mm) WB 78" CA (1987 mm)
PLATFORM, 117" LP (2967 mm) 39" AF (980 mm) USED WITH 166" WB

AIR/BRAKE

ABS/ATC DRIVER OPTION, FURNISH ATC MUD/SNOW SWITCH
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
W/O COLLISION WARNING SYSTEM
BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND
TRACTOR-TRAILER PARK
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)

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Description

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
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
SIGNAL FLASHER TYPE, TRANSISTORIZED TURN SIGNAL, ACD TRITON

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 OPTIONS
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, W/O PAINT FOR BUMPER (5ZB-Z1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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

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) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
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
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
PERIODIC TRIP DAY OF WEEK 0 (disable)
PERIODIC TRIP DAY OF MONTH 1
DAYTIME RUNNING LIGHTS W/O OVERRIDE SWITCH

Prospective Customer Ref#: AFLZ000811C Page 6

Description

DRL OVERRIDE SWITCH SPEED THRESHOLD (MPH) 00
DRL OVERRIDE SWITCH OFF TIME (MIN) 00 mph
CO-PILOT SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
DEL MESSAGES CO-PILOT ACTIVATION 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
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 TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100
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 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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Highway

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Description

MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE W/O Eaton Auto/Ultrashift Mode
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I3
Mack Model: CXU613

2011 CXU613
Ref#: AFLZ001111C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - CMM64T
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CXU603 6-WHEEL TRACTOR
FRONT AXLE BACK POSITION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP8-415C 415 HP @1500-1700 RPM (PEAK) 1660 LB FT. MAX TORQUE @ 1100-1300 RPM.

TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), FULLER FRO-16210B (11.06/0.75) 10 SPEED FULLER

CLUTCH, MANUAL ADJUSTING, CL798/7982 15.5" CERAMIC SPICER 9 SPRINGS, 4 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC PASSIVE REGEN
DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT
DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH
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 100A (24SI)
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES TO -34 DEGREES F (-37 DEGREES C)
MACK COOLANT CONDITIONER
ENGINE BRAKE, MACK POWERLEASH
FLYWHEEL HOUSING, ALUMINUM
FUEL HEATER, W/O FUEL HEATER
FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)
HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES

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Description

OIL PAN HEATER, W/O OIL PAN HEATER
RADIATOR, ALUMINUM CORE
STARTER, 12 VOLT GEAR REDUCTION STARTER
ELECTRONIC STARTER INTERLOCK
TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, IRON
TRANS OIL COOLER (INTEGRAL OIL PUMP)
CHOOSE A NEUTRAL CONTROL
VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE
DRIVELINE - MAIN, SPICER 1760HD W/COATED SPLINES

DRIVELINE - INTERAXLE, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
CAB, LH-STEER CA68 CONV CAB
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
DOME LIGHT (4) LAMPS RH/LH DOME LAMPS-DOOR AND SWITCH ACTIVATED, (2) CAB REAR DOME
LAMPS-SWITCH ACTIVATED
VISIBILITY DOOR
DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL
ENGINE SHUTOFF, KEY TYPE
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD, SIDE AND REAR WINDOWS
GRAB HANDLES, BLACK FINISH RH & LH BEHIND DOOR

CAB (H thru R)

HEADLINER, VINYL COVERED FOAM PADDED HEADLINER
OMIT STD HEATER
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDOG ROUTINE MAINTENANCE
MONITORING)
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

Prospective Customer Ref#: AFLZ001111C Page 3

Description

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 STEREO CD W/WEATHERBAND
RADIO ANTENNA, ROOF 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 BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT WITH FIXED D-RING FOR
DRIVER AND RIDER SEATS
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER
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), FONTAINE SL3ASB
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, 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

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R280
(ALL POSITION)

WHEELS - FRONT, ALUMINUM DISC

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

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

Prospective Customer Ref#: AFLZ001111C Page 4

Description

HUBS - FRONT, ALUMINUM

BRAKES - FRONT, MERITOR "S" CAM TYPE 15" x 4" Q+

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

BRAKE LINING, ABEX 931-162 (MERITOR R301)

DUST SHIELDS - FRONT BRAKE, OMIT

FAG SCHAEFFLER, FRONT HUB OIL SEAL

DOUBLE ACTING TYPE

SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC

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

STEERING, TAS-65 TRW INTEGRAL POWER

SYNTHETIC LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR RT40-145 (SINGLE REDUCTION) W/PDLO,

RT40-145 WITH MAXLITE 40 EZ (GEN 2) 40000#

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 295/75R22.5 14 G R280
(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 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)

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

HUBS - REAR, ALUMINUM

BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+

BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

BRAKE LINING, ABEX 931-162 (MERITOR R301)

DUST SHIELDS - REAR BRAKE, OMIT

OIL SEALS, STEMCO (VOYAGER)

POWER DIVIDER LOCKOUT

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

SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC

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

SUSPENSION - HEIGHT CONTROL KIT, MACK

SPRING BRAKE CHAMBERS - VENDOR, HALDEX

SPRING BRAKE CHAMBERS, TYPE 30/30 REAR

LUBRICANT - TANDEM REAR AXLE, FACTORY OPTION REAR AXLE LUBRICANT

TRANSVERSE TORQUE RODS (BOTH AXLES)

FRAME/WHEELBASE/PLATFORM

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

WHEELBASE, 162" (4110 mm) WB 96" CA (2447 mm)

PLATFORM, 153" LP (3877 mm) 56" AF (1430 mm) USED WITH 162" WB

AIR/BRAKE

ABS/ATC DRIVER OPTION, FURNISH ATC MUD/SNOW SWITCH

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

Prospective Customer Ref#: AFLZ001111C Page 5

Description

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

W/O COLLISION WARNING SYSTEM

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

TRACTOR-TRAILER PARK

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
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
SIGNAL FLASHER TYPE, TRANSISTORIZED TURN SIGNAL, ACD TRITON

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 OPTIONS
WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, W/O PAINT FOR BUMPER (5ZB-Z1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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

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

Prospective Customer Ref#: AFLZ001111C Page 6

Description

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
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
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
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 SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
DEL MESSAGES CO-PILOT ACTIVATION 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
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 TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100
ENGINE LOW IDLE SET SPEED (RPM) 650 rpm
DRIVER LOW IDLE ADJUST FEATURE ACTIVATION Omit
SMART IDLE FEATURE ACTIVATION Omit

Prospective Customer Ref#: AFLZ001111C Page 7

Description

SMART IDLE ELEVATED IDLE RPM TIME (MINS) 10
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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Highway
MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE W/O Eaton Auto/Ultrashift Mode
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I4
Mack Model: CHU613

2011 CHU613
Ref#: AFLZ000911C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - CMM64T
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS/FRT AXLE POS/SALES PACKAGES

CHASSIS (BASE MODEL), CHU603 6-WHEEL TRACTOR
FRONT AXLE FORWARD POSITION

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP8-415C 415 HP @ 1500-1700 RPM (PEAK) 1660 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 10 SPEED MANUAL (OVERDRIVE), FULLER FRO-16210B (11.06/0.75)
CLUTCH, MANUAL ADJUSTING, CL798/7982 15.5" CERAMIC SPICER 9 SPRINGS, 4 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME
MTD RH SIDE
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM CERAMIC PASSIVE
REGEN

DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT
DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH
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 100A (24SI)
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE W/KALAS CABLES
TO -34 DEGREES F (-37 DEGREES C)
MACK COOLANT CONDITIONER
ENGINE BRAKE, MACK POWERLEASH
FLYWHEEL HOUSING, ALUMINUM
FUEL HEATER, W/O FUEL HEATER
FUEL-WATER SEPARATOR, MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)
HOSES - RADIATOR/HEATER, MACK BRAND EPDM RADIATOR & HEATER HOSES
OIL PAN HEATER, W/O OIL PAN HEATER

Prospective Customer Ref#: AFLZ000911C Page 2

Description

RADIATOR, ALUMINUM CORE
STARTER, 12 VOLT GEAR REDUCTION STARTER
ELECTRONIC STARTER INTERLOCK
TETHER DEVICE, FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, IRON
TRANS OIL COOLER (INTEGRAL OIL PUMP)
CHOOSE A NEUTRAL CONTROL
VOCATIONAL PACKAGE - ALLISON, W/O OPTIONAL ELECTRONIC TRANS PACKAGE
DRIVELINE - MAIN, MERITOR 176N W/COATED SPLINES
DRIVELINE - INTERAXLE, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONDITIONER UNIT) W/R134a REFRIGERANT
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
CAB, LH-STEER CA68 CONV CAB
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
DOME LIGHT (4) LAMPS RH/LH DOME LAMPS-DOOR AND SWITCH ACTIVATED, (2) CAB REAR DOME
LAMPS-SWITCH ACTIVATED
DOOR INTERIOR TRIM PANELS, MOLDED UPPER DOOR PANEL & PADDED LOWER PANEL
ENGINE SHUTOFF, KEY TYPE
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGES, ENGLISH/METRIC DISPLAY
GEAR SHIFT, W/O OPTIONAL GEAR SHIFTER
GLASS - CAB WINDOW, SAFETY 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
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDDOG ROUTINE MAINTENANCE
MONITORING)
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

Prospective Customer Ref#: AFLZ000911C Page 3**Description**

compartment.
CHASSIS KEYPED AT RANDOM - 2 KEYS
OVERHEAD CONSOLE, (3) COMPARTMENT W/NET
AM/FM STEREO CD W/WEATHERBAND
RADIO ANTENNA, ROOF MOUNTED
DASHBOARD MOUNTING STRAP

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION
SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT WITH FIXED D-RING FOR
DRIVER AND RIDER SEATS
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL) WITH TICKET HOLDER
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), FONTAINE SL3ASB
SERIES, CHOOSE A BRACKET HEIGHT 99.99"
5TH WHEEL MOUNTING ANGLES, OUTBOARD MOUNTED ANGLES WITH MOUNTING HOLES
TOWING DEVICE - FRONT, (2) CLEVIS
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

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 295/75R22.5 14 G R280
(ALL POSITION)

WHEELS - FRONT, ALUMINUM DISC
(2) 22.5x8.25 ALCOA 10-HOLE HUB PILOTED
WHEELS - POLISHED (FRONT), MACHINE CLEAN BUFFED-ALL WHEELS
HUBS - FRONT, ALUMINUM
BRAKES - FRONT, MERITOR "S" CAM TYPE 15" x 4" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - FRONT BRAKE, OMIT

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Description

FAG SCHAEFFLER, FRONT HUB OIL SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2 LEAF SPRING)
STEERING, THP60 TRW-PWR (INTEGRAL)
SYNTHETIC LUBRICANT - WHL BEARINGS, FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 40000# (18144kg) MERITOR RT40-145 (SINGLE REDUCTION) W/PDLO,
RT40-145 WITH MAXLITE 40 EZ (GEN 2) 40000#
TIRES BRAND/TYPER - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 295/75R22.5 14 G R280
(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 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE)
WHEELS - POLISHED (REAR), MACHINE CLEAN BUFFED - ALL WHEELS
HUBS - REAR, ALUMINUM
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, STEMCO (VOYAGER)
POWER DIVIDER LOCKOUT
SHOCK ABSORBERS - (4), MOUNTED ON FORWARD AND REAR AXLES EACH SIDE
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SUSPENSION - AXLE SPACING, 52" AXLE SPACING (BOGIE WHEELBASE)
SUSPENSION - HEIGHT CONTROL KIT, MACK
SPRING BRAKE CHAMBERS - VENDOR, HALDEX
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
TRANSVERSE TORQUE RODS (BOTH AXLES)

FRAME/WHEELBASE/PLATFORM

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
WHEELBASE, 178" (4520 mm) WB 90" CA (2297 mm)
PLATFORM, 147" LP (3727 mm) 56" AF (1430 mm) USED WITH 178" WB

AIR/BRAKE

ABS/ATC DRIVER OPTION, FURNISH ATC MUD/SNOW SWITCH
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
W/O COLLISION WARNING SYSTEM
BRAKE CONTROL VALVE SYSTEM, TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND
TRACTOR-TRAILER PARK
HAND CONTROL VALVE FOR TRAILER BRAKES

Prospective Customer Ref#: AFLZ000911C Page 5

Description

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, STEEL BASE FORWARD OF LH FUEL TANK
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
SIGNAL FLASHER TYPE, TRANSISTORIZED TURN SIGNAL, ACD TRITON

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 OPTIONS

WITHOUT SPECIAL PRE-FINISHED OPTIONS

PAINT PROCESS CODES

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

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

PAINT PROCESS - FUEL TANK, 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

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) 3 mph

DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)

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

Prospective Customer Ref#: AFLZ000911C Page 6

Description

PERIODIC TRIP TYPE Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY Midnight

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 SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)

CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level

FLEET MANAGEMENT VIA CO-PILOT Omit

DEL MESSAGES CO-PILOT ACTIVATION 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

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 TYPE Min-Max Governor

ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100

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 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

Prospective Customer Ref#: AFLZ000911C Page 7

Description

IDLE S/D OVERRIDE W/EHT Omit
IDLE S/D OVERRIDE W/PTO Furnish
IDLE S/D OVERRIDE W/ENGINE LOAD Furnish
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Highway
MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE W/O Eaton Auto/Ultrashift Mode
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION
ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I5
Mack Model: GU712

2011 GU712
Ref#: AFLZ001211C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - CML42R
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS

CHASSIS (BASE MODEL), GU702 4-WHEEL TRUCK

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @ 1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 8 SPEED MANUAL, MACK TM308 (17.77/0.71)

CLUTCH, MANUAL ADJUSTING, CL7981/CL7983 15.5" CERAMIC SPICER 9 SPRINGS, 6 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME
MTD RH SIDE

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

DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

EXHAUST, 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

AIR GOVERNOR

ALTERNATOR, DELCO 12V 100A (24SI)

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

FLYWHEEL HOUSING, LIGHT WEIGHT, ALUMINUM

Prospective Customer Ref#: AFLZ001211C Page 2

Description

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

HAND PRIMER PUMP

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

RADIATOR, ALUMINUM CORE

STARTER, 12 VOLT GEAR REDUCTION STARTER

ELECTRONIC STARTER INTERLOCK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD

TRANSMISSION BELL HOUSING, ALUMINUM

CHOOSE A NEUTRAL CONTROL

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND
CONDITIONER
AIR CONDITIONING COMPRESSOR, ROTARY FREON
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
CAB, LH-DRIVE CA68 CONV CAB
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
ENGINE SHUTOFF, KEY TYPE
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGE, ENGINE OIL TEMPERATURE
GAUGES, ENGLISH/METRIC DISPLAY
GAUGE, SPEEDOMETER W/TRIP ODOMETER (ELECTRONIC 1% ACCURACY)
ENGINE TACHOMETER
GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD, SIDE AND REAR WINDOWS
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HOOD INSULATION
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDDOG ROUTINE MAINTENANCE
MONITORING)
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 3 overhead storage

Prospective Customer Ref#: AFLZ001211C Page 3

Description

compartments w/nets, 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
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
POWER OUTLETS, (2) 12-VOLT AUXILIARY POWER OUTLETS - DASH MOUNTED
AM/FM STEREO CD W/WEATHERBAND
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 ARM RESTS,
SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)

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 OPTIMAL 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
11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R250F (STEER)
WHEELS - FRONT, STEEL DISC (10-HOLE)
(2) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC) (TWO HAND HOLE)
WHEELS - POLISHED (FRONT), W/O FRONT DISC WHEEL BRIGHT FINISH
HUBS - FRONT, FERROUS

Prospective Customer Ref#: AFLZ001211C Page 4**Description**

BRAKES - FRONT, MERITOR "S" CAM TYPE 16.5" x 5" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - FRONT BRAKE, OMIT
FAG SCHAEFFLER, FRONT HUB OIL SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - 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 R250F (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRD151 (FOR RA23R AXLE), 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, STEEL DISC (10 HOLE)
(4) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC)(TWO HAND HOLE)
WHEELS - POLISHED (REAR), W/O REAR DISC WHEEL BRIGHT FINISH
HUBS - REAR, FERROUS
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, CHICAGO RAWHIDE (SCOTSEAL)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SUSPENSION - REAR, 23000# MULTILEAF NO ANTI-SWAY
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

FRAME/WHEELBASE/PLATFORM

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
WHEELBASE, 180" (4572 mm) WB 92" CA (2336 mm)
PLATFORM, 154" LP (3911 mm) 62" AF (1580 mm) USED WITH 180" WB
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
(1) LH UNDER BATTERIES, (2) RH BEHIND TIRE
ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM

Prospective Customer Ref#: AFLZ001211C Page 5**Description**

MANUAL DRAIN VALVE LANYARD, W/O LANYARD

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(ES), STEEL
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND UNDER CAB

ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
"BODY LINK" II W/CAB FLOOR PASS THRU HOLE/RUBBER BOOT
SIGNAL FLASHER TYPE, TRANSISTORIZED FLASHER FOR TURN SIGNAL

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
FRONT WHEELS PRE-FINISHED WHITE
REAR WHEELS PRE-FINISHED WHITE

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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

V-MAC IV PROGRAMMABLE PARAMETERS

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) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
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

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Description

IDLE LOGGING DELAY (MIN) 2
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
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 SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
DEL MESSAGES CO-PILOT ACTIVATION 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
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 TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100
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 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

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Description

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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Vocational
MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE Omit
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I6
Mack Model: GU713

2011 GU713
Ref#: AFLZ001311C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - CML64R
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS

CHASSIS (BASE MODEL), GU703 6-WHEEL TRUCK

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 8 SPEED MANUAL, MACK TM308 (17.77/0.71)

CLUTCH, MANUAL ADJUSTING, CL7981/CL7983 15.5" CERAMIC SPICER 9 SPRINGS, 6 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

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

DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

EXHAUST, 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

AIR GOVERNOR

ALTERNATOR, DELCO 12V 100A (24SI)

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

Prospective Customer Ref#: AFLZ001311C Page 2

Description

FLYWHEEL HOUSING, LIGHT WEIGHT, ALUMINUM

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

HAND PRIMER PUMP

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

RADIATOR, ALUMINUM CORE

STARTER, 12 VOLT GEAR REDUCTION STARTER

ELECTRONIC STARTER INTERLOCK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD

TRANSMISSION BELL HOUSING, ALUMINUM

CHOOSE A NEUTRAL CONTROL
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING
DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES
DRIVELINE - INTERAXLE, MERITOR 17N HD W/COATED SPLINES
CAB (A thru G)
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND
CONDITIONER
AIR CONDITIONING COMPRESSOR, ROTARY FREON
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
CAB, LH-DRIVE CA68 CONV CAB
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
ENGINE SHUTOFF, KEY TYPE
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGE, ENGINE OIL TEMPERATURE
GAUGES, ENGLISH/METRIC DISPLAY
GAUGE, SPEEDOMETER W/TRIP ODOMETER (ELECTRONIC 1% ACCURACY)
ENGINE TACHOMETER
GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD, SIDE AND REAR WINDOWS
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY
CAB (H thru R)
HOOD INSULATION
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDOG ROUTINE MAINTENANCE

Prospective Customer Ref#: AFLZ001311C Page 3

Description

MONITORING)
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 3 overhead storage
compartments w/nets, 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
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
POWER OUTLETS, (2) 12-VOLT AUXILIARY POWER OUTLETS - DASH MOUNTED
AM/FM STEREO CD W/WEATHERBAND
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 ARM RESTS,
SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
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 OPTIMAL 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
11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION
FRONT AXLE/EQUIPMENT/TIRES
FRONT AXLE, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R250F
(STEER)
WHEELS - FRONT, STEEL DISC (10-HOLE)

Prospective Customer Ref#: AFLZ001311C Page 4

Description

(2) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC) (TWO HAND HOLE)
WHEELS - POLISHED (FRONT), W/O FRONT DISC WHEEL BRIGHT FINISH
HUBS - FRONT, FERROUS
BRAKES - FRONT, MERITOR "S" CAM TYPE 16.5" x 5" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - FRONT BRAKE, OMIT
FAG SCHAEFFLER, FRONT HUB OIL SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - 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 FABRICATED STEEL HOUSING, SS38 MACK
MULTILEAF (CAMELBACK) 38000# CAPACITY
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R250F (ALL
POSITION)
CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, STEEL DISC (10 HOLE)
(8) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC)(TWO HAND
HOLE)
HUBS - REAR, FERROUS
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, CHICAGO RAWHIDE (SCOTSEAL)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SPRINGS, ANTI-SWAY
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
URETHANE TRUNNION BUSHING
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

FRAME/WHEELBASE/PLATFORM

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
WHEELBASE, 210" (5345 mm) WB 123" CA (3122 mm)
PLATFORM, 185" LP (4702 mm) 62" AF (1580 mm) USED WITH 210" WB
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
(1) LH UNDER BATTERIES, (2) RH BEHIND TIRE

Prospective Customer Ref#: AFLZ001311C Page 5

Description

ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
MANUAL DRAIN VALVE LANYARD, W/O LANYARD

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(ES), STEEL
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND UNDER CAB
ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
"BODY LINK" II W/CAB FLOOR PASS THRU HOLE/RUBBER BOOT
SIGNAL FLASHER TYPE, TRANSISTORIZED FLASHER FOR TURN SIGNAL

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
FRONT WHEELS PRE-FINISHED WHITE
REAR WHEELS PRE-FINISHED WHITE

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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

V-MAC IV PROGRAMMABLE PARAMETERS

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) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm
FUELED ENGINE OVERSPEED COMPANY LIMIT (RPM) 2100 rpm

Prospective Customer Ref#: AFLZ001311C Page 6

Description

VEHICLE OVERSPEED COMPANY LIMIT (MPH) 75 mph
FUELED VEHICLE OVERSPEED COMPANY LIMIT (MPH) 70 mph
IDLE LOGGING DELAY (MIN) 2
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
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 SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
DEL MESSAGES CO-PILOT ACTIVATION 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
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 TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100
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 COOLDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN FEATURE ACTIVATION Omit
IDLE SHUTDOWN TIME (MINS) 10

Prospective Customer Ref#: AFLZ001311C Page 7

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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Vocational
MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE W/O Eaton Auto/Ultrashift Mode
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I7
Mack Model: GU812

2011 GU812
Ref#: AFLZ001411C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - CML42R
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS

CHASSIS (BASE MODEL), GU802 4-WHEEL TRUCK

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @ 1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 8 SPEED MANUAL, MACK TM308 (17.77/0.71)

CLUTCH, MANUAL ADJUSTING, CL7981/CL7983 15.5" CERAMIC SPICER 9 SPRINGS, 6 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME
MTD RH SIDE

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

DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

EXHAUST, 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

AIR GOVERNOR

ALTERNATOR, DELCO 12V 100A (24SI)

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

FLYWHEEL HOUSING, LIGHT WEIGHT, ALUMINUM

Prospective Customer Ref#: AFLZ001411C Page 2

Description

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

HAND PRIMER PUMP

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

RADIATOR, ALUMINUM CORE

STARTER, 12 VOLT GEAR REDUCTION STARTER

ELECTRONIC STARTER INTERLOCK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD

TRANSMISSION BELL HOUSING, ALUMINUM

CHOOSE A NEUTRAL CONTROL

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND
CONDITIONER
AIR CONDITIONING COMPRESSOR, ROTARY FREON
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
CAB, LH-DRIVE CA68 CONV CAB
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
ENGINE SHUTOFF, KEY TYPE
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGE, ENGINE OIL TEMPERATURE
GAUGES, ENGLISH/METRIC DISPLAY
GAUGE, SPEEDOMETER W/TRIP ODOMETER (ELECTRONIC 1% ACCURACY)
ENGINE TACHOMETER
GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD, SIDE AND REAR WINDOWS
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY

CAB (H thru R)

HOOD INSULATION
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDDOG ROUTINE MAINTENANCE
MONITORING)
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 3 overhead storage

Prospective Customer Ref#: AFLZ001411C Page 3

Description

compartments w/nets, 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
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
POWER OUTLETS, (2) 12-VOLT AUXILIARY POWER OUTLETS - DASH MOUNTED
AM/FM STEREO CD W/WEATHERBAND
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 ARM RESTS,
SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)

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 OPTIMAL 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
11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION

FRONT AXLE/EQUIPMENT/TIRES

FRONT AXLE, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R250F (STEER)
WHEELS - FRONT, STEEL DISC (10-HOLE)
(2) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC) (TWO HAND HOLE)
WHEELS - POLISHED (FRONT), W/O FRONT DISC WHEEL BRIGHT FINISH
HUBS - FRONT, FERROUS

Prospective Customer Ref#: AFLZ001411C Page 4**Description**

BRAKES - FRONT, MERITOR "S" CAM TYPE 16.5" x 5" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - FRONT BRAKE, OMIT
FAG SCHAEFFLER, FRONT HUB OIL SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)
STEERING, TAS-66 TRW-POWER (INTEGRAL)

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 R250F (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRD151 (FOR RA23R AXLE), 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, STEEL DISC (10 HOLE)
(4) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC)(TWO HAND HOLE)
WHEELS - POLISHED (REAR), W/O REAR DISC WHEEL BRIGHT FINISH
HUBS - REAR, FERROUS
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, CHICAGO RAWHIDE (SCOTSEAL)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SUSPENSION - REAR, 23000# MULTILEAF NO ANTI-SWAY
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

FRAME/WHEELBASE/PLATFORM

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
WHEELBASE, 159" (4038 mm) WB 93" CA (2362 mm)
PLATFORM, 156" LP (3962 mm) 62" AF (1580 mm) USED WITH 159" WB
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT

AIR/BRAKE

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
(1) LH UNDER BATTERIES, (2) RH BEHIND TIRE
ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM

Prospective Customer Ref#: AFLZ001411C Page 5**Description**

MANUAL DRAIN VALVE LANYARD, W/O LANYARD

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(ES), STEEL
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND BEHIND SCR

ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
"BODY LINK" II W/CAB FLOOR PASS THRU HOLE/RUBBER BOOT
SIGNAL FLASHER TYPE, TRANSISTORIZED FLASHER FOR TURN SIGNAL

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
FRONT WHEELS PRE-FINISHED WHITE
REAR WHEELS PRE-FINISHED WHITE

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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

V-MAC IV PROGRAMMABLE PARAMETERS

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) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
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

Prospective Customer Ref#: AFLZ001411C Page 6

Description

IDLE LOGGING DELAY (MIN) 2
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
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 SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
DEL MESSAGES CO-PILOT ACTIVATION 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
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 TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100
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 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

Prospective Customer Ref#: AFLZ001411C Page 7

Description

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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Vocational
MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE Omit
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I8
Mack Model: GU813

2011 GU813
Ref#: AFLZ001511C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - CML64R
PRODUCT CLASS, PRODUCT CLASS 28
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS

CHASSIS (BASE MODEL), GU803 6-WHEEL TRUCK

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @ 1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1300 RPM

TRANSMISSION, 8 SPEED MANUAL, MACK TM308 (17.77/0.71)

CLUTCH, MANUAL ADJUSTING, CL7981/CL7983 15.5" CERAMIC SPICER 9 SPRINGS, 6 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER RH SIDE UNDER CAB W/SCR FRAME MTD RH SIDE

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

DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT

DPF SMART SWITCH, NO INHIBIT DPF REGENERATION SWITCH

EXHAUST, 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

AIR GOVERNOR

ALTERNATOR, DELCO 12V 100A (24SI)

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

Prospective Customer Ref#: AFLZ001511C Page 2

Description

FLYWHEEL HOUSING, LIGHT WEIGHT, ALUMINUM

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

HAND PRIMER PUMP

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

RADIATOR, ALUMINUM CORE

STARTER, 12 VOLT GEAR REDUCTION STARTER

ELECTRONIC STARTER INTERLOCK

TRANSMISSION EQUIPMENT/DRIVELINES

CLUTCH ASSIST (AIR), MECHANICAL CABLE

CLUTCH PEDAL, W/O CLUTCH PEDAL

TRANSMISSION BELL HOUSING, ALUMINUM

CHOOSE A NEUTRAL CONTROL
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING
DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES
DRIVELINE - INTERAXLE, MERITOR 17N HD W/COATED SPLINES
CAB (A thru G)
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION HEATER/DEFROSTER AND
CONDITIONER
AIR CONDITIONING COMPRESSOR, ROTARY FREON
AIR RESTRICTION MONITOR (INTAKE), W/O AIR RESTRICTION MONITOR
CAB, LH-DRIVE CA68 CONV CAB
CAB MOUNTING, AIR SUSPENSION
CERTIFIED WEIGHT
PARK BRAKE AND ENGINE RUNNING ACTIVATED
DOOR INTERIOR TRIM PANELS, PADDED VINYL WITH ARM REST PADS
ENGINE SHUTOFF, KEY TYPE
FENDER EXTENSIONS, FENDER EXTENSIONS
GAUGE CLUSTER, EXHAUST PYROMETER AND TRANSMISSION OIL TEMPERATURE GAUGES
GAUGE, ENGINE OIL TEMPERATURE
GAUGES, ENGLISH/METRIC DISPLAY
GAUGE, SPEEDOMETER W/TRIP ODOMETER (ELECTRONIC 1% ACCURACY)
ENGINE TACHOMETER
GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD, SIDE AND REAR WINDOWS
GRILLE - HOOD AIR INTAKE, GRILLE PAINTED GRAY
CAB (H thru R)
HOOD INSULATION
PAINTED HOOD LATCHES
HORN - AIR, (1) MACK RECTANGULAR SINGLE TRUMPET
HORN - ELECTRIC, SINGLE TONE
IDENTIFICATION/CLEARANCE LIGHTS, (5) MARKER AND CLEARANCE
IN-DASH STORAGE, MEMO AREA AND CLIP
INSTRUMENT CLUSTER DISPLAY, CO-PILOT DRIVER DISPLAY (ENHANCED 4.5" DIAGONAL GRAPHIC
LCD DISPLAY W/4-BUTTON STALK CONTROL) (INCLUDES GUARDOG ROUTINE MAINTENANCE

Prospective Customer Ref#: AFLZ001511C Page 3

Description

MONITORING)
INTERIOR TRIM (PUREBRED - SANDSTONE) Vinyl headliner & seat covering, 3 overhead storage
compartments w/nets, 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
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
POWER OUTLETS, (2) 12-VOLT AUXILIARY POWER OUTLETS - DASH MOUNTED
AM/FM STEREO CD W/WEATHERBAND
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 ARM RESTS,
SEAT BELTS, LAP AND SHOULDER W/CAB MOUNTED SHOULDER BELT
W/O ROOF VENT VENTILATION
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
STORAGE POUCH REAR
SUN VISOR - INTERIOR, BOTH SIDES (PADDED VINYL)
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), STEEL SINGLE CHANNEL (1) W/AF of 71" 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
11.8 GALLON (45 L) 22" DIAMETER TANK LEFT SIDE FRAME MTD
PAINTED FINISH DEF TANK COVER
W/O FUEL LINE OPTION
FRONT AXLE/EQUIPMENT/TIRES
FRONT AXLE, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R250F
(STEER)
WHEELS - FRONT, STEEL DISC (10-HOLE)

Prospective Customer Ref#: AFLZ001511C Page 4

Description

(2) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC) (TWO HAND HOLE)
WHEELS - POLISHED (FRONT), W/O FRONT DISC WHEEL BRIGHT FINISH
HUBS - FRONT, FERROUS
BRAKES - FRONT, MERITOR "S" CAM TYPE 16.5" x 5" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - FRONT BRAKE, OMIT
FAG SCHAEFFLER, FRONT HUB OIL SEAL
SHOCK ABSORBERS, FRONT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC
SPRINGS - FRONT, MACK TAPERLEAF 12000# (5443kg) GROUND LOAD RATING (2-LEAF SPRING)
STEERING, TAS-66 TRW-POWER (INTEGRAL)
REAR AXLE/EQUIPMENT/TIRES/RATIOS
REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R FABRICATED STEEL HOUSING, SS38 MACK
MULTILEAF (CAMELBACK) 38000# CAPACITY
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R250F (ALL
POSITION)
CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, STEEL DISC (10 HOLE)
(8) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC)(TWO HAND
HOLE)
HUBS - REAR, FERROUS
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
BRAKE LINING, ABEX 931-162 (MERITOR R301)
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, CHICAGO RAWHIDE (SCOTSEAL)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SPRINGS, ANTI-SWAY
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
URETHANE TRUNNION BUSHING
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM
FRAME/WHEELBASE/PLATFORM
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
WHEELBASE, 192" (4885 mm) WB 127" CA (3222 mm)
PLATFORM, 201" LP (5102 mm) 74" AF (1880 mm) USED WITH 192" WB
FRAME REINFORCEMENT - INSIDE, W/O 5MM INSIDE CHANNEL REINFORCEMENT
AIR/BRAKE
AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1200 W/COALESCING OIL FILTER
(1) LH UNDER BATTERIES, (2) RH BEHIND TIRE

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Description

ANTI-LOCK BRAKE SYSTEM, BENDIX WITHOUT TRACTION CONTROL
BRAKE CONTROL VALVE SYSTEM, SINGLE VALVE SYSTEM
MANUAL DRAIN VALVE LANYARD, W/O LANYARD
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(ES), STEEL
BATTERY BOX COVERS, MOLDED PLASTIC
BATTERY BOX - MOUNTING, RIGHT HAND BEHIND SCR
ELECTRIC CIRCUIT PROTECTION PACKAGE, ALL CIRCUITS FUSE/BREAKER PROTECTED
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
"BODY LINK" II W/CAB FLOOR PASS THRU HOLE/RUBBER BOOT
SIGNAL FLASHER TYPE, TRANSISTORIZED FLASHER FOR TURN SIGNAL

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
FRONT WHEELS PRE-FINISHED WHITE
REAR WHEELS PRE-FINISHED WHITE

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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

V-MAC IV PROGRAMMABLE PARAMETERS

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) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
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
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
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 SETTINGS FOR INSTRUMENT CLUSTER DISPLAY (C0J 0002)
CO-PILOT FLEET TRIP PROGRAMMING ACCESS Fleet Level
FLEET MANAGEMENT VIA CO-PILOT Omit
DEL MESSAGES CO-PILOT ACTIVATION 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
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 TYPE Min-Max Governor
ENGINE HIGH IDLE SPEED IN UPPER GEARS 2100
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 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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Vocational
MAINTENANCE DUE WARNING PERCENT 90
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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
TRANSMISSION SETTINGS, TRANSMISSION SETTINGS FOR USE W/O EATON AUTO/ULTRASHIFT
EATON AUTOSHIFT/ULTRASHIFT SHIFT MODE Omit
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I9
Mack Model: MRU612

2011 MRU612
Ref#: AFLZ001711C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - OM42R
PRODUCT CLASS, PRODUCT CLASS 29
BACK OFFICE PROCESS, BACK OFFICE PROCESS

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 @ 1100-1300 RPM

TRANSMISSION, 8 SPEED MANUAL, MACK TM308 (17.77/0.71)
CLUTCH, MANUAL ADJUSTING, CL7981/CL7983 15.5" CERAMIC SPICER 9 SPRINGS, 6 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER VERTICAL LH SIDE BACK OF CAB
W/SCR VERT RH SIDE BOC
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC
FILTER CERAMIC ACTIVE REGEN
DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT
DPF SMART SWITCH, LOCKING 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)
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE
TO -34 DEGREES F (-37 DEGREES C)
MACK COOLANT CONDITIONER

Prospective Customer Ref#: AFLZ001711C Page 2

Description

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)
STARTER, 12 VOLT GEAR REDUCTION STARTER
ELECTRONIC STARTER INTERLOCK

CLUTCH/TRANS EQUIPMENT/DRIVELINES

CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, ALUMINUM
CHOOSE A NEUTRAL CONTROL
DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

AIR CONDITIONING, OMIT AIR CONDITIONER
CAB, 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
ENGINE SHUTOFF, KEY TYPE
FENDERS, POLYUREA FOR CHASSIS AND CAB SECTIONS
GAUGES, ENGLISH DISPLAY
GAUGE, SPEEDOMETER W/TRIP ODOMETER (ELECTRONIC 1% ACCURACY)
GAUGE, TACHOMETER
TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT
GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD SIDE AND REAR WINDOWS
GRILLE, STANDARD FINISH

CAB (H thru R)

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 W/WEATHERBAND
RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 905 (MID-BACK) AIR SUSPENSION
SEAT BELTS, LAP AND SHOULDER W/LOCKING SEAT BELT RETRACTORS & "KOMFORT LATCH" FOR
DRIVER AND RIDER SEATS
DRIVER'S AND RIDER'S SEAT
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
TURN SIGNAL SWITCH, MANUAL CANCELING SWITCH
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")

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Description

CROSSMEMBERS, STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL,
CROSSMEMBER (BEHIND REAR AXLE), WEB CHANNEL TYPE
TOWING DEVICE - FRONT, TOW PIN
FUEL TANK - RH, 70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR
6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD
FUEL LINES, 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, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R250F
(STEER)
WHEELS - FRONT, STEEL DISC (10-HOLE)
(2) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC) (TWO HAND HOLE)
WHEELS - POLISHED (FRONT), W/O FRONT DISC WHEEL BRIGHT FINISH
HUBS - FRONT, FERROUS
BRAKES - FRONT, MERITOR "S" CAM TYPE 16.5" x 5" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC
SPRINGS - FRONT, MACK MULTILEAF 12000# (5443kg) GROUND LOAD RATING
STEERING, 392S SHEPPARD INTEGRAL POWER (16.6:1 RATIO)

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 R250F (ALL
POSITION)
CARRIER/RATIO - REAR AXLE, CRD151 (FOR RA23R AXLE), 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, STEEL DISC (10 HOLE)
(4) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC)(TWO HAND
HOLE)
WHEELS - POLISHED (REAR), W/O REAR DISC WHEEL BRIGHT FINISH
HUBS - REAR, FERROUS

BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, STEMCO (VOYAGER)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SUSPENSION - REAR, 23000# MULTILEAF SPRINGS
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR

AIR/BRAKE

Prospective Customer Ref#: AFLZ001711C Page 4

Description

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1800 W/COALESCING OIL FILTER
ANTI-LOCK BRAKE SYSTEM, BENDIX ABS

ELECTRICAL

BATTERY BOX(ES), STEEL BASE
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
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
"BODY LINK" II W/CAB PASS THRU HOLE/RUBBER BOOT
HEADLIGHTS, (2) SINGLE ROUND HALOGEN LAMPS
REAR LIGHTING, FURNISH STANDARD TAIL-LIGHTS
SIGNAL FLASHER TYPE, TRANSISTORIZED TURN SIGNAL, ACD TRITON

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
FRONT WHEELS PRE-FINISHED WHITE
REAR WHEELS PRE-FINISHED WHITE

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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 TORQUE CONVERTER OPTION

V-MAC IV PROGRAMMABLE PARAMETERS

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) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
ENGINE OVERSPEED COMPANY LIMIT (RPM) 2200 rpm

Prospective Customer Ref#: AFLZ001711C Page 5

Description List Price

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
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
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
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 IN UPPER GEARS 2100
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 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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Vocational
MAINTENANCE DUE WARNING PERCENT 90
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

Prospective Customer Ref#: AFLZ001711C Page 6

Description

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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLs FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I10
Mack Model: MRU613

2011 MRU613
Ref#: AFLZ001811C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - OM64R
PRODUCT CLASS, PRODUCT CLASS 29
BACK OFFICE PROCESS, BACK OFFICE PROCESS

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 @ 1100-1300 RPM
TRANSMISSION, 8 SPEED MANUAL, MACK TM308 (17.77/0.71)
CLUTCH, MANUAL ADJUSTING, CL7981/CL7983 15.5" CERAMIC SPICER 9 SPRINGS, 6 PADDLES

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH SIDE BOC
EXHAUST AFTER-TREATMENT SYSTEM, EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC ACTIVE REGEN
DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT
DPF SMART SWITCH, LOCKING 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)
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE

Prospective Customer Ref#: AFLZ001811C Page 2

Description

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)
STARTER, 12 VOLT GEAR REDUCTION STARTER
ELECTRONIC STARTER INTERLOCK
CLUTCH/TRANS EQUIPMENT/DRIVELINES
CLUTCH PEDAL, CLUTCH PEDAL RUBBER PAD
TRANSMISSION BELL HOUSING, ALUMINUM
CHOOSE A NEUTRAL CONTROL

DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES
DRIVELINE - INTERAXLE, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

AIR CONDITIONING, OMIT AIR CONDITIONER
CAB, 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
ENGINE SHUTOFF, KEY TYPE
FENDERS, POLYUREA FOR CHASSIS AND CAB SECTIONS
GAUGES, ENGLISH DISPLAY
GAUGE, SPEEDOMETER W/TRIP ODOMETER (ELECTRONIC 1% ACCURACY)
GAUGE, TACHOMETER
TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT
GLASS - CAB WINDOW, SAFETY TINTED WINDSHIELD SIDE AND REAR WINDOWS
GRILLE, STANDARD FINISH

CAB (H thru R)

HORN - AIR, (1) TWIN TRUMPET (MOUNTED UNDER CAB)
CHASSIS KEYPED AT RANDOM - 2 KEYS
FORWARD OVERHEAD STORAGE, (2) RADIO SHELF, DRIVER SIDE
AM/FM STEREO CD W/WEATHERBAND
RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE

CAB (S thru Z)

SEAT - DRIVER, BOSTROM TALLADEGA 905 (MID-BACK) AIR SUSPENSION
SEAT BELTS, LAP AND SHOULDER W/LOCKING SEAT BELT RETRACTORS & "KOMFORT LATCH" FOR DRIVER AND RIDER SEATS
DRIVER'S AND RIDER'S SEAT
STEERING WHEEL, TWO SPOKE URETHANE GRIP PAINTED SPOKES & BULLDOG HORN CAP
TURN SIGNAL SWITCH, MANUAL CANCELING SWITCH
WINDSHIELD WIPERS, 2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

Prospective Customer Ref#: AFLZ001811C Page 3

Description

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
TOWING DEVICE - FRONT, TOW PIN
FUEL TANK - RH, 70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR
6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD
FUEL LINES, 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, 12000# (5443kg) MACK FXL12
TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 11R22.5 14 G R250F (STEER)
WHEELS - FRONT, STEEL DISC (10-HOLE)
(2) 22.5x8.25 HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC) (TWO HAND HOLE)
WHEELS - POLISHED (FRONT), W/O FRONT DISC WHEEL BRIGHT FINISH
HUBS - FRONT, FERROUS
BRAKES - FRONT, MERITOR "S" CAM TYPE 16.5" x 5" Q+
BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED
DUST SHIELDS - FRONT BRAKE, OMIT
SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC
SPRINGS - FRONT, MACK MULTILEAF 12000# (5443kg) GROUND LOAD RATING
STEERING, 392S SHEPPARD INTEGRAL POWER (16.6:1 RATIO)

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 38000# (17237kg) MACK S38R FABRICATED STEEL HOUSING, SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY
TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R250F (ALL POSITION)
CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, STEEL DISC (10 HOLE)
(8) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"286 mm BC)(TWO HAND

HOLE)
HUBS - REAR, FERROUS
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED
DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, STEMCO (VOYAGER)
RAISED REAR BRAKE CHAMBERS (REAR REAR AXLE ONLY)
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SPRINGS, ANTI-SWAY
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)

Prospective Customer Ref#: AFLZ001811C Page 4

Description

SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
URETHANE TRUNNION BUSHING

AIR/BRAKE

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1800 W/COALESCING OIL FILTER
ANTI-LOCK BRAKE SYSTEM, BENDIX ABS

ELECTRICAL

BATTERY BOX(ES), STEEL BASE
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
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
"BODY LINK" II W/CAB PASS THRU HOLE/RUBBER BOOT
HEADLIGHTS, (2) SINGLE ROUND HALOGEN LAMPS
REAR LIGHTING, FURNISH STANDARD TAIL-LIGHTS
SIGNAL FLASHER TYPE, TRANSISTORIZED TURN SIGNAL, ACD TRITON

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
FRONT WHEELS PRE-FINISHED WHITE
REAR WHEELS PRE-FINISHED WHITE

PAINT PROCESS CODES

PAINT PROCESS - BUMPER, SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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 TORQUE CONVERTER OPTION

V-MAC IV PROGRAMMABLE PARAMETERS

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

Prospective Customer Ref#: AFLZ001811C Page 5

Description

CRUISE'N BRAKE ENGAGEMENT DELAY (MPH) 3 mph
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
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
PERIODIC TRIP TYPE Monthly Trip Summary

PERIODIC TRIP HOUR OF DAY Midnight
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
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 IN UPPER GEARS 2100
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 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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Vocational
MAINTENANCE DUE WARNING PERCENT 90
PTO 1 MAX ENGINE SET SPEED (RPM) 2100 rpm

Prospective Customer Ref#: AFLZ001811C Page 6

Description

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 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
SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLs FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph

DEALER INFORMATION

ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

H-GAC Product Code: I11
Mack Model: LEU613

2011 LEU613
Ref#: AFLZ001611C

Description

ORDER/CUSTOMER/VEHICLE INFORMATION

INITIAL REGISTRATION LOCATION, UNITED STATES
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
PRODUCT TYPE, PRODUCT TYPE - OL64R
PRODUCT CLASS, PRODUCT CLASS 29
BACK OFFICE PROCESS, BACK OFFICE PROCESS

BVS/WHEELBASE/PLATFORM

CHASSIS (BASE MODEL), LEU603 6-WHEEL TRUCK
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 206" CA (5232 mm)
PLATFORM, 286" LP (7264 mm) 80" AF (2024 mm) USED WITH 197" WB

ENGINE/TRANSMISSION/CLUTCH

ENGINE, MACK MP7-325M 325 HP @ 1500-1900 RPM (PEAK) 1200 LB FT. MAX TORQUE @ 1100-1300 RPM
TRANSMISSION, 6 SPEED AUTOMATIC, ALLISON 4500-RDS-6 (4.70/0.67) RUGGED DUTY SERIES GEN 4 INCLUDES DIRECT MOUNT OIL COOLER, EXTERNAL OIL COOLER, INTERNAL FILTER, AND OIL LEVEL SENSOR

EXHAUST/EMISSIONS

DIESEL PARTICULATE FILTER, DIESEL PARTICULATE FILTER VERTICAL LH SIDE BACK OF CAB
W/SCR VERT RH SIDE BOC
DPF REGENERATION CONTROL, AUTO IN MOTION, MAN. STATIONARY MAN. INHIBIT
DPF SMART SWITCH, LOCKING INHIBIT DPF REGENERATION SWITCH
EXHAUST, DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK PLAIN END, SIDE OUTLET DIFFUSER

ENGINE EQUIPMENT

AIR CLEANER, 13" (330 mm) DIAMETER EXTERNAL COWL MOUNTED SINGLE ELEMENT DRY TYPE
PRE-CLEANER (DRY TYPE CLEANER)
ALTERNATOR, DELCO 12V 130A (24SI)
BATTERIES, (3) MACK 12V 650/1950 CCA THREADED STUD TYPE TERMINALS
TO -34 DEGREES F (-37 DEGREES C)
MACK COOLANT CONDITIONER

Prospective Customer Ref#: AFLZ001611C Page 2

Description

ENGINE BLOCK HEATER, 120V 1500 WATT ENGINE BLOCK HEATER
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)
STARTER, 12 VOLT GEAR REDUCTION STARTER
ELECTRONIC STARTER INTERLOCK
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 VOCATIONAL PKG. #105183 RUGGED DUTY SERIES (RDS) REFUSE W/AUTO NEUTRAL (AG) - SB DUAL SELECTOR
DRIVELINE - MAIN, MERITOR 17N HD W/COATED SPLINES

DRIVELINE - INTERAXLE, MERITOR 17N HD W/COATED SPLINES

CAB (A thru G)

AIR RESTRICTION MONITOR (INTAKE), GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)

CAB, LOW-ENTRY LH DRIVE WITH RH OPERATING POSITION

CAB LIFT/TILT, LOCATED IN STD LOCATION

CERTIFIED WEIGHT

ENGINE RUNNING ACTIVATED

"LE" RH REAR OPENING FOLD UP DOOR AND LH DOOR WITH ROLL-UP WINDOW

ENGINE SHUTOFF, KEY TYPE

GAUGES, ENGLISH DISPLAY

GAUGE, ELECTRONIC SPEEDOMETER/ODOMETER PROXIMITY PICK-UP, AND MAGNETIC SENSOR

GAUGE, TACHOMETER

TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT

GEAR SHIFT, WITH NEUTRAL-TO-RANGE INHIBIT

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

GRILLE, STANDARD FINISH

CAB (H thru R)

HORN - AIR, (1) TWIN TRUMPET WITH DUAL LANYARD CONTROL (MOUNTED UNDER CAB)

HORN - ELECTRIC, SINGLE TONE

CHASSIS KEYPED AT RANDOM - 2 KEYS

AM/FM STEREO CD W/WEATHERBAND

RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE

REAR WINDOW (FIXED TYPE)

CAB (S thru Z)

SEAT - DRIVER, AIR-BOSTROM TALLADEGA 910 (MID-BACK)

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

SEAT BELTS (ORANGE)/RETRACTORS, LAP AND SHOULDER FOR DRIVER AND LAP BELT FOR

FOLD-UP RIDER SEAT

DRIVER'S AND RIDER'S SEAT

TURN SIGNAL SWITCH, MANUAL CANCELING SWITCH

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Description

VENTILATION - CAB, FURNISH LH DOOR VENT

WINDSHIELD PROTECTOR, FURNISH

WINDSHIELD WIPERS, SPRAGUE-2 SPD ELECTRIC MOTOR W/INTERMITTENT FEATURE

FRAME EQUIPMENT/FUEL TANKS

BUMPER - FRONT, PAINTED STEEL FLUSH MTD 59"/1488 mm BBC (CORP 94" x 15.5")

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), W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE

TOWING DEVICE - FRONT, TOW PIN

FUEL TANK - LH, WITHOUT LH FUEL TANK

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

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

FUEL LINES, AEROQUIP FIRE RESISTANT

FILLER NECK SCREENS

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

TIRES BRAND/TYPE - FRONT, BRIDGESTONE - TUBELESS RADIAL PLY, (2) 315/80R22.5 20 L M860

(ALL POS)

WHEELS - FRONT, STEEL DISC (10-HOLE)

(2) 22.5x9.0 (228 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286mm BC)(FIVE HAND

HOLE)(6.42" INSET)

HUBS - FRONT, FERROUS

BRAKES - FRONT, MERITOR "S" CAM TYPE 16.5" x 6" Q+

BRAKE DRUMS - FRONT, CAST OUTBOARD MOUNTED

DUST SHIELDS - FRONT BRAKE, OMIT

SHOCK ABSORBERS, FRONT

SLACK ADJUSTERS - FRONT, GUNITE 2000 - AUTOMATIC

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

STATIC LOAD CUSHIONS

STEERING, M100P PLUS RIGHT SIDE ASSIST CYLINDER

REAR AXLE/EQUIPMENT/TIRES/RATIOS

REAR AXLE/SUSPENSION, 46000# (20866kg) MACK S462 CAST DUCTILE IRON HOUSING, SS462

MACK MULTILEAF (CAMELBACK) 46000#

TIRES BRAND/TYPE - REAR, BRIDGESTONE - TUBELESS RADIAL PLY, (8) 11R22.5 14 G R250F (ALL

POSITION)
CARRIER/RATIO - REAR AXLE, CRDP150/151, 99.99 CHOOSE A VALID RATIO
WHEELS - REAR, STEEL DISC (10 HOLE)
(8) 22.5x8.25 (210 mm) HAYES LEMMERZ 10-HOLE HUB PILOTED (11 1/4"/286 mm BC) (TWO HAND HOLE)
HUBS - REAR, FERROUS
BRAKES - REAR, MERITOR "S" CAM 16.5"x7" Q+
BRAKE DRUMS - REAR, CAST OUTBOARD MOUNTED

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Description

DUST SHIELDS - REAR BRAKE, OMIT
OIL SEALS, STEMCO (VOYAGER)
HIGH MOUNT REAR BRAKE CHAMBERS (REAR REAR AXLE ONLY)
SHOCK INSULATORS, HEAVY DUTY URETHANE
SLACK ADJUSTERS - REAR, GUNITE 2000 - AUTOMATIC
SPRING BRAKE CHAMBERS - QUANTITY, (4) CHAMBERS
SPRING BRAKE CHAMBERS - VENDOR, MGM MODEL TR-T (TAMPER RESISTANT)
SPRING BRAKE CHAMBERS, TYPE 30/30 REAR
TRANSVERSE TORQUE ROD (REAR AXLE ONLY)
BRONZE TRUNNION BUSHING

AIR/BRAKE

AIR CONTROL VALVES - VENDOR, BENDIX SWITCHES AND VALVES WHERE POSSIBLE
AIR DRYER, MERITOR/WABCO HEATED AIR DRYER, 1800 W/COALESCING OIL FILTER
AIR RESERVOIRS, STEEL
ANTI-LOCK BRAKE SYSTEM, BENDIX ABS
AUTOMATIC DRAIN VALVE, BENDIX (HEATED) (1) ON SUPPLY (WET) TANK

ELECTRICAL

BACK-UP ALARM, PRECO, MODEL 1059
BATTERY BOX(ES), STEEL BASE
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)
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
WATERPROOF ELECTRICAL CONNECTIONS SPRAYED W/PROTECTIVE COATING
CONTROL LINK
HEADLIGHTS, (2) SINGLE ROUND HALOGEN LAMPS
REAR LIGHTING, BRAKE LIGHTS CIRCUIT ACTIVATED WHEN SPRING BRAKES ARE APPLIED AND KEY IN RUN POSITION-NO TAIL LIGHTS

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
FRONT WHEELS PRE-FINISHED WHITE
REAR WHEELS PRE-FINISHED WHITE

PAINT PROCESS CODES

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Description

PAINT PROCESS - BUMPER, SAME COLOR AS CHASSIS RUNNING GEAR (5ZB-A1X)
PAINT PROCESS - CHASSIS, CHASSIS RUNNING GEAR - STD COLOR (MACK BLACK) (6AB-Z1X)
PAINT PROCESS - FUEL TANK, 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, FURNISH PUMP MTG PROVISIONS - INCLUDE WIRING, SWITCHES, AND INDICATORS AS REQUIRED
FURNISH WORK BRAKE

V-MAC IV PROGRAMMABLE PARAMETERS

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
DATAMAX SETTING FOR USE WITH INSTRUMENT CLUSTER DISPLAY (C0J002)
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
PERIODIC TRIP TYPE Monthly Trip Summary
PERIODIC TRIP HOUR OF DAY Midnight
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
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 IN UPPER GEARS 2100
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 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
MAINTENANCE MONITOR FEATURE ACTIVATION Furnish
MAINTENANCE MONITOR OEM DEFAULT INTERVALS MP Vocational
MAINTENANCE DUE WARNING PERCENT 90
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 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

SPEED SENSOR TAMPER DETECTION SYSTEM ACTIVATION Furnish
SPEED SENSOR TAMPER DETECTION TORQUE LIMIT (%) 50
CUSTOMER VEHICLE LIMITING SPEED (MPH) 65 mph
LGVLS FEATURE ACTIVATION Omit
LOWER GEAR VEHICLE LIMITING SPEED (MPH) 00 mph
DEALER INFORMATION
ENGINE WARRANTY, 2YR/250,000 MILES ENGINE WARRANTY
MANUALS, PEDIGREED PROTECTION PLAN TECH. SERVICE MANUAL PROVIDED
PILOT INSPECTION, CHOOSE AN OPTION
STANDARD SHIPPING INSTRUCTIONS

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