



CHASSIS SPECIFICATIONS SUMMARY

May 06, 2015

2016 MACK GU812E

BULK HAULER - DRY. . On/Off Hwy
STRAIGHT TRUCK WITHOUT TRAILER

Engine	MACK MP8-345C 345HP	Transmission	T310
		Clutch	CL39DC13 EATON
Front Axle	5,443kg FXL12	Rear Axle	10,433kg RS-23-160 Ratio 3.73
Suspension	5,443kg	Suspension	10,433kg MULTILEAF
Tires	Front: 12R22.5 Rear: 12R22.5	Wheels	22.5x8.25 STEEL DISC (10-HOLE) 22.5x8.25 STEEL DISC (10 HOLE)
Ratings	GVW: 15,876kg	Fuel Tanks	LH: 189ltr
Fifth Wheel		Sleeper	



ORDER/CUSTOMER/VEHICLE INFORMATION

Initial Registration Location, Iraq
Language, English
Type Of Service, Commercial
Vehicle Application Class, Heavy Vocational - Unlimited Operation On Concrete, Asphalt, Or Maintained Gravel/Packed Dirt With A Maximum 3% Grade; Limited Operation On Unmaintained Surfaces With Maximum 5% Grade; Limited Operation On Concrete, Asphalt, Or Maintained Gravel/Packed DiRt With Maximum 8% Grade. (3 Axles) 78,000 Lbs (35,281 Kg) Max Gvw. (4 Axles) 80,000 Lbs (36,288 Kg) Max Gvw.
Vehicle Type, Straight Truck Without Trailer
Vehicle Use And Body/Trailer Type, Bulk Hauler - Dry. . On/Off Hwy
Price Book Level, 2016B Price Book Level
Product Type, Product Type - CML42R Truck
Product Class, Product Class 28
Back Office Process, Back Office Process

OPERATING CONDITIONS

Topography, Grades <3% Greater Than 98% Of Driving Distance Max Grade 8%
Transportation Cycle, Vocational
Road Condition, Very Badly Maintained Roads Or OFF-ROADS <5% Driving Distance
Ambient Temperature Upper Limit, Ambient Temperature Very Hot. Warmer Than 104 F (40 C) More Than 25 Hours Per Year

BVS

Chassis (Base Model), GU802 4-WHEEL Truck
Chassis Packaging Solutions, Package 8A Includes: Battery Box LH Under Cab, Air Under Batter Box - Remaining Air Located On Frame Rail Requires: Euro 3 Or Euro 4 Engine, LH Fuel Tank, Omit RH Tank

ENGINE/TRANSMISSION/CLUTCH

Engine, Euro 3, Mack MP8-345C 345 Hp @1500-1950 Rpm (Peak) 1360 Lb. Ft. Max. Torque @ 1200 Rpm Euro 3
Transmission, 10 Speed Manual (Overdrive), Mack T310 (13.81/0.73)
Clutch, Manual Adjusting, CL39DC13 Eaton Advantage EZ-PEDAL, 9-SPRING, 2-PLATE, 15.5" Ceramic Clutch, 6 Paddles, Manual Adj

EXHAUST/EMISSIONS

Dpf, W/O Diesel Particulate Filter Or Scr
Exhaust, Exhaust - Euro 3/EURO 4, Single Vertical Exhaust With Curved Stack

ENGINE EQUIPMENT

Air Compressor, Meritor/Wabco 318 18.7 CFM
Alternator, Delco 12V 100A (24SI)
Batteries, (3) Mack 12V M/F Group 31 650/1950 CCA Threaded Stud Type With Kalas Cables
Bug Screen, Radiator Mounted
Texaco Long Life Engine Coolant #7998 With Nitrites (50/50 Mix) To

ENGINE EQUIPMENT cont...

-34 Degrees F (-37 Degrees C)
Omit Coolant Conditioner Filter
Engine Brake, Engine Brake Plus Exhaust Pressure Governor
Fan Drive, Behr Fan And Electronic Modulating Fan Drive
FUEL-WATER Separator, Mack With Manual Drain Valve (Integral With Primary Fuel Filter)
Hoses - Radiator/Heater, Mack Brand Epdm Radiator & Heater Hoses
Oil Pan, Oil Pan

W/O Engine Cold Start Aid
Tether Device, W/O Tether Device

TRANSMISSION EQUIPMENT/DRIVELINES

Clutch Assist (Air), Mechanical Cable
Clutch Pedal, Clutch Pedal Rubber Pad
Transmission Shift Settings, W/O Transmission Shift Settings
Transmission PTO1 Splitter Range, W/O PTO1 For Splitter Range
Transmission PTO2 Splitter Range, W/O PTO2 Splitter Range
Transmission Bell Housing, Aluminum
W/O Transmission Dustproofing
Without Transmission Oil Cooler
Synthetic Lubricant - Transmission, Factory Option Lube - Transmission
Without Driveshaft Guard For Center Bearing
Driveline - Main, Meritor 18 Mxl "XTENDED LUBE"

CAB (A thru G)

Mack (Bergstrom) Integral With Heater Combination Heater/Defroster And Conditioner
Air Restriction Monitor (Intake), W/O Air Restriction Monitor
Cab Configurations, LH-DRIVE CA68 Conv Cab
Without Cab Cleanout
Cab Mounting, Air Suspension
Certified Weight
W/O Misc Elect Switches Option
Without Daytime Running Lights
(4) Dome Lamps - Door And Switch Activated
Fender Extensions, Fender Extensions
Gauge Cluster, Exhaust Pyrometer And Transmission Oil Temperature Gauges
Without Rear Axle Oil Temperature Gauge
W/O Inside/Outside Temp Gauge Option
Gear Shift, W/O Gear Shift Options
Standard Grab Handle Option RH & LH, Behind Door
Grille - Hood Air Intake, Grille Painted Gray

CAB (H thru R)

Headliner, Vinyl Covered Foam Padded Headliner
Painted Hood Latches
Horn - Electric, Single Tone

CAB (H thru R) cont...

Identification/Clearance Lights, (5) Marker And Clearance, Incandescent, Surface Mounted
IN-DASH Storage, Memo Area And Clip
Instrument Cluster Display, CO-PILOT Driver Display (Enhanced 4.5" Diagonal Graphic LCD Display with 4-BUTTON Stalk Control) (Includes Guarddog Routine Maintenance Monitoring)
Interior Trim (Purebred - Sandstone) Vinyl Headliner & Seat Covering, 2 Netted Storage Compartments And Center Cb Radio Mounting Provisions In Overhead Console, Rear Panel With Storage Pouch, Polyurethane Floor Mat, 2 Cup Holders, Slate Gray Instrument Panel With Black Gauge Bezel, Sandstone Door Panels & Trim, RH Door Peep Window, Padded Interior Sun Visors Both Sides, 2 Spoke Slate Grey Urethane Cushion Grip Steering Wheel With Bulldog Horn Button, Adjustable Tilt/Telescoping Steering Column, Hand Crank Lh/Rh Windows, 2 General Overhead Lights, 1 Driver Overhead Light & 1 Map non-glare Overhead Light, 2 12V Power Sources, Seat Belts, Lap And Shoulder With Cab Mtd Shoulderbelt, 2 Coat Hangers, 2 Trash Bag Hooks, RH Storage Compartment, RH Door Peep WiW
Mirrors - Convex Type, Bright Finish, LH & RH, 8" Dia. Convex Overhead Console, (2) Storage Compartments And Net Retainers With Center Mounting For Cb Provisions
Am/Fm Premium Stereo, CD-PLAYER, MP3, Weatherband, Handsfree Interface, Bluetooth

CAB (S thru Z)

Seat - Driver, Bostrom Talladega 915 (MID-BACK) Air Suspension
Seat - Rider, Mack Fixed (MID-BACK) NON-SUSPENSION
Seat Arm Rests, W/O Arm Rests
Seat Covering, All Vinyl Driver & Rider Seats
Seat Belts, Lap And Shoulder With 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)
Turn Signal Switch, Self Cancelling Turn Signals
Windshield, 2-PIECE Windshield
Windshield Washer Reservoir, W/O Windshield Washer Option

FRAME EQUIPMENT/FUEL TANKS

Bumper - Front, EXT.-SWEPT BACK-STEEL Channel 122.5"/3112 mm BBC
Crossmembers, Boc And Intermediate(S) Steel Hd BACK-TO-BACK Channel
Crossmember (Behind Rear Axle), W/O Optional Crossmembers Behind Rear Axle/Bogie
Without Fifth Wheel Mounting Angles
Front Frame Extension, 6" Bolt On Frame Extension
Towing Device - Front, Hooks
Fuel Tank - LH, 50 Gallon (190 L) Steel Round
Fuel Tank - RH, Omit RH Standard
W/O Def Tank

FRAME EQUIPMENT/FUEL TANKS cont...

W/O Def Tank Cover
W/O Fuel Line Option
W/O Isolated Tank(S)

FRONT AXLE/EQUIPMENT/TIRES

Front Axle, 12000# (5443kg) Mack FXL12 Straight Spindle/Unitized Bearings
Tires Brand/Type - Front, Goodyear - Tubeless Radial Ply, (2) 12R22.5 16 H G751MSA (All Position)
Wheels - Front, Steel Disc (10-HOLE)
(2) 22.5x8.25 Accuride 10-HOLE Hub Piloted (11 1/4"/286mm Bc) (Two Hand Hole)
Wheels - Polished (Front), W/O Front Disc Wheel Bright Finish
Brakes - Front, Bendix ES165-05D, 16.5" X 5" Cast Spider
Brake Drums - Front, Cast Outboard Mounted
Hubs - Front, Ferrous
Slack Adjusters - Front, Haldex - Automatic
Springs - Front, Mack Taperleaf 12000# (5443kg) Ground Load Rating (2-LEAF Spring)
Steering, TAS66 Trw Power

REAR AXLE/EQUIPMENT/TIRES/RATIOS

Rear Axle, 23000# (10433kg) Meritor RS-23-160 Single Reduction
Tires Brand/Type - Rear, Goodyear - Tubeless Radial Ply, (4) 12R22.5 16 H G622RSD (Drive)
Carrier/Ratio - Rear Axle, Malleable Housing, 3.73 Ratio
Wheels - Rear, Steel Disc (10 Hole)
(4) 22.5x8.25 (210 mm) Accuride 10-HOLE Hub Piloted (11 1/4" Bolt Circle) (Five Hand Hole)
Wheels - Polished (Rear), W/O Rear Disc Wheel Bright Finish
Brakes - Rear, Bendix ES165-07D, 16.5x7 Cast Spider
Brake Drums - Rear, Cast Outboard Mounted
Hubs - Rear, Conmet Iron Preset Rear Hub With Integrated Spindle Nut
Slack Adjusters - Rear, Haldex - Automatic
Suspension - Rear, 23000# Multileaf No ANTI-SWAY
Suspension - Height Control Kit, W/O Air Suspension Height Control
Air Suspension Dump Warning, Without Air Suspension Dump Warning
Rear Spring Brake Chambers 30/30 Type
Without Locking Main Differential
W/O Protective Nylon Spacer Between Discs Wheel To Drum

FRAME/WHEELBASE/PLATFORM

Wheelbase, 159" (4038 mm) WB 93" CA (2362 mm)
Platform, 156" LP (3962 mm) 62" AF (1580 mm) Used With 159" WB
Frame Rails, 11.811" X 3.54" X .32" (300 X 90 X 8mm) Steel Section
Modulus: 17.7 Cu In/Rbm 2,120,000 In Lbs Per Rail
Frame Reinforcement - Inside, W/O 5MM Inside Channel Reinforcement

AIR/BRAKE

Air Dryer, Meritor/Wabco Heated Air Dryer, 1200 With Coalescing Oil Filter
ANTI-LOCK Brake System, W/O ANTI-LOCK Brake System
Air Control Valves - Vendor, Bendix Switches And Valves Where

AIR/BRAKE cont...

Possible

Drain Valves, Manual (Petcock) Drain Valves On All Tanks
Increased Air Capacity, W/O Increased Air Reservoir Capacity
W/O Trailer Access Package

TRAILER CONNECTIONS

Trailer Air Connections, Omit Trailer Air Brake Connections
Without Hose Tender
W/O Trailer Air Hoses
W/O Trailer Electrical Cable
Trailer Electrical Receptacle, Without Trailer Electrical Receptacle
Omit Trailer Connectors Holder

ELECTRICAL

BACK-UP Alarm, W/O BACK-UP Alarm
W/O Optional Dash Mtd. Light
Chassis & Power Harness With Heavy Duty Casing
"BODY LINK" Iii With Cab PASS-THRU
Rear Lighting, Furnish Rear Lighting

PAINT

Paint - Cab Exterior, Single Color, Mack White (High Gloss)
Paint - Chassis Running Gear, Mack Black (Urethane)
Paint - Bumper, Same As Chassis Running Gear
Paint - Fuel Tank, Same As Chassis Running Gear

PAINT PROCESS CODES

Same Color As Chassis Running Gear (5ZB-A1X)
Chassis Running Gear - Std Color (Mack Black) (6AB-Z1X)
Same Color As Chassis Running Gear (7HB-A1X)
W/O Custom Paint For Hub&drum/Spokes (5YB-Z1X)
W/O Custom Painted Front/Rear Rim/Wheel (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - Rear Engine (Repto), Without Rear Engine Power Take Off
W/O Special Decals

V-MAC IV PROGRAMMABLE PARAMETERS

Daytime Running Lights Without Override Switch
Fuel Economy Incentive For Use With Instrument Cluster Display
(C0J 0002)
Governor Settings For Use With Manual Transmissions

DEALER INFORMATION

Export Docs
Inland Freight Macungie To Baltimore
Ocean Freight Baltimore To Iraq Port
Marketing Promotion, No Fmv Lease, Trade Back Residual Or Trade
In With Mack Participation

ESTIMATED WEIGHT TOTAL(s)

Front 3246kg, Rear 2551kg, Total 5797kg