

## CONTRACT

# State of Oklahoma

**DUPLICATE**

## Dispatch via Print

**Supplier** 0000186752  
BRUCKNER TRUCK SALES INC  
10120 W RENO AVE  
OKLAHOMA CITY OK 73127-7164  
USA

<b>Contract ID</b>		Page	
0000000000000000000000004687		1 of 2	
<b>Contract Dates</b>	<b>Currency</b>	<b>Rate Type</b>	<b>Rate Date</b>
02/07/2017 to 02/06/2021	USD	CRRNT	PO Date
<b>Description:</b>		<b>Contract Maximum</b>	
SW0035T Heavy Duty Trucks		0.00	
<b>Allow Open Item Reference</b>			
<b>TYPE: STATEWIDE</b>			

Tax Exempt? Y      Tax Exempt ID:736017987

**Contract Lines:**

Line #	Cat CD / Item ID / Item Desc	UOM	Minimum Order Qty	Amt	Maximum / Open Qty	Amt
1	25101611 / MACK PINACLE PI62 See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing 0.01000	EA		0001		
2	25101611 / MACK ANTHEM See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing 0.01000	EA		0001		
3	25101611 / MACK GRANITE GR42F MHD See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing 0.01000	EA		0001		
4	25101611 / MACK GRANITE GR42B MHD See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing 0.01000	EA		0001		
5	25101611 / VOLVO VN VNR42300 See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing 0.01000	EA		0001		
6	25101611 / MACK GRANITE GR64F MHD See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing 0.01000	EA		0001		
7	25101611 / MACK GRANITE GR64B MHD See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing 0.01000	EA		0001		

Final = The price is final after adjustments  
Hard = Apply adjustments regardless of other adjustments  
Skip = Skip adjustments if any other adjustments have been applied

**Authorized Signature**

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**Contract Lines:**

Line #	Cat CD / Item ID / Item Desc	UOM	Minimum Order Qty	Amt	Maximum / Open Qty	Open Amt
8	25101611 / MACK GRANITE GU713 See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing	0.01000	EA	0001		
9	25101611 / MACK GRANITE GR64B See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing	0.01000	EA	0001		
10	25101611 / MACK TERRAPRO LR613 See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing	0.01000	EA	0001		
11	25101611 / MACK TERRAPRO MRU613 See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing	0.01000	EA	0001		
12	25101611 / VOLVO VHD VHD64B200 See options pricing on the vendor's pricing documents	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing	0.01000	EA	0001		

COMMENTS:

SW0035T Heavy Duty Trucks

Contract Period: 02/07/2020 - 02/06/2021  
Agreement Period: 02/07/2017 - 02/06/2021

Final = The price is final after adjustments  
 Hard = Apply adjustments regardless of other adjustments  
 Skip = Skip adjustments if any other adjustments have been applied

**Authorized Signature**

Contact Information

Website:

Company Name	Bruckner Truck Sales, Inc.
Doing Business as (if applicable)	
Contact Person for Solicitation Response	Terry Anderson
Phone	210-863-6478
Email	tanderson@brucknertruck.com
Fax	(214) 688-1119
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are are different than the payment address)	Bruckner Truck Sales, Inc. 3611 Irving Blvd
City, State, Zip	Dallas, TX 75356
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	
Contact Name	Terry Anderson
Phone	(210) 863-6478
Fax	(214) 688-1119
Email	tanderson@brucknertruck.com
Secondary Contact for Contract/Ordering	Don Freeman
Phone	(918) 991-9115
Fax	(918) 446-7401
Email	dfreeman@brucknertruck.com
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	Bruckner Truck Sales, Inc. 9471 Interstate 40 East
City, State, Zip	Amarillo, TX 79118
Contact Person/Department for payment	Terry Anderson
Phone	(210) 863-6478
Fax	(214) 688-1119
Email	tanderson@brucknertruck.com
Counties You can provide products/warranty service/repair parts to	<u>X</u> All counties in Oklahoma OR just these counties: _____
(include any special conditions, such as territory or district maps on a separate sheet)	
Payment Discount (i.e. 15 days)	Net _____ days N/A
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

For Item 100000933 33,000 GVWR Truck  
33,000\_Truck BTS CHU612  
33,000\_Truck BTS CXU612  
33,000\_Truck BTS GU432  
33,000\_Truck BTS GU532  
33,000\_Truck BTS VN.

For Item 10000099383 46,000-54,000 GVWR  
46-54,000\_Truck BTS GU433  
46-54,000\_Truck BTS GU533

For Item 10000297768 54,000-66,000  
54-66,000\_Truck BTS GU713  
54-66,000\_Truck BTS GU813  
54-66,000\_Truck BTS LR613 COE  
54-66,000\_Truck BTS MRU613 COE  
54-66,000\_Truck BTS VHD.

Additional Information:

Training:

Please be aware that as part of the OMES Solicitation SW35T, Bruckner Truck Sales, Inc., Vendor ID # 0000186752 agrees to provide 4 hours of operation/driving instruction to any agency purchasing off of the contract. Additionally, fleet service technicians and staff will be supported with the same online training access for product, workplace safety and industry updates that the OEM dealers use.

Buy-Backs, Trade-In or exchange policy for parts:

If stocking parts are ordered by an agency and returned in a timely fashion they will be accepted and full value. Special Order parts may be subject to freight charges and a restocking fee. The Parts department will do it's best to accommodate returns and/or exchange for other items that the fleet can use but each case is handled on a one off situation as it occurs. Parts should only be ordered after a proper diagnosis of a know failure.

Repair Facilities: Bruckner's offers full service warranty repair at the following locations:

Bruckner Truck Sales, Inc.  
3824 W Reno  
Oklahoma City, Ok 73107

Bruckner Truck Sales, Inc.  
5913 E. Owen K. Garriott RD  
Enid, OK 73701

Bruckner Truck Sales, Inc.  
5301 W 60<sup>th</sup> St  
Tulsa, OK 74107

Bruckner Truck Sales, Inc.  
14001 E. Admiral  
Tulsa, OK 74116

# PRODUCT INFORMATION



**899650**      **Chassis Plan 2 – 24 Months / 200,000 Miles, Heavy Duty  
VHD and VAH US Protection Plan**

**Affects:**      VN

**Related:**

**Updated:**      October 14, 2015

**Note: PDF files are not official documents and serve only as reference items.**

**Volvo Chassis Plan 2 Protection Plan Certificate**  
**(Model Year 2017 and newer)**

Same Warranty Package  
for Volvo & Mack



## VOLVO CHASSIS PLAN 2 PROTECTION PLAN CERTIFICATE

(EPA 2014 and later)

Volvo Group North America LLC, d/b/a Volvo Trucks North America ("Volvo Trucks"), warrants certain individual components of each new Volvo truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Volvo Trucks maintenance and inspection requirements are followed. This extended coverage plan ("Protection Plan") provides additional coverage from failures of specified components or parts ("Covered Parts") that may occur after the Volvo Standard Truck Warranty has expired and until the expiration of this Protection Plan. All warranty periods are calculated from the original date in service. This Protection Plan applies only to Volvo trucks operated exclusively in the United States and Canada.

Volvo Trucks' obligation under this Protection Plan is limited to, at its sole option, repair or replacement at a Volvo Trucks authorized dealer of Covered Parts that are returned within the coverage period and acknowledged by Volvo Trucks to be defective. Covered repairs must be performed by a Volvo Trucks authorized dealer. All coverage is 100% for parts and labor except as noted. All parts replaced shall become the property of Volvo Trucks.

This Protection Plan provides coverage for the following Covered Parts until the earliest to occur of the time/mileage/hours purchased, subject to the following Qualifications and Limitations.

### Chassis Protection Plan 2 Covered Parts List

Air System	Qualifications and Limitations
Air Dryer	Includes: Purge Valve and Relief Valve Excludes: Maintenance
Air Governor	
Air Reservoir	
Cowl Vent	
Brakes & Wheel Ends	Qualifications and Limitations
ABS	Includes: Control Module, Relay Valves, Modulators, Wiring Harness and Sensors
Axle Shafts	
Brake Assembly	Includes: Cam Roller, Return Spring and Spider Excludes: Brake Lining, Wear and Tear Items
Brake Chamber	
Continued on Page 2...	

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER INCLUDING, WITHOUT LIMITATION OF THE FOREGOING, CONSEQUENTIAL AND INCIDENTAL DAMAGES. MACK TRUCKS, INC. NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.

This Warranty is subject to Volvo Trucks' Standard Warranty Limitations and Exclusions, which are printed on page 5 of this Warranty Certificate and are available through a Volvo Trucks authorized dealer.

**Chassis Plan 2 Covered Parts List (Continued from Page 1)**

<b>Brakes &amp; Wheel Ends</b>	<b>Qualifications and Limitations</b>
Brake Piping	Includes: Flex Piping Excludes: Plastic Airline Piping
Brake Valves	Includes: ATC Valve
Disc Brake Caliper	
Hub	Includes: Hub, Hub Caps and Wheel Bearings Excludes: Wheel Seals
Hubodometer	
Slack Adjuster	
<b>Cab Covered Components</b>	<b>Qualifications and Limitations</b>
Bumper and Bumper Brackets	
Cab	Includes: Frame of Cab, Cab Mounting Excludes: Corrosion, Glass and Paint
Cab Steps	
Charge Air Cooler	Includes: Charged Air Cooler Piping
Door	Includes: Hinges, Handles, Door Post Lock, Hinge, Locks and Window Regulator. Excludes: Glass
Gear Shifter and Assembly	Includes: Knob, Piping, Selector and Wires Excludes: Vendor Transmission Gear Selectors
Factory-Installed Air Fairing, Deflectors and Extensions	Limited to: Chassis Fairings, Ground Effect Extensions, Roof Deflectors, Cab Side Deflectors, Adjustable Roof Extensions, Side Deflector Extensions, Bumper Deflectors, A-pillar Deflectors
Grab Handles	
Hood Assembly	Includes: Grill, Hood, Hood Mounting, Ornament and Base
Interior Trim	Excludes: Wear and Tear
Keyless Entry	Receiver Module and Transmitter
Mirrors	Includes: Mounting hardware
Pedals	Includes: Accelerator, Brake and Clutch Pedal and Interior Linkage
Seats	Includes: Seat and Safety Belts
Sleeper Box	
Sun Visor	Includes: Interior Visor and Factory-Installed Exterior Visors
Windshield	Includes: Front and Rear Windshield Seal
Windshield Washer & Wiper System	Includes: Reservoir, Piping, Nozzles, Wiper Motor, Arms, Linkage and Valve Excludes: Wiper Blades
<b>Telematics</b>	<b>Qualifications and Limitations</b>
Telematics Hardware (Factory Installed)	Includes : Wiring Harness Excludes: Software and Software Updates
<b>Driveline</b>	<b>Qualifications and Limitations</b>
Center Hanger Bracket and Bearing	
Drive Shafts, U Joints & Yokes	
<b>Electrical Covered Components</b>	<b>Qualifications and Limitations</b>
Alternator	Includes: Mounting and Pulley
<b>Continued on Page 3...</b>	

This Warranty is subject to Volvo Trucks' Standard Warranty Limitations and Exclusions, which are printed on page 5 of this Warranty Certificate and are available through a Volvo Trucks authorized dealer.

**Chassis Plan 2 Covered Parts List (Continued from Page 3)**

<b>Electrical Covered Components</b>	<b>Qualifications and Limitations</b>
Appliances, Audio and Video	Includes: Factory Installed Camera, Radio Excludes: TV, DVD, Microwave, Refrigerator, Remote Controls and Communication Radio
Battery Cables	Excludes: Batteries and Corrosion Damage
Inverter	Includes: Factory Installed AC/DC and DC/DC converter
Circuit Breakers	Excludes: Fuses
Fuse Box	Excludes: Fuses
Instrument Panel	Includes: Alarm, Assembly, Speedometer, Tachometer and Display Excludes: Bulbs/LED
Lights	Includes: Back up, Cab, Headlights, Sleeper and Roof Excludes: Bulbs/LED
Relays	Includes : DRL Excludes: Starter Motor AUX Relay located on starter.
Sensors	Excludes: Engine Mounted Sensors, EATS Sensors, Transmission Sensors and Vendor Sensors
Starter Motor	Excludes: Solenoid and AUX Relay
Switches	Excludes: HVAC Switches
Vehicle Electronic Control Unit	
Wire Harness	Includes: Main Cab Harness, Chassis Harness, Door, Mirror , Steering Wheel harness for indicator and horn Excludes: EATS, EGR Wire Harness, Engine Harness, Block Heater and Vendor Harness
<b>Engine Accessories</b>	<b>Qualifications and Limitations</b>
Air Cleaner Housing	Includes: Housing, Indicator, Mounting and Piping
Chassis Mounted Engine Oil Filter Mounting	
Exhaust System Shields	Excludes: Flex Pipe
Expansion Tank and Mounting	Includes: Cap, Tank and Mounting
Fan	Includes: Fan Drive, Shroud and Fan Spacer Excludes: All Belts, Tensioners and Idler on the Engine
Fuel Tank	Includes: Tank, Mounting, Piping (from tank to primary fuel filter) and Valves.
Fuel Warmer and Separator	Excludes: Filter and Seal
Oil Filler	Includes: Tube, Cap, Dipstick Guide and Dipstick
Radiator	Includes: Radiator, Cap and Mounting
Transmission Mounting	
<b>Frame</b>	<b>Qualifications and Limitations</b>
Battery Box	
Crossmembers	Includes: Hulk Bolts Excludes: Mud Flaps and Brackets
Engine Mounting	
Fifth Wheel (Factory Installed)	Includes: Deckboard, Helper and Ramp
Tow Hook	
<b>HVAC</b>	<b>Qualifications and Limitations</b>
Air Conditioner Compressor	Includes: Pulley and mounting bolts
Air Conditioning Condenser	Dryer covered only when replacement is necessary due to a failure of a covered part.
Air Conditioning Evaporator	
<b>Continued on Page 4...</b>	

This Warranty is subject to Volvo Trucks' Standard Warranty Limitations and Exclusions, which are printed on page 5 of this Warranty Certificate and are available through a Volvo Trucks authorized dealer.



**Chassis Plan 2 Covered Parts List (Continued from Page 3)**

<b>HVAC</b>	<b>Qualifications and Limitations</b>
Blower Motor	Includes: Resister
Expansion Valve	
Heater Controls	
Heater Control Valve	
Heater Core	
Heater Ducts	
Heater Fan	
Heater Housing and Drain Pan	
Heater Thermostat	
Lines and Tubes	Includes: A/C Hoses
Mode Box	
Mounting Brackets and Braces	
<b>Steering</b>	<b>Qualifications and Limitations</b>
Steering Axle I Beam	
Steering Column	Includes: Column Lock, Cable
Steering Gear	Includes : Bearing, Bushing, Drag Link, Mounting Bracket, Pitman Arms and Seals
Steering Knuckle	Excludes : Bearings, Bushing and King Pin
Steering Pump	Includes: Reservoir
Steering Shaft	Includes: U-Joint
Steering Wheel	Includes: Horn Button and Contract Ring Excludes: SRS Airbag
Cross Steering Tube	Includes: Tie Rods
<b>Suspension</b>	<b>Qualifications and Limitations</b>
Shock Absorber Mounting Brackets	Excludes : Shocks
Spring Mounting Brackets, Clips and U-Bolts	
Springs Front, Rear and Helper	
Stabilizer Bar and Brackets	
Suspension	Limited to: OEM Suspension and Hendrickson-Manufactured Suspension Components Excludes: Air Bags
Torque Rod	
<b>Transmission Oil Cooler &amp; Piping</b>	<b>Qualifications and Limitations</b>
Transmission Oil Cooler & Piping	Limited to: OEM installed Chassis Mounted

This Warranty is subject to Volvo Trucks' Standard Warranty Limitations and Exclusions, which are printed on page 5 of this Warranty Certificate and are available through a Volvo Trucks authorized dealer.

**STANDARD WARRANTY LIMITATIONS & EXCLUSIONS**

1. **REPAIR:** In the case of acknowledged defective Covered Parts, exchange with factory remanufactured parts may occur. Warranty repairs do not constitute an extension of any warranty period for any vehicle, component or part.
2. **DAMAGES:** Damages due to misapplication, misuse, accidents, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, failure to follow Volvo Trucks' recommended inspection, maintenance, and service procedures, and improper or insufficient maintenance services are not covered.
3. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to a Covered Part due to failure of non-covered part are not covered. Coverage is limited to failure of a Covered Part directly causing failure of a non-covered part, where reasonable precautions were taken to mitigate damages.
4. **APPLICATION:** The selling dealer is responsible for designating the correct application and/or specification for a vehicle sold to a customer. Damages due to misapplication, including but not limited to, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle, component or part for a purpose for which it was not intended are not covered.
5. **ALTERATIONS:** Any vehicle, component or part repaired, altered, or inspected in any way, so as to adversely affect, in Volvo Trucks' sole judgment, its stability, durability, or reliability, is not covered.
6. **NON-ORIGINAL EQUIPMENT:** Any part of the vehicle that fails, malfunctions, or does not perform as a result of improper conversion or installation of bodies or equipment by other manufacturers or suppliers is not covered.
7. **MAINTENANCE AND PARTS CONSUMED:** Maintenance and inspection requirements found in the Operator's Manuals and service manuals/instructions, including, but not limited to, engine tune-up, fuel system cleaning, replacement of lubricants and filter elements, adjustments of the engine injection pump/transmission/brakes/linkages, as well as diagnosis, test time and all other adjustments must be followed and are not covered. Parts which are normally consumed or worn out during the vehicle's normal service life and customarily replaced during usual maintenance service are not covered.
8. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (including, but not limited to, low power and/or poor fuel economy). Coverage is limited to defects in material and workmanship of a Covered Part directly causing the performance issue.
9. **WEAROUT:** Volvo Trucks does not cover normal wear of Covered Parts. Failures attributable to wear are excluded. For example and without limitation, the wear rate of parts in any engine or transmission, and especially those parts within the combustion area and clutch housing area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
10. **NON-STANDARD PARTS:** Any failure of any vehicle, component or part caused by the by use of parts and accessories, or major assemblies and exchange units, which do not meet factory standards is not covered.
11. **ODOMETER READING:** Any vehicle on which the actual mileage or hours cannot readily be determined, or on which the odometer, hour meter, or Electronic Control Unit has been disconnected, disabled, or altered, may not be covered by this warranty.
12. **ACCESS TO INFORMATION:** Owner must allow Volvo Trucks full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
13. **LABOR:** Labor to remove and install a Covered Part is included only if a Volvo Trucks authorized dealer originally installed the Covered Part. Labor for overtime and/or shift differential is not covered. Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
14. **MISC. EXPENSE:** Meals, lodging, communications charges, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
15. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Volvo Trucks, including winches, power take-offs, dumper, mixer and refuse assemblies, hoists and bodies or other special equipment are not covered. Volvo Trucks' factory manufacturing records will be determinative as to factory installed components.
16. **TOWING:** Unless expressly provided in this Warranty Certificate, expenses for towing or road service calls are not covered. Failures caused by improper towing technique are not covered.
17. **SUSPENSION PARTS:** Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
18. **CAB STRUCTURE AND CORROSION:** Cab structural defects or cab corrosion that occurs in areas of the cab that previously were damaged, repaired, altered or modified are not covered.
19. **ENGINES AND TRANSMISSIONS:** Engines and automatic transmissions that are not manufactured by Volvo Trucks are warranted by their respective manufacturers and not by Volvo Trucks. Refer to the engine and transmission manufacturers' warranty statements.
20. **OIL CONSUMPTION:** Before a claim based upon excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds Volvo Trucks' published standards. Under no circumstances will warranty pay for repairs related to excessive oil consumption after the earlier of 24 months, 250,000 miles, 402,000 kilometers, or 6,250 engine hours.
21. **ENVIRONMENTAL DAMAGE:** Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been affected by exposure to the elements or chemical influence including, but not limited to, road salts/chemicals, industrial fall-out or the use of improper cleaners, polishes and or waxes are not covered.
22. **ALIGNMENT:** Alignment of axle(s), balance of tires, changing of axle camber, caster, toe and thrust angle are not covered.
23. **GLASS:** Glass breakage and scratches are not covered unless physical proof of manufacturing responsibility is established.
24. **TIRES:** Tires are not covered by this warranty, but may be covered by separate warranties given by their respective manufacturers.
25. **CHANGES:** Volvo Trucks reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on vehicles previously built.

**THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER INCLUDING, WITHOUT LIMITATION OF THE FOREGOING, CONSEQUENTIAL AND INCIDENTAL DAMAGES. VOLVO TRUCKS NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.**

**VOLVO**

# PRODUCT INFORMATION



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**896900 Volvo D11/D13 Base Engine Coverage- 24 Months/250K Miles or 6250 Hours**

**Affects:** VN, VHD

**Related:**

**Updated:** October 19, 2016

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**Note: PDF files are not official documents and serve only as reference items.**

**STANDARD ENGINE WARRANTY COVERAGE CERTIFICATE**  
**(EPA 2017)**

# STANDARD ENGINE WARRANTY CERTIFICATE (EPA 17 AND NEWER)



Volvo Group North America LLC, d/b/a Volvo Trucks North America, ("Volvo Trucks") warrants certain individual components of each new Volvo D11, D13 and D16 EPA 17 and newer emission engine in a new Volvo truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Volvo Trucks maintenance and inspection requirements are followed. See your local authorized Volvo Trucks dealer for recommended maintenance and inspection procedures. All warranty periods are calculated from the date in service of the vehicle. All coverage is 100% for parts and labor subject to the qualifications, limitations and exclusions as noted.

**LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE FOLLOWING PAGES OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.**

This warranty applies to only new Volvo D11, D13, and D16 engines meeting EPA 17 and newer emission requirements in new Volvo trucks operated in the United States and Canada.

**Standard Volvo Engine Components Coverage:** 24 months or 250,000 miles (402 336 km), whichever occurs first, unless otherwise noted.

**Major Components Coverage:** 60 months or 500,000 miles (804 672 km), whichever occurs first.

**USE OF IMPROPER OR UNAPPROVED FUEL OR ENGINE OIL WILL VOID THE ENGINE AND AFTERTREATMENT SYSTEM (DIESEL PARTICULATE FILTER) WARRANTIES. EPA 17 EMISSION VOLVO ENGINES REQUIRE THE USE OF VOLVO SPECIFICATION VDS 4.5 HIGH PERFORMANCE DIESEL ENGINE OIL AND ULTRA LOW SULFUR DIESEL (ULSD) FUEL.**

**USE OF FLUIDS OTHER THAN API CERTIFIED DIESEL EXHAUST FLUID (DEF) WILL COMPROMISE AFTERTREATMENT SYSTEM PERFORMANCE, INCREASE EMISSIONS, AND MAY IMPACT THIS TRUCK'S PRODUCT WARRANTIES.**

## SEE FOLLOWING TABLE FOR SPECIFIC COVERAGES:

Covered Standard Components List: 24 Months or 250,000 miles (402 336 km)	Qualifications and Limitations
Air Compressor	Includes: Sprocket and mounting bolts
Bearings	All internally lubricated bearings and bushings only.
Camshaft, Caps, and Bolts	Failures resulting from the valve and injector adjustments not being maintained properly are <b>NOT</b> covered. Normal maintenance adjustments are <b>NOT</b> covered.
Connecting Rods, Caps, and Bolts	
Coolant Duct Cover	
Crankcase Ventilation Assembly	
Crankshaft	
Crankshaft Hub	
Cylinder Block	Includes: Casting, main caps, bolts
Cylinder Block Heater	
Cylinder Head	Includes: assembly, casting, bolts, plugs, sleeves
Diesel Particulate Filter Assembly (DPF) / Diesel Oxidation Catalyst (DOC) / Selective Catalytic Reduction (SCR)	Includes: After-treatment hydrocarbon injector (AHI), after-treatment wiring harness, after-treatment control module, diffuser pipe (AHI mounting), fuel lines to AHI injector, AHI shutoff valve, AHI fuel pressure sensor, pre-catalyst temperature sensor, post-catalyst temperature sensor, downstream DPF temperature sensor, differential pressure sensor, particulate matter (PM) sensor, SCR assembly, DEF pump assembly (pump reverting valve, pump pressure sensor), DEF injector, DEF tank heating control valve, NOx (SCR Inlet and Outlet)
EGR (Exhaust Gas Recirculation) Components	All components including clamps, control valve, cooler, fittings, gaskets, mixer, pipes, and EGR wiring harness. Excludes: EGR cooler vibration damper which is a maintenance item.
Electrical EA Harness Supplied with Engine	From EECU to sensors and injectors and actuators)
Engine Electronic Control Unit (EECU)	
Engine Brake Mechanism (VEB)	Includes: VEB control valve and VEB rocker arms (factory installed only) Turbo Compound (TC) engine: Closed loop butterfly (CLB)

Continued on Page 2...

Covered Standard Engine Components List: 24 Months or 250,000 miles (402 336 km)	Qualifications and Limitations
Exhaust Manifold	Includes: Casting, joint seals, rings, and wraps
Fan Belt Tensioner Assembly and Bracket	Excludes: Fan belts
Flywheel	Includes: Housing and ring gear
Fuel Filter Housing	Excludes: Filters
Fuel Injection System	Includes: Injectors and common rail assembly (electronic fuel pressure regulator and pressure sensor)
Fuel Transfer Pump	
Gaskets, Seals, O Rings, and Silicon Sealant	
Gears	All internally lubricated gears only (timing and idler gears)
Hoses and Lines Supplied with Engine	Fluid carrying: Engine to engine mounted
Idler Pulleys	
Intake Manifold and Throttle Assembly	
Ladder Frame	
Pneumatic Control System	TC Engine: Air valve unit, buffer valve unit, and check valve
Oil Cooler	Engine oil cooler only
Oil Fill Tube and Cap	
Oil Filter Housing	Excludes: Oil filters
Oil Pan	
Oil Pump	
Piston Assembly	Includes: Cooler nozzles, liners, pistons, and rings
Power Steering Pump	
Pre-Heater	Factory installed only. Includes: Preheat relay, terminals, and power cables.
PTO Drive / REPTO (Rear Engine Mounted PTO Drive)	Factory installed only. Excludes all pumps or driven gears
Rocker Arm Assembly and Shafts	Includes: VEB rockers and non-VEB rockers. Failures resulting from the valve and injector adjustments not being maintained properly are <b>NOT</b> covered. Normal maintenance adjustments are <b>NOT</b> covered.
Sensors (On Engine)	Includes: Coolant temperature, crankcase pressure, crankshaft (engine timing), EGR temperature and pressure, engine oil level and temperature, engine oil pressure, engine position (camshaft), fuel pressure and temperature, intake boost pressure and temperature, inlet manifold air (temperature and pressure)
Starter Motor	
Thermostat (Coolant)	Includes: Thermostat side cover
Timing Gear Cover and Mounting Plate	
Towing	Towing/Road Service on warrantable engine failures is limited to 24 months or 250,000 miles (402 336 km), whichever occurs first, and to a single tow per incident to the nearest authorized Volvo Trucks service center. Charges in excess of \$1,000.00 are not covered unless Volvo Action Service is contacted and approves additional amounts prior to tow.
Turbocharger Assembly	Includes: VGT actuator module, Turbo compounding assembly, if included
Valve Assembly	Includes: Guides, keepers, rotators, seats, springs, valves; failures resulting from the valve adjustments not being maintained properly are <b>NOT</b> covered. Normal maintenance adjustments are <b>NOT</b> covered.
Valve Cover	
Valve Yokes (Bridge) and Pins	Failures resulting from the valve adjustments not being maintained properly are <b>NOT</b> covered. Normal maintenance adjustments are <b>NOT</b> covered.
Vibration Dampers and Bolts	
Water Pump Assembly	
Covered Major Engine Components List: 60 Months or 500,000 miles (804 672 km)	Qualifications and Limitations
Camshaft, Caps and Bolts	Failures resulting from the valve & injector adjustments not being maintained properly are <b>NOT</b> covered. Normal maintenance adjustments are <b>NOT</b> covered.
Connecting Rods, Caps and Bolts	
Crankshaft Forging	
Cylinder Block Casting, Main Caps and Bolts	
Cylinder Head Casting and Bolts	
Exhaust Manifold Casting	
Flywheel Housing	
Gears	All internally lubricated gears only (timing and idler gears)
Intake Manifold Housing	
Ladder Frame	
Thermostat Housing	
Timing Gear Cover and Mounting Plate	

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**LIMITATIONS** – Volvo Trucks' obligation is limited to, at its sole option, repair or replacement of parts which are acknowledged by it to be defective. The defective parts or assemblies replaced shall become the property of Volvo Trucks North America. Warranty repairs performed by an authorized Volvo trucks dealer in accordance with the terms of the warranty set forth herein are free of charge. Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Volvo Trucks dealer upon discovery and the vehicle must be made available, in a timely fashion during the coverage period, for repair.

### EXCLUSIONS:

1. **REPAIR:** In the case of acknowledged defective Covered Parts, exchange with factory remanufactured parts may occur. Warranty repairs do not constitute an extension of any warranty period for any vehicle, component or part.
2. **DAMAGES:** Damages due to misapplication, misuse, accidents, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, failure to follow Volvo Trucks' recommended inspection, maintenance, and service procedures, and improper or insufficient maintenance services are not covered.
3. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to a Covered Part due to failure of non-covered part are not covered. Coverage is limited to failure of a Covered Part directly causing failure of a non-covered part, where reasonable precautions were taken to mitigate damages.
4. **APPLICATION:** The selling dealer is responsible for designating the correct application and/or specification for a vehicle sold to a customer. Damages due to misapplication, including but not limited to, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle, component or part for a purpose for which it was not intended are not covered.
5. **ALTERATIONS:** Any vehicle, component or part repaired, altered, or inspected in any way, so as to adversely affect, in Volvo Trucks' sole judgment, its stability, durability, or reliability, is not covered.
6. **NON-ORIGINAL EQUIPMENT:** Any part of the vehicle that fails, malfunctions, or does not perform as a result of improper conversion or installation of bodies or equipment by other manufacturers or suppliers is not covered.
7. **MAINTENANCE AND PARTS CONSUMED:** Maintenance and inspection requirements found in the Operator's Manuals and service manuals/instructions, including, but not limited to, engine tune-up, fuel system cleaning, replacement of lubricants and filter elements, adjustments of the engine injection pump/transmission/brakes/linkages, as well as diagnosis, test time and all other adjustments must be followed and are not covered. Parts which are normally consumed or worn out during the vehicle's normal service life and customarily replaced during usual maintenance service, including, but not limited to, mud flaps and brackets, brake linings, clutch brake, and clutch linings, are not covered.
8. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (including, but not limited to, low power and/or poor fuel economy). Coverage is limited to defects in material and workmanship of a Covered Part directly causing the performance issue.
9. **WEAROUT:** Volvo Trucks does not cover normal wear of Covered Parts. Failures attributable to wear are excluded. For example and without limitation, the wear rate of parts in any engine or transmission, and especially those parts within the combustion area and clutch housing area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
10. **NON-GENUINE PARTS:** Any failure of any vehicle, component or part caused by the use of parts and accessories, or major assemblies and exchange units, which do not meet factory standards is not covered.
11. **ODOMETER READING:** Any vehicle on which the actual mileage or hours cannot readily be determined, or on which the odometer, hour meter, or Electronic Control Unit has been disconnected, disable, or altered, may not be covered by this warranty.
12. **ACCESS TO INFORMATION:** Owner must allow Volvo Trucks full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
13. **LABOR:** Labor to remove and install a Covered Part is included only if a Volvo Trucks authorized dealer originally the Covered Part. Labor for overtime and/or shift differential is not covered. Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
14. **MISC. EXPENSE:** Meals, lodging, communications charges, travel time and expense, loss of cargo, downtime, loss of profit/revenue, rental vehicles, driver's wages and other miscellaneous expenses are not covered. Shop supplies, lube oil, lubricants, seals, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
15. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Volvo Trucks, including winches, power take-offs, dumper, mixer and refuse assemblies, hoists and bodies or other special equipment are not covered. During a warrantable repair, additional time to remove any customer installed components will not be covered under warranty. Volvo Trucks' factory manufacturing records will be determinative as to factory installed components.
16. **TOWING:** Unless expressly provided in this Warranty Certificate, expenses for towing or road service are not covered. Failures caused by improper towing technique are not covered.
17. **SUSPENSION PARTS:** Suspension parts, including but not limited to rubber bushings, torque rod bushings, spring pins and bushings, and greased lubrication points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
18. **CAB STRUCTURE AND CORROSION:** Cab structural defects or cab corrosion that occurs in areas of the cab the previously were damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
19. **VENDOR ENGINES, ALLISON AUTOMATIC TRANSMISSIONS AND ALTERNATE FUEL STORAGE AND DELIVERY SYSTEMS:** Vendor engines, Allison automatic transmissions and alternate fuel (CNG/LNG/DME) fuel storage/delivery components used in Volvo trucks are warranted by their respective manufacturers and not by Volvo Trucks. Refer to the manufacturers' warranty statements.
20. **OIL CONSUMPTION:** Before a claim based upon excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds Volvo Trucks' published standards. Under no circumstances will warranty pay for repairs related to excessive oil consumption after the earlier of 24 months, 250,000 miles, 402,000 kilometers, or 6,250 engine hours.
21. **ENVIRONMENTAL DAMAGE:** Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been affected by exposure to the elements or chemical influence including, but not limited to, road sales/chemicals, industrial fall-out or the use of improper cleaners, polishes and/or waxes are not covered.
22. **ALIGNMENT:** Alignment of axle(s), balance of tires, changing of axle camber, caster, toe and thrust angle are not covered.
23. **GLASS:** Glass breakage and scratches are not covered unless physical proof of manufacturing responsibility is established.
24. **TIRES:** Tires are not covered by this warranty, but may be covered by separate warranties given by their respective manufacturers.
25. **CHANGES:** Volvo Trucks reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on vehicles previously built.

**THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER INCLUDING, WITHOUT LIMITATION OF THE FOREGOING, CONSEQUENTIAL, INDIRECT, AND INCIDENTAL DAMAGES. MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.**

# VOLVO

Volvo Trucks North America  
Post Office Box 26115  
Greensboro, North Carolina 27402-6115

# PRODUCT INFORMATION



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<b>875001</b>	<b>US &amp; CANADA VOLVO ENGINE EQUIPPED VEHICLE EMISSIONS COMPONENTS COVERAGE 60 MONTHS/100K MILES</b>
<b>Affects:</b>	VN, VHD
<b>Related:</b>	
<b>Updated:</b>	October 19, 2016

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**Note: PDF files are not official documents and serve only as reference items.**

**STANDARD EMISSIONS COMPONENT WARRANTY COVERAGE**  
**CERTIFICATE**  
**(EPA 2017)**

# STANDARD EMISSIONS WARRANTY CERTIFICATE (EPA 17)



Volvo Group North America LLC, d/b/a Volvo Trucks North America ("Volvo Trucks"), warrants certain individual components of the Emission Control System in a new Volvo truck equipped with a new Volvo D11, D13 and D16 EPA 17 emission engine in a new Volvo truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Volvo Trucks' maintenance and inspection requirements are followed. See your local authorized Volvo Trucks dealer for recommended maintenance and inspection procedures. All warranty periods are calculated from the date in service of the vehicle. All coverage is 100% for parts and labor subject to the qualifications, limitations and exclusions as noted.

LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR ON THE FOLLOWING PAGES OF THIS CERTIFICATE.  
THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This warranty applies to new Volvo D11, D13, and D16 engines meeting EPA 17 emission requirements in new Volvo trucks operated in the United States and Canada.

Emission Control System Warranty: Engine emission controls manufactured by Volvo Trucks North America are warranted to 60 months or 100,000 miles (160 934 km), whichever first occurs. Vehicles sold for use in California must have the Operator's Manual in the vehicle which contains the California Emission System Warranty.

USE OF IMPROPER OR UNAPPROVED FUEL OR ENGINE OIL WILL VOID THE ENGINE AND AFTERTREATMENT SYSTEM (DIESEL PARTICULATE FILTER) WARRANTIES. VOLVO ENGINES REQUIRE THE USE OF VOLVO SPECIFICATION VDS 4.5 HIGH PERFORMANCE DIESEL ENGINE OIL AND ULTRA LOW SULFUR DIESEL (ULSD) FUEL.

USE OF FLUIDS OTHER THAN API CERTIFIED DIESEL EXHAUST FLUID (DEF) WILL COMPROMISE AFTERTREATMENT SYSTEM PERFORMANCE, INCREASE EMISSIONS, AND MAY IMPACT THIS TRUCK'S PRODUCT WARRANTIES.

SEE FOLLOWING TABLE FOR SPECIFIC COVERAGES:

Covered Emission Components List: 60 Months or 100,000 Miles (160 934 km)	Qualifications and Limitations
Aftertreatment Control Module (ACM)	
Aftertreatment Diesel Particulate Filter (DPF) with Aftertreatment Diesel Oxidation Catalyst (DOC)	Includes: Aftertreatment doser, aftertreatment doser module (aftertreatment fuel shutoff valve, aftertreatment fuel pressure sensor), engine exhaust gas temperature (EGT) sensor, aftertreatment DPF intake temperature sensor, aftertreatment DPF outlet temperature sensor, aftertreatment DPF differential pressure sensor
Aftertreatment Wiring Harness (DPF)	
Aftertreatment Wiring Harness (SCR)	Includes: Jumper to AHI pressure regulator, ACM power supply, heater NOx Care, DEF tank
Charge Air Cooler (CAC)	
Crankcase Breather	Excludes: Crankcase pressure sensor
Crankcase Separator	
Crankcase Tubing & Hoses before Separator	
EGR Cooler	
EGR Valve and EGR Valve Control	
EGR Venturi	
Engine Electronic Control Unit (EECU)	For the failure to be covered under <u>Emissions Components</u> , the failure must effect the emissions of the unit.
Engine Turbocharger Assembly	Includes: Variable geometry turbo (VGT) actuator

Continued on Page 2...



<b>Covered Emission Components List: 60 Months or 100,000 Miles (160 934 km)</b>	<b>Qualifications and Limitations</b>
Exhaust Gas Piping	From turbocharger to aftertreatment system
Injectors	
Instrument Cluster	Limited to repair of microprocessor, MIL, real time clock, DEF Gauge, DEF Lamp
Selective Catalytic Reduction (SCR)	Includes: Aftertreatment selective catalytic reduction (SCR) catalyst, aftertreatment diesel exhaust fluid (DEF) pump (aftertreatment DEF dosing absolute pressure sensor, aftertreatment DEF return valve), aftertreatment DEF dosing valve, aftertreatment DEF Tank, aftertreatment DEF tank heater/sender, aftertreatment DEF tank heater, aftertreatment DEF tank heater valve, aftertreatment DEF tank temperature sensor, aftertreatment DEF level sensor, aftertreatment DEF heated lines, aftertreatment DEF quality sensor
Sensor, Aftertreatment Intake NOx	
Sensor, Aftertreatment Outlet NOx	
Sensor, Ambient Air Temperature Sensor	
Sensor, Crankshaft Position (CKP)	
Sensor, Engine Coolant Temperature (ECT)	
Sensor, Engine Exhaust Gas Recirculation (EGR) Differential Pressure Sensor	
Sensor, Engine Exhaust Gas Recirculation (EGR) Temperature	
Sensor, Intake Manifold Air Temperature/Pressure	
Sensor, Particulate Matter (PM)	
<b>GHG Covered Component 24 months or 24,000 miles (38 624 km)</b>	<b>Qualifications and Limitations</b>
Tires	Drive and Steer Only: The first 24 months or 24,000 miles (38 624 km) of vehicle operation, whichever occurs first, and applying only to the first set of tires on the vehicle when delivered to the ultimate purchaser. Subject to the terms and conditions of the tire manufacturer's warranty, excluding retreads. Emissions related warranty coverage only, refer to the specific tire manufacturer's warranty policy for other term lengths.
<b>GHG Covered Components 60 months or 100,000 miles (160 934 km) (Only those vehicles certified as "Highway Tractors" according to the requirements of Chapter 40 of the Code of Federal Regulations, Part 1037</b>	<b>Qualifications and Limitations</b>
Exterior Components	Limited to: Chassis fairings, ground effect extensions, roof deflectors, cab side deflectors, adjustable roof extensions, side deflector extensions, bumper deflectors, A-pillar deflectors
Air Conditioning Components	Limited to: A/C compressor; A/C condenser; A/C pressure switches and transducers; bunk climate unit; hoses (compressor to condenser, condenser to drier, drier to climate unit, climate unit to compressor, bunk climate unit); main climate unit; receiver drier

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12. **ACCESS TO INFORMATION:** Owner must allow Volvo Trucks full access to all data stored in all Electronic Control Modules; failure to do so may result in the loss of warranty coverage.
13. **LABOR:** Labor to remove and install a Covered Part is included only if a Volvo Trucks authorized dealer originally installed the Covered Part. Labor for overtime and/or shift differential is not covered. Excessive labor for a warrantable repair due to the prior installation of equipment or body is not covered.
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20. **OIL CONSUMPTION:** Before a claim based upon excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds Volvo Trucks' published standards. Under no circumstances will warranty pay for repairs related to excessive oil consumption after the earlier of 24 months, 250,000 miles, 402,000 kilometers, or 6,250 engine hours.
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22. **ALIGNMENT:** Alignment of axle(s), balance of tires, changing of axle camber, caster, toe and thrust angle are not covered.
23. **GLASS:** Glass breakage and scratches are not covered unless physical proof of manufacturing responsibility is established.
24. **TIRES:** Tires are not covered by this warranty, but may be covered by separate warranties given by their respective manufacturers.
25. **CHANGES:** Volvo Trucks reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on vehicles previously built.

**THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER INCLUDING, WITHOUT LIMITATION OF THE FOREGOING, CONSEQUENTIAL, INDIRECT AND INCIDENTAL DAMAGES. MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF VEHICLES, COMPONENTS OR PARTS.**

**VOLVO**

Volvo Trucks North America  
Post Office Box 26115  
Greensboro, North Carolina 27402-6115

# PRODUCT INFORMATION



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**874900      Base Volvo Engine Towing Coverage, 24 Months / 250,000 Miles****Affects:** VN, VHD**Related:****Updated:** April 4, 2016

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**Note: PDF files are not official documents and serve only as reference items.**

Base towing is included in the Standard Engine Warranty.  
Refer to the Standard Engine Warranty Certificate for coverage details.



## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286  
Your ref.

OKLAHOMA O M E S CENTRAL PURCH  
5005 N LINCOLN BLVD STE 333  
OKLAHOMA CITY 73105-3324  
OK

## Technical Specification

CHU612 R (13L) - 4x2 DAYCAB

11372 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR

AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP  
TO 25 HOURS PER YEAR

DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY  
VEHICLE BRAND

GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%

2018A Pricebook

CHU612 R (13L) - 4x2 DAYCAB

4754 / 2968 lb

COMMERCIAL

ALL 50 STATES, CARB ENGINE EMISSION (US17)

ENGLISH

FREIGHT- LOCAL TRUCK

LOCAL DISTRIBUTION

72,000 LB (32.5 TONNES) GROSS COMBINATION WEIGHT

ON HIGHWAY, STARTING GRADES<16%

CONCRETE LOADING AND / OR UNLOADING SURFACE

LINEHAUL / LONG HAUL SERVICE

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE

W/O MHD CONFIG PACKAGE

WITHOUT SPECIAL SALES PACKAGE

NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

THE AMERICAN TRUCK  
YOU CAN COUNT ON





## In Progress

### Variant

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Weight F/R

TURBO SINGLE STAGE

WITHOUT SCALABLE ROAD SPEED LIMITER

MP8-415C MACK 415HP @ 1400-1700 RPM (PEAK) 1950 RPM (GOV) 1660  
LB-FT, US'17

2165 / 541 lb

4000 HS 6 SP-ALLISON HIGHWAY SERIES GEN 5 W/PROGNOSTICS

732 / 245 lb

ALLISON VOC PKG# 223 RDS ON-OFF HIGHWAY (2ND REVERSE CAPABLE),  
PBAN

ENGINE GOVERNOR TYPE MIN-MAX

BASIC, GEAR-SELECTION TUNING

## EXHAUST/EMISSIONS

### Variant

### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON  
LOWER LH CORNER OF DRIVER DOOR

DPF COVER, PAINTED STEEL

CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17

WITHOUT EXHAUST STACK

UNDERFRAME EXHAUST, NO MUFFLER, RHS, INBOARD

-61 / -4 lb

EXHAUST HEAT SHIELD TYPE, BASIC

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

PAINTED FINISH DEF TANK COVER

W/O BRIGHT FINISH EXHAUST

EMISSION OBD, DISPLAY ONLY, USA2016

## ENGINE EQUIPMENT

### Variant

### Weight F/R

W/O INSIDE/OUTSIDE AIR INTAKE

WITHOUT BUG SCREEN

MERITOR/WABCO 318 18.7 CFM

STANDARD FUEL FILTER POSITION

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

16 / 0 lb

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

STANDARD COOLING PERFORMANCE

12 / -2 lb

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE

MACK MP8 / MP10 POWERLEASH

MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)

Hot Exhaust Gas used for Fuel Recirculation Heating

**THE AMERICAN TRUCK  
YOU CAN COUNT ON**





## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O FUEL HEATER  
1 BATTERY BOX (3 BATT CAPACITY) RH SIDE UNDER CAB  
W/O BATTERY DISCONNECT SWITCH  
MOLDED PLASTIC  
W/O EMERGENCY STARTING RECEPT.  
MACK BRAND EPDM RADIATOR & HEATER HOSES  
12 VOLT DELCO 39MT-MXT  
OIL PAN  
FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK  
W/O ENGINE HEATER  
W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER  
W/O ENGINE COLD START AID  
W/O OIL CHANGE SYSTEM  
W/O DBL OR TRPL ELECTRICAL PKGW/O DOUBLE TRAILER ELECTRICAL PACKAGE  
W/O BATTERY SHOCK PADS

### CLUTCH/TRANS EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE  
ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)  
OMIT CLUTCH  
MERITOR 176 MXL "XTENDED LUBE"  
W/O AIR ASSIST  
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS  
W/O CLUTCH PEDAL  
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER  
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING  
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE  
W/O GRADE GRIPPER  
ALUMINUM  
W/O CLUTCH BRAKE  
W/O LUBRICATION FITTING OPTION  
FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD TRANSMISSION  
W/O CLUTCH STARTING SWITCH OPTION  
W/O TRANSMISSION SHIFT SETTINGS  
WITHOUT TRANSMISSION PROTECTION  
ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)  
MACKCELLERATOR DISABLE

-141 / 0 lb  
-4 / -4 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### FRONT AXLE EQUIPMENT

#### Variant

#### Weight F/R

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

MACK HD TAPERLEAF 12000# (5443kg) GROUND LOAD RATING

MERITOR "S" CAM TYPE 16.5" x 5" Q+

36 / 0 lb

CAST IRON BRAKEDRUM, FRONT AXLE

OMIT

HALDEX - AUTOMATIC

FRONT BRAKE CHAMBER MANUFACTURER, ANCHORLOK

BASIC HUBCAP, FRONT

STANDARD F.A. SPINDLE NUTS

FAG SCHAEFFLER, FRONT GREASE SEAL

ABEX 931-162 (MERITOR R301)(FRT.AXLE 18,000 MAX)

FERROUS

106 / 0 lb

HD94 SHEP-PWR (INTEGRAL)

64 / 0 lb

FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

FRONT BRAKE CHAMBER 20SQ INCHES (SERVICE)

BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

### REAR AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT SUSPENSION PRESSURE DETECTION

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

W/O WIDE TRACK AXLE OPTION

VENDOR CARRIER

4.56 RATIO

23000# MULTILEAF SPRINGS, STANDARD SPRING THICKNESS

W/O AIR SUSP HEIGHT CONTROL

WITHOUT AIR SUSPENSION DUMP WARNING

W/O REAR SHOCK ABSORBERS

WITHOUT TRANSVERSE TORQUE RODS

MERITOR - CAM 16.5"x8 5/8" Q+

0 / -4 lb

CAST IRON BRAKE DRUMS

HALDEX - AUTOMATIC

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

OMIT

ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)

IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

0 / 159 lb

PREMIUM HUB OIL REAR SEAL

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

FACTORY OPTION LUBE - REAR AXLE  
HALDEX "GOLD SEAL" BRAKE CHAMBERS  
OMIT DIFFERENTIAL LOCKS - 3 AXLES  
SPINDLE NUTS, MAIN AXLE, INTERGRATED  
4S/4M SYSTEM REAR WHEEL END SENSORS  
BENDIX WITH TRACTION CONTROL  
BENDIX SWITCHES AND VALVES WHERE POSSIBLE

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

TRAILING BRAKES WITHOUT DUST SHIELDS  
WITHOUT AUXILIARY AXLE CONTROLS  
WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

180"	-132 / -132 lb
39"	-2 / 23 lb
STEEL - 266MM X 90MM X 6MM -- (10.47" X 3.54" X .24")	
W/O FRONT FRAME EXTENSION	
Standard Bumper Position	
DUAL DRAW AND RETURN FUEL SYSTEM	
W/O FRAME RAIL CLEARANCE	
W/O BRIGHT FINISH FUEL TANKS	
BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	
FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER	7 / -26 lb
WITHOUT TAPERED FRAME RAIL ENDS	0 / 7 lb
W/O RUST PREVENTATIVE OPTION	
W/O REAR MUD FLAP HANGER BRKTS	
W/O REAR MUD FLAPS	
BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)	
FLUSH-STAINLESS CLAD ALUMINUM	
STEEL	
W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE	
(2) CLEVIS	
W/O REAR TOWING DEVICE	
W/O REAR TOWING DEVICE	
72 GALLON (272 L) 26" ALUMINUM ROUND	56 / 25 lb
72 GALLON (272 L) 26" ALUMINUM ROUND	47 / 31 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O TOOL BOX  
NYLON TUBE  
W/O FILLER NECK SCREEN OPTION  
NON-LOCKABLE FUEL TANK CAP  
W/O FUEL TANK MODIFICATION OPTION  
W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE  
W/O FAST FILL FUEL SYSTEM OPTION  
W/O QUARTER FENDERS  
W/O ISOLATED TANK(S)

### AIR/BRAKE

#### Variant

#### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER,  
HEATED  
MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY  
STEEL  
W/O RELOCATION OPTION  
W/O PARK BRAKE ALARM  
SINGLE VALVE SYSTEM  
W/O RELOCATED AIR TANKS  
W/O INCREASED AIR RESERVOIR CAPACITY

### ELECTRICAL

#### Variant

#### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING  
W/O SPOTLIGHT  
WITHOUT BACK-UP ALARM  
WITHOUT FOG LIGHTS  
WITHOUT FOG LAMP TECHNOLOGY  
W/O AUX LAMP PROVISIONS  
FURNISH STANDARD TAIL-LIGHTS  
W/O MISC ELECT SWITCHES OPTION  
W/O MARKER/DIR SIGNAL OPTION  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

W/O OPTIONAL SLEEPER BOX REINFORCEMENT  
WITHOUT FIFTH WHEEL ANGLES

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT 5TH WHEEL ANGLE THICKNESS  
W/O FIFTH WHEEL GUIDE RAMPS  
W/O GLAD HAND COUPLINGS  
W/O HAND CONTROL VALVE  
OMIT TRAILER AIR BRAKE CONNECTIONS  
W/O HEAVY-DUTY POWER CIRCUIT  
WITHOUT TRAILER ELECTRICAL RECEPTACLE  
W/O TRAILER HOOK-UP LIGHT  
OMIT TRAILER CONNECTORS HOLDER

-17 / -13 lb

3 / 0 lb

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT EXTERIOR BRIGHT WORK  
WITHOUT HYDRAULIC PUMP  
NO FRAME MODIFICATIONS PROVIDED  
CERTIFIED WEIGHT  
W/O NEUTRAL CONTROL  
WITHOUT PTO CONTROL  
WITHOUT AIR UNLOAD SYSTEM  
W/O COLLISION WARNING SYSTEM  
WITHOUT PTO TRANSMISSION SIDE, FREE SPACE  
W/O LANE DEPARTURE SYS  
WITHOUT TIME GAP SETTINGS  
W/O SPECIAL DECALS  
WITHOUT CWS VOLUME LEVEL  
W/O REAR MTD PTO

### CAB (A THRU G)

#### Variant

#### Weight F/R

(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED  
CIGAR LIGHTER  
ASHTRAY  
U.S. UNITS (PREDOMINANT)  
STD PKG + ENG OIL TEMP, TRANSM OIL TEMP & EXH PYROMETER  
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE  
POLYURETHANE FLOOR MAT  
TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW  
(IF EQUIPPED)  
BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR  
WINDSHIELD POST

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

BRIGHT FINISH (CHROME) GRILLE W/BLACK BACKGROUND  
W/O AUTO RADIO SHUTOFF OPTION  
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION  
HEATER/DEFROSTER AND AIR CONDITIONER  
W/O FIRE EXTINGUISHER OPTION  
W/O POUCH  
W/O MISC ORNAMENT CHANGE OPTION  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND  
WITHOUT CAB CLEANOUT  
WITHOUT CAB SKIRT  
W/O HUBODOMETER  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
48" ANTENNA RIGHT SIDE MIRROR MOUNTED  
W/O CB RADIO  
COMPARTMENT W/NET  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL  
GENUINE - SLATE GRAY  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
W/O PERMIT PLATE OPTION  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
DASHBOARD MOUNTING STRAP  
CHASSIS KEYED AT RANDOM - 2 KEYS  
BODY COLORED AERO MIRRORS WITH INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR

-6 / -2 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) MOUNTED ON  
TOP OF DASH  
W/O ADDITIONAL REFLECTORS  
STORAGE POUCH REAR  
CHARCOAL GRAY  
WITHOUT HEATED MIRROR TIME-OUT  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
W/O SWIVEL SEAT OPTION  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
MACK FIXED (MID-BACK) NON-SUSPENSION  
ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
MANUAL CANCELLING TURN SIGNALS  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS  
W/O SIDE SHIELD EXTENSION OPTION

### WHEELS & TIRES

#### Variant

#### Weight F/R

WITHOUT WHEEL FINISHING TRAILING  
BASIC ROLLING RESISTANCE, POOR FUEL ECONOMY

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

OTHER (NON-SPECIFIED), VERY POOR FUEL ECONOMY

TWO FRONT TIRES & WHEELS

FOUR REAR AXLE TIRES & WHEELS

11R22.5 G BRIDGESTONE M843 (ALL POSITIONS)

139 / 0 lb

TIRE SPEED LIMIT BASIC

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO  
HAND HOLES (11 1/4"/286mm BC)

71 / 0 lb

W/O FRONT DISC WHEEL BRIGHT FINISH

11R22.5 G BRIDGESTONE M770 (DRIVE ONLY)

0 / 131 lb

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO  
HAND HOLE (11 1/4"/286 mm BC) wgt reduced

0 / 71 lb

WHEEL NUT BASIC FINISH, REAR

W/O REAR DISC WHEEL BRIGHT FINISH

WHEEL STUDS BASIC LENGTH

W/O FRONT WHEEL GUARD OPTION

W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

W/O FRONT WHEEL NUT OPTION

PROVIDE STANDARD VALVE STEMS AND CAPS

W/O SPARE WHEEL W/TIRE

W/O SPARE TIRE CARRIER

W/O HYDRAULIC JACK

## COMMUNICATION SYSTEMS

### Variant

### Weight F/R

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1

W/O NAVIGATION/COMM DEVICE

WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL

GUARDDOG CONNECT W/3G AND WLAN SYSTEM W/DIAGNOSTIC

## VEHICLE ELECTRONICS

### Variant

### Weight F/R

WITHOUT SERVICE ALERT SYSTEM

WITHOUT RESET DRIVER ID TIMER

DRIVER ID FUNCTION, DISABLED

WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS

WITHOUT DRIVER ID ALERT TIMER

WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED

WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL

WITHOUT FUEL ECONOMY PENALTY TARGET

WITHOUT FUEL ECONOMY REWARD TARGET

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF PTO ACTIVE  
WITHOUT IDLE S/D WARNING TIME  
ENGINE IDLE COOLDOWN, DISABLE  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
WITHOUT ELECTRONIC HAND THROTTLE, SPEED RAMP RATE  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
WITHOUT PTO 1ST, SINGLE SPEED SETTING  
WITHOUT 1ST PTO, MAX ROAD SPEED  
WITHOUT PTO 1ST, SPEED RAMP RATE  
WITHOUT PTO 1ST, MAX ENGINE SPEED  
WITHOUT PTO 1ST, ROAD SPEED LIMIT  
WITHOUT PTO 1ST, MINIMUM ENGINE SPEED  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
WITHOUT PTO 2ND, MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, SPEED RAMP RATE  
WITHOUT 2ND PTO, MAX ROAD SPEED  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE

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## In Progress

Date 1/4/2017  
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WITHOUT PTO 2ND, ROAD SPEED LIMIT  
WITHOUT PTO 2ND, SINGLE SPEED SETTING  
WITHOUT PTO 2ND, MAX ENGINE SPEED  
WITHOUT LOW IDLE RPM ADJUSTMENT  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, 650 RPM  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)  
AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)  
WITHOUT PTO2 HOLD

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## In Progress

Date 1/4/2017  
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WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD  
WITH RSL CONTROL TYPE NORMAL  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
1950 MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
SAME AS FIRST COLOR  
MACK BLACK (URETHANE)  
W/O OPTIONAL BUMPER PAINT  
W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE  
WITHOUT mDRIVE CLUTCH PROTECTION PLAN  
WITHOUT OMNITRACS FOR MACK TRUCKS  
W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION  
COVERAGE  
24 MNTH - GUARDDOG CONNECT - INCLUDES ASIST AND MACK ONECALL  
24 MNTH - ASIST AND MACK ONECALL  
NORMAL DUTY WARRANTY CLASSIFICATION  
NORMAL DUTY STANDARD BASE COVERAGE 12/MONTHS/100,000 MILES  
(161,000KM)  
MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES  
(402,000KM)  
US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE  
60 MONTHS/100,000 MILES (161,000 KM)  
W/O MACK ENGINE EXHAUST AFTERTREATMENT COVERAGE  
ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty  
and extended coverage data  
STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36  
MONTHS/350,000 (563,00 KM)  
AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12  
MONTHS UNLIMITED MILEAGE  
STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000  
MILES  
STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES  
(402,000 KM)  
W/O STARTER PURCHASED COVERAGE  
W/O ALTERNATOR PURCHASED COVERAGE  
W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE  
W/O PREMIUM MAINTENANCE PLAN  
W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Customer Adaptation

XM = 7240 MM, REAR AXLE POS

### Local Costs

18A CHUA Allison 4000 HS  
2017 Freight  
2018 Emission Surcharge CHU

### CXU612 R - 4x2 DAYCAB

11579 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR  
AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP  
TO 25 HOURS PER YEAR  
DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY  
VEHICLE BRAND  
GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%  
2018A Pricebook  
CXU612 R - 4x2 DAYCAB  
COMMERCIAL  
ALL 50 STATES, CARB ENGINE EMISSION (US17)  
ENGLISH  
FREIGHT- LOCAL TRUCK  
LOCAL DISTRIBUTION  
72,000 LB (32.5 TONNES) GROSS COMBINATION WEIGHT  
ON HIGHWAY, STARTING GRADES<16%  
CONCRETE LOADING AND / OR UNLOADING SURFACE  
LINEHAUL / LONG HAUL SERVICE

5424 / 2765 lb

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE  
WITHOUT SPECIAL SALES PACKAGE  
NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

#### Variant

#### Weight F/R

TURBO SINGLE STAGE  
WITHOUT SCALABLE ROAD SPEED LIMITER  
MP7-355A MACK 355HP @ 1500-1800 RPM (PEAK) 2100 RPM (GOV) 1260  
LB-FT, US'17

2549 / -231 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286  
732 / 245 lb

4000 HS 6 SP-ALLISON HIGHWAY SERIES GEN 5 W/PROGNOSTICS  
ALLISON VOC PKG# 223 RDS ON-OFF HIGHWAY (2ND REVERSE CAPABLE),  
PBAN  
ENGINE GOVERNOR TYPE MIN-MAX  
BASIC, GEAR-SELECTION TUNING

### EXHAUST/EMISSIONS

#### Variant

#### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON  
LOWER LH CORNER OF DRIVER DOOR  
DPF COVER, PAINTED STEEL  
CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17  
WITHOUT EXHAUST STACK  
UNDERFRAME EXHAUST, NO MUFFLER, RHS, INBOARD  
EXHAUST HEAT SHIELD TYPE, BASIC  
18.4 GALLON (70 L) 26" LEFT SIDE FRAME MTD  
PAINTED FINISH DEF TANK COVER  
W/O BRIGHT FINISH EXHAUST  
EMISSION OBD, DISPLAY ONLY, USA2016

-61 / -4 lb

### ENGINE EQUIPMENT

#### Variant

#### Weight F/R

W/O INSIDE/OUTSIDE AIR INTAKE  
WITHOUT BUG SCREEN  
MERITOR/WABCO 318 18.7 CFM  
STANDARD FUEL FILTER POSITION  
DELCO 12V 130A (24SI) BRUSH-TYPE  
(3) MACK 12V 650/1950 CCA THREADED STUD TYPE  
STANDARD COOLING PERFORMANCE  
TO -34 DEGREES F (-37 DEGREES C)  
MACK COOLANT CONDITIONER  
BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE  
MACK MP7 POWERLEASH  
MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)  
Hot Exhaust Gas used for Fuel Recirculation Heating  
W/O FUEL HEATER  
(4) BATTERY MAX, MTD LHS UNDER CAB, PARALLEL TO FRAME W/STEPS,  
W/AIR RESVR. MTD BELOW  
W/O BATTERY DISCONNECT SWITCH  
MOLDED PLASTIC  
W/O EMERGENCY STARTING RECEPT.

16 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

MACK BRAND EPDM RADIATOR & HEATER HOSES  
12 VOLT DELCO 39MT-MXT  
OIL PAN  
FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK  
W/O ENGINE HEATER  
W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER  
W/O ENGINE COLD START AID  
W/O OIL CHANGE SYSTEM  
W/O DBL OR TRPL ELECTRICAL PKGW/O DOUBLE TRAILER ELECTRICAL PACKAGE  
W/O BATTERY SHOCK PADS

### CLUTCH/TRANS EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE  
ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)  
OMIT CLUTCH  
MERITOR 176 MXL "XTENDED LUBE"  
W/O AIR ASSIST  
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS  
W/O CLUTCH PEDAL  
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER  
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING  
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE  
W/O GRADE GRIPPER  
ALUMINUM  
W/O CLUTCH BRAKE  
W/O LUBRICATION FITTING OPTION  
FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD TRANSMISSION  
WITHOUT TRANSMISSION ADAPTATION RING  
W/O CLUTCH STARTING SWITCH OPTION  
W/O TRANSMISSION SHIFT SETTINGS  
WITHOUT TRANSMISSION PROTECTION  
ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)  
MACKCELLERATOR DISABLE

### FRONT AXLE EQUIPMENT

#### Variant

#### Weight F/R

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

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

MACK HD TAPERLEAF 12000# (5443kg) GROUND LOAD RATING

MERITOR "S" CAM TYPE 16.5" x 5" Q+

36 / 0 lb

CAST IRON BRAKEDRUM, FRONT AXLE

OMIT

FRONT BRAKE CHAMBER MANUFACTURER, ANCHORLOK

HALDEX - AUTOMATIC

BASIC HUBCAP, FRONT

STANDARD F.A. SPINDLE NUTS

FAG SCHAEFFLER, FRONT GREASE SEAL

ABEX 931-162 (MERITOR R301)(FRT.AXLE 18,000 MAX)

FERROUS

106 / 0 lb

TAS-65 TRW INTEGRAL POWER

78 / 0 lb

MAINTENANCE FREE, RUBBER SPRING EYE BUSHINGS

FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

FRONT BRAKE CHAMBER 20SQ INCHES (SERVICE)

BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

### REAR AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT SUSPENSION PRESSURE DETECTION

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

W/O WIDE TRACK AXLE OPTION

VENDOR CARRIER

4.56 RATIO

23000# MULTILEAF SPRINGS, STANDARD SPRING THICKNESS

W/O AIR SUSP HEIGHT CONTROL

WITHOUT AIR SUSPENSION DUMP WARNING

W/O REAR SHOCK ABSORBERS

WITHOUT TRANSVERSE TORQUE RODS

MERITOR - CAM 16.5"x8 5/8" Q+

0 / -4 lb

CAST IRON BRAKE DRUMS

HALDEX - AUTOMATIC

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

OMIT

ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)

IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

0 / 159 lb

PREMIUM HUB OIL REAR SEAL

FACTORY OPTION LUBE - REAR AXLE

HALDEX "GOLD SEAL" BRAKE CHAMBERS

OMIT DIFFERENTIAL LOCKS - 3 AXLES

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

SPINDLE NUTS, MAIN AXLE, INTERGRATED  
4S/4M SYSTEM REAR WHEEL END SENSORS  
BENDIX WITH TRACTION CONTROL  
BENDIX SWITCHES AND VALVES WHERE POSSIBLE

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

TRAILING BRAKES WITHOUT DUST SHIELDS  
WITHOUT AUXILIARY AXLE CONTROLS  
WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

169"	-145 / -145 lb
39"	-2 / 23 lb
STEEL - 266MM X 90MM X 6MM -- (10.47" X 3.54" X .24")	
W/O FRONT FRAME EXTENSION	
Standard Bumper Position	
DUAL DRAW AND RETURN FUEL SYSTEM	
W/O FRAME RAIL CLEARANCE	
W/O BRIGHT FINISH FUEL TANKS	
BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	
FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER	7 / -26 lb
WITHOUT TAPERED FRAME RAIL ENDS	0 / 7 lb
W/O RUST PREVENTATIVE OPTION	
W/O REAR MUD FLAP HANGER BRKTS	
W/O REAR MUD FLAPS	
BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)	
FLUSH-NON METALLIC ARGENT W/ BLACK ACCENT	
STEEL	
W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE	
(2) CLEVIS	
W/O REAR TOWING DEVICE	
W/O REAR TOWING DEVICE	
72 GALLON (272 L) 26" ALUMINUM ROUND	56 / 25 lb
72 GALLON (272 L) 26" ALUMINUM ROUND	47 / 31 lb
W/O TOOL BOX	
NYLON TUBE	
W/O FILLER NECK SCREEN OPTION	

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

NON-LOCKABLE FUEL TANK CAP  
W/O FUEL TANK MODIFICATION OPTION  
W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE  
W/O FAST FILL FUEL SYSTEM OPTION  
W/O QUARTER FENDERS  
W/O ISOLATED TANK(S)

### AIR/BRAKE

#### Variant

#### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER,  
HEATED  
MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY  
STEEL  
W/O RELOCATION OPTION  
W/O PARK BRAKE ALARM  
SINGLE VALVE SYSTEM  
W/O RELOCATED AIR TANKS  
W/O INCREASED AIR RESERVOIR CAPACITY

### ELECTRICAL

#### Variant

#### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING  
W/O SPOTLIGHT  
WITHOUT BACK-UP ALARM  
WITHOUT FOG LIGHTS  
WITHOUT FOG LAMP TECHNOLOGY  
W/O AUX LAMP PROVISIONS  
FURNISH STANDARD TAIL-LIGHTS  
W/O MISC ELECT SWITCHES OPTION  
W/O MARKER/DIR SIGNAL OPTION  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

W/O OPTIONAL SLEEPER BOX REINFORCEMENT  
WITHOUT FIFTH WHEEL ANGLES  
WITHOUT 5TH WHEEL ANGLE THICKNESS  
W/O FIFTH WHEEL GUIDE RAMPS  
W/O GLAD HAND COUPLINGS

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O HAND CONTROL VALVE  
OMIT TRAILER AIR BRAKE CONNECTIONS  
W/O HEAVY-DUTY POWER CIRCUIT  
WITHOUT TRAILER ELECTRICAL RECEPTACLE  
W/O TRAILER HOOK-UP LIGHT  
OMIT TRAILER CONNECTORS HOLDER

-17 / -13 lb

3 / 0 lb

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT EXTERIOR BRIGHT WORK  
WITHOUT HYDRAULIC PUMP  
NO FRAME MODIFICATIONS PROVIDED  
CERTIFIED WEIGHT  
W/O NEUTRAL CONTROL  
WITHOUT PTO CONTROL  
WITHOUT AIR UNLOAD SYSTEM  
W/O COLLISION WARNING SYSTEM  
WITHOUT PTO TRANSMISSION SIDE, FREE SPACE  
W/O LANE DEPARTURE SYS  
WITHOUT TIME GAP SETTINGS  
W/O SPECIAL DECALS  
WITHOUT CWS VOLUME LEVEL  
W/O REAR MTD PTO

### CAB (A THRU G)

#### Variant

#### Weight F/R

(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED  
CIGAR LIGHTER  
ASHTRAY  
U.S. UNITS (PREDOMINANT)  
STD PKG + ENG OIL TEMP, TRANSM OIL TEMP & EXH PYROMETER  
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE  
POLYURETHANE FLOOR MAT  
TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW  
(IF EQUIPPED)  
BL EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR  
WINDSHIELD POST  
BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND HOOD MOUNTED  
W/O AUTO RADIO SHUTOFF OPTION  
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION  
HEATER/DEFROSTER AND AIR CONDITIONER

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O FIRE EXTINGUISHER OPTION  
W/O POUCH  
W/O MISC ORNAMENT CHANGE OPTION  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND  
WITHOUT CAB CLEANOUT  
WITHOUT CAB SKIRT  
W/O HUBODOMETER  
W/O BUG DEFLECTOR OPTION  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
48" ANTENNA RIGHT SIDE MIRROR MOUNTED  
W/O CB RADIO  
COMPARTMENT W/NET  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL  
GENUINE - SLATE GRAY  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
W/O PERMIT PLATE OPTION  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
DASHBOARD MOUNTING STRAP  
CHASSIS KEYED AT RANDOM - 2 KEYS  
BODY COLORED AERO MIRRORS WITH INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH

-6 / -2 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) MOUNTED ON TOP OF DASH  
W/O ADDITIONAL REFLECTORS  
STORAGE POUCH REAR  
CHARCOAL GRAY  
WITHOUT HEATED MIRROR TIME-OUT  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
W/O SWIVEL SEAT OPTION  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
MACK FIXED (MID-BACK) NON-SUSPENSION  
ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
MANUAL CANCELLING TURN SIGNALS  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS  
W/O SIDE SHIELD EXTENSION OPTION  
WITHOUT CHASSIS FAIRINGS

### WHEELS & TIRES

#### Variant

#### Weight F/R

BASIC ROLLING RESISTANCE, POOR FUEL ECONOMY  
OTHER (NON-SPECIFIED), VERY POOR FUEL ECONOMY  
WITHOUT WHEEL FINISHING TRAILING  
TWO FRONT TIRES & WHEELS

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### FOUR REAR AXLE TIRES & WHEELS

11R22.5 G BRIDGESTONE M843 (ALL POSITIONS)

139 / 0 lb

### TIRE SPEED LIMIT BASIC

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286mm BC)

71 / 0 lb

### W/O FRONT DISC WHEEL BRIGHT FINISH

11R22.5 G BRIDGESTONE M770 (DRIVE ONLY)

0 / 131 lb

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLE (11 1/4"/286 mm BC) wgt reduced

0 / 71 lb

### WHEEL NUT BASIC FINISH, REAR

### W/O REAR DISC WHEEL BRIGHT FINISH

### WHEEL STUDS BASIC LENGTH

### W/O FRONT WHEEL GUARD OPTION

### W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

### W/O FRONT WHEEL NUT OPTION

### PROVIDE STANDARD VALVE STEMS AND CAPS

### W/O SPARE WHEEL W/TIRE

### W/O SPARE TIRE CARRIER

### W/O HYDRAULIC JACK

## COMMUNICATION SYSTEMS

### Variant

### Weight F/R

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1

W/O NAVIGATION/COMM DEVICE

WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL

GUARDDOG CONNECT W/3G AND WLAN SYSTEM W/DIAGNOSTIC

## VEHICLE ELECTRONICS

### Variant

### Weight F/R

WITHOUT SERVICE ALERT SYSTEM

WITHOUT RESET DRIVER ID TIMER

DRIVER ID FUNCTION, DISABLED

WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS

WITHOUT DRIVER ID ALERT TIMER

WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED

WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL

WITHOUT FUEL ECONOMY PENALTY TARGET

WITHOUT FUEL ECONOMY REWARD TARGET

ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED

WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF PTO ACTIVE

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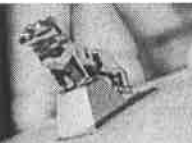


## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT IDLE S/D WARNING TIME  
ENGINE IDLE COOLDOWN, DISABLE  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
WITHOUT ELECTRONIC HAND THROTTLE, SPEED RAMP RATE  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
WITHOUT PTO 1ST, SINGLE SPEED SETTING  
WITHOUT 1ST PTO, MAX ROAD SPEED  
WITHOUT PTO 1ST, SPEED RAMP RATE  
WITHOUT PTO 1ST, MAX ENGINE SPEED  
WITHOUT PTO 1ST, ROAD SPEED LIMIT  
WITHOUT PTO 1ST, MINIMUM ENGINE SPEED  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
WITHOUT PTO 2ND, MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, SPEED RAMP RATE  
WITHOUT 2ND PTO, MAX ROAD SPEED  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
WITHOUT PTO 2ND, ROAD SPEED LIMIT  
WITHOUT PTO 2ND, SINGLE SPEED SETTING

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO 2ND, MAX ENGINE SPEED  
WITHOUT LOW IDLE RPM ADJUSTMENT  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, 650 RPM  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)  
AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)  
WITHOUT PTO2 HOLD  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO1 HOLD  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD  
WITH RSL CONTROL TYPE NORMAL  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
1950 MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
SAME AS FIRST COLOR  
MACK BLACK (URETHANE)  
W/O OPTIONAL BUMPER PAINT  
W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE  
WITHOUT PAINT  
WITHOUT PAINT

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

SAME AS CHASSIS RUNNING GEAR

SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE

WITHOUT mDRIVE CLUTCH PROTECTION PLAN

WITHOUT OMNITRACS FOR MACK TRUCKS

W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION  
COVERAGE

24 MNTH - GUARDDOG CONNECT - INCLUDES ASIST AND MACK ONECALL

24 MNTH - ASIST AND MACK ONECALL

NORMAL DUTY WARRANTY CLASSIFICATION

NORMAL DUTY STANDARD BASE COVERAGE 12/MONTHS/100,000 MILES  
(161,000KM)

MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES  
(402,000KM)

US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE  
60 MONTHS/100,000 MILES (161,000 KM)

W/O MACK ENGINE EXHAUST AFTERTREATMENT COVERAGE

ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty  
and extended coverage data

STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36  
MONTHS/350,000 (563,00 KM)

AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12  
MONTHS UNLIMITED MILEAGE

STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000  
MILES

STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES  
(402,000 KM)

W/O STARTER PURCHASED COVERAGE

W/O ALTERNATOR PURCHASED COVERAGE

W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE

W/O PREMIUM MAINTENANCE PLAN

W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

### Customer Adaptation

XM = 7240 MM, REAR AXLE POS

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Local Costs

18A CXUAllison 4000 HS  
2017 Freight  
2018 Emission Surcharge CXU

**GU432 R (9L) - 4x2 DAYCAB**

10748 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR  
AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP  
TO 25 HOURS PER YEAR  
REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE  
BRAND  
GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%  
2018A Pricebook  
GU432 R (9L) - 4x2 DAYCAB  
MUNICIPAL  
ALL 50 STATES, CARB ENGINE EMISSION (US17)  
ENGLISH  
WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE  
FREIGHT- LOCAL TRUCK  
NORMAL HIGHWAY, STARTING GRADES<12%  
ASPHALT LOADING AND / OR UNLOADING SURFACE  
PICKUP & DELIVERY / SHORT HAUL SERVICE

4489 / 3444 lb

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE  
W/O MHD CONFIG PACKAGE  
WITHOUT SPECIAL SALES PACKAGE  
NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

#### Variant

#### Weight F/R

TURBO SINGLE STAGE  
ISL9-D 350 CUMMINS 350HP @ 2200 RPM (GOV) 1150 LB-FT, US'17  
3000 RDS 6-SP ALLISON GEN5 W/PROGNOSTICS, WITH PTO PROVISION  
ALLISON VOC PKG# 146 RDS ON-OFF HWY PBAN  
ENGINE GOVERNOR TYPE MIN-MAX  
BASIC, GEAR-SELECTION TUNING

545 / 181 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### EXHAUST/EMISSIONS

#### Variant

#### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON LOWER LH CORNER OF DRIVER DOOR)  
DPF COVER, PAINTED STEEL  
CUMMINS SINGLE MODULE E.A.T.S. RH SIDE UNDER CAB US17  
9' 6" FROM GROUND  
SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END  
EXHAUST HEAT SHIELD TYPE, BASIC  
6.6 GALLON (25 L) 22" INTEGRAL TO LH FUEL TANK  
WITHOUT DEF TANK COVER  
SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF EQUIPPED)  
EMISSION OBD, DISPLAY ONLY, USA2016

### ENGINE EQUIPMENT

#### Variant

#### Weight F/R

11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE  
W/AIR INTAKE FROM BOTH SIDES OF HOOD  
W/O INSIDE/OUTSIDE AIR INTAKE  
BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER  
MERITOR/WABCO 318 18.7 CFM  
STANDARD FUEL FILTER POSITION  
DELCO 12V 130A (24SI) BRUSH-TYPE 16 / 0 lb  
(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE 16 / 5 lb  
STANDARD COOLING PERFORMANCE 12 / -2 lb  
TEXACO EXTENDED LIFE COOLANT #7998 W/NITRITES (50/50 MIX) TO -34 DEG  
OMIT COOLANT CONDITIONER FILTER  
KYSOR FAN, "ON-OFF"  
W/O ENGINE BRAKE  
DAVCO 382, NON-HEATED W/VENDOR PRIM & MACK SEC FUEL FILTER  
BATTERY BOX LEFT HAND RAIL BACK OF FUEL TANK  
Flaming River BIG SWITCH wired to positive side 3 / 0 lb  
MOLDED PLASTIC  
EMERGENCY START STUDS, BATTERY BOX MOUNTED 7 / 0 lb  
MACK BRAND EPDM RADIATOR & HEATER HOSES  
12 VOLT DELCO 39MT-MXT  
OIL PAN

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O TETHER DEVICE  
120V 1500 WATT ENGINE BLOCK HEATER  
W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER  
ELECTRIC PREHEATER  
W/O OIL CHANGE SYSTEM  
W/O BATTERY SHOCK PADS

5 / 0 lb

7 / 0 lb

### CLUTCH/TRANS EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE  
ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)  
OMIT CLUTCH  
MERITOR 176 MXL "XTENDED LUBE"  
W/O AIR ASSIST  
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS  
W/O CLUTCH PEDAL  
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER  
W/O TRANSMISSION DUSTPROOFING  
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING  
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE  
W/O GRADE GRIPPER  
ALUMINUM  
W/O CLUTCH BRAKE  
W/O LUBRICATION FITTING OPTION  
FURNISH TC421 FOR USE W/ALLISON 3000 SERIES TRANSMISSION  
WITHOUT TRANSMISSION ADAPTATION RING  
W/O CLUTCH STARTING SWITCH OPTION  
W/O TRANSMISSION SHIFT SETTINGS  
WITHOUT TRANSMISSION PROTECTION  
ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)  
MACKCELLERATOR DISABLE

-2 / -2 lb

### FRONT AXLE EQUIPMENT

#### Variant

#### Weight F/R

14600# (6600kg) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS  
MACK TAPERLEAF 14600# (6623kg) GROUND LOAD RATING  
MERITOR "S" CAM TYPE 16.5" x 5" Q+  
CAST IRON BRAKEDRUM, FRONT AXLE  
OMIT

69 / 0 lb

16 / 0 lb

36 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

FRONT BRAKE CHAMBER MANUFACTURER, MGM  
MERITOR - AUTOMATIC  
WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)  
STANDARD F.A. SPINDLE NUTS  
FAG SCHAFFLER, FRONT GREASE SEAL  
ABEX 931-162 (MERITOR R301)(FRT.AXLE 18,000 MAX)  
FERROUS  
DOUBLE ACTING TYPE  
THP60 TRW-PWR (INTEGRAL)  
FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT  
FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)  
BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

3 / 0 lb

157 / 0 lb

64 / 0 lb

## REAR AXLE EQUIPMENT

### Variant

### Weight F/R

21000# (9500kg) MERITOR RS-21-145 (MS21-14X4)  
W/O WIDE TRACK AXLE OPTION  
W/O LUBE PUMP AND FILTER  
VENDOR CARRIER  
4.33 RATIO  
21000# MULTILEAF  
WITHOUT BREATHER FILTER (W/O REAR AXLE BREATHERS)  
W/O AIR SUSP HEIGHT CONTROL  
WITHOUT AIR SUSPENSION DUMP WARNING  
W/O REAR SHOCK ABSORBERS  
WITHOUT TRANSVERSE TORQUE RODS  
MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+  
CAST IRON BRAKE DRUMS  
MERITOR - AUTOMATIC  
REAR SPRING BRAKE CHAMBERS 30/30 TYPE  
OMIT  
ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)  
IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT  
PREMIUM HUB OIL REAR SEAL  
WITHOUT POWER DIVIDER  
FACTORY OPTION LUBE - REAR AXLE  
MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS  
OMIT DIFFERENTIAL LOCKS - 3 AXLES  
SPINDLE NUTS, MAIN AXLE, INTERGRATED  
4S/4M SYSTEM REAR WHEEL END SENSORS

0 / -19 lb

0 / 159 lb

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## In Progress

Date 1/4/2017  
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BENDIX WITH TRACTION CONTROL  
BENDIX SWITCHES AND VALVES WHERE POSSIBLE  
W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT AUXILIARY AXLE CONTROLS  
TRAILING BRAKES WITHOUT DUST SHIELDS  
WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

189" 186 / 186 lb  
63" -28 / 327 lb  
STEEL - 300MM X 90MM X 9.5MM -- (11.81" X 3.54" X 0.37" )  
FRAME REINFORCEMENT - INSIDE, 5MM STEEL, FULL LENGTH OF MAIN RAIL  
WITHOUT FRAME REINFORCEMENT - OUTSIDE  
6" BOLT ON FRAME EXTENSION 155 / -2 lb  
Standard Bumper Position  
W/O FUEL LINE OPTION  
W/O FRAME RAIL CLEARANCE  
W/O BRIGHT FINISH FUEL TANKS  
WITHOUT GUARD  
BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK  
FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER  
WITHOUT TAPERED FRAME RAIL ENDS  
W/O RUST PREVENTATIVE OPTION  
W/O RADIATOR GUARD  
W/O REAR MUD FLAP HANGER BRKTS  
W/O REAR MUD FLAPS  
BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)  
EXTENDED-SWEPT BACK-STEEL  
BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL  
W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE  
HOOKS  
W/O REAR TOWING DEVICE  
W/O REAR TOWING DEVICE  
66 GALLON (250 L) 22" ALUMINUM, SLEEVED D-SHAPED 58 / 29 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

OMIT RH STANDARD  
W/O TOOL BOX  
BRAIDED HOSE  
W/O FILLER NECK SCREEN OPTION  
NON-LOCKABLE FUEL TANK CAP  
W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE  
W/O FAST FILL FUEL SYSTEM OPTION  
W/O QUARTER FENDERS  
W/O ISOLATED TANK(S)

5 / 3 lb

### AIR/BRAKE

#### Variant

#### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER, HEATED  
MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS  
STEEL  
W/O RELOCATION OPTION  
W/O PARK BRAKE ALARM  
TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK  
W/O RELOCATED AIR TANKS  
W/O INCREASED AIR RESERVOIR CAPACITY

### ELECTRICAL

#### Variant

#### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING  
W/O SPOTLIGHT  
WITHOUT PARKING BRAKE LIGHTING  
ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB  
WITHOUT FOG LIGHTS  
WITHOUT FOG LAMP TECHNOLOGY  
W/O AUX LAMP PROVISIONS  
FURNISH STANDARD TAIL-LIGHTS  
FURN. (1) EXTRA DASH MTD. ROCKER SWITCH (THRU IGNITION) FOR LOCAL INSTALLED ITEMS  
W/O MARKER/DIR SIGNAL OPTION  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT FIFTH WHEEL ANGLES  
WITHOUT 5TH WHEEL ANGLE THICKNESS  
GLAD HAND COUPLINGS - NORTH AMERICAN STD  
HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL FUNCTION 7 / 0 lb  
TRAILER AIR BRAKE CONNECTIONS, END OF FRAME 23 / 23 lb  
W/O HEAVY-DUTY POWER CIRCUIT  
SINGLE 7 PINS STD SAE TYPE, END OF FRAME  
W/O TRAILER HOOK-UP LIGHT

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT HYDRAULIC PUMP  
NO FRAME MODIFICATIONS PROVIDED  
CERTIFIED WEIGHT  
W/O OIL COOLER AUX TRANS OPTION  
WITHOUT PTO CONTROL  
W/O NEUTRAL CONTROL  
1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION) 16 / 0 lb  
WITHOUT AIR UNLOAD SYSTEM  
WITHOUT PTO TRANSMISSION SIDE, FREE SPACE  
BODY LINK III W/CAB PASS-THRU  
W/O SPECIAL DECALS  
WITHOUT REAR ENGINE POWER TAKE OFF  
W/O REAR MTD PTO

### CAB (A THRU G)

#### Variant

#### Weight F/R

BASIC FRONT WHEEL OPENING  
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED  
CIGAR LIGHTER  
ASHTRAY  
U.S. UNITS (PREDOMINANT)  
STANDARD GAUGE PACKAGE, PLUS TRANSMISSION OIL TEMPERATURE  
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE  
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION  
POLYURETHANE FLOOR MAT  
TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW (IF EQUIPPED)  
BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR WINDSHIELD POST

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

GRILLE PAINTED GRAY  
BLACK FINISH BARS W/O SURROUND RADIATOR MTD  
W/O AUTO RADIO SHUTOFF OPTION  
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION  
HEATER/DEFROSTER AND AIR CONDITIONER  
W/O FIRE EXTINGUISHER OPTION  
W/O CAB FAN, AUX AIR CIRC OPTION  
W/O POUCH  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND  
WITHOUT CAB CLEANOUT  
W/O OPTIONAL DASH MTD. LIGHT  
W/O HUBODOMETER  
W/O BUG DEFLECTOR OPTION  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
W/O INDEPENDENT ENGINE HOURMETER  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

31 / 0 lb

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
REAR CAB SUSPENSION, AIR  
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR  
W/O CB RADIO  
(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER  
MOUNTING FOR CB PROVISIONS  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
WITHOUT HOOD HATCH  
PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL  
PUREBRED SANDSTONE  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

CHASSIS KEYED AT RANDOM - 2 KEYS  
AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH  
INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER  
CONSOLE  
W/O ROOF VENT VENTILATION  
STORAGE POUCH REAR  
CHARCOAL GRAY  
HEATED MIRROR TIME-OUT, 60 MIN  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

7 / 0 lb

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O WORK LIGHTS  
ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
SELF CANCELLING TURN SIGNALS  
WINDSHIELD WASHER RESERVOIR INSTALLED BOC  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

47 / 16 lb

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS

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## In Progress

### WHEELS & TIRES

#### Variant

WITHOUT WHEEL FINISHING TRAILING

LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY

ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY

TWO FRONT TIRES & WHEELS

FOUR REAR AXLE TIRES & WHEELS

315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS)

161 / 0 lb

TIRE SPEED LIMIT BASIC

22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND HOLES (11 1/4"/286mm BC) 5.25" INSE

93 / 0 lb

W/O FRONT DISC WHEEL BRIGHT FINISH

11R22.5 G BRIDGESTONE M710 (DRIVE ONLY)

0 / 122 lb

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286 mm BC)

0 / 84 lb

WHEEL NUT BASIC FINISH, REAR

WITHOUT REAR WHEEL RIM CLAMP

W/O REAR DISC WHEEL BRIGHT FINISH

WHEEL STUDS BASIC LENGTH

W/O FRONT WHEEL GUARD OPTION

W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

W/O FRONT WHEEL NUT OPTION

PROVIDE STANDARD VALVE STEMS AND CAPS

W/O SPARE WHEEL W/TIRE

W/O SPARE TIRE CARRIER

W/O HYDRAULIC JACK

### COMMUNICATION SYSTEMS

#### Variant

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1

WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL

W/O GUARDDOG CONNECT OR DIAGNOSTIC SERVICES

#### Weight F/R

### VEHICLE ELECTRONICS

#### Variant

WITHOUT SERVICE ALERT SYSTEM

WITHOUT RESET DRIVER ID TIMER

DRIVER ID FUNCTION, DISABLED

WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS

WITHOUT DRIVER ID ALERT TIMER

#### Weight F/R

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## In Progress

Date 1/4/2017  
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WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED  
WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL  
WITHOUT FUEL ECONOMY PENALTY TARGET  
WITHOUT FUEL ECONOMY REWARD TARGET  
ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE  
30 SEC IDLE S/D WARNING TIME  
ENGINE IDLE COOLDOWN, DISABLE  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
WITHOUT ENG BRK ENGAGE IN CRUISE  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
WITHOUT PTO 1ST, SINGLE SPEED SETTING  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
WITHOUT PTO 1ST, MAX ENGINE SPEED  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
WITHOUT PTO 2ND, MINIMUM ENGINE SPEED

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
WITHOUT PTO 2ND, SINGLE SPEED SETTING  
WITHOUT PTO 2ND, MAX ENGINE SPEED  
WITHOUT LOW IDLE RPM ADJUSTMENT  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, PERMANENT IDLE SHUTDOWN OVERRIDE  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
WITHOUT AMBIENT TEMP MIN THRESHOLD

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT AMBIENT TEMP MAX THRESHOLD  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
WITHOUT POWER DIVIDER LOCK OUT (PLDO) ROAD SPEED LIMIT  
WITHOUT PTO2 HOLD  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
WITHOUT IDLE SHUTDOWN OVERRIDE  
WITHOUT WITH RSL CONTROL TYPE  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
WITHOUT MIRROR COVER PAINT  
MACK BLACK (URETHANE)  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE  
WITHOUT OMNITRACS FOR MACK TRUCKS  
NO GUARDDOG CONNECT (ASSIST & MACK ONECALL)  
24 MNTH - ASIST AND MACK ONECALL  
HEAVY DUTY WARRANTY CLASSIFICATION  
HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES  
(161,000 KM)  
CUMMINS ENGINES 8.9L (Contact Cummins for Standard Warranty and  
Extended Coverage Details)  
CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended  
Coverage Details)  
ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty  
and extended coverage data  
STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36  
MONTHS/350,000 (563,00 KM)  
AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12  
MONTHS UNLIMITED MILEAGE  
STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000  
MILES  
STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES  
(402,000 KM)

### Customer Adaptation

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

XM = 7190 MM, REAR AXLE POS.  
RS21145 21000 LB-MERITOR 9500 KG (MAX ENG TORQUE  
1200 LB-FT)  
9.5 TONNES (21,000 LBS), REAR AXLE LOAD  
21000 LB. 9500 KG.  
SOLO AXLE S-RED. 9.5T, GCW 27T, MERITOR (RS21-145)  
21000LB MULTILEAF 9500KG  
9.5 TONS REAR SUSPENSION CAPACITY

### Local Costs

2017 Freight

**GU532 R (9L) - 4x2 DAYCAB**

10487 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR  
AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP  
TO 25 HOURS PER YEAR  
REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE  
BRAND  
GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%  
2018A Pricebook  
GU532 R (9L) - 4x2 DAYCAB  
MUNICIPAL  
ALL 50 STATES, CARB ENGINE EMISSION (US17)  
ENGLISH  
WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE  
FREIGHT- LOCAL TRUCK  
65,000 LB (29.5 TONNES) GROSS COMBINATION WEIGHT  
NORMAL HIGHWAY, STARTING GRADES<12%  
CONCRETE LOADING AND / OR UNLOADING SURFACE  
PICKUP & DELIVERY / SHORT HAUL SERVICE

3823 / 3960 lb

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE  
W/O TRUCK CONFIG PACKAGE  
WITHOUT SPECIAL SALES PACKAGE  
NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

#### Variant

#### Weight F/R

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### TURBO SINGLE STAGE

ISL9-D 350 CUMMINS 350HP @ 2200 RPM (GOV) 1150 LB-FT, US'17

3000 RDS 6-SP ALLISON GEN5 W/PROGNOSTICS, WITH PTO PROVISION

545 / 181 lb

ALLISON VOC PKG# 146 RDS ON-OFF HWY PBAN

ENGINE GOVERNOR TYPE MIN-MAX

BASIC, GEAR-SELECTION TUNING

### EXHAUST/EMISSIONS

#### Variant

#### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON LOWER LH CORNER OF DRIVER DOOR

DPF COVER, PAINTED STEEL

CUMMINS SINGLE MODULE E.A.T.S. RH SIDE UNDER CAB US'17

9' 6" FROM GROUND

SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END

EXHAUST HEAT SHIELD TYPE, BASIC

6.6 GALLON (25 L) 22" INTEGRAL TO LH FUEL TANK

WITHOUT DEF TANK COVER

SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF EQUIPPED)

EMISSION OBD, DISPLAY ONLY, USA2016

### ENGINE EQUIPMENT

#### Variant

#### Weight F/R

11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM BOTH SIDES OF HOOD

W/O INSIDE/OUTSIDE AIR INTAKE

BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER

MERITOR/WABCO 318 18.7 CFM

STANDARD FUEL FILTER POSITION

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

16 / 0 lb

(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE

16 / 5 lb

STANDARD COOLING PERFORMANCE

12 / -2 lb

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

OMIT COOLANT CONDITIONER FILTER

KYSOR FAN, "ON-OFF"

W/O ENGINE BRAKE

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

W/O FUEL HEATER

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

BATTERY BOX LEFT HAND RAIL BACK OF FUEL TANK  
MAIN SWITCH, MTD INSIDE CAB, GROUND ACCESSIBLE  
MOLDED PLASTIC  
EMERGENCY START STUDS, BATTERY BOX MOUNTED  
MACK BRAND EPDM RADIATOR & HEATER HOSES  
12 VOLT DELCO 39MT-MXT  
OIL PAN  
W/O TETHER DEVICE  
120V 1500 WATT ENGINE BLOCK HEATER  
W/O OIL PAN HEATER OPTION W/O OIL PAN HEATER  
ELECTRIC PREHEATER  
W/O OIL CHANGE SYSTEM  
W/O BATTERY SHOCK PADS

7 / 0 lb

5 / 0 lb

7 / 0 lb

## CLUTCH/TRANS EQUIPMENT

### Variant

### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE  
ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)  
OMIT CLUTCH  
MERITOR 176 MXL "XTENDED LUBE"  
W/O AIR ASSIST  
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS  
W/O CLUTCH PEDAL  
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER  
W/O TRANSMISSION DUSTPROOFING  
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING  
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE  
W/O GRADE GRIPPER  
ALUMINUM  
W/O CLUTCH BRAKE  
W/O LUBRICATION FITTING OPTION  
FURNISH TC421 FOR USE W/ALLISON 3000 SERIES TRANSMISSION  
WITHOUT TRANSMISSION ADAPTATION RING  
W/O CLUTCH STARTING SWITCH OPTION  
W/O TRANSMISSION SHIFT SETTINGS  
WITHOUT TRANSMISSION PROTECTION  
ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)  
MACKCELLERATOR DISABLE

-2 / -2 lb

## FRONT AXLE EQUIPMENT

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## In Progress

### Variant

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Weight F/R

14600# (6600kg) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS  
MACK TAPERLEAF 14600# (6623kg) GROUND LOAD RATING  
MERITOR "S" CAM TYPE 16.5" x 5" Q+  
CAST IRON BRAKEDRUM, FRONT AXLE  
OMIT  
MERITOR - AUTOMATIC  
FRONT BRAKE CHAMBER MANUFACTURER, MGM  
WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)  
STANDARD F.A. SPINDLE NUTS  
FAG SCHAEFFLER, FRONT GREASE SEAL  
ABEX 931-162 (MERITOR R301)(FRT.AXLE 18,000 MAX)  
FERROUS  
DOUBLE ACTING TYPE  
M100P SHEPPARD POWER  
FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT  
FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)  
BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

69 / 0 lb

16 / 0 lb

36 / 0 lb

3 / 0 lb

157 / 0 lb

75 / 0 lb

## REAR AXLE EQUIPMENT

### Variant

### Weight F/R

21000# (9500kg) MERITOR RS-21-145 (MS21-14X4)  
W/O WIDE TRACK AXLE OPTION  
W/O LUBE PUMP AND FILTER  
VENDOR CARRIER  
4.88 RATIO  
21000# MULTILEAF  
WITHOUT BREATHER FILTER (W/O REAR AXLE BREATHERS)  
W/O AIR SUSP HEIGHT CONTROL  
WITHOUT AIR SUSPENSION DUMP WARNING  
W/O REAR SHOCK ABSORBERS  
WITHOUT TRANSVERSE TORQUE RODS  
MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+  
CAST IRON BRAKE DRUMS  
MERITOR - AUTOMATIC  
REAR SPRING BRAKE CHAMBERS 30/30 TYPE  
OMIT  
ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)  
IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

0 / -19 lb

0 / 159 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

PREMIUM HUB OIL REAR SEAL  
WITHOUT POWER DIVIDER  
FACTORY OPTION LUBE - REAR AXLE  
MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS  
OMIT DIFFERENTIAL LOCKS - 3 AXLES  
SPINDLE NUTS, MAIN AXLE, INTERGRATED  
4S/4M SYSTEM REAR WHEEL END SENSORS  
BENDIX WITH TRACTION CONTROL  
BENDIX SWITCHES AND VALVES WHERE POSSIBLE  
W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT AUXILIARY AXLE CONTROLS  
TRAILING BRAKES WITHOUT DUST SHIELDS  
WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

167"  
63"  
STEEL - 300MM X 90MM X 9.5MM -- (11.81" X 3.54" X 0.37" )  
FRAME REINFORCEMENT - INSIDE, 5MM STEEL, FULL LENGTH OF MAIN RAIL  
WITHOUT FRAME REINFORCEMENT - OUTSIDE  
6" BOLT ON FRAME EXTENSION  
Standard Bumper Position  
W/O FUEL LINE OPTION  
W/O FRAME RAIL CLEARANCE  
W/O BRIGHT FINISH FUEL TANKS  
WITHOUT GUARD  
BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK  
FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER  
WITHOUT TAPERED FRAME RAIL ENDS  
W/O RUST PREVENTATIVE OPTION  
W/O RADIATOR GUARD  
W/O REAR MUD FLAP HANGER BRKTS  
W/O REAR MUD FLAPS  
BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)

126 / 126 lb  
-28 / 327 lb

155 / -2 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

EXTENDED-SWEPT BACK-STEEL  
BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL  
W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE  
HOOKS  
W/O REAR TOWING DEVICE  
W/O REAR TOWING DEVICE  
66 GALLON (250 L) 22" ALUMINUM, SLEEVED D-SHAPED  
OMIT RH STANDARD  
W/O TOOL BOX  
BRAIDED HOSE  
W/O FILLER NECK SCREEN OPTION  
NON-LOCKABLE FUEL TANK CAP  
W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE  
W/O FAST FILL FUEL SYSTEM OPTION  
W/O QUARTER FENDERS  
W/O ISOLATED TANK(S)

58 / 29 lb

5 / 3 lb

### AIR/BRAKE

#### Variant

#### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER,  
HEATED  
MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS  
STEEL  
W/O RELOCATION OPTION  
W/O PARK BRAKE ALARM  
TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND  
TRACTOR-TRAILER PARK  
W/O RELOCATED AIR TANKS  
W/O INCREASED AIR RESERVOIR CAPACITY

### ELECTRICAL

#### Variant

#### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING  
W/O SPOTLIGHT  
WITHOUT PARKING BRAKE LIGHTING  
ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB  
WITHOUT FOG LIGHTS  
WITHOUT FOG LAMP TECHNOLOGY  
W/O AUX LAMP PROVISIONS  
FURNISH STANDARD TAIL-LIGHTS

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

FURN. (1) EXTRA DASH MTD. ROCKER SWITCH (THRU IGNITION) FOR  
LOCAL INSTALLED ITEMS

W/O MARKER/DIR SIGNAL OPTION

PARK BRAKE AND ENGINE RUNNING ACTIVATED

WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

WITHOUT FIFTH WHEEL ANGLES

WITHOUT 5TH WHEEL ANGLE THICKNESS

GLAD HAND COUPLINGS - NORTH AMERICAN STD

HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL  
FUNCTION

7 / 0 lb

TRAILER AIR BRAKE CONNECTIONS, END OF FRAME

23 / 23 lb

W/O HEAVY-DUTY POWER CIRCUIT

SINGLE 7 PINS STD SAE TYPE, END OF FRAME

W/O TRAILER HOOK-UP LIGHT

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT HYDRAULIC PUMP

NO FRAME MODIFICATIONS PROVIDED

CERTIFIED WEIGHT

W/O OIL COOLER AUX TRANS OPTION

WITHOUT PTO CONTROL

W/O NEUTRAL CONTROL

1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)

16 / 0 lb

WITHOUT AIR UNLOAD SYSTEM

WITHOUT PTO TRANSMISSION SIDE, FREE SPACE

BODY LINK III W/CAB PASS-THRU

W/O SPECIAL DECALS

WITHOUT REAR ENGINE POWER TAKE OFF

W/O REAR MTD PTO

### CAB (A THRU G)

#### Variant

#### Weight F/R

BASIC FRONT WHEEL OPENING

(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED

CIGAR LIGHTER

ASHTRAY

U.S. UNITS (PREDOMINANT)

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

STANDARD GAUGE PACKAGE, PLUS TRANSMISSION OIL TEMPERATURE  
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE  
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION  
POLYURETHANE FLOOR MAT  
TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW  
(IF EQUIPPED)  
BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR  
WINDSHIELD POST  
GRILLE PAINTED GRAY  
BLACK FINISH BARS W/O SURROUND RADIATOR MTD  
W/O AUTO RADIO SHUTOFF OPTION  
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION  
HEATER/DEFROSTER AND AIR CONDITIONER  
W/O FIRE EXTINGUISHER OPTION  
W/O CAB FAN, AUX AIR CIRC OPTION  
W/O POUCH  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND  
WITHOUT CAB CLEANOUT  
W/O OPTIONAL DASH MTD. LIGHT  
W/O HUBODOMETER  
W/O BUG DEFLECTOR OPTION  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
W/O INDEPENDENT ENGINE HOURMETER  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

31 / 0 lb

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
REAR CAB SUSPENSION, AIR  
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR  
W/O CB RADIO  
(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER  
MOUNTING FOR CB PROVISIONS  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
WITHOUT HOOD HATCH  
PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

PUREBRED SANDSTONE  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE  
CHASSIS KEYED AT RANDOM - 2 KEYS  
AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH  
INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER  
CONSOLE  
W/O ROOF VENT VENTILATION  
STORAGE POUCH REAR  
CHARCOAL GRAY  
HEATED MIRROR TIME-OUT, 60 MIN  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

7 / 0 lb

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O WORK LIGHTS  
ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
SELF CANCELLING TURN SIGNALS

47 / 16 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WINDSHIELD WASHER RESERVOIR INSTALLED BOC  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS

### WHEELS & TIRES

#### Variant

#### Weight F/R

WITHOUT WHEEL FINISHING TRAILING  
LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY  
ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY  
TWO FRONT TIRES & WHEELS  
FOUR REAR AXLE TIRES & WHEELS  
315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS) 161 / 0 lb  
TIRE SPEED LIMIT BASIC  
22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND HOLES (11 1/4"/286mm BC) 5.25" INSE 93 / 0 lb  
W/O FRONT DISC WHEEL BRIGHT FINISH  
11R22.5 G BRIDGESTONE M710 (DRIVE ONLY) 0 / 122 lb  
22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286 mm BC) 0 / 84 lb  
WHEEL NUT BASIC FINISH, REAR  
WITHOUT REAR WHEEL RIM CLAMP  
W/O REAR DISC WHEEL BRIGHT FINISH  
WHEEL STUDS BASIC LENGTH  
W/O FRONT WHEEL GUARD OPTION  
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM  
W/O FRONT WHEEL NUT OPTION  
PROVIDE STANDARD VALVE STEMS AND CAPS  
W/O SPARE WHEEL W/TIRE  
W/O SPARE TIRE CARRIER  
W/O HYDRAULIC JACK

### COMMUNICATION SYSTEMS

#### Variant

#### Weight F/R

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1  
WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL  
W/O GUARDDOG CONNECT OR DIAGNOSTIC SERVICES

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### VEHICLE ELECTRONICS

#### Variant

#### Weight F/R

WITHOUT SERVICE ALERT SYSTEM  
WITHOUT RESET DRIVER ID TIMER  
DRIVER ID FUNCTION, DISABLED  
WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS  
WITHOUT DRIVER ID ALERT TIMER  
WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED  
WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL  
WITHOUT FUEL ECONOMY PENALTY TARGET  
WITHOUT FUEL ECONOMY REWARD TARGET  
ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE  
30 SEC IDLE S/D WARNING TIME  
ENGINE IDLE COOLDOWN, DISABLE  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
WITHOUT ENG BRK ENGAGE IN CRUISE  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
WITHOUT PTO 1ST, SINGLE SPEED SETTING  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
WITHOUT PTO 1ST, MAX ENGINE SPEED  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
WITHOUT PTO 2ND, MINIMUM ENGINE SPEED  
PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
WITHOUT PTO 2ND, SINGLE SPEED SETTING  
WITHOUT PTO 2ND, MAX ENGINE SPEED  
WITHOUT LOW IDLE RPM ADJUSTMENT  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, PERMANENT IDLE SHUTDOWN OVERRIDE  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
WITHOUT AMBIENT TEMP MIN THRESHOLD  
WITHOUT AMBIENT TEMP MAX THRESHOLD  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
WITHOUT POWER DIVIDER LOCK OUT (PLDO) ROAD SPEED LIMIT  
WITHOUT PTO2 HOLD  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
WITHOUT IDLE SHUTDOWN OVERRIDE  
WITHOUT WITH RSL CONTROL TYPE  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
WITHOUT MIRROR COVER PAINT  
MACK BLACK (URETHANE)  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR  
W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNUNG GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE  
WITHOUT OMNITRACS FOR MACK TRUCKS  
NO GUARDDOG CONNECT (ASSIST & MACK ONECALL)  
24 MNTH - ASIST AND MACK ONECALL  
HEAVY DUTY WARRANTY CLASSIFICATION  
HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES  
(161,000 KM)  
CUMMINS ENGINES 8.9L (Contact Cummins for Standard Warranty and  
Extended Coverage Details)  
CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended  
Coverage Details)  
ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty  
and extended coverage data)

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)  
AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE  
STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES  
STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)  
W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

### Customer Adaptation

RS21145 21000 LB-MERITOR 9500 KG (MAX ENG TORQUE 1200 LB-FT)  
9.5 TONNES (21,000 LBS), REAR AXLE LOAD  
21000 LB. 9500 KG.  
SOLO AXLE S-RED. 9.5T, GCW 27T, MERITOR (RS21-145)  
21000LB MULTILEAF 9500KG  
9.5 TONS REAR SUSPENSION CAPACITY  
XM = 7190 MM, REAR AXLE POS.

### Local Costs

2017 Freight

**GU433 R (9L) - 6x4 DAYCAB**

11836 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR  
AMBIENT TEMPERATURE VERY HOT. WARMER THAN 104 F (40 C) MORE THAN 25 HOURS PER YEAR  
DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND  
GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%  
2018A Pricebook  
GU433 R (9L) - 6x4 DAYCAB  
MUNICIPAL  
ALL 50 STATES, CARB ENGINE EMISSION (US17)  
ENGLISH  
WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE  
DUMP TRUCK  
80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT  
NORMAL HIGHWAY, STARTING GRADES<12%  
HARD DIRT LOADING AND / OR UNLOADING SURFACE  
CONSTRUCTION SERVICE

4837 / 1363 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE  
W/O MHD CONFIG PACKAGE  
WITHOUT SPECIAL SALES PACKAGE  
NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

#### Variant

#### Weight F/R

TURBO SINGLE STAGE  
ISL9-D 350 CUMMINS 350HP @ 2200 RPM (GOV) 1150 LB-FT, US'17  
3000 RDS 6-SP ALLISON GEN5 W/PROGNOSTICS, WITH PTO PROVISION  
ALLISON VOC PKG# 146 RDS ON-OFF HWY PBAN  
ENGINE GOVERNOR TYPE MIN-MAX  
BASIC, GEAR-SELECTION TUNING

545 / 181 lb

### EXHAUST/EMISSIONS

#### Variant

#### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON  
LOWER LH CORNER OF DRIVER DOOR  
DPF COVER, PAINTED STEEL  
CUMMINS SINGLE MODULE E.A.T.S. RH SIDE UNDER CAB US17  
9' 6" FROM GROUND  
SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER,  
TURNED END  
EXHAUST HEAT SHIELD TYPE, BASIC  
6.6 GALLON (25 L) 22" INTEGRAL TO LH FUEL TANK  
WITHOUT DEF TANK COVER  
SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF  
EQUIPPED)  
EMISSION OBD, DISPLAY ONLY, USA2016

### ENGINE EQUIPMENT

#### Variant

#### Weight F/R

11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE  
W/AIR INTAKE FROM BOTH SIDES OF HOOD  
W/O INSIDE/OUTSIDE AIR INTAKE  
BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT  
COVER  
MERITOR/WABCO 318 18.7 CFM  
STANDARD FUEL FILTER POSITION

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

DELCO 12V 130A (24SI) BRUSH-TYPE	16 / 0 lb
(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE	16 / 5 lb
STANDARD COOLING PERFORMANCE	12 / -2 lb
TEXACO EXTENDED LIFE COOLANT #7998 W/NITRITES (50/50 MIX) TO -34 DEG	
OMIT COOLANT CONDITIONER FILTER	
KYSOR FAN, "ON-OFF"	
W/O ENGINE BRAKE	
DAVCO 382, NON-HEATED W/VENDOR PRIM & MACK SEC FUEL FILTER	
BATTERY BOX LEFT HAND RAIL BACK OF FUEL TANK	
Flaming River BIG SWITCH wired to positive side	3 / 0 lb
MOLDED PLASTIC	
EMERGENCY START STUDS, BATTERY BOX MOUNTED	7 / 0 lb
MACK BRAND EPDM RADIATOR & HEATER HOSES	
12 VOLT DELCO 39MT-MXT	
OIL PAN	
W/O TETHER DEVICE	
120V 1500 WATT ENGINE BLOCK HEATER	5 / 0 lb
W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER	
ELECTRIC PREHEATER	7 / 0 lb
W/O OIL CHANGE SYSTEM	
W/O DBL OR TRPL ELECTRICAL PKGW/O DOUBLE TRAILER ELECTRICAL PACKAGE	
W/O BATTERY SHOCK PADS	

## CLUTCH/TRANS EQUIPMENT

### Variant

### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE	
ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)	
OMIT CLUTCH	
MERITOR 176 MXL "XTENDED LUBE"	-8 / -8 lb
W/O AIR ASSIST	
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS	
W/O CLUTCH PEDAL	
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER	
W/O TRANSMISSION DUSTPROOFING	
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING	
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE	
MERITOR 17 MXL "XTENDED LUBE"	
W/O GRADE GRIPPER	

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

HALF-ROUND UNIVERSAL JOINT  
ALUMINUM  
W/O CLUTCH BRAKE  
W/O LUBRICATION FITTING OPTION  
FURNISH TC421 FOR USE WALLISON 3000 SERIES TRANSMISSION  
WITHOUT TRANSMISSION ADAPTATION RING  
W/O CLUTCH STARTING SWITCH OPTION  
W/O TRANSMISSION SHIFT SETTINGS  
WITHOUT TRANSMISSION PROTECTION  
ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)  
MACKCELLERATOR DISABLE

### FRONT AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT FRONT AXLE SPREAD	
14600# (6600kg) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS	69 / 0 lb
W/O 2ND FRONT AXLE	
MACK TAPERLEAF 14600# (6623kg) GROUND LOAD RATING	16 / 0 lb
MERITOR "S" CAM TYPE 16.5" x 5" Q+	36 / 0 lb
CAST IRON BRAKEDRUM, FRONT AXLE	
OMIT	
FRONT BRAKE CHAMBER MANUFACTURER, MGM	
MERITOR - AUTOMATIC	3 / 0 lb
WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)	
STANDARD F.A. SPINDLE NUTS	
FAG SCHAFFLER, FRONT GREASE SEAL	
ABEX 931-162 (MERITOR R301)(FRT.AXLE 18,000 MAX)	
FERROUS	157 / 0 lb
DOUBLE ACTING TYPE	
THP60 TRW-PWR (INTEGRAL)	64 / 0 lb
FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT	
FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)	
BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)	

### REAR AXLE EQUIPMENT

#### Variant

#### Weight F/R

40000# (18144kg) MERITOR MT-40-14X4D HYPOID (LOW ENTRY)	0 / 1396 lb
W/O WIDE TRACK AXLE OPTION	
W/O LUBE PUMP AND FILTER	

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## In Progress

Date 1/4/2017  
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### VENDOR CARRIER

3.70 RATIO

HMX400 HENDRICKSON HAULMAAX RUBBER SUSPENSION 40000lbs

0 / 1165 lb

W/O OPTION

WITHOUT BREATHER FILTER (W/O REAR AXLE BREATHERS)

54" AXLE SPACING (BOGIE WHEELBASE)

0 / 3 lb

W/O AIR SUSP HEIGHT CONTROL

WITHOUT AIR SUSPENSION DUMP WARNING

W/O REAR SHOCK ABSORBERS

TRANSVERSE TORQUE ROD - ALL AXLES

0 / 73 lb

MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+

0 / -17 lb

CAST IRON BRAKE DRUMS

MERITOR - AUTOMATIC

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

OMIT

ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)

IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

0 / 318 lb

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT

0 / 40 lb

FACTORY OPTION LUBE - REAR AXLE

W/O SHOCK INSULATORS

MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS

OMIT DIFFERENTIAL LOCKS - 3 AXLES

SPINDLE NUTS, MAIN AXLE, INTERGRATED

4S/4M SYSTEM REAR WHEEL END SENSORS

BENDIX WITH TRACTION CONTROL

BENDIX SWITCHES AND VALVES WHERE POSSIBLE

W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT AUXILIARY AXLE CONTROLS

TRAILING BRAKES WITHOUT DUST SHIELDS

WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

189"

186 / 186 lb

63"

-28 / 327 lb

STEEL - 300MM X 90MM X 9.5MM -- (11.81" X 3.54" X 0.37" )

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

FRAME REINFORCEMENT - INSIDE, 5MM STEEL, FULL LENGTH OF MAIN RAIL

WITHOUT FRAME REINFORCEMENT - OUTSIDE

6" BOLT ON FRAME EXTENSION

155 / -2 lb

Standard Bumper Position

W/O FUEL LINE OPTION

W/O FRAME RAIL CLEARANCE

W/O BRIGHT FINISH FUEL TANKS

WITHOUT GUARD

BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK

FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER

WITHOUT TAPERED FRAME RAIL ENDS

W/O RUST PREVENTATIVE OPTION

W/O RADIATOR GUARD

W/O REAR MUD FLAP HANGER BRKTS

W/O REAR MUD FLAPS

BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)

EXTENDED-SWEPT BACK-STEEL

BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL

W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE

BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT

HOOKS

W/O REAR TOWING DEVICE

W/O REAR TOWING DEVICE

66 GALLON (250 L) 22" ALUMINUM, SLEEVED D-SHAPED

58 / 29 lb

OMIT RH STANDARD

W/O TOOL BOX

BRAIDED HOSE

5 / 3 lb

W/O FILLER NECK SCREEN OPTION

NON-LOCKABLE FUEL TANK CAP

W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE

W/O FAST FILL FUEL SYSTEM OPTION

W/O QUARTER FENDERS

WITHOUT INTERMED XMBR EXCLUSION ZONE

W/O ISOLATED TANK(S)

## AIR/BRAKE

### Variant

### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER, HEATED

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## In Progress

Date 1/4/2017  
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MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS  
STEEL  
W/O RELOCATION OPTION  
W/O PARK BRAKE ALARM  
TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND  
TRACTOR-TRAILER PARK  
W/O RELOCATED AIR TANKS  
W/O INCREASED AIR RESERVOIR CAPACITY

### ELECTRICAL

#### Variant

#### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING  
W/O SPOTLIGHT  
WITHOUT PARKING BRAKE LIGHTING  
ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB  
WITHOUT FOG LIGHTS  
WITHOUT FOG LAMP TECHNOLOGY  
W/O AUX LAMP PROVISIONS  
FURNISH STANDARD TAIL-LIGHTS  
FURN. (1) EXTRA DASH MTD. ROCKER SWITCH (THRU IGNITION) FOR  
LOCAL INSTALLED ITEMS  
W/O MARKER/DIR SIGNAL OPTION  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

WITHOUT FIFTH WHEEL ANGLES  
WITHOUT 5TH WHEEL ANGLE THICKNESS  
WITHOUT FIFTH WHEEL OFFSET  
GLAD HAND COUPLINGS - NORTH AMERICAN STD  
HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL  
FUNCTION 7 / 0 lb  
TRAILER AIR BRAKE CONNECTIONS, END OF FRAME 23 / 23 lb  
W/O TRAILER ACCESS PACKAGE  
SINGLE 7 PINS STD SAE TYPE, END OF FRAME  
W/O TRAILER HOOK-UP LIGHT

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT HYDRAULIC PUMP

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## In Progress

Date 1/4/2017  
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NO FRAME MODIFICATIONS PROVIDED  
CERTIFIED WEIGHT  
W/O OIL COOLER AUX TRANS OPTION  
WITHOUT PTO CONTROL  
W/O NEUTRAL CONTROL  
1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)  
WITHOUT AIR UNLOAD SYSTEM  
W/O COLLISION WARNING SYSTEM  
WITHOUT PTO TRANSMISSION SIDE, FREE SPACE  
BODY LINK III W/CAB PASS-THRU  
WITHOUT TIME GAP SETTINGS  
W/O SPECIAL DECALS  
WITHOUT REAR ENGINE POWER TAKE OFF  
W/O REAR MTD PTO

16 / 0 lb

### CAB (A THRU G)

#### Variant

#### Weight F/R

BASIC FRONT WHEEL OPENING  
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED  
CIGAR LIGHTER  
ASHTRAY  
U.S. UNITS (PREDOMINANT)  
STANDARD GAUGE PACKAGE, PLUS TRANSMISSION OIL TEMPERATURE  
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE  
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION  
POLYURETHANE FLOOR MAT  
TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW  
(IF EQUIPPED)  
BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR  
WINDSHIELD POST  
GRILLE PAINTED GRAY  
BLACK FINISH BARS W/O SURROUND RADIATOR MTD  
W/O AUTO RADIO SHUTOFF OPTION  
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION  
HEATER/DEFROSTER AND AIR CONDITIONER  
W/O FIRE EXTINGUISHER OPTION  
W/O CAB FAN, AUX AIR CIRC OPTION  
W/O POUCH  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND

31 / 0 lb

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## In Progress

Date 1/4/2017  
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WITHOUT CAB CLEANOUT  
W/O OPTIONAL DASH MTD. LIGHT  
W/O HUBODOMETER  
W/O BUG DEFLECTOR OPTION  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
W/O INDEPENDENT ENGINE HOURMETER  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
REAR CAB SUSPENSION, AIR  
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR  
W/O CB RADIO  
(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
WITHOUT HOOD HATCH  
PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL  
PUREBRED SANDSTONE  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
W/O PERMIT PLATE OPTION  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE  
CHASSIS KEYED AT RANDOM - 2 KEYS  
AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE

7 / 0 lb

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## In Progress

Date 1/4/2017  
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W/O ROOF VENT VENTILATION  
STORAGE POUCH REAR  
CHARCOAL GRAY  
HEATED MIRROR TIME-OUT, 60 MIN  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O WORK LIGHTS  
ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
SELF CANCELLING TURN SIGNALS  
WINDSHIELD WASHER RESERVOIR INSTALLED BOC  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

47 / 16 lb

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS

### WHEELS & TIRES

#### Variant

#### Weight F/R

WITHOUT WHEEL FINISHING TRAILING  
LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY  
ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY  
TWO FRONT TIRES & WHEELS  
EIGHT REAR AXLE TIRES & WHEELS  
315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS)

161 / 0 lb

**THE AMERICAN TRUCK  
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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### TIRE SPEED LIMIT BASIC

22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND HOLES (11 1/4"/286mm BC) 5.25" INSE

93 / 0 lb

W/O FRONT DISC WHEEL BRIGHT FINISH

11R22.5 G BRIDGESTONE M710 (DRIVE ONLY)

0 / 122 lb

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286 mm BC)

0 / 84 lb

WHEEL NUT BASIC FINISH, REAR

WITHOUT REAR WHEEL RIM CLAMP

W/O REAR DISC WHEEL BRIGHT FINISH

WHEEL STUDS BASIC LENGTH

W/O FRONT WHEEL GUARD OPTION

W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

W/O FRONT WHEEL NUT OPTION

PROVIDE STANDARD VALVE STEMS AND CAPS

W/O SPARE WHEEL W/TIRE

W/O SPARE TIRE CARRIER

W/O HYDRAULIC JACK

### COMMUNICATION SYSTEMS

#### Variant

#### Weight F/R

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1

W/O NAVIGATION/COMM DEVICE

WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL

W/O GUARDDOG CONNECT OR DIAGNOSTIC SERVICES

### VEHICLE ELECTRONICS

#### Variant

#### Weight F/R

WITHOUT SERVICE ALERT SYSTEM

WITHOUT RESET DRIVER ID TIMER

DRIVER ID FUNCTION, DISABLED

WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS

WITHOUT DRIVER ID ALERT TIMER

WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED

WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL

WITHOUT FUEL ECONOMY PENALTY TARGET

WITHOUT FUEL ECONOMY REWARD TARGET

ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED

ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE

30 SEC IDLE S/D WARNING TIME

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

ENGINE IDLE COOLDOWN, DISABLE  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
WITHOUT ENG BRK ENGAGE IN CRUISE  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
WITHOUT PTO 1ST, SINGLE SPEED SETTING  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
WITHOUT PTO 1ST, MAX ENGINE SPEED  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
WITHOUT PTO 2ND, MINIMUM ENGINE SPEED  
PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
WITHOUT PTO 2ND, SINGLE SPEED SETTING  
WITHOUT PTO 2ND, MAX ENGINE SPEED

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT LOW IDLE RPM ADJUSTMENT  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, PERMANENT IDLE SHUTDOWN OVERRIDE  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
WITHOUT AMBIENT TEMP MIN THRESHOLD  
WITHOUT AMBIENT TEMP MAX THRESHOLD  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
WITHOUT POWER DIVIDER LOCK OUT (PLDO) ROAD SPEED LIMIT  
WITHOUT PTO2 HOLD  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
WITHOUT IDLE SHUTDOWN OVERRIDE  
WITHOUT WITH RSL CONTROL TYPE  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
WITHOUT MIRROR COVER PAINT  
MACK BLACK (URETHANE)  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR  
W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE  
WITHOUT OMNITRACS FOR MACK TRUCKS  
NO GUARDDOG CONNECT (ASSIST & MACK ONECALL)  
24 MNTH - ASIST AND MACK ONECALL  
HEAVY DUTY WARRANTY CLASSIFICATION  
HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES  
(161,000 KM)  
CUMMINS ENGINES 8.9L (Contact Cummins for Standard Warranty and  
Extended Coverage Details)  
CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended  
Coverage Details)  
ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty  
and extended coverage data  
STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36  
MONTHS/350,000 (563,00 KM)  
AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12  
MONTHS UNLIMITED MILEAGE  
STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000  
MILES  
STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES  
(402,000 KM)  
W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

### Local Costs

2017 Freight

GU533 R (9L) - 6x4 DAYCAB

11592 lb

### CUSTOMER/VEHICLE INFO

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Variant

### Weight F/R

2018 MODEL YEAR

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

DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND

GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%

2018A Pricebook

GU533 R (9L) - 6x4 DAYCAB

4842 / 1224 lb

MUNICIPAL

ALL 50 STATES, CARB ENGINE EMISSION (US17)

ENGLISH

WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE

DUMP TRUCK

80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT

NORMAL HIGHWAY, STARTING GRADES<12%

HARD DIRT LOADING AND / OR UNLOADING SURFACE

CONSTRUCTION SERVICE

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE

W/O TRUCK CONFIG PACKAGE

WITHOUT SPECIAL SALES PACKAGE

NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

#### Variant

#### Weight F/R

TURBO SINGLE STAGE

ISL9-D 350 CUMMINS 350HP @ 2200 RPM (GOV) 1150 LB-FT, US'17

3000 RDS 6-SP ALLISON GEN5 W/PROGNOSTICS, WITH PTO PROVISION

545 / 181 lb

ALLISON VOC PKG# 146 RDS ON-OFF HWY PBAN

ENGINE GOVERNOR TYPE MIN-MAX

BASIC, GEAR-SELECTION TUNING

### EXHAUST/EMISSIONS

#### Variant

#### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON LOWER LH CORNER OF DRIVER DOOR

DPF COVER, PAINTED STEEL

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

CUMMINS SINGLE MODULE E.A.T.S. RH SIDE UNDER CAB US17  
9' 6" FROM GROUND  
SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER,  
TURNED END  
EXHAUST HEAT SHIELD TYPE, BASIC  
6.6 GALLON (25 L) 22" INTEGRAL TO LH FUEL TANK  
WITHOUT DEF TANK COVER  
SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF  
EQUIPPED)  
EMISSION OBD, DISPLAY ONLY, USA2016

## ENGINE EQUIPMENT

### Variant

**Weight F/R**

11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE  
W/AIR INTAKE FROM BOTH SIDES OF HOOD

W/O INSIDE/OUTSIDE AIR INTAKE

BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER

MERITOR/WABCO 318 18.7 CFM

### STANDARD FUEL FILTER POSITION

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

(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE

## STANDARD COOLING PERFORMANCE

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

OMIT COOLANT CONDITIONER FILTER

KYSOR FAN, "ON-OFF"

W/O ENGINE BRAKE

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

W/O FUEL HEATER

BATTERY BOX LEFT HAND RAIL BACK OF FUEL TANK

MAIN SWITCH, MTD INSIDE CAB, GROUND ACCESSIBLE

MOLDED PLASTIC

EMERGENCY START STUDS, BATTERY BOX MOUNTED

## MACK BRAND EPDM RADIATOR & HEATER HOSES

12 VOLT DELCO 39MT-MXT

## OIL PAN

W/O TETHER DEVICE

## 120V 1500 WATT ENGINE BLOCK HEATER

W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER

ELECTRIC PREHEATER

16 / 0 lb

16 / 5 lb

12 / -2 lb

7 / 0 lb

5 / 0 lb

7 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O OIL CHANGE SYSTEM

W/O DBL OR TRPL ELECTRICAL PKG W/O DOUBLE TRAILER ELECTRICAL PACKAGE

W/O BATTERY SHOCK PADS

### CLUTCH/TRANS EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE

ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)

OMIT CLUTCH

MERITOR 176 MXL "XTENDED LUBE"

-8 / -8 lb

W/O AIR ASSIST

TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS

W/O CLUTCH PEDAL

FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER

W/O TRANSMISSION DUSTPROOFING

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE

MERITOR 17 MXL "XTENDED LUBE"

W/O GRADE GRIPPER

HALF-ROUND UNIVERSAL JOINT

ALUMINUM

W/O CLUTCH BRAKE

W/O LUBRICATION FITTING OPTION

FURNISH TC421 FOR USE W/ALLISON 3000 SERIES TRANSMISSION

WITHOUT TRANSMISSION ADAPTATION RING

W/O CLUTCH STARTING SWITCH OPTION

W/O TRANSMISSION SHIFT SETTINGS

WITHOUT TRANSMISSION PROTECTION

ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER TRANSMISSIONS)

MACKCELLERATOR DISABLE

### FRONT AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT FRONT AXLE SPREAD

14600# (6600kg) MACK FXL14.6 STRAIGHT SPINDLE/UNITIZED BEARINGS

69 / 0 lb

W/O 2ND FRONT AXLE

MACK TAPERLEAF 14600# (6623kg) GROUND LOAD RATING

16 / 0 lb

MERITOR "S" CAM TYPE 16.5" x 5" Q+

36 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

CAST IRON BRAKEDRUM, FRONT AXLE

OMIT

MERITOR - AUTOMATIC

3 / 0 lb

FRONT BRAKE CHAMBER MANUFACTURER, MGM

WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)

STANDARD F.A. SPINDLE NUTS

FAG SCHAEFFLER, FRONT GREASE SEAL

ABEX 931-162 (MERITOR R301)(FRT.AXLE 18,000 MAX)

FERROUS

157 / 0 lb

DOUBLE ACTING TYPE

M100P SHEPPARD POWER

75 / 0 lb

FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT

FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)

BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

### REAR AXLE EQUIPMENT

#### Variant

#### Weight F/R

40000# (18144kg) MERITOR MT-40-14X4D HYPOID (LOW ENTRY)

0 / 1396 lb

W/O WIDE TRACK AXLE OPTION

W/O LUBE PUMP AND FILTER

VENDOR CARRIER

3.70 RATIO

HMX400 HENDRICKSON HAULMAAX RUBBER SUSPENSION 40000lbs

0 / 1165 lb

W/O OPTION

WITHOUT BREATHER FILTER (W/O REAR AXLE BREATHERS)

54" AXLE SPACING (BOGIE WHEELBASE)

0 / 3 lb

W/O AIR SUSP HEIGHT CONTROL

WITHOUT AIR SUSPENSION DUMP WARNING

W/O REAR SHOCK ABSORBERS

TRANSVERSE TORQUE ROD - ALL AXLES

0 / 73 lb

MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+

0 / -17 lb

CAST IRON BRAKE DRUMS

MERITOR - AUTOMATIC

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

OMIT

ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)

IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

0 / 318 lb

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT

0 / 40 lb

FACTORY OPTION LUBE - REAR AXLE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O SHOCK INSULATORS  
MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS  
OMIT DIFFERENTIAL LOCKS - 3 AXLES  
SPINDLE NUTS, MAIN AXLE, INTERGRATED  
4S/4M SYSTEM REAR WHEEL END SENSORS  
BENDIX WITH TRACTION CONTROL  
BENDIX SWITCHES AND VALVES WHERE POSSIBLE  
W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

TRAILING BRAKES WITHOUT DUST SHIELDS  
WITHOUT AUXILIARY AXLE CONTROLS  
WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

167" 126 / 126 lb  
63" -28 / 327 lb  
STEEL - 300MM X 90MM X 9.5MM -- (11.81" X 3.54" X 0.37" )  
FRAME REINFORCEMENT - INSIDE, 5MM STEEL, FULL LENGTH OF MAIN RAIL  
WITHOUT FRAME REINFORCEMENT - OUTSIDE  
6" BOLT ON FRAME EXTENSION 155 / -2 lb  
Standard Bumper Position  
W/O FUEL LINE OPTION  
W/O FRAME RAIL CLEARANCE  
W/O BRIGHT FINISH FUEL TANKS  
WITHOUT GUARD  
BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK  
FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER  
WITHOUT TAPERED FRAME RAIL ENDS  
W/O RUST PREVENTATIVE OPTION  
W/O RADIATOR GUARD  
W/O REAR MUD FLAP HANGER BRKTS  
W/O REAR MUD FLAPS  
BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)  
EXTENDED-SWEPT BACK-STEEL  
BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE  
BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT  
HOOKS

W/O REAR TOWING DEVICE

W/O REAR TOWING DEVICE

66 GALLON (250 L) 22" ALUMINUM, SLEEVED D-SHAPED

58 / 29 lb

OMIT RH STANDARD

W/O TOOL BOX

BRAIDED HOSE

5 / 3 lb

W/O FILLER NECK SCREEN OPTION

NON-LOCKABLE FUEL TANK CAP

W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE

W/O FAST FILL FUEL SYSTEM OPTION

W/O QUARTER FENDERS

WITHOUT INTERMED XMBR EXCLUSION ZONE

W/O ISOLATED TANK(S)

## AIR/BRAKE

### Variant

### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER,  
HEATED

MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS

STEEL

W/O RELOCATION OPTION

W/O PARK BRAKE ALARM

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

W/O RELOCATED AIR TANKS

W/O INCREASED AIR RESERVOIR CAPACITY

## ELECTRICAL

### Variant

### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING

W/O SPOTLIGHT

WITHOUT PARKING BRAKE LIGHTING

ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB

WITHOUT FOG LIGHTS

WITHOUT FOG LAMP TECHNOLOGY

W/O AUX LAMP PROVISIONS

FURNISH STANDARD TAIL-LIGHTS

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

FURN. (1) EXTRA DASH MTD. ROCKER SWITCH (THRU IGNITION) FOR  
LOCAL INSTALLED ITEMS  
W/O MARKER/DIR SIGNAL OPTION  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

WITHOUT FIFTH WHEEL ANGLES  
WITHOUT 5TH WHEEL ANGLE THICKNESS  
WITHOUT FIFTH WHEEL OFFSET  
GLAD HAND COUPLINGS - NORTH AMERICAN STD  
HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL  
FUNCTION 7 / 0 lb  
TRAILER AIR BRAKE CONNECTIONS, END OF FRAME 23 / 23 lb  
W/O TRAILER ACCESS PACKAGE  
SINGLE 7 PINS STD SAE TYPE, END OF FRAME  
W/O TRAILER HOOK-UP LIGHT

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT HYDRAULIC PUMP  
NO FRAME MODIFICATIONS PROVIDED  
CERTIFIED WEIGHT  
W/O OIL COOLER AUX TRANS OPTION  
WITHOUT PTO CONTROL  
W/O NEUTRAL CONTROL  
1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION) 16 / 0 lb  
WITHOUT AIR UNLOAD SYSTEM  
W/O COLLISION WARNING SYSTEM  
WITHOUT PTO TRANSMISSION SIDE, FREE SPACE  
BODY LINK III W/CAB PASS-THRU  
WITHOUT TIME GAP SETTINGS  
W/O SPECIAL DECALS  
WITHOUT REAR ENGINE POWER TAKE OFF  
W/O REAR MTD PTO

### CAB (A THRU G)

#### Variant

#### Weight F/R

BASIC FRONT WHEEL OPENING  
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

CIGAR LIGHTER  
ASHTRAY  
U.S. UNITS (PREDOMINANT)  
STANDARD GAUGE PACKAGE, PLUS TRANSMISSION OIL TEMPERATURE  
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE  
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION  
POLYURETHANE FLOOR MAT  
TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW  
(IF EQUIPPED)  
BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR  
WINDSHIELD POST  
GRILLE PAINTED GRAY  
BLACK FINISH BARS W/O SURROUND RADIATOR MTD  
W/O AUTO RADIO SHUTOFF OPTION  
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION  
HEATER/DEFROSTER AND AIR CONDITIONER  
W/O FIRE EXTINGUISHER OPTION  
W/O CAB FAN, AUX AIR CIRC OPTION  
W/O POUCH  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND  
WITHOUT CAB CLEANOUT  
W/O OPTIONAL DASH MTD. LIGHT  
W/O HUBODOMETER  
W/O BUG DEFLECTOR OPTION  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
W/O INDEPENDENT ENGINE HOURMETER  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

31 / 0 lb

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
REAR CAB SUSPENSION, AIR  
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR  
W/O CB RADIO  
(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER  
MOUNTING FOR CB PROVISIONS  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
WITHOUT HOOD HATCH

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL  
PUREBRED SANDSTONE  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
W/O PERMIT PLATE OPTION  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE  
CHASSIS KEYED AT RANDOM - 2 KEYS  
AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH  
INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER  
CONSOLE  
W/O ROOF VENT VENTILATION  
STORAGE POUCH REAR  
CHARCOAL GRAY  
HEATED MIRROR TIME-OUT, 60 MIN  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

7 / 0 lb

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O WORK LIGHTS

47 / 16 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
SELF CANCELLING TURN SIGNALS  
WINDSHIELD WASHER RESERVOIR INSTALLED BOC  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS

### WHEELS & TIRES

#### Variant

#### Weight F/R

WITHOUT WHEEL FINISHING TRAILING  
LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY  
ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY  
EIGHT REAR AXLE TIRES & WHEELS  
TWO FRONT TIRES & WHEELS  
315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS) 161 / 0 lb  
TIRE SPEED LIMIT BASIC  
22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND HOLES (11 1/4"/286mm BC) 5.25" INSE 93 / 0 lb  
W/O FRONT DISC WHEEL BRIGHT FINISH  
11R22.5 G BRIDGESTONE M710 (DRIVE ONLY) 0 / 122 lb  
22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286 mm BC) 0 / 84 lb  
WHEEL NUT BASIC FINISH, REAR  
WITHOUT REAR WHEEL RIM CLAMP  
W/O REAR DISC WHEEL BRIGHT FINISH  
WHEEL STUDS BASIC LENGTH  
W/O FRONT WHEEL GUARD OPTION  
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM  
W/O FRONT WHEEL NUT OPTION  
PROVIDE STANDARD VALVE STEMS AND CAPS  
W/O SPARE WHEEL W/TIRE  
W/O SPARE TIRE CARRIER  
W/O HYDRAULIC JACK

### COMMUNICATION SYSTEMS

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## In Progress

### Variant

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Weight F/R

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1  
W/O NAVIGATION/COMM DEVICE  
WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL  
W/O GUARDDOG CONNECT OR DIAGNOSTIC SERVICES

## VEHICLE ELECTRONICS

### Variant

### Weight F/R

WITHOUT SERVICE ALERT SYSTEM  
WITHOUT RESET DRIVER ID TIMER  
DRIVER ID FUNCTION, DISABLED  
WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS  
WITHOUT DRIVER ID ALERT TIMER  
WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED  
WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL  
WITHOUT FUEL ECONOMY PENALTY TARGET  
WITHOUT FUEL ECONOMY REWARD TARGET  
ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE  
30 SEC IDLE S/D WARNING TIME  
ENGINE IDLE COOLDOWN, DISABLE  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KM/H (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
WITHOUT ENG BRK ENGAGE IN CRUISE  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO 1ST, SINGLE SPEED SETTING  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
WITHOUT PTO 1ST, MAX ENGINE SPEED  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
WITHOUT PTO 2ND, MINIMUM ENGINE SPEED  
PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
WITHOUT PTO 2ND, SINGLE SPEED SETTING  
WITHOUT PTO 2ND, MAX ENGINE SPEED  
WITHOUT LOW IDLE RPM ADJUSTMENT  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, PERMANENT IDLE SHUTDOWN OVERRIDE  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
WITHOUT AMBIENT TEMP MIN THRESHOLD  
WITHOUT AMBIENT TEMP MAX THRESHOLD  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
WITHOUT POWER DIVIDER LOCK OUT (PLDO) ROAD SPEED LIMIT  
WITHOUT PTO2 HOLD  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
WITHOUT IDLE SHUTDOWN OVERRIDE  
WITHOUT WITH RSL CONTROL TYPE  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
WITHOUT MIRROR COVER PAINT  
MACK BLACK (URETHANE)  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR  
W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE  
WITHOUT OMNITRACS FOR MACK TRUCKS  
NO GUARDDOG CONNECT (ASSIST & MACK ONECALL)  
24 MNTH - ASIST AND MACK ONECALL  
HEAVY DUTY WARRANTY CLASSIFICATION  
HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES  
(161,000 KM)

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

CUMMINS ENGINES 8.9L (Contact Cummins for Standard Warranty and Extended Coverage Details)

CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended Coverage Details)

W/O MACK ENGINE EXHAUST AFTERTREATMENT COVERAGE

ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)

STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)

AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE

STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES

STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)

W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

### Local Costs

2017 Freight

GU713 R - 6x4 DAYCAB

15514 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR

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

DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND

GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%

2018A Pricebook

GU713 R - 6x4 DAYCAB

5144 / 1903 lb

MUNICIPAL

ALL 50 STATES, CARB ENGINE EMISSION (US17)

ENGLISH

WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE

DUMP TRUCK

80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT

NORMAL HIGHWAY, STARTING GRADES<12%

HARD DIRT LOADING AND / OR UNLOADING SURFACE

CONSTRUCTION SERVICE

### APPLICATION PACKAGES

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## In Progress

### Variant

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE  
W/O GRANITE AF CONFIG. PKG.  
WITHOUT SPECIAL SALES PACKAGE  
NO PILOT REQUESTED

## ENGINE/TRANSMISSIONS

### Variant

### Weight F/R

TURBO SINGLE STAGE  
MP7-345C MACK 345HP @ 1450-1700 RPM (PEAK) 1950 RPM (GOV) 1360  
LB-FT, US'17 -- PC29 do not release 1855 / 463 lb  
4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5  
W/PROGNOSTICS 732 / 245 lb  
ALLISON VOC PKG# 146 RDS ON-OFF HWY PBAN  
ENGINE GOVERNOR TYPE MIN-MAX  
BASIC, GEAR-SELECTION TUNING

## EXHAUST/EMISSIONS

### Variant

### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON  
LOWER LH CORNER OF DRIVER DOOR  
DPF COVER, PAINTED STEEL  
CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17  
9' 6" FROM GROUND  
SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER, -46 / -2 lb  
TURNED END  
EXHAUST HEAT SHIELD TYPE, BASIC  
6.6 GALLON (25 L) 22" INTEGRAL TO LH FUEL TANK  
WITHOUT DEF TANK COVER  
SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF  
EQUIPPED)  
EMISSION OBD, DISPLAY ONLY, USA2016

## ENGINE EQUIPMENT

### Variant

### Weight F/R

11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE  
W/AIR INTAKE FROM BOTH SIDES OF HOOD  
W/O INSIDE/OUTSIDE AIR INTAKE  
BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT  
COVER  
MERITOR/WABCO 318 18.7 CFM  
STANDARD FUEL FILTER POSITION

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

DELCO 12V 130A (24SI) BRUSH-TYPE	16 / 0 lb
(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE	16 / 5 lb
STANDARD COOLING PERFORMANCE	12 / -2 lb
TO -34 DEGREES F (-37 DEGREES C)	
MACK COOLANT CONDITIONER	
BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE	
MACK MP7 POWERLEASH	
RACOR FUEL FILTER 1000 FH, 12V/ELECTRICAL HEATER W/MACK	9 / 0 lb
INTEGRAL FUEL/WATER SEPARATOR	
Without Auxilliary Fuel Heating	
W/O FUEL HEATER	
(3) BATTERY MAX, MTD LHS UNDER CAB, FWD OF LH FUEL TANK	
Flaming River BIG SWITCH wired to positive side	3 / 0 lb
MOLDED PLASTIC	
EMERGENCY START STUDS, BATTERY BOX MOUNTED	7 / 0 lb
MACK BRAND EPDM RADIATOR & HEATER HOSES	
12 VOLT DELCO 39MT-MXT	
OIL PAN	
W/O TETHER DEVICE	
120V 1500 WATT ENGINE BLOCK HEATER	5 / 0 lb
W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER	
W/O ENGINE COLD START AID	
W/O OIL CHANGE SYSTEM	
W/O DBL OR TRPL ELECTRICAL PKGW/O DOUBLE TRAILER ELECTRICAL	
PACKAGE	
W/O BATTERY SHOCK PADS	

## CLUTCH/TRANS EQUIPMENT

### Variant

### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE	
ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)	
OMIT CLUTCH	
MERITOR 18 MXL "XTENDED LUBE"	20 / 20 lb
W/O AIR ASSIST	
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS	
W/O CLUTCH PEDAL	
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER	
W/O TRANSMISSION DUSTPROOFING	
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING	
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE	

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

MERITOR 17 MXL "XTENDED LUBE"  
W/O GRADE GRIPPER  
HALF-ROUND UNIVERSAL JOINT  
ALUMINUM  
W/O CLUTCH BRAKE  
W/O LUBRICATION FITTING OPTION  
FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD  
TRANSMISSION  
TRANSMISSION ADAPTATION RING  
W/O CLUTCH STARTING SWITCH OPTION  
W/O TRANSMISSION SHIFT SETTINGS  
WITHOUT TRANSMISSION PROTECTION  
ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER  
TRANSMISSIONS)  
MACKCELLERATOR DISABLE

### FRONT AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT FRONT AXLE SPREAD  
20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT  
SPINDLE/UNITIZED BEARINGS  
W/O 2ND FRONT AXLE  
MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING  
MERITOR "S" CAM TYPE 16.5" x 6" Q+  
CAST IRON BRAKEDRUM, FRONT AXLE  
OMIT  
MERITOR - AUTOMATIC  
FRONT BRAKE CHAMBER MANUFACTURER, MGM  
WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)  
STANDARD F.A. SPINDLE NUTS  
FAG SCHAFFLER, FRONT GREASE SEAL  
MERITOR R403 BRAKE LINING.  
FERROUS  
DOUBLE ACTING TYPE  
SHEPPARD SD110 + HD94  
FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT  
FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)  
BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)

428 / 0 lb

27 / 0 lb

18 / 0 lb

3 / 0 lb

157 / 0 lb

206 / 0 lb

### REAR AXLE EQUIPMENT

#### Variant

#### Weight F/R

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

46000# (20866kg) MACK S440-46 (268 1904) FAB STEEL HOUSING -  
RECERTIFICATION

0 / 1447 lb

W/O WIDE TRACK AXLE OPTION

W/O LUBE PUMP AND FILTER

CRDP150/151

3.98 RATIO

S440 MACK MULTILEAF (CAMELBACK) 46000# - RECERTIFICATION

0 / 362 lb

BRONZE

0 / 20 lb

WITHOUT BREATHER FILTER (W/O REAR AXLE BREATHERS)

50" AXLE SPACING (BOGIE WHEELBASE)

W/O AIR SUSP HEIGHT CONTROL

WITHOUT AIR SUSPENSION DUMP WARNING

W/O REAR SHOCK ABSORBERS

TRANSVERSE TORQUE ROD (REAR AXLE ONLY)

MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+

0 / -17 lb

CAST IRON BRAKE DRUMS

MERITOR - AUTOMATIC

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

OMIT

ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)

IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

0 / 318 lb

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT

0 / 40 lb

FACTORY OPTION LUBE - REAR AXLE

RUBBER SHOCK INSULATORS

MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS

OMIT DIFFERENTIAL LOCKS - 3 AXLES

SPINDLE NUTS, MAIN AXLE, INTERGRATED

4S/4M SYSTEM REAR WHEEL END SENSORS

BENDIX WITH TRACTION CONTROL

BENDIX SWITCHES AND VALVES WHERE POSSIBLE

W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT AUXILIARY AXLE CONTROLS

TRAILING BRAKES WITHOUT DUST SHIELDS

WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

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## In Progress

### Variant

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Weight F/R

262"

384 / 384 lb

63"

-28 / 327 lb

STEEL - 300MM X 90MM X 9.5MM -- (11.81" X 3.54" X 0.37" )

FRAME REINFORCEMENT - INSIDE, 5MM STEEL, FULL LENGTH OF MAIN RAIL

WITHOUT FRAME REINFORCEMENT - OUTSIDE

6" BOLT ON FRAME EXTENSION

155 / -2 lb

Standard Bumper Position

131 / -8 lb

W/O FUEL LINE OPTION

W/O FRAME RAIL CLEARANCE

W/O BRIGHT FINISH FUEL TANKS

WITHOUT GUARD

BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK

FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER

WITHOUT TAPERED FRAME RAIL ENDS

W/O RUST PREVENTATIVE OPTION

W/O RADIATOR GUARD

W/O REAR MUD FLAP HANGER BRKTS

W/O REAR MUD FLAPS

BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)

EXTENDED-SWEPT BACK-STEEL

BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL

W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE

BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT

HOOKS

W/O REAR TOWING DEVICE

W/O REAR TOWING DEVICE

88 GALLON (333 L) 22" ALUMINUM, SLEEVED D-SHAPED

89 / 42 lb

OMIT RH STANDARD

W/O TOOL BOX

BRAIDED HOSE

5 / 3 lb

W/O FILLER NECK SCREEN OPTION

NON-LOCKABLE FUEL TANK CAP

W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE

W/O FAST FILL FUEL SYSTEM OPTION

W/O QUARTER FENDERS

WITHOUT INTERMED XMBR EXCLUSION ZONE

W/O ISOLATED TANK(S)

**THE AMERICAN TRUCK  
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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

### AIR/BRAKE

#### Variant

#### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER,  
HEATED  
MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS  
STEEL  
W/O RELOCATION OPTION  
W/O PARK BRAKE ALARM  
TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND  
TRACTOR-TRAILER PARK  
W/O RELOCATED AIR TANKS  
W/O INCREASED AIR RESERVOIR CAPACITY

### ELECTRICAL

#### Variant

#### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING  
W/O SPOTLIGHT  
WITHOUT PARKING BRAKE LIGHTING  
ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB  
WITHOUT FOG LIGHTS  
WITHOUT FOG LAMP TECHNOLOGY  
W/O AUX LAMP PROVISIONS  
FURNISH STANDARD TAIL-LIGHTS  
FURN. (1) EXTRA DASH MTD. ROCKER SWITCH (THRU IGNITION) FOR  
LOCAL INSTALLED ITEMS  
W/O MARKER/DIR SIGNAL OPTION  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

WITHOUT FIFTH WHEEL ANGLES  
WITHOUT 5TH WHEEL ANGLE THICKNESS  
WITHOUT FIFTH WHEEL OFFSET  
GLAD HAND COUPLINGS - NORTH AMERICAN STD  
HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL  
FUNCTION  
OMIT TRAILER AIR BRAKE CONNECTIONS  
W/O TRAILER ACCESS PACKAGE  
SINGLE 7 PINS STD SAE TYPE, END OF FRAME

7 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O TRAILER HOOK-UP LIGHT

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT HYDRAULIC PUMP

NO FRAME MODIFICATIONS PROVIDED

CERTIFIED WEIGHT

W/O OIL COOLER AUX TRANS OPTION

WITHOUT PTO CONTROL

W/O NEUTRAL CONTROL

1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)

16 / 0 lb

WITHOUT AIR UNLOAD SYSTEM

W/O COLLISION WARNING SYSTEM

WITHOUT PTO TRANSMISSION SIDE, FREE SPACE

BODY LINK III W/CAB PASS-THRU

WITHOUT TIME GAP SETTINGS

W/O SPECIAL DECALS

WITHOUT REAR ENGINE POWER TAKE OFF

W/O REAR MTD PTO

### CAB (A THRU G)

#### Variant

#### Weight F/R

FENDER EXTENSIONS

5 / 0 lb

(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED

CIGAR LIGHTER

ASHTRAY

U.S. UNITS (PREDOMINANT)

STD PKG + ENG OIL TEMP, TRANSM OIL TEMP & EXH PYROMETER

WITHOUT REAR AXLE OIL TEMPERATURE GAUGE

W/O INSIDE/OUTSIDE TEMP GAUGE OPTION

POLYURETHANE FLOOR MAT

TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW  
(IF EQUIPPED)

BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR  
WINDSHIELD POST

GRILLE PAINTED GRAY

BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED

W/O AUTO RADIO SHUTOFF OPTION

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

W/O FIRE EXTINGUISHER OPTION

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O CAB FAN, AUX AIR CIRC OPTION  
W/O POUCH  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND  
WITHOUT CAB CLEANOUT  
W/O OPTIONAL DASH MTD. LIGHT  
W/O HUBODOMETER  
W/O BUG DEFLECTOR OPTION  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
W/O INDEPENDENT ENGINE HOURMETER  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
REAR CAB SUSPENSION, AIR  
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR  
W/O CB RADIO  
(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER  
MOUNTING FOR CB PROVISIONS  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
WITHOUT HOOD HATCH  
PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL  
PUREBRED SANDSTONE  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
W/O PERMIT PLATE OPTION  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE  
CHASSIS KEYED AT RANDOM - 2 KEYS  
AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH  
INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR

-6 / -2 lb

7 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER  
CONSOLE  
W/O ROOF VENT VENTILATION  
STORAGE POUCH REAR  
CHARCOAL GRAY  
HEATED MIRROR TIME-OUT, 60 MIN  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
RH/LH LED WORK LIGHT (STEPS & GROUND) ON BOTH SIDES TRUCK  
ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
SELF CANCELLING TURN SIGNALS  
W/O WINDSHIELD WASHER OPTION  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

27 / 12 lb

3 / 0 lb

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS

### WHEELS & TIRES

#### Variant

#### Weight F/R

WITHOUT WHEEL FINISHING TRAILING  
LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY

EIGHT REAR AXLE TIRES & WHEELS

TWO FRONT TIRES & WHEELS

315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS)

161 / 0 lb

TIRE SPEED LIMIT BASIC

22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND HOLES (11 1/4"/286mm BC) 5.25" INSE

93 / 0 lb

W/O FRONT DISC WHEEL BRIGHT FINISH

11R22.5 G BRIDGESTONE M710 (DRIVE ONLY)

0 / 122 lb

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286 mm BC)

0 / 84 lb

WHEEL NUT BASIC FINISH, REAR

WITHOUT REAR WHEEL RIM CLAMP

W/O REAR DISC WHEEL BRIGHT FINISH

WHEEL STUDS BASIC LENGTH

W/O FRONT WHEEL GUARD OPTION

W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

W/O FRONT WHEEL NUT OPTION

PROVIDE STANDARD VALVE STEMS AND CAPS

W/O SPARE WHEEL W/TIRE

W/O SPARE TIRE CARRIER

W/O HYDRAULIC JACK

### COMMUNICATION SYSTEMS

#### Variant

#### Weight F/R

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1

W/O NAVIGATION/COMM DEVICE

WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL

GUARDDOG CONNECT W/3G AND WLAN SYSTEM W/DIAGNOSTIC

### VEHICLE ELECTRONICS

#### Variant

#### Weight F/R

WITHOUT SERVICE ALERT SYSTEM

WITHOUT RESET DRIVER ID TIMER

DRIVER ID FUNCTION, DISABLED

WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS

WITHOUT DRIVER ID ALERT TIMER

WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED

WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL

WITHOUT FUEL ECONOMY PENALTY TARGET

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT FUEL ECONOMY REWARD TARGET  
ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE  
30 SEC IDLE S/D WARNING TIME  
ENGINE IDLE COOLDOWN, DISABLE  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
PTO 1ST, SINGLE SPEED SETTING, 1000 RPM  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
PTO 1ST, MAX ENGINE SPEED, 2100 RPM  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM  
PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO2 SINGLE SPEED SETTING, 1000 RPM  
PTO 2ND, MAX ENGINE SPEED, 2100 RPM  
WITHOUT LOW IDLE RPM ADJUSTMENT  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, 650 RPM  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)  
AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO2 HOLD  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD  
WITHOUT WITH RSL CONTROL TYPE  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
WITHOUT MIRROR COVER PAINT  
MACK BLACK (URETHANE)  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR  
W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE  
WITHOUT mDRIVE CLUTCH PROTECTION PLAN  
WITHOUT OMNITRACS FOR MACK TRUCKS  
W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION  
COVERAGE  
24 MNTH - GUARDDOG CONNECT - INCLUDES ASIST AND MACK ONECALL  
24 MNTH - ASIST AND MACK ONECALL  
HEAVY DUTY WARRANTY CLASSIFICATION  
HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES  
(161,000 KM)  
MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES  
(402,000KM)  
US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE  
60 MONTHS/100,000 MILES (161,000 KM)  
W/O MACK ENGINE EXHAUST AFTERTREATMENT COVERAGE  
ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty  
and extended coverage data  
STANDARD MACK HEAVY DUTY COVERAGE 36 MONTHS / 350,000 (563,000  
KM)  
AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12  
MONTHS UNLIMITED MILEAGE  
STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000  
MILES  
STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES  
(402,000 KM)

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## In Progress

Date 1/4/2017  
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W/O STARTER PURCHASED COVERAGE  
W/O ALTERNATOR PURCHASED COVERAGE  
W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE  
W/O PREMIUM MAINTENANCE PLAN  
W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

### Local Costs

18A GUAllison 4500RDS  
2017 Freight  
2018 Emission Surcharge GU

**GU813 R - 6x4 DAYCAB**

15873 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR  
AMBIENT TEMPERATURE VERY HOT. WARMER THAN 104 F (40 C) MORE  
THAN 25 HOURS PER YEAR  
DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY  
VEHICLE BRAND  
GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%  
2018A Pricebook  
GU813 R - 6x4 DAYCAB  
MUNICIPAL  
ALL 50 STATES, CARB ENGINE EMISSION (US17)  
ENGLISH  
WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE  
DUMP TRUCK  
80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT  
NORMAL HIGHWAY, STARTING GRADES<12%  
HARD DIRT LOADING AND / OR UNLOADING SURFACE  
CONSTRUCTION SERVICE

5148 / 2187 lb

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

WITHOUT MACK RAWHIDE PACKAGE  
W/O GRANITE AB CONFIG. PKG.  
WITHOUT SPECIAL SALES PACKAGE  
NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

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## In Progress

### Variant

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Weight F/R

#### TURBO SINGLE STAGE

MP7-345C MACK 345HP @ 1450-1700 RPM (PEAK) 1950 RPM (GOV) 1360  
LB-FT, US'17 -- PC29 do not release

2549 / -231 lb

4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5  
W/PROGNOSTICS

732 / 245 lb

ALLISON VOC PKG# 146 RDS ON-OFF HWY PBAN

ENGINE GOVERNOR TYPE MIN-MAX

BASIC, GEAR-SELECTION TUNING

#### EXHAUST/EMISSIONS

### Variant

### Weight F/R

IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON  
LOWER LH CORNER OF DRIVER DOOR

DPF COVER, PAINTED STEEL

CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17

9' 6" FROM GROUND

SINGLE (R/S) VERT EXHAUST CAB MOUNTED, LOWER VENTURI DIFFUSER,  
TURNED END

-46 / -2 lb

EXHAUST HEAT SHIELD TYPE, BASIC

8.7 GALLON (33 L) 26" INTEGRAL TO LH FUEL TANK

WITHOUT DEF TANK COVER

SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF  
EQUIPPED)

EMISSION OBD, DISPLAY ONLY, USA2016

#### ENGINE EQUIPMENT

### Variant

### Weight F/R

11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE  
W/AIR INTAKE FROM BOTH SIDES OF HOOD

W/O INSIDE/OUTSIDE AIR INTAKE

BLACK ALUMINUM MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT  
COVER

MERITOR/WABCO 318 18.7 CFM

STANDARD FUEL FILTER POSITION

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

16 / 0 lb

(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE

16 / 5 lb

STANDARD COOLING PERFORMANCE

12 / -2 lb

TO -34 DEGREES F (-37 DEGREES C)

MACK COOLANT CONDITIONER

BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

MACK MP7 POWERLEASH

RACOR FUEL FILTER 1000 FH, 12V/ELECTRICAL HEATER W/MACK  
INTEGRAL FUEL/WATER SEPARATOR

9 / 0 lb

Without Auxilliary Fuel Heating

W/O FUEL HEATER

(1) LH SIDE BATTERY BOX - STACKED

Flaming River BIG SWITCH wired to positive side

3 / 0 lb

POLISHED ALUMINUM

5 / 0 lb

EMERGENCY START STUDS, BATTERY BOX MOUNTED

7 / 0 lb

MACK BRAND EPDM RADIATOR & HEATER HOSES

12 VOLT DELCO 39MT-MXT

OIL PAN

W/O TETHER DEVICE

120V 1500 WATT ENGINE BLOCK HEATER

5 / 0 lb

W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER

W/O ENGINE COLD START AID

W/O OIL CHANGE SYSTEM

W/O DBL OR TRPL ELECTRICAL PKGW/O DOUBLE TRAILER ELECTRICAL  
PACKAGE

SHOCK PADS UNDER BATTERIES

## CLUTCH/TRANS EQUIPMENT

### Variant

### Weight F/R

WITHOUT MACK PREDICTIVE CRUISE

ALLISON DASH MTD SHIFTER W/NEUTRAL TO RANGE INHIBIT (HD SERIES)

OMIT CLUTCH

MERITOR 18 MXL "XTENDED LUBE"

29 / 29 lb

W/O AIR ASSIST

TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS

W/O CLUTCH PEDAL

FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER

W/O TRANSMISSION DUSTPROOFING

WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING

PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE

MERITOR 17 MXL "XTENDED LUBE"

W/O GRADE GRIPPER

HALF-ROUND UNIVERSAL JOINT

ALUMINUM

W/O CLUTCH BRAKE

W/O LUBRICATION FITTING OPTION

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD  
TRANSMISSION  
TRANSMISSION ADAPTATION RING  
W/O CLUTCH STARTING SWITCH OPTION  
W/O TRANSMISSION SHIFT SETTINGS  
WITHOUT TRANSMISSION PROTECTION  
ECONO ROLL DISABLE M-DRIVE (REQUIRED FOR ALL OTHER  
TRANSMISSIONS)  
MACKCELLERATOR DISABLE

### FRONT AXLE EQUIPMENT

<u>Variant</u>	<u>Weight F/R</u>
WITHOUT FRONT AXLE SPREAD	
20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS	428 / 0 lb
W/O 2ND FRONT AXLE	
MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING	27 / 0 lb
MERITOR "S" CAM TYPE 16.5" x 6" Q+	18 / 0 lb
CAST IRON BRAKEDRUM, FRONT AXLE OMIT	
MERITOR - AUTOMATIC	3 / 0 lb
FRONT BRAKE CHAMBER MANUFACTURER, MGM	
WITHOUT FRONT SPRING BIAS (EQUAL STIFFNESS L/R)	
STANDARD F.A. SPINDLE NUTS	
FAG SCHAFFLER, FRONT GREASE SEAL	
MERITOR R403 BRAKE LINING.	
FERROUS	157 / 0 lb
DOUBLE ACTING TYPE	
M100P + M90 SHEPPARD POWER	170 / 0 lb
FACTORY OPTION FRONT WHEEL BEARINGS LUBRICANT	
FRONT BRAKE CHAMBER 24SQ INCHES (SERVICE)	
BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)	

### REAR AXLE EQUIPMENT

<u>Variant</u>	<u>Weight F/R</u>
46000# (20866kg) MACK S440-46 (268 1904) FAB STEEL HOUSING - RECERTIFICATION	0 / 1447 lb
W/O WIDE TRACK AXLE OPTION	
W/O LUBE PUMP AND FILTER	
CRDP150/151	
3.98 RATIO	

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

S440 MACK MULTILEAF (CAMELBACK) 46000# - RECERTIFICATION

BRONZE

0 / 362 lb

WITHOUT BREATHER FILTER (W/O REAR AXLE BREATHERS)

50" AXLE SPACING (BOGIE WHEELBASE)

W/O AIR SUSP HEIGHT CONTROL

WITHOUT AIR SUSPENSION DUMP WARNING

W/O REAR SHOCK ABSORBERS

TRANSVERSE TORQUE ROD (REAR AXLE ONLY)

MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+

0 / -17 lb

CAST IRON BRAKE DRUMS

MERITOR - AUTOMATIC

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

OMIT

ABEX 931-162 (MERITOR R301) (REAR EACH AXLE 23,000LBS MAX)

IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

0 / 318 lb

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT

0 / 40 lb

FACTORY OPTION LUBE - REAR AXLE

RUBBER SHOCK INSULATORS

MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS

OMIT DIFFERENTIAL LOCKS - 3 AXLES

SPINDLE NUTS, MAIN AXLE, INTERGRATED

4S/4M SYSTEM REAR WHEEL END SENSORS

BENDIX WITH TRACTION CONTROL

BENDIX SWITCHES AND VALVES WHERE POSSIBLE

W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH

### PUSHER/TAG AXLE EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT AUXILIARY AXLE CONTROLS

TRAILING BRAKES WITHOUT DUST SHIELDS

WITHOUT AUXILIARY AXLE CONTROL VALVE LOCATION

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

259"

377 / 377 lb

63"

-28 / 327 lb

STEEL - 300MM X 90MM X 9.5MM -- (11.81" X 3.54" X 0.37" )

FRAME REINFORCEMENT - INSIDE, 5MM STEEL, FULL LENGTH OF MAIN RAIL

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT FRAME REINFORCEMENT - OUTSIDE

6" BOLT ON FRAME EXTENSION

Standard Bumper Position

W/O FUEL LINE OPTION

W/O FRAME RAIL CLEARANCE

W/O BRIGHT FINISH FUEL TANKS

WITHOUT GUARD

BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK

FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER

WITHOUT TAPERED FRAME RAIL ENDS

W/O RUST PREVENTATIVE OPTION

W/O RADIATOR GUARD

W/O REAR MUD FLAP HANGER BRKTS

W/O REAR MUD FLAPS

BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)

EXTENDED-SWEPT BACK-STEEL

BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL

W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE

BASIC SOLUTION TRUNNION BRACKET, STD HEIGHT

HOOKS

W/O REAR TOWING DEVICE

W/O REAR TOWING DEVICE

93 GALLON (352 L) 26" ALUMINUM, SLEEVED D-SHAPED

OMIT RH STANDARD

W/O TOOL BOX

BRAIDED HOSE

W/O FILLER NECK SCREEN OPTION

NON-LOCKABLE FUEL TANK CAP

W/O BRIGHT FINISH STEPS AND STRAPS PACKAGE

W/O FAST FILL FUEL SYSTEM OPTION

W/O QUARTER FENDERS

WITHOUT INTERMED XMBR EXCLUSION ZONE

W/O ISOLATED TANK(S)

155 / -2 lb

243 / -26 lb

91 / 42 lb

5 / 3 lb

### AIR/BRAKE

#### Variant

#### Weight F/R

WABCO AIR DR, 1200UP W/ T CUT OFF VALVE, W COALESC OIL FILTER, HEATED

MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS

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## In Progress

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STEEL  
W/O RELOCATION OPTION  
W/O PARK BRAKE ALARM  
TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND  
TRACTOR-TRAILER PARK  
RELOCATE ALL AIR RESERVOIRS INFRAME  
W/O INCREASED AIR RESERVOIR CAPACITY

### ELECTRICAL

#### Variant

#### Weight F/R

CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING  
W/O SPOTLIGHT  
WITHOUT PARKING BRAKE LIGHTING  
ECCO BACK-UP ALARM 575 CONSTANT SOUND LEVEL 107 dB  
WITHOUT FOG LIGHTS  
WITHOUT FOG LAMP TECHNOLOGY  
W/O AUX LAMP PROVISIONS  
FURNISH STANDARD TAIL-LIGHTS  
FURN. (1) EXTRA DASH MTD. ROCKER SWITCH (THRU IGNITION) FOR  
LOCAL INSTALLED ITEMS  
W/O MARKER/DIR SIGNAL OPTION  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT WARNING LIGHTS

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

WITHOUT FIFTH WHEEL ANGLES  
WITHOUT 5TH WHEEL ANGLE THICKNESS  
WITHOUT FIFTH WHEEL OFFSET  
GLAD HAND COUPLINGS - NORTH AMERICAN STD  
HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL  
FUNCTION  
OMIT TRAILER AIR BRAKE CONNECTIONS  
W/O TRAILER ACCESS PACKAGE  
SINGLE 7 PINS STD SAE TYPE, END OF FRAME  
W/O TRAILER HOOK-UP LIGHT

7 / 0 lb

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT HYDRAULIC PUMP  
NO FRAME MODIFICATIONS PROVIDED

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## In Progress

Date 1/4/2017  
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CERTIFIED WEIGHT  
W/O OIL COOLER AUX TRANS OPTION  
WITHOUT PTO CONTROL  
W/O NEUTRAL CONTROL  
1350 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION) 16 / 0 lb  
WITHOUT AIR UNLOAD SYSTEM  
W/O COLLISION WARNING SYSTEM  
WITHOUT PTO TRANSMISSION SIDE, FREE SPACE  
BODY LINK III W/CAB PASS-THRU  
WITHOUT TIME GAP SETTINGS  
W/O SPECIAL DECALS  
WITHOUT REAR ENGINE POWER TAKE OFF  
W/O REAR MTD PTO

### CAB (A THRU G)

#### Variant

#### Weight F/R

FENDER EXTENSIONS 5 / 0 lb  
(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED  
CIGAR LIGHTER  
ASHTRAY  
U.S. UNITS (PREDOMINANT)  
STD PKG + ENG OIL TEMP, TRANSM OIL TEMP & EXH PYROMETER  
WITHOUT REAR AXLE OIL TEMPERATURE GAUGE  
W/O INSIDE/OUTSIDE TEMP GAUGE OPTION  
POLYURETHANE FLOOR MAT  
TINTED WINDSHIELD, TINTED SIDE WINDOW AND TINTED REAR WINDOW  
(IF EQUIPPED)  
BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR  
WINDSHIELD POST  
GRILLE PAINTED GRAY  
BRIGHT FINISH BARS W/BRIGHT FINISH SURROUND GRILL MOUNTED  
W/O AUTO RADIO SHUTOFF OPTION  
MACK (BERGSTROM) INTEGRAL W/HEATER COMBINATION  
HEATER/DEFROSTER AND AIR CONDITIONER  
W/O FIRE EXTINGUISHER OPTION  
W/O CAB FAN, AUX AIR CIRC OPTION  
W/O POUCH  
W/O SATELLITE RADIO ANTENNA  
SPEAKER LOCATION, BEHIND DOORS, MIDDLE HIGH SIDE PANEL  
PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND  
WITHOUT CAB CLEANOUT

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O OPTIONAL DASH MTD. LIGHT  
W/O HUBODOMETER  
W/O BUG DEFLECTOR OPTION  
W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)  
W/O INDEPENDENT ENGINE HOURMETER  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION

### CAB (H THRU R)

#### Variant

#### Weight F/R

HOOD INSULATION  
REAR CAB SUSPENSION, AIR  
RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR  
W/O CB RADIO  
(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS  
REAR WINDOW (FIXED TYPE)  
VINYL COVERED FOAM PADDED HEADLINER  
WITHOUT HOOD HATCH  
PAINTED HOOD LATCHES  
CO-PILOT DRIVER DISPLAY, ENHANCED 4.5" DIAGONAL LCD DISPLAY  
W/4-BUTTON STALK CONTROL  
PUREBRED SANDSTONE  
W/O ELECTRONIC KEYLESS ENTRY  
WITHOUT CONVEX TYPE  
W/O PERMIT PLATE OPTION  
(1) MACK RECTANGULAR SINGLE TRUMPET  
W/O ANTENNA OR PREP KIT  
SINGLE TONE  
(5) MARKER AND CLEARANCE, INCANDESCENT, SURFACE MOUNTED  
CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE  
CHASSIS KEYED AT RANDOM - 2 KEYS  
AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH INTEGRATED CONVEX MIRROR  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE  
W/O ROOF VENT VENTILATION

-6 / -2 lb

7 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

STORAGE POUCH REAR  
CHARCOAL GRAY  
HEATED MIRROR TIME-OUT, 60 MIN  
W/O UPPER STORAGE OPTION  
W/O REFLECTOR KIT OPTION

### CAB (S THRU Z)

#### Variant

#### Weight F/R

WITHOUT EXTERIOR SUNVISOR  
HAND CRANK OPERATION  
KEY TYPE  
2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
W/O ARM RESTS  
W/O IND.  
W/O SEAT DUST COVER FOR DRIVER'S AND RIDER'S SEATS  
BOSTROM TALLADEGA 915 (MID-BACK) AIR SUSPENSION  
RH/LH LED WORK LIGHT (STEPS & GROUND) ON BOTH SIDES TRUCK  
ALL VINYL, CAB INTERIOR DEPENDENT COLOR DRIVER & RIDER SEATS  
LAP & SHOULDER (BOTH SEATS) CAB MTD SHOULDER BELT  
ADJUSTMT(NOT AVAIL W/EXTED RIDER SEAT)  
SELF CANCELLING TURN SIGNALS  
W/O WINDSHIELD WASHER OPTION  
2 SPOKE URETHANE GRIP, CHARCOAL SPOKES, W/O SWITCHES  
SUN VISOR - BOTH SIDES  
2-PIECE WINDSHIELD

27 / 12 lb

3 / 0 lb

### AERODYNAMIC DEVICES

#### Variant

#### Weight F/R

WITHOUT AERO AIDS

### WHEELS & TIRES

#### Variant

#### Weight F/R

WITHOUT WHEEL FINISHING TRAILING  
LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY  
ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY  
EIGHT REAR AXLE TIRES & WHEELS  
TWO FRONT TIRES & WHEELS  
315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS)  
TIRE SPEED LIMIT BASIC

161 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND HOLES (11 1/4"/286mm BC) 5.25" INSE  
W/O FRONT DISC WHEEL BRIGHT FINISH  
11R22.5 G BRIDGESTONE M710 (DRIVE ONLY)  
22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286 mm BC)  
WHEEL NUT BASIC FINISH, REAR  
WITHOUT REAR WHEEL RIM CLAMP  
W/O REAR DISC WHEEL BRIGHT FINISH  
WHEEL STUDS BASIC LENGTH  
W/O FRONT WHEEL GUARD OPTION  
W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM  
W/O FRONT WHEEL NUT OPTION  
PROVIDE STANDARD VALVE STEMS AND CAPS  
W/O SPARE WHEEL W/TIRE  
W/O SPARE TIRE CARRIER  
W/O HYDRAULIC JACK

93 / 0 lb

0 / 122 lb

0 / 84 lb

### COMMUNICATION SYSTEMS

#### Variant

#### Weight F/R

DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1  
W/O NAVIGATION/COMM DEVICE  
WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL  
GUARDDOG CONNECT W/3G AND WLAN SYSTEM W/DIAGNOSTIC

### VEHICLE ELECTRONICS

#### Variant

#### Weight F/R

WITHOUT SERVICE ALERT SYSTEM  
WITHOUT RESET DRIVER ID TIMER  
DRIVER ID FUNCTION, DISABLED  
WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS  
WITHOUT DRIVER ID ALERT TIMER  
WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED  
WITHOUT FUEL ECONOMY CALCULATION DISTANCE INTERVAL  
WITHOUT FUEL ECONOMY PENALTY TARGET  
WITHOUT FUEL ECONOMY REWARD TARGET  
ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE  
30 SEC IDLE S/D WARNING TIME  
ENGINE IDLE COOLDOWN, DISABLE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
IDLE SHUTDOWN TIME 10 MIN.  
MIN CRUISE, 32 KPH (20 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED  
WITHOUT FUEL ECONOMY INCENTIVE PROGRAM  
WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE  
WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
PTO 1ST, SINGLE SPEED SETTING, 1000 RPM  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
PTO 1ST, MAX ENGINE SPEED, 2100 RPM  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
ENGINE IDLE SHUTDOWN, DISABLE  
VEHICLE OVERSPEED, ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM  
PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
PTO2 SINGLE SPEED SETTING, 1000 RPM  
PTO 2ND, MAX ENGINE SPEED, 2100 RPM  
WITHOUT LOW IDLE RPM ADJUSTMENT

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
MAX CRUISE, 105 KPH (65 MPH)  
ENGINE PROTECTION (SHUTDOWN)  
IDLE CONTROL, 650 RPM  
WITHOUT ENGINE IDLE ADJUST  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
WITHOUT PERIODIC TRIP LOG, HOUR  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
OIL PRESSURE, ENGINE SHUTDOWN  
INCREASE 10 MINUTE MAXIMUM TIME  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
WITHOUT SERVICE ALERT  
5 MIN. WARM UP TIME DELAY  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITH CRUISE CONTROL  
WITHOUT ACCELERATOR LIMITER  
AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)  
AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)  
WITHOUT PTO2 HOLD  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
WITHOUT PTO1 ACCEL "BUMP-UP"

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD  
WITHOUT WITH RSL CONTROL TYPE  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE  
W/O PTO2 SPLITTER RANGE  
W/O PTO1 FOR SPLITTER RANGE  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
SAME AS FIRST COLOR- HOOD  
WITHOUT SLEEPER ROOF COLOR  
WITHOUT CHASSIS FAIRINGS  
WITHOUT ROOF FAIRING  
WITHOUT SUN VISOR PAINT  
WITHOUT MIRROR COVER PAINT  
MACK BLACK (URETHANE)  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR  
W/O OPTIONAL FUEL TANK PAINT  
W/O PAINT FOR FUEL TANK (7HB-Z1X)  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

W/O TELOGIS PACKAGE  
WITHOUT mDRIVE CLUTCH PROTECTION PLAN  
WITHOUT OMNITRACS FOR MACK TRUCKS  
W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION  
COVERAGE  
24 MNTH - GUARDDOG CONNECT - INCLUDES ASIST AND MACK ONECALL  
24 MNTH - ASIST AND MACK ONECALL  
HEAVY DUTY WARRANTY CLASSIFICATION  
HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES  
(161,000 KM)  
MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES  
(402,000KM)  
US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE  
60 MONTHS/100,000 MILES (161,000 KM)  
W/O MACK ENGINE EXHAUST AFTERTREATMENT COVERAGE  
ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty  
and extended coverage data  
STANDARD MACK HEAVY DUTY COVERAGE 36 MONTHS / 350,000 (563,000  
KM)  
AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12  
MONTHS UNLIMITED MILEAGE  
STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000  
MILES  
STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES  
(402,000 KM)  
W/O STARTER PURCHASED COVERAGE  
W/O ALTERNATOR PURCHASED COVERAGE  
W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE  
W/O PREMIUM MAINTENANCE PLAN

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## In Progress

W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Local Costs

18A GUAllison 4500RDS  
2017 Freight  
2018 Emission Surcharge GU

LR613 R (11L) - 6x4 DAYCAB

18815 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR  
DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY  
VEHICLE BRAND  
2018A Pricebook  
LR613 R (11L) - 6x4 DAYCAB  
MUNICIPAL  
ALL 50 STATES, CARB ENGINE EMISSION (US17)  
ENGLISH  
CLASS B HIGHWAY-INNER CITY  
DUMP TRUCK  
NORMAL HIGHWAY, STARTING GRADES<12%  
HARD DIRT LOADING AND / OR UNLOADING SURFACE  
CONSTRUCTION SERVICE

10814 / 2216 lb

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

#### Variant

#### Weight F/R

MP7-325M MACK 325HP @ 1400-1900 RPM (PEAK) 2100 RPM (GOV) 1260  
LB-FT, US'17  
4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5  
W/PROGNOSTICS  
ALLISON VOC PKG# 183 RDS REFUSE WITH AUTO-NEUTRAL, PBAN, RDCI

732 / 245 lb

### EXHAUST/EMISSIONS

#### Variant

#### Weight F/R

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

THE AMERICAN TRUCK  
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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK  
PLAIN END, SIDE OUTLET DIFFUSER  
W/O VERT EXH-BRIGHT FINISH  
W/O DPF REGENERATION CONTROL SWITCH  
EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC  
PASSIVE REGEN  
6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD  
EMISSION OBD, DISPLAY ONLY, USA2016

### ENGINE EQUIPMENT

#### Variant

#### Weight F/R

MERITOR/WABCO 636 (37.4 CFM)	
13" (330 mm) DIAMETER BEHIND CAB W/SNORKEL, SINGLE ELEMENT DRY TYPE	
DELCO 12V 160A (24SI)	16 / 0 lb
(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE	16 / 5 lb
TO -34 DEGREES F (-37 DEGREES C)	
W/O BUG SCREEN/WINTER FRONT	-8 / 3 lb
WITH AUXILIARY COOLING	80 / -15 lb
MACK COOLANT CONDITIONER	
120V 1500 WATT ENGINE BLOCK HEATER	5 / 0 lb
ENGINE BLOCK HEATER RECEPTACLE, BASIC LOCATION	
BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE	
MACK MP7 POWERLEASH	36 / 5 lb
MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)	
W/O FUEL HEATER	
WITHOUT NATURAL GAS FUEL LEAK DETECTOR	
SILICONE RADIATOR AND HEATER HOSES	
12 VOLT DELCO 39MT-MXT	
OIL PAN	
PLASTIC COATED CABLE, MOUNTED FRONT OF EACH BATTERY BOX	
LENGTH TO ALLOW COVER TO SET ON GROUND	
W/O OIL PAN HEATER	
W/O ENGINE COLD START AID	
SINGLE BOX (3) BATTERY MAX PERP. TO FRAME 11" FROM NTOF	
MOLDED PLASTIC	
Flaming River BIG SWITCH wired to positive side	
SHOCK PADS UNDER BATTERIES	
W/O EMERGENCY STARTING RECEPT.	
INCREASE 10 MINUTE MAXIMUM TIME	

### CLUTCH/TRANS EQUIPMENT

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## In Progress

### Variant

MERITOR 18 MXL "XTENDED LUBE"  
FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD  
TRANSMISSION  
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS  
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER  
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING  
HALF-ROUND UNIVERSAL JOINT  
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE  
MERITOR 17 MXL "XTENDED LUBE"  
ENGINE SMART TORQUE FEATURE, DISABLED  
WITHOUT TRANSMISSION PROTECTION

Date 1/4/2017  
Quote no. BRUC2016000112F286

### Weight F/R

9 / 9 lb

## FRONT AXLE EQUIPMENT

### Variant

20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT  
SPINDLE/UNITIZED BEARINGS  
MERITOR "S" CAM TYPE 16.5" x 6" Q+  
BRAKE LINING MATERIAL FRONT, MERITOR / R403  
CAST IRON BRAKEDRUM, FRONT AXLE  
OMIT  
FERROUS  
DOUBLE ACTING TYPE  
MERITOR - AUTOMATIC  
MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING  
W/O STATIC LOAD CUSHIONS  
M100P PLUS RIGHT SIDE ASSIST CYLINDER  
FRONT BRAKE CHAMBER MANUFACTURER, MGM  
FRONT BRAKE CHAMBER 30SQ INCHES (SERVICE)

### Weight F/R

20 / 0 lb

3 / 0 lb

-15 / 0 lb

142 / 0 lb

## REAR AXLE EQUIPMENT

### Variant

W/O WIDE TRACK AXLE OPTION  
ABEX 931-162 (MERITOR R301)(REAR EACH AXLE 23,000LBS MAX)  
MERITOR - AUTOMATIC  
38000# (17237kg) MACK S38R (268 1028) FABRICATED STEEL HOUSING  
SS38 MACK MULTILEAF (CAMELBACK) 38000# CAPACITY, EXTRA THICK  
SPRING THICKNESS  
W/O AIR SUSP HEIGHT CONTROL  
CRDP150/151

### Weight F/R

0 / 1420 lb

0 / 1451 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

3.98 RATIO  
MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+ 0 / -17 lb  
CAST IRON BRAKE DRUMS  
OMIT  
W/O LUBE PUMP AND FILTER  
IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT  
PREMIUM HUB OIL REAR SEAL  
POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT 0 / 40 lb  
W/O REAR SHOCK ABSORBERS  
FACTORY OPTION LUBE - REAR AXLE  
RUBBER SHOCK INSULATORS  
MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS  
REAR SPRING BRAKE CHAMBERS 30/30 TYPE  
50" AXLE SPACING (BOGIE WHEELBASE)  
OMIT DIFFERENTIAL LOCKS - 3 AXLES  
TRANSVERSE TORQUE ROD (REAR AXLE ONLY) 0 / 67 lb  
BRONZE 0 / 20 lb  
INTEGRATED TYPE  
4S/4M SYSTEM REAR WHEEL END SENSORS  
W/O BRAKE DIAPHRAGM OPTION  
BENDIX WITH TRACTION CONTROL

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

STEEL-3/8" X 13 3/8" X 3 1/4" (CLASS 8)  
210" 247 / 247 lb  
66" -15 / 100 lb  
FULL INSIDE REINFORCEMENT, STEEL 1/4" 6.35  
12" FRONT FENDER MOUNTED  
FLUSH-PAINTED STEEL  
STEEL 1/2" PL BOLTED BOC & INTERMDT 1/8" BELOW TOP OF RAIL  
W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE 25 / -81 lb  
WITHOUT CROSSMEMBER, BOGIE  
FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER  
W/O FRAME RAIL CLEARANCE  
W/O SKID PLATE  
CENTER TOW CAPABILITY BASED ON BUMPER SELECTION  
WITHOUT TOWING DEVICES ,REAR  
WITHOUT LH FUEL TANK  
70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR 111 / 111 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O FRONT FRAME EXTENSION  
BRAIDED HOSE  
RELOCATE R.H. TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF RAIL  
W/O BRIGHT FINISH FUEL TANKS  
FOR RH FUEL TANK, INCLUDES SUMP

### AIR/BRAKE

#### Variant

#### Weight F/R

W/O BODYBUILDER AIR LINES  
WABCO AIR DR, 1800P W/O TURBO CUT OFF VALVE, W/COALESC OIL FILTER  
W/O RELOCATION OPTION  
STEEL  
MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS  
W/O WORK BRAKE  
SINGLE VALVE SYSTEM  
W/O RELOCATED AIR RESERVOIRS

### ELECTRICAL

#### Variant

#### Weight F/R

WITH PARKING BRAKE LIGHTING  
PARK BRAKE AND ENGINE RUNNING ACTIVATED  
WITHOUT BACK-UP ALARM  
COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT  
ALL CIRCUITS FUSE/BREAKER PROTECTED  
HEADLAMP BULB TYPE, HALOGEN  
FURNISH STANDARD TAIL-LIGHTS  
W/O PWR TERMINAL-STROBE LIGHT OPTION  
WITHOUT HEADLAMP PROTECTION  
FRONT AND SIDE DIRECTION IND & MARKER, LED TYPE

0 / -2 lb

3 / 0 lb

### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

W/O PWR INDICATOR LIGHT

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT ADDITIONAL ELECTRICAL SCHEMATIC  
WITHOUT HYDRAULIC PUMP  
WITHOUT PROP SHAFT FROM MAIN TO AUX TRANSMISSION

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

CERTIFIED WEIGHT  
W/O RUST PREVENTATIVE OPTION  
FURNISH DRILLINGS ONLY TIE DOWN BRKTS 173"WBNO FRAME  
MODIFICATIONS PROVIDED  
BODY BUILDER PREP. CAB FLOOR  
EL PREP KIT, REFUSE (NO PASS THRU, 9 & 29 PIN BOC), CTRL LINK2  
W/O FRONT END PTO DRIVE  
WITHOUT PTO ENGINE REAR  
W/O REAR MTD PTO  
W/O SPECIAL DECALS

### CAB (A THRU G)

#### Variant

#### Weight F/R

L.H. DRIVE RH SIT DOWN, EXTENDED CAB VERSION  
GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)  
LOCATED IN STD LOCATION  
W/O REAR VIEW CAMERA PREP KIT  
BASIC FUEL LEVEL SENDER MOUNTED ON R.H TANK  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION  
U.S. UNITS (PREDOMINANT)  
TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT  
GAUGE, EXHAUST PYROMETER  
WITHOUT GEAR SHIFT INHIBITOR  
BLACK, EXTENDED CAB VERSION  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH  
RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE  
W/O AUTO RADIO SHUTOFF OPTION  
W/O ROOF MTD LAMP OPTION  
WITHOUT AUXILIARY GAUGES  
W/O FIRE EXTINGUISHER OPTION  
W/O CAB FAN, AUX AIR CIRC OPTION  
EMBLEMS OPTION, COMPLETE  
STD HEATER  
MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONIDITIONER UNIT)  
W/R134a REFRIGERANT  
LH & RH FRONT HINGED DOORS W/POWER WINDOWS BOTH SIDES  
W/O RH DOOR PEEP WINDOW AND W/O LH DOOR VENT  
W/O CAB CORNER PROTECTION, FRONT  
W/O MANIFOLD PRESSURE GAUGE

3 / 0 lb

93 / 0 lb

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## In Progress

### CAB (H THRU R)

#### Variant

(1) TWIN-UNDER CAB TRUMPET W/DUAL LANYARD CONTROL  
SINGLE TONE  
LED TYPE ROOF MARKER  
CHASSIS KEYED AT RANDOM - 2 KEYS  
LH & RH ELECTRIC HEATED & OPERATED, W/O MEMORY  
BLACK SQUARE HEATED CONVEX MIRROR - (except on bi-fold doors)  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
W/O ROOF VENT VENTILATION  
W/O OPTIONAL HOOD INSULATION  
W/O REAR STORAGE POUCH  
WITHOUT OVERHEAD SWITCH PANEL

Date 1/4/2017  
Quote no. BRUC2016000112F286

#### Weight F/R

### CAB (S THRU Z)

#### Variant

W/O INDEPENDENT ENGINE HOURMETER  
SEARS SEATING C-2 W/FABRIFORM CUSHIONS (MID BACK) AIR  
SUSPENSION  
SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) AIR  
SUSPENSION  
FABRIFORM CLOTH, BLACK, DRIVER AND RIDER SEATS  
SEAT BELTS (ORANGE)/RETRACTORS, LAP AND SHOULDER FOR DRIVER  
AND RIDER SEAT  
STEERING COLUMN, ADJUSTABLE TILT TELESCOPE  
TWO SPOKE URETHANE GRIP CHARCOAL SPOKES  
MANUAL CANCELLING TURN SIGNALS  
OMIT WINDSHIELD PROTECTOR  
W/O WINDSHIELD WASHER OPTION  
BOTH SIDES

#### Weight F/R

7 / 0 lb

-15 / 0 lb

### WHEELS & TIRES

#### Variant

LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY  
OTHER (NON-SPECIFIED), VERY POOR FUEL ECONOMY  
TWO FRONT TIRES & WHEELS  
EIGHT REAR AXLE TIRES & WHEELS  
315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS)  
22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND  
HOLES (11 1/4"/286mm BC) 5.25" INSE

#### Weight F/R

161 / 0 lb

93 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O FRONT DISC WHEEL BRIGHT FINISH  
W/O FRONT WHEEL NUT OPTION  
PROVIDE STANDARD VALVE STEMS AND CAPS

TIRE SPEED LIMIT BASIC

11R22.5 G BRIDGESTONE M770 (DRIVE ONLY)

0 / 131 lb

WITHOUT REAR WHEEL RIM CLAMP

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO  
HAND HOLES (11 1/4"/286 mm BC)

0 / 84 lb

W/O REAR DISC WHEEL BRIGHT FINISH

W/O SPARE WHEEL W/TIRE

WHEEL NUT BASIC FINISH, REAR

## COMMUNICATION SYSTEMS

### Variant

### Weight F/R

WITHOUT TELEMATIC GATEWAY AND WITHOUT REMOTE DIAG. SERVICES

## VEHICLE ELECTRONICS

### Variant

### Weight F/R

WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS

MIN CRUISE, 32 KPH (20 MPH)

WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE

AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)

AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)

WITHOUT COOLANT LEVEL ENGINE SHUTDOWN

COOLANT TEMP, ENGINE SHUTDOWN

WITH CRUISE CONTROL

MAX CRUISE, 105 KPH (65 MPH)

DETECTION OF SPEED SENSOR TAMPERING, ENABLE

WITHOUT DRL OVERRIDE SPEED THRESHOLD

WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW

WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"

WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"

WITHOUT ELECTRONIC HAND THROTTLE HOLD

WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED

ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM

ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM

WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING

ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)

WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL

ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
WITHOUT ENGINE IDLE ADJUST  
IDLE CONTROL, 650 RPM  
ENGINE IDLE COOLDOWN, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
IDLE SHUTDOWN TIME 10 MIN.  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
ENGINE PROTECTION (SHUTDOWN)  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY  
IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD  
5 MIN. WARM UP TIME DELAY  
30 SEC IDLE S/D WARNING TIME  
ENGINE IDLE SHUTDOWN, DISABLE  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
WITHOUT LOW IDLE RPM ADJUSTMENT  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
OIL PRESSURE, ENGINE SHUTDOWN  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
WITHOUT PERIODIC TRIP LOG, HOUR  
PTO 1ST, MAX ENGINE SPEED, 2100 RPM  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
PTO 2ND, MAX ENGINE SPEED, 2100 RPM  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO2 SINGLE SPEED SETTING, 1000 RPM  
PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
PTO 1ST, SINGLE SPEED SETTING, 1000 RPM  
WITHOUT PTO2 ACCEL "BUMP-UP"  
WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO2 HOLD  
WITHOUT WITH RSL CONTROL TYPE  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
WITHOUT SERVICE ALERT  
W/O PTO1 FOR SPLITTER RANGE  
W/O PTO2 SPLITTER RANGE  
ACCELERATION LIMITING FEATURE, DISABLED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

WITHOUT MIRROR COVER PAINT  
SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

SAME AS FIRST COLOR - CAB  
MACK BLACK (URETHANE)  
CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR  
PAINT FUEL TANK SAME COLOR AS CHASSIS RUNNING GEAR  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

### CALCULATED CODES - KAX

#### Variant

#### Weight F/R

YES, THE ORDER MUST BE CALCULATED

### BASE WARRANTY & PURCHASED COVERAGES

#### Variant

#### Weight F/R

ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)  
NO GUARDDOG CONNECT (ASSIST & MACK ONECALL)  
24 MNTH - ASIST AND MACK ONECALL  
WITHOUT OMNITRACS FOR MACK TRUCKS  
W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE  
W/O TELOGIS PACKAGE  
HEAVY DUTY WARRANTY CLASSIFICATION  
STANDARD MACK HEAVY DUTY COVERAGE 36 MONTHS / 350,000 (563,000 KM)  
AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE  
STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES  
STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)  
W/O STARTER PURCHASED COVERAGE  
W/O ALTERNATOR PURCHASED COVERAGE  
W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE  
W/O PREMIUM MAINTENANCE PLAN  
W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES  
(161,000 KM)

MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES  
(402,000KM)

US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE  
60 MONTHS/100,000 MILES (161,000 KM)

W/O MACK ENGINE EXHAUST AFTERTREATMENT COVERAGE

### Local Costs

2017 Freight

2018 Emission Surcharge 29

**MRU613 R (11L) - 6x4 DAYCAB**

17538 lb

### CUSTOMER/VEHICLE INFO

#### Variant

#### Weight F/R

2018 MODEL YEAR

DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY  
VEHICLE BRAND

2018A Pricebook

MRU613 R (11L) - 6x4 DAYCAB

10814 / 2357 lb

MUNICIPAL

ALL 50 STATES, CARB ENGINE EMISSION (US17)

ENGLISH

CLASS B HIGHWAY-INNER CITY

DUMP TRUCK

NORMAL HIGHWAY, STARTING GRADES<12%

HARD DIRT LOADING AND / OR UNLOADING SURFACE

CONSTRUCTION SERVICE

### APPLICATION PACKAGES

#### Variant

#### Weight F/R

NO PILOT REQUESTED

### ENGINE/TRANSMISSIONS

#### Variant

#### Weight F/R

MP7-375M MACK 375HP @ 1500-1900 RPM (PEAK) 2100 RPM (GOV) 1360  
LB-FT, US'17

4500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 5  
W/PROGNOSTICS

732 / 245 lb

ALLISON VOC PKG# 223 RDS ON-OFF HIGHWAY (2ND REVERSE CAPABLE),  
PBAN

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

ENGINE GOVERNOR TYPE MIN-MAX

### EXHAUST/EMISSIONS

#### Variant

#### Weight F/R

CLEARTECH VV DPF VERTICAL LH SIDE BACK OF CAB W/SCR VERT RH  
SIDE BOC  
DPF, OUTBOARD, SINGLE (R/S) VERTICAL STRAIGHT EXHAUST STACK  
PLAIN END, SIDE OUTLET DIFFUSER  
W/O VERT EXH-BRIGHT FINISH  
NO INHIBIT DPF REGENERATION SWITCH  
EXHAUST AFTER-TREATMENT SYSTEM DIESEL PARTIC FILTER CERAMIC  
PASSIVE REGEN  
6.6 GALLON (25 L) 22" DIAMETER TANK RIGHT SIDE MTD  
EMISSION OBD, DISPLAY ONLY, USA2016

### ENGINE EQUIPMENT

#### Variant

#### Weight F/R

MERITOR/WABCO 636 (37.4 CFM)	
13" (330 mm) DIAMETER BEHIND CAB W/SNORKEL, SINGLE ELEMENT DRY TYPE	
DELCO 12V 160A (24SI)	16 / 0 lb
(3) MACK 12V 1000/3000 CCA THREADED STUD TYPE	16 / 5 lb
TO -34 DEGREES F (-37 DEGREES C)	
W/O BUG SCREEN/WINTER FRONT	-8 / 3 lb
WITH AUXILIARY COOLING	142 / -26 lb
MACK COOLANT CONDITIONER	
120V 1500 WATT ENGINE BLOCK HEATER	5 / 0 lb
ENGINE BLOCK HEATER RECEPTACLE, BASIC LOCATION	
BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE	
MACK MP7 POWERLEASH	36 / 5 lb
RACOR FUEL FILTER 1000 FH, 12V/ELECTRICAL HEATER W/MACK INTEGRAL FUEL/WATER SEPARATOR	9 / 0 lb
Without Auxilliary Fuel Heating	
W/O FUEL HEATER	
WITHOUT NATURAL GAS FUEL LEAK DETECTOR	
SILICONE RADIATOR AND HEATER HOSES	
12 VOLT DELCO 39MT-MXT	
W/O OIL CHANGE SYSTEM	
OIL PAN	
W/O TETHER DEVICE	
W/O OIL PAN HEATER	

THE AMERICAN TRUCK  
YOU CAN COUNT ON





## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

W/O ENGINE COLD START AID  
SINGLE BOX (3) BATTERY MAX PERP. TO FRAME 11" FROM NTOF  
MOLDED PLASTIC  
Flaming River BIG SWITCH wired to positive side  
SHOCK PADS UNDER BATTERIES  
EMERGENCY START STUDS, BATTERY BOX MOUNTED  
INCREASE 10 MINUTE MAXIMUM TIME

3 / 0 lb

### CLUTCH/TRANS EQUIPMENT

#### Variant

#### Weight F/R

OMIT CLUTCH  
MERITOR 18 MXL "XTENDED LUBE"  
WITHOUT CLUTCH BRAKE  
FURNISH TC541 FOR USE W/ALLISON (HD) SERIES WORLD  
TRANSMISSION  
TRANSYND SYNTHETIC LUBE FOR ALLISON TRANS  
W/O CLUTCH PEDAL  
FURNISH FOR ALLISON TRANSMISSION W/DIRECT MOUNT COOLER  
WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING  
HALF-ROUND UNIVERSAL JOINT  
PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE  
MERITOR 17 MXL "XTENDED LUBE"  
ENGINE SMART TORQUE FEATURE, DISABLED  
WITHOUT TRANSMISSION PROTECTION

9 / 9 lb

### FRONT AXLE EQUIPMENT

#### Variant

#### Weight F/R

20000# (9072kg) MACK FXL20 WIDE PIVOT CENTER STRAIGHT  
SPINDLE/UNITIZED BEARINGS  
MERITOR "S" CAM TYPE 16.5" x 6" Q+  
BRAKE LINING MATERIAL FRONT, MERITOR / R403  
CAST IRON BRAKEDRUM, FRONT AXLE  
OMIT  
FERROUS  
DOUBLE ACTING TYPE  
MERITOR - AUTOMATIC  
MACK TAPERLEAF 20000# (9072kg) GROUND LOAD RATING  
W/O STATIC LOAD CUSHIONS  
XD120 SHEPPARD STEERING GEAR (RATIO 23:1)  
FRONT BRAKE CHAMBER MANUFACTURER, MGM

325 / 0 lb

16 / 0 lb

20 / 0 lb

3 / 0 lb

-119 / 0 lb

181 / 0 lb

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

FRONT BRAKE CHAMBER 30SQ INCHES (SERVICE)

### REAR AXLE EQUIPMENT

#### Variant

#### Weight F/R

W/O WIDE TRACK AXLE OPTION

ABEX 931-162 (MERITOR R301)(REAR EACH AXLE 23,000LBS MAX)

MERITOR - AUTOMATIC

46000# (20866kg) MACK S440-46 (268 1904) FAB STEEL HOUSING -  
RECERTIFICATION

0 / 1447 lb

S440 MACK MULTILEAF (CAMELBACK) 46000# - RECERTIFICATION

0 / 362 lb

W/O AIR SUSP HEIGHT CONTROL

CRDP150/151

3.98 RATIO

MERITOR "S" CAM 16.5"x7" (419x178 mm) Q+

0 / -17 lb

CAST IRON BRAKE DRUMS

OMIT

W/O LUBE PUMP AND FILTER

IRON PRESET REAR HUB W/INTEGRATED SPINDLE NUT

PREMIUM HUB OIL REAR SEAL

POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT

0 / 40 lb

W/O REAR SHOCK ABSORBERS

FACTORY OPTION LUBE - REAR AXLE

RUBBER SHOCK INSULATORS

MGM MODEL TR-T; TAMPER-RESISTANT BRAKE CHAMBERS

REAR SPRING BRAKE CHAMBERS 30/30 TYPE

50" AXLE SPACING (BOGIE WHEELBASE)

OMIT DIFFERENTIAL LOCKS - 3 AXLES

TRANSVERSE TORQUE ROD (REAR AXLE ONLY)

0 / 36 lb

BRONZE

0 / 20 lb

INTEGRATED TYPE

4S/4M SYSTEM REAR WHEEL END SENSORS

W/O BRAKE DIAPHRAGM OPTION

BENDIX WITH TRACTION CONTROL

### FRAME EQUIPMENT/FUEL TANKS

#### Variant

#### Weight F/R

STEEL-3/8" X 13 3/8" X 3 1/4" (CLASS 8)

210"

89 / 89 lb

66"

9 / -61 lb

FULL INSIDE REINFORCEMENT, STEEL 1/4" 6.35

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

12" FRONT FENDER MOUNTED  
EXTENDED-SWEPT BACK-STEEL (INCL. CENTER TOW PIN) N/A W/ FRONT  
FRAME EXT.

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

W/O OPTIONAL CROSSMEMBERS BEHIND REAR AXLE/BOGIE

36 / -92 lb

WITHOUT CROSSMEMBER, BOGIE

FURNISH STANDARD STEEL CLOSING REAR CROSSMEMBER

W/O FRAME RAIL CLEARANCE

W/O SKID PLATE

CENTER TOW CAPABILITY BASED ON BUMPER SELECTION

WITHOUT TOWING DEVICES ,REAR

WITHOUT LH FUEL TANK

70 GALLON (265 L) STEEL, 26"x24" RECTANGULAR

111 / 111 lb

W/O FRONT FRAME EXTENSION

BRAIDED HOSE

RELOCATE R.H. TANK AS FAR FORWARD AS POSSIBLE, 5" BELOW TOP OF  
RAIL

W/O BRIGHT FINISH FUEL TANKS

FOR RH FUEL TANK, INCLUDES SUMP

## AIR/BRAKE

### Variant

### Weight F/R

W/O INCREASED AIR RESERVOIR CAPACITY

W/O BODYBUILDER AIR LINES

WABCO AIR DR,1800P W/O TURBO CUT OFF VALVE,W/COALESC OIL  
FILTER

W/O RELOCATION OPTION

STEEL

MANUAL (PETCOCK) DRAIN VALVES ON ALL TANKS

SINGLE VALVE SYSTEM

W/O RELOCATED AIR RESERVOIRS

## ELECTRICAL

### Variant

### Weight F/R

WITHOUT PARKING BRAKE LIGHTING

PARK BRAKE AND ENGINE RUNNING ACTIVATED

WITHOUT BACK-UP ALARM

COMPUTER AND 2-WAY RADIO DEDICATED CIRCUIT

HEADLAMP BULB TYPE, HALOGEN

FURNISH STANDARD TAIL-LIGHTS

W/O PWR TERMINAL-STROBE LIGHT OPTION

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## In Progress

W/O MARKER/DIR SIGNAL OPTION

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### TRAILER CONNECTIONS

#### Variant

#### Weight F/R

SINGLE 7 PINS STD SAE TYPE, END OF FRAME  
W/O HAND CONTROL VALVE  
GLAD HAND COUPLINGS - NORTH AMERICAN STD  
OMIT TRAILER AIR BRAKE CONNECTIONS  
W/O PWR INDICATOR LIGHT

### PTO/SPECIALTY EQUIPMENT

#### Variant

#### Weight F/R

WITHOUT ADDITIONAL ELECTRICAL SCHEMATIC  
WITHOUT HYDRAULIC PUMP  
WITHOUT PROP SHAFT FROM MAIN TO AUX TRANSMISSION  
CERTIFIED WEIGHT  
W/O RUST PREVENTATIVE OPTION  
FURNISH DRILLINGS ONLY TIE DOWN BRKTS 173"WBNO FRAME  
MODIFICATIONS PROVIDED  
BODY BUILDER PREP. CAB FLOOR  
EL PREP KIT BODY BUILDER MODULE, CMPLT (29PIN CONN, BOC)  
W/O FRONT END PTO DRIVE  
WITHOUT PTO CONTROL  
WITHOUT PTO ENGINE REAR  
W/O REAR MTD PTO  
W/O SPECIAL DECALS

### CAB (A THRU G)

#### Variant

#### Weight F/R

CA531 LOW-PROFILE COE (WELDED STEEL GALVANIZED SHELL)  
INCLUDES MACK RUST PREVENTATIVE PROCEDURES  
GRADUATED LOCK UP (AIR CLEANER INTAKE MOUNTED)  
LOCATED IN STD LOCATION  
W/O ANTISCUFF CAB ENTRY  
W/O REAR VIEW CAMERA PREP KIT  
BASIC FUEL LEVEL SENDER MOUNTED ON R.H TANK  
FURNISH STANDARD (2) STEP CAB ACCESS OPTION  
U.S. UNITS (PREDOMINANT)  
TRANSMISSION GAUGE AND TRANS. OIL HIGH TEMPERATURE LIGHT  
GAUGE, EXHAUST PYROMETER  
WITHOUT GEAR SHIFT INHIBITOR

3 / 0 lb

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## In Progress

Date 1/4/2017  
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### STANDARD FINISH

STANDARD GRAB HANDLE OPTION RH & LH, BEHIND DOOR  
AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND,  
HANDSFREE INTERFACE, BLUETOOTH  
RADIO ANTENNA, CH STYLE COWL MOUNTED ON LH SIDE  
W/O OPTION  
W/O AUTO RADIO SHUTOFF OPTION  
FORWARD OVERHEAD STG, 2 RADIO SHELF, DRIVER SIDE  
NUMBER OF AUXILIARY GAUGES, 1  
W/O FIRE EXTINGUISHER OPTION  
W/O CAB FAN, AUX AIR CIRC OPTION  
OMIT  
EMBLEMS OPTION, COMPLETE  
OMIT STD HEATER  
MACK INTEGRAL W/HEATER (COMBO HEATER/AIR CONIDITIONER UNIT)  
W/R134a REFRIGERANT  
DOORS, FIBERGLASS INCL SLIDING TYPE SIDE WINDOWS, SCREENED  
VENT IN LH DOOR, PEEP WINDOW IN RH DOOR  
GRADUATED LOCKUP TYPE-DASH MTD (W/ MEMORY)  
W/O MANIFOLD PRESSURE GAUGE

### CAB (H THRU R)

#### Variant

#### Weight F/R

(1) MACK RECTANGULAR SINGLE TRUMPET  
SINGLE TONE  
(7) MARKER AND CLEARANCE  
CHASSIS KEYED AT RANDOM - 2 KEYS  
WEST COAST, RH & LH BRIGHT FINISH MACK BULLDOG W/STAINLESS  
STEEL ARMS AND BRACKETS  
WITH AERO MIRRORS  
W/O OPTIONAL VISIBILITY MIRROR  
W/O PERSONALIZED OPTION  
POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER  
CONSOLE  
KEY TYPE

5 / 0 lb

### CAB (S THRU Z)

#### Variant

#### Weight F/R

W/O INDEPENDENT ENGINE HOURMETER  
SEARS SEATING C-2 W/FABRIFORM CUSHIONS (MID BACK) AIR  
SUSPENSION

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

SEARS SEATING C2 W/FABRIFORM CUSHIONS (MID BACK) AIR SUSPENSION

FABRIFORM CLOTH, BLACK, DRIVER AND RIDER SEATS

LAP & SHOULDER (BOTH SEATS) (NOT AVAILABLE WITH EXTENDED RIDER SEAT)

TWO SPOKE URETHANE GRIP CHARCOAL SPOKES

OMIT WINDSHIELD PROTECTOR

-15 / 0 lb

OMIT W/S CORNER WIND DEFLECTOR

## WHEELS & TIRES

### Variant

### Weight F/R

LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY

ADVANCED LOW ROLLING RESISTANCE, BEST FUEL ECONOMY

TWO FRONT TIRES & WHEELS

EIGHT REAR AXLE TIRES & WHEELS

315/80R22.5 L BRIDGESTONE M860A (ALL POSITIONS)

161 / 0 lb

22.5x9.0 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, FIVE HAND HOLES (11 1/4"/286mm BC) 5.25" INSE

93 / 0 lb

W/O FRONT DISC WHEEL BRIGHT FINISH

W/O FRONT WHEEL NUT OPTION

PROVIDE STANDARD VALVE STEMS AND CAPS

TIRE SPEED LIMIT BASIC

11R22.5 G BRIDGESTONE M710 (DRIVE ONLY)

0 / 122 lb

WITHOUT REAR WHEEL RIM CLAMP

22.5x8.25 HAYES LEMMERZ STEEL DISC 10-HOLE HUB PILOTED, TWO HAND HOLES (11 1/4"/286 mm BC)

0 / 84 lb

W/O REAR DISC WHEEL BRIGHT FINISH

W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM

W/O SPARE WHEEL W/TIRE

WHEEL NUT BASIC FINISH, REAR

## COMMUNICATION SYSTEMS

### Variant

### Weight F/R

GUARDDOG CONNECT WITH 3G AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES

## VEHICLE ELECTRONICS

### Variant

### Weight F/R

WITHOUT CUSTOMER UNIQUE VEHICLE PARAMETERS

MIN CRUISE, 32 KPH (20 MPH)

WITHOUT 1ST RATIO FOR REDUCED HIGH IDLE

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## In Progress

Date 1/4/2017  
Quote no. BRUC2016000112F286

AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)  
AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)  
WITHOUT COOLANT LEVEL ENGINE SHUTDOWN  
COOLANT TEMP, ENGINE SHUTDOWN  
WITH CRUISE CONTROL  
MAX CRUISE, 105 KPH (65 MPH)  
WITHOUT CRUISE RESUME WITH CLUTCH  
DETECTION OF SPEED SENSOR TAMPERING, ENABLE  
WITHOUT DRL OVERRIDE SPEED THRESHOLD  
WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW  
WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"  
WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"  
WITHOUT ELECTRONIC HAND THROTTLE HOLD  
WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED  
ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM  
ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING  
ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)  
WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL  
ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC  
ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED  
WITHOUT ENG FAN CONTROL, A/C ON, TIME SETTING  
WITHOUT ENG FAN CONTROL, STATIONARY VEHICLE  
ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED  
WITHOUT ENG FAN CONTROL, MOVING VEHICLE, TIME SETTING  
WITHOUT ENGINE IDLE ADJUST  
IDLE CONTROL, 650 RPM  
ENGINE IDLE COOLDOWN, DISABLE  
ENGINE IDLE DELAY TO START LOG, 2 MIN  
IDLE SHUTDOWN TIME 10 MIN.  
ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM  
ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM  
ENGINE PROTECTION (SHUTDOWN)  
WITHOUT FAN ENGAGEMENT DUE TO PTO  
WITHOUT ENGINE HIGH IDLE SPEED IN UPPER GEARS  
ENGINE HIGH IDLE SPEED IN UPPER GEARS, DISABLED  
IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED  
WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE  
ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE  
38C DEG (100F), WARM UP TEMP DELAY

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## In Progress

Date 1/4/2017  
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IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD  
5 MIN. WARM UP TIME DELAY  
30 SEC IDLE S/D WARNING TIME  
ENGINE IDLE SHUTDOWN, DISABLE  
WITHOUT IDLE SHUTDOWN CONTROL  
ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT  
WITHOUT LAST RATIO FOR FULL HIGH IDLE  
WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE  
WITHOUT LOW GEAR VEHICLE LIMITING SPEED  
WITHOUT LOW IDLE RPM ADJUSTMENT  
WITHOUT MAINTENANCE DUE ALERT PERCENTAGE  
OIL PRESSURE, ENGINE SHUTDOWN  
DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT  
POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)  
105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)  
PERIODIC TRIP LOG, DAY 1 OF THE MONTH  
WITHOUT PERIODIC TRIP LOG, DAY OF WEEK  
WITHOUT PERIODIC TRIP LOG, HOUR  
PTO 1ST, MAX ENGINE SPEED, 2100 RPM  
1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM  
PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
WITHOUT PTO 1ST, SINGLE SPEED CONTROL  
PTO 1ST, SPEED RAMP RATE 100 RPM/SEC  
PTO 1ST, AUTO SET SINGLE SPEED, DISABLE  
WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED  
PTO 2ND, MAX ENGINE SPEED, 2100 RPM  
2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)  
PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM  
PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)  
WITHOUT 2ND PTO, SINGLE SPEED CONTROL  
PTO2 SINGLE SPEED SETTING, 1000 RPM  
PTO 2ND, SPEED RAMP RATE 100 RPM/SEC  
PTO 2ND, AUTO SET SINGLE SPEED, DISABLE  
WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED  
WITHOUT PTO1 ACCEL "BUMP-UP"  
WITHOUT PTO1 DECEL "BUMP-DOWN"  
WITHOUT PTO1 HOLD  
PTO 1ST, SINGLE SPEED SETTING, 1000 RPM  
WITHOUT PTO2 ACCEL "BUMP-UP"

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## In Progress

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WITHOUT PTO2 DECEL "BUMP-DOWN"  
WITHOUT PTO2 HOLD  
WITHOUT WITH RSL CONTROL TYPE  
105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)  
WITHOUT SERVICE ALERT  
W/O PTO1 FOR SPLITTER RANGE  
W/O PTO2 SPLITTER RANGE  
ACCELERATION LIMITING FEATURE, DISABLED  
WITHOUT SERVICE INTERVALS (USER ENTERED)  
VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)  
VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)  
WITHOUT MAXIMUM ENGINE SPEED AT 0 MPH

## PAINT

### Variant

### Weight F/R

WITHOUT MIRROR COVER PAINT  
SINGLE COLOR  
MACK WHITE (HIGH GLOSS)  
NO SECOND TRUCK COLOR PROVIDED; NO COLOR  
NO THIRD TRUCK COLOR PROVIDED; NO COLOR  
SOLID PAINT  
PAINT - CAB, URETHANE CLEAR COAT  
SAME AS FIRST COLOR - CAB  
W/O SPECIAL CAB INTERIOR PAINT (PAINT EXTERIOR COLOR)  
MACK BLACK (URETHANE)  
CHASSIS PAINT PROCESS, STANDARD COLOR (MACK BLACK) 6ABZ1X  
PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR  
PAINT FUEL TANK SAME COLOR AS CHASSIS RUNNING GEAR  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
WITHOUT OPTIONAL SPOKE WHEEL PAINT  
PRE-FINISHED POWDER COAT WHITE  
PRE-FINISHED POWDER COAT WHITE  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
WITHOUT PAINT  
SAME AS CHASSIS RUNNING GEAR  
SAME AS CHASSIS RUNNING GEAR

**CALCULATED CODES - KAX**

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## In Progress

### Variant

Date 1/4/2017  
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### Weight F/R

YES, THE ORDER MUST BE CALCULATED

## BASE WARRANTY & PURCHASED COVERAGES

### Variant

### Weight F/R

ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)

24 MNTH - ASIST AND MACK ONECALL

24 MNTH - GUARDDOG CONNECT - INCLUDES ASIST AND MACK ONECALL WITHOUT OMNITRACS FOR MACK TRUCKS

W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE

W/O TELOGIS PACKAGE

HEAVY DUTY WARRANTY CLASSIFICATION

HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)

MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)

US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)

W/O MACK ENGINE EXHAUST AFTERTREATMENT COVERAGE

STANDARD MACK HEAVY DUTY COVERAGE 36 MONTHS / 350,000 (563,000 KM)

AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE

STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES

STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)

W/O STARTER PURCHASED COVERAGE

W/O ALTERNATOR PURCHASED COVERAGE

W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE

W/O PREMIUM MAINTENANCE PLAN

W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN

### Local Costs

18A MRU-3Allison 4500RDS

2017 Freight

2018 Emission Surcharge 29

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In Progress

Date 1/4/2017  
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# Vehicle Spec

BASE MODEL		Description	Front Weight	Rear Weight	Price
004738	BASE MODEL	VHD64B200			

## VEHICLE ADAPTATION

O DKXG2X	GROSS COMBINATION WEIGHT	80,000 LB GROSS COMBINATION WEIGHT
O 260002	OPERATING CONDITIONS	NORMAL HIGHWAY, STARTING GRADES<12%
O 938002	CUSTOMER FLEET SIZE	REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND

## PASSIVE AND ACTIVE SAFETY

S 2CXD3X	CAB TYPE	HIGH-STRENGTH STEEL (HSS) DAY CAB WITH B -PILLAR MOUNTED EXHAUST
O 5RXA1X	BACKUP ALARM	ELECTRIC BACKUP ALARM

## ENGINE

S 1017V0	ENGINE PACKAGE	VOLVO D11 325HP 2100RPM 1250 LBFT - EPA'17 EMISSION LEVEL
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## ENGINE EQUIPMENT

O 810114	BATTERY PACKAGE	3 VOLVO 1000 CCA MAINTENANCE FREE 12V BATTERIES, 3000 CCA
O NQXB2X	BATTERY BOX CONFIGURATION	BATTERY BOX - NARROW STACKED 3 CAPACITY
O L5XB1X	BATTERY BOX COVER	BRIGHT DIAMOND PLATE BATTERY BOX COVER
O MOXAAX	BATTERY ISOLATION	RUBBER ISOLATION PAD UNDER BATTERIES
O 428004	DIESEL EXHAUST FLUID TANK	8.7 GALLON LH 26", FUEL TANK MOUNTED - VHD ONLY (79 LBS OF DEF WHEN FILLED TO MAX. LEVEL) INCLUDED IN BASE MODEL WEIGHT
O 5NXAVX	ENGINE BLOCK HEATER	PHILLIPS 120V 1000W LEFT HAND RECEPTACLE BLOCK HEATER
O EFXASX	ENGINE OIL PAN HEATER	120 VOLT, 150 WATT OIL PAN HEATER

## TRANSMISSION

O 270769	TRANSMISSION PACKAGE	ALLISON 4500 RDS SERIES 6 SPEED WITH PTO PROVISION - SCAAN REQUIRED BEFORE ORDERING
O RSXWBX	ALLISON TRANSMISSION ELECTRONICS	RUGGED DUTY AND HIGHWAY BASE PACKAGE WITH PBAN (4000 SERIES ONLY)



A 258037	<b>TRANSMISSION VOCATION CODE</b>	STRAIGHT TRUCK ON-HIGHWAY/NO PLOW
O 7RXB1X	<b>TRANSMISSION LUBRICANT</b>	SYNTHETIC TRANSMISSION LUBRICANT
O T2XD1X	<b>TRANSMISSION COOLER</b>	WATER TO OIL COOLER, ALLISON TRANS

## PROGRAMMABLE FEATURES

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O Y3CD0X	<b>PEDAL ROAD SPEED LIMIT SETTING (P1I16)</b>	PEDAL ROAD SPEED LIMIT, 68 MPH (110 KM/H)
O JCXF1X	<b>ROAD SPEED LIMIT SETTING (P1AOC)</b>	ROAD SPEED LIMIT, 68 MPH (110 KM/H)
O W5BL1X	<b>MAXIMUM ENGINE SPEED AT 0 MPH (P1ANA)</b>	2100 MAXIMUM ENGINE RPM AT 0 MPH

## FRONT AXLE

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O 370407	<b>FRONT AXLE PACKAGE</b>	VOLVO VF20 20,800 LB FRONT SPRINGS
O 782005	<b>FRONT BRAKE PACKAGE</b>	FRONT BRAKE MERITOR, Q+ CAST, STANDARD LUBE
O U5XB1X	<b>FRONT BRAKE DIMENSION</b>	16.5X6 FRONT BRAKE SIZE
O LQXABX	<b>FRONT BRAKE LINING MATERIAL</b>	BRAKE LINING MATERIAL FRONT, MERITOR / R403
O 0KXG1X	<b>HUBS, FRONT AXLE</b>	IRON UNITIZED FRONT AXLE HUBS
O ZGXC1X	<b>FRONT OIL SEAL CAP</b>	UNITIZED FRONT AXLE OIL SEAL CAP
O 7VXC1X	<b>FRONT AXLE LUBRICANT</b>	PETROLEUM / SYNTHETIC (50 / 50) FRONT AXLE LUBRICANT
O XEXA1X	<b>POWER STEERING ASSIST</b>	RIGHT HAND RAM ASSIST
O 371072	<b>FRONT SUSPENSION PACKAGE</b>	MULTILEAF FRONT SUSPENSION

## REAR AXLE

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O 330444	<b>REAR AXLE PACKAGE</b>	MERITOR RT46-160 46,000 LB CAPACITY
O TAXE8X	<b>REAR AXLE RATIO</b>	3.58 REAR AXLE RATIO
O 350380	<b>REAR SUSPENSION PACKAGE</b>	46,000 LB VOLVO T-RIDE (3-LEAF) 54" SPACING
O 783006	<b>REAR BRAKE PACKAGE</b>	REAR BRAKES MERITOR Q+, CAST, STANDARD LUBE
O MAXBEX	<b>DRIVE AXLE BRAKE LINING MATERIAL</b>	BRAKE LINING MATERIAL DRIVE, MERITOR / R301

## CHASSIS

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O 3XBBAX	<b>DRIVER SIDE FRONT CHASSIS CONFIGURATION</b>	LEFT HAND BATTERY BOX - COMPACT 3 CAPACITY, DEF TANK MOUNTED TO LEFT HAND FUEL TANK (VHDB)
O 400259	<b>WHEELBASE</b>	259" WHEELBASE





O 402059	<b>OVERHANG</b>	59" OVERHANG
O KBXB2X	<b>FUEL TANK SHAPE - DIESEL</b>	26" DIA D-SHAPED FUEL TANK
O J8XEWX	<b>FUEL TANK, LEFT HAND SIDE - DIESEL</b>	100 GALLON LEFT HAND FUEL TANK
O U6BZ1X	<b>DIESEL EXHAUST FLUID TANK COVER</b>	NO DIESEL EXHAUST FLUID TANK COVER PROVIDED
O 403006	<b>FRAME RAIL PACKAGE</b>	11.81"X3.54"X.38" STRAIGHT STEEL RAILS
O Z9XB1X	<b>FRAME LINER</b>	5MM FULL FRAME LINER
O X4XAHX	<b>FRONT FRAME EXTENSION</b>	8" FRONT FRAME EXTENSION
O MCXAKX	<b>CHASSIS PACKAGE</b>	CHASSIS PACKAGING CONFIGURATION 0009, AIR TANKS IN RAIL WHERE POSSIBLE
O 4DXD1X	<b>FRONT BUMPER</b>	HEAVY DUTY STEEL BUMPER-ONE PIECE
O 4EXZ1X	<b>FRONT TOWING DEVICE</b>	NO FRONT TOWING DEVICE PROVIDED
O U7CFBX	<b>LH FUEL TANK FACE LOCATION</b>	LH FUEL TANK FRONT FACE @ XM=3922

## TRANSPORT ADAPTATION

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O WHXC1X	<b>TRAILER BRAKE CONNECTION POSITION</b>	TRAILER CONNECTIONS MTD END OF FRAME
O L2XA1X	<b>ELECTRICAL RECEPTACLE END OF FRAME</b>	ELECTRICAL RECEPTACLE END OF FRAME
O WLXA1X	<b>TRAILER BRAKE HAND CONTROL</b>	FULL PRESSURE TRAILER BRAKE HAND CONTROL

## CAB EXTERIOR

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O 2DX30X	<b>CAB SUSPENSION</b>	AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS
O 28XC1X	<b>FRONT GRILLE</b>	STATIONARY FRONT GRILLE
O 3GXC1X	<b>EXTERIOR MIRROR FEATURES</b>	HEATED, POWER AXIS MIRROR, BOTH SIDES

## CAB INTERIOR

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O 32XG8X	<b>PASSENGER SEAT TYPE</b>	COMFORT AIR SUSPENSION HIGH BACK
O 571016	<b>GAUGE PACKAGE</b>	EIGHT GAUGE INSTRUMENT CLUSTER WITH PREMIUM DRIVER INFORMATION DISPLAY (DID)

## LIGHTING

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O NJXZ1X	<b>AUXILIARY LAMPS</b>	NO AUXILIARY LAMPS PROVIDED
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## TIRES AND WHEELS FRONT

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O 093736	<b>TIRE PACKAGE FRONT</b>	11R22.5G BRIDGESTONE R268 (12350 LBS. GAWR) REGIONAL HAUL
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O 4WCE1X	<b>TIRE CLASSIFICATION FRONT</b>	GHG FRONT TIRE CLASSIFICATION, BASIC
O 084486	<b>RIM/WHEEL PACKAGE FRONT</b>	22.5X8.25 MAXION STEEL POWDER COAT WHITE 286BC 2 HAND HOLES HUB PILOTED

## **TIRES AND WHEELS REAR**

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O 094810	<b>TIRE PACKAGE REAR</b>	11R22.5G BRIDGESTONE M726 EL A (21660 LBS. GAWR) LONG / REGIONAL HAUL
O 4XCG1X	<b>TIRE CLASSIFICATION REAR</b>	GHG REAR TIRE CLASSIFICATION, OTHER (NON -SPECIFIED)
O 085486	<b>RIM/WHEEL PACKAGE REAR</b>	22.5X8.25 MAXION STEEL POWDER COAT WHITE 286BC 2 HAND HOLES HUB PILOTED

## **BASE WARRANTY AND PURCHASED COVERAGES**

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O 899650	<b>WARRANTY TYPE</b>	CHASSIS PLAN 2 24/200K MI, HEAVY DUTY VHD US PROTECTION PLAN
O 888020	<b>ADDITIONAL EXTENDED CHASSIS TOWING COVERAGE</b>	CHASSIS TOWING PURCHASED COVERAGE, 24 MO/200K MILE/322K KILOMETER



# Vehicle Spec

BASE MODEL		Description	Front Weight	Rear Weight	Price
004258	BASE MODEL	VNM42200			

## VEHICLE ADAPTATION

O 260005	OPERATING CONDITIONS	CITY, STARTING GRADES<12%
O 938002	CUSTOMER FLEET SIZE	REGIONAL FLEET 25 OR MORE VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND

## PASSIVE AND ACTIVE SAFETY

S 2CXD1X	CAB TYPE	HIGH-STRENGTH STEEL (HSS) DAY CAB
O 5RXA1X	BACKUP ALARM	ELECTRIC BACKUP ALARM

## ENGINE

S 1017V0	ENGINE PACKAGE	VOLVO D11 325HP 2100RPM 1250 LBFT - EPA'17 EMISSION LEVEL
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## ENGINE EQUIPMENT

O 810114	BATTERY PACKAGE	3 VOLVO 1000 CCA MAINTENANCE FREE 12V BATTERIES, 3000 CCA
O NQXB1X	BATTERY BOX CONFIGURATION	BATTERY BOX - 3 CAPACITY
O 230048	EXHAUST SYSTEM	INTEGRATED DPF & SCR MTD RHS UNDER CAB W/SGL HORZ TAILPIPE
O 232093	EXHAUST OUTLET PACKAGE	HORIZONTAL ALUMINIZED STAINLESS STEEL TAIL PIPE
O 5NXAVX	ENGINE BLOCK HEATER	PHILLIPS 120V 1000W LEFT HAND RECEPTACLE BLOCK HEATER
O EFXASX	ENGINE OIL PAN HEATER	120 VOLT, 150 WATT OIL PAN HEATER

## TRANSMISSION

O 270764	TRANSMISSION PACKAGE	ALLISON 4000 HS SERIES 6 SPEED WITHOUT PTO PROVISION - SCAAN REQUIRED BEFORE ORDERING
O RSXWBX	ALLISON TRANSMISSION ELECTRONICS	RUGGED DUTY AND HIGHWAY BASE PACKAGE WITH PBAN (4000 SERIES ONLY)
A 258037	TRANSMISSION VOCATION CODE	STRAIGHT TRUCK ON-HIGHWAY/NO PLOW
O T2XD1X	TRANSMISSION COOLER	WATER TO OIL COOLER, ALLISON TRANS
O T0XA1X	TRANSMISSION OIL LEVEL SENSOR	ELECTRONIC TRANS OIL LEVEL SENSOR



O THXC2X	<b>DRIVELINE MANUFACTURER</b>	SPICER LIFE DRIVELINE WITH GREASEABLE XL U-JOINTS
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## PROGRAMMABLE FEATURES

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O W5BL1X	<b>MAXIMUM ENGINE SPEED AT 0 MPH (P1ANA)</b>	2100 MAXIMUM ENGINE RPM AT 0 MPH
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## FRONT AXLE

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S 370400	<b>FRONT AXLE PACKAGE</b>	VOLVO VF12 12,000 LB FRONT SPRINGS
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## REAR AXLE

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O 330274	<b>REAR AXLE PACKAGE</b>	MERITOR RS21-160 21,000 LB CAPACITY
O TAXE8X	<b>REAR AXLE RATIO</b>	3.58 REAR AXLE RATIO

## CHASSIS

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O 3XBEAX	<b>DRIVER SIDE FRONT CHASSIS CONFIGURATION</b>	LEFT HAND BATTERY BOX - 3 CAPACITY, DEF TANK MOUNTED BEHIND BATTERY BOX (VN)
O 400165	<b>WHEELBASE</b>	165" WHEELBASE
O U7CFGX	<b>LH FUEL TANK FACE LOCATION</b>	LH FUEL TANK FRONT FACE @ XM=4575

## CAB EXTERIOR

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O 2DX30X	<b>CAB SUSPENSION</b>	AIR RIDE CAB SUSPENSION WITH LATERAL DAMPENERS
O 3GXC1X	<b>EXTERIOR MIRROR FEATURES</b>	HEATED, POWER AXIS MIRROR, BOTH SIDES

## CAB INTERIOR

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O 32XG8X	<b>PASSENGER SEAT TYPE</b>	COMFORT AIR SUSPENSION HIGH BACK
O 543002	<b>PASSENGER SEAT UPHOLSTERY</b>	PASSENGER SEAT ESPRESSO BROWN VINYL
O OXXA1X	<b>SAFETY BELT PASSENGER SEAT</b>	SAFETY BELT PASSENGER SEAT, BLACK
O 571016	<b>GAUGE PACKAGE</b>	EIGHT GAUGE INSTRUMENT CLUSTER WITH PREMIUM DRIVER INFORMATION DISPLAY (DID)

## TIRES AND WHEELS FRONT

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O 093736	<b>TIRE PACKAGE FRONT</b>	11R22.5G BRIDGESTONE R268 (12350 LBS. GAWR) REGIONAL HAUL
O 4WCE1X	<b>TIRE CLASSIFICATION FRONT</b>	GHG FRONT TIRE CLASSIFICATION, BASIC
O 084486	<b>RIM/WHEEL PACKAGE FRONT</b>	22.5X8.25 MAXION STEEL POWDER COAT WHITE 286BC 2 HAND HOLES HUB PILOTED



## **TIRES AND WHEELS REAR**

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O 094810	<b>TIRE PACKAGE REAR</b>	11R22.5G BRIDGESTONE M726 EL A (21660 LBS. GAWR) LONG / REGIONAL HAUL
O 4XCG1X	<b>TIRE CLASSIFICATION REAR</b>	GHG REAR TIRE CLASSIFICATION, OTHER (NON -SPECIFIED)
O 085486	<b>RIM/WHEEL PACKAGE REAR</b>	22.5X8.25 MAXION STEEL POWDER COAT WHITE 286BC 2 HAND HOLES HUB PILOTED

## **BASE WARRANTY AND PURCHASED COVERAGES**

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O 899524	<b>WARRANTY TYPE</b>	CHASSIS PLAN 2 24/200K MI, NORMAL DUTY VN 200, 300, & 430 US PROTECTION PLAN
O 888020	<b>ADDITIONAL EXTENDED CHASSIS TOWING COVERAGE</b>	CHASSIS TOWING PURCHASED COVERAGE, 24 MO/200K MILE/322K KILOMETER