

# MRU613

GSO:092417  
Model Year:2016

# Chassis Specifications

Chassis:014966

## ORDER/CUSTOMER/VEHICLE INFORMATION

<i>VEHICLE REGISTRATION</i>	ALL 50 STATES
<i>COMMERCIAL/MUNICIPAL</i>	COMMERCIAL SERVICE
<i>VEHICLE APPLICATION</i>	HEAVY VOCATIONAL
<i>MAX CARRIER RATING</i>	90000 LB (40800 KG) GCW/GVW
<i>VEHICLE TYPE</i>	TRUCK
<i>BODY TYPE/ON HWY APLN</i>	SELECT AN APPLICATION
<i>INNER CITY/FREQUENT TURN</i>	SELECT AN APPLICATION
<i>BODY TYPE/ON-OFF HWY APLN</i>	REFUSE - FRONT LOADER
<i>FILE STATUS</i>	STOCK ORDER

## BVS/FRT AXLE POS/SALES PACKAGES

<i>BASE VEHICLE SPEC</i>	MRU603 R MACKTRAQ 2016A
<i>FRAME SECTION</i>	STEEL-5/16" X 13 1/4" X 3 1/4"
<i>WHEELBASE</i>	210"
<i>PLATFORM</i>	297"
<i>FRAME REINF-INSIDE</i>	STEEL 1/4"

## ENGINE/TRANSMISSION/CLUTCH

<i>ENGINE</i>	MP7-325M MACK
<i>TRANSMISSION</i>	4500 RDS 6 SPD ALLISON GEN 5

## ENGINE EQUIPMENT

<i>AIR COMPRESSOR</i>	MERITOR/WABCO 636 (37.4 CFM)
<i>AIR CLEANER</i>	13" SINGLE ELEMENT FACTORY OPT
<i>AIR INTAKE INLINE CLEANER</i>	PRE-CLEANER (DRY TYPE CLEANER)
<i>ALTERNATOR</i>	12V130A DELCO 24SI (130 AMP)
<i>BATTERIES</i>	3-12V MACK M/F 31
<i>COOLANT PROTECTION</i>	TO -34 DEG F
<i>COOLANT CONDITIONR FILTER</i>	FURN. MACK COOLANT CONDITIONER
<i>COOLING PERFORMANCE</i>	EXTRA NARROW RADIATOR WITH
<i>DPF /SCR ORIENTATION</i>	CLEARTECH VV DPF
<i>EXHAUST AFTER-TREAT. SYS</i>	AFTER TREATMENT SYSTEM
<i>DPF REGENERATION CONTROL</i>	AUTO IN MOTION, MANUAL
<i>ENGINE BRAKE</i>	MACK ENGINE BRAKE
<i>ENGINE HEATER</i>	120V 1500 WATT ENGINE BLOCK
<i>EXHAUST</i>	NO MUFFLER, SINGLE (R/S) VERT
<i>FAN DRIVE</i>	BEHR FAN & ELECTRONIC
<i>FLYWHEEL HOUSING</i>	ALUMINUM (LIGHTWEIGHT)
<i>FUEL WATER SEPARATOR</i>	MACK INTEGRAL INCLUDES MANUAL
<i>RADIATOR &amp; HEATER HOSES</i>	SILICONE
<i>ENGINE COLD STARTING AID</i>	ELECTRIC PREHEATER
<i>STARTING SYSTEM</i>	12 VOLT DELCO MTHD 39
<i>TETHER DEVICE (RETAINER)</i>	FURNISH FOR RADIATOR,OIL,

## TRANSMISSION EQUIPMENT/DRIVELINES

<i>CLUTCH PEDAL</i>	WITHOUT CLUTCH PEDAL
<i>ELEC.TRANS.OIL LVL SENSOR</i>	FURNISH FOR ALLISON WORLD
<i>TRANSMISSION BELL HOUSING</i>	ALUMINUM
<i>OIL COOLER</i>	FURNISH FOR ALLISON TRANS.
<i>LUBE-TRANSMISSION</i>	ALLISON SYNTHETIC FLUID
<i>ELEC TRANS PACKAGE</i>	ALLISON VOCATIONAL PKG#142
<i>MAIN DRIVESHAFT</i>	DANA/SPICER 1760
<i>INTERAXLE DRIVESHAFT</i>	DANA/SPICER 1710 HD

## CAB (A THRU G)

<i>AIR CONDITIONER/HEATER</i>	MACK INTEGRAL
<i>AIR RESTRICTION MONITOR</i>	AIR INTAKE MOUNTED
<i>ANTI-SCUFF</i>	DRIVERS SIDE
<i>CAB MODEL</i>	CA531
<i>CAB TILT MECHANISM</i>	CAB TILT PUMP MTD ON
<i>CAB ACCESS STEPS</i>	FURNISH MULTI-PCS BOLTED STEP
<i>CERTIFIED CHASSIS WEIGHT</i>	CUSTOMER GUARANTEED WEIGHT,
<i>CAB DOOR OPTIONS</i>	"MR" LH & RH ROLL-UP WINDOWS
<i>KEY SHUTOFF</i>	CONTROLLED BY KEY SWITCH
<i>FRONT FENDERS</i>	NON-METALLIC FENDER FOR
<i>GAUGE-ELECTRICAL SYSTEM</i>	VOLTMETER
<i>GAUGE-FUEL LEVEL</i>	ELECTRONIC SENDING UNIT MTD ON

<i>GAUGES-UNIT OF MEASURE</i>	U.S. UNITS (PREDOMINANT)
<i>GAUGE-SPEEDOMETER/ODO.</i>	ELECTRONIC W/ ODOMETER & TRIP
<i>GAUGE-TRANS.OIL TEMP.</i>	TRANSMISSION GAUGE AND TRANS.
<i>GLASS</i>	TINTED WINDSHIELD,SIDE WINDOWS
<i>GRAB HANDLES</i>	FURNISH ADD'L. GRAB HANDLE ON
<b>CAB (H THRU R)</b>	
<i>AIR HORN</i>	TWIN-U/CAB TRUMPET
<i>ELECTRIC HORN</i>	DUAL TONE (2 HORNS)
<i>MARKER &amp; CLEARANCE LAMPS</i>	STANDARD TYPE
<i>DOOR &amp; IGNITION KEYS</i>	CHASSIS KEYED AT RANDOM-2 KEYS
<i>WEST COAST MIRRORS</i>	BULLDOG-HEATED BR FIN
<i>CONVEX MIRROR</i>	BRIGHT FINISH (LH&RH) 8.0"DIA.
<i>VISIBILITY MIRROR</i>	RECT CONVEX ABOVE RH DOOR
<i>FRONT MUD FLAPS</i>	FENDER MOUNTED 24"
<i>RADIO</i>	RADIO AM/FM, CD, MP3, WEATHER
<i>RADIO ANTENNA</i>	CH STYLE ANTENNA,COWL MTD LH
<i>POWER LEADS</i>	FURNISH IN OVERHEAD CONSOLE
<i>REAR WINDOW</i>	FIXED
<b>CAB (S THRU Z)</b>	
<i>DRIVER'S SEAT</i>	AIR-SEARS SEATING C-2 MID BACK
<i>RIDER'S SEAT</i>	FIXED-SEARS SEATING C2
<i>SEAT COVERING</i>	FABRIFORM CLOTH
<i>SEAT BELT(S)</i>	LAP & SHOULDER (BOTH SEATS)
<i>SEAT BELT RETRACTOR(S)</i>	DRIVER'S & RIDER'S SEAT
<i>STARTER SWITCH</i>	KEY TYPE
<i>STEERING COLUMN</i>	FIXED
<i>STEERING WHEEL</i>	2 SPOKE URETHANE GRIP
<i>HEADER CONSOLE</i>	FORWARD OVERHEAD STG, 2 RADIO
<i>INTERIOR SUN VISOR</i>	BOTH SIDES
<i>TURN SIGNALS</i>	MANUAL CANCELLING TURN SIGNALS
<i>WINDSHIELD PROTECTOR</i>	FURNISH FOR REFUSE SERVICE
<i>WINDSHIELD WIPERS</i>	TWO SPEED ELECTRIC MOTOR
<b>SLEEPER BOX</b>	
<b>COMMUNICATION SYSTEM</b>	
<b>FRAME EQUIPMENT/FUEL TANKS</b>	
<i>FRONT BUMPER</i>	EXTENDED-SWEPT BACK-STEEL
<i>CROSSMEMBERS</i>	STL-1/2"PL BOLD BOC & INTRMDT
<i>XMBRS BEHIND REAR AXLE</i>	STEEL SINGLE CHANNEL TYPE
<i>FRONT MUD FLAPS</i>	FENDER MOUNTED 24"
<i>FRONT FRAME EXTENSION</i>	FOR REFUSE SERVICE 10"
<i>SKID PLATE</i>	LIGHTWEIGHT PLATE UNDER BUMPER
<i>FRONT TOW DEVICE</i>	PIN
<i>FUEL TANK(S)RH.</i>	80 GAL.ALUM (300 LITERS)
<i>FUEL LINES</i>	AEROQUIP FIRE RESISTANT HOSE
<i>FILLER NECK SCREENS</i>	FOR R.H. FUEL TANK(S)
<i>RELOCATE FUEL TANK(S)</i>	RELOCATE R.H. TANK AS FAR
<b>FRONT AXLE/EQUIPMENT/TIRES</b>	
<i>FRONT AXLE</i>	FXL20 MACK 20000LB (9100KG)
<i>FRONT AXLE TIRES</i>	315/80R22.5 L BRIDGESTONE M860A
<i>FRONT RIM/WHEEL</i>	22.5 X 9.00 STEEL DISC 11.25BC
<i>FRONT WHEEL TYPE</i>	STEEL DISC
<i>FRONT HUB MATERIAL</i>	FERROUS
<i>FRONT AXLE BRAKES</i>	MERITOR "S" CAM 16.5"X6"
<i>FRONT BRAKE DRUMS/ROTORS</i>	DISC WHEEL-OUTBOARD CAST DRUM
<i>FRONT BRAKE LINING</i>	MERITOR R403 BRAKE LINING.
<i>FRONT WHEEL SEALS</i>	FAG SCHAEFFLER, FRONT
<i>FRONT SHOCK ABSORBERS</i>	DOUBLE ACTING TYPE
<i>FRONT SLACK ADJUSTER</i>	HALDEX AUTOMATIC
<i>FRONT SUSPENSION</i>	20,000 LB TAPERLEAF
<i>STATIC LOAD CUSHIONS</i>	FOR FRONT SUSPENSION
<i>STEERING</i>	XD120 SHEPPARD-POWER
<b>REAR AXLE/EQUIPMENT/TIRES/RATIOS</b>	
<i>TANDEM REAR AXLE</i>	S462 46000LB-MACK

<i>TANDEM REAR SUSPENSION</i>	SS462 -MACK MULTILEAF
<i>REAR AXLE TIRES</i>	11R22.5 G BRIDGESTONE M770 (DRIVE ONLY)
<i>REAR AXLE CARRIER</i>	CRDP150/151
<i>CARRIER HOUSING MATERIAL</i>	MALLEABLE
<i>REAR AXLE CARRIER RATIO</i>	4.80
<i>REAR RIM/WHEEL</i>	22.5 X 8.25 STEEL DISC 11.25BC
<i>REAR WHEEL TYPE</i>	STEEL DISC
<i>REAR AXLE HUB MATERIAL</i>	FERROUS
<i>REAR AXLE BRAKES</i>	MERITOR-CAM 16.5"X8.0" Q-PLUS
<i>REAR BRAKE DRUMS/ROTORS</i>	DISC WHEEL OUTBOARD CAST DRUMS
<i>REAR BRAKE LINING</i>	ABEX 931-162 (MERITOR R301)
<i>REAR AXLE WHEEL SEALS</i>	STEMCO VOYAGER
<i>POWER DIVIDER LOCKOUT</i>	IN CAB MANUAL AIR VALVE
<i>REAR BRAKE CHAMBER POSITN</i>	HIGH MOUNT BRAKE CHAMBERS
<i>REAR SHOCK INSULATORS</i>	URETHANE
<i>REAR SLACK ADJUSTER</i>	HALDEX AUTOMATIC
<i>REAR AXLE SPACING</i>	50"
<i>ANTI-SWAY SPRINGS</i>	FURNISH W/ TANDEM REAR AXLE
<i>AUX SPRING BRAKE QTY</i>	4 CHAMBERS
<i>REAR BRAKE CHAMBER VENDOR</i>	HALDEX "GOLD SEAL" TYPE BRAKE
<i>REAR BRAKE CHAMBER SIZE</i>	30/30 TYPE
<i>TRANSVERSE TORQUE ROD</i>	REAR-REAR AXLE ONLY
<i>TRUNNION BUSHING</i>	BRONZE
<b>FRAME/WHEELBASE/PLATFORM</b>	
<i>FRAME SECTION</i>	STEEL-5/16" X 13 1/4" X 3 1/4"
<i>WHEELBASE</i>	210"
<i>PLATFORM</i>	297"
<i>FRAME REINF-INSIDE</i>	STEEL 1/4"
<b>AIR BRAKE SYSTEM/TRAILER CONNECTIONS</b>	
<i>AIR SYSTEM VALVE/VENDOR</i>	BENDIX VALVES
<i>AIR DRYER</i>	WABCO AIR DR,1800UP W/O TURBO
<i>AIR RESERVOIR</i>	STEEL
<i>ANTI-LOCK BRAKE SYSTEM</i>	BENDIX KB(EATON/ BOSCH) ABS
<i>PARKING BRAKE CONTROL</i>	SINGLE VALVE SYSTEM
<i>HAND CONTROL VALVE</i>	REAR SVC
<b>ELECTRICAL</b>	
<i>BATTERY BOX COVER</i>	MOLDED PLASTIC
<i>BATTERY BOX &amp; MTG</i>	SINGLE BOX 3 BATT MAX
<i>BATTERY DISCONNECT SWITCH</i>	FLAMING RIVER BIG SWITCH
<i>POWER INDICATOR LIGHT</i>	WIRED THRU OUTER MARKER LIGHTS
<i>AUXILIARY CIRCUIT WIRING</i>	FURN CONT HOT/FUSED CLEAN
<i>DAYTIME RUNNING LIGHTS</i>	WITH DAYTIME RUNNING LIGHTS
<i>CIRCUIT PROTECTION PACKAGE</i>	ALL CIRCUITS PROTECTED BY
<i>ELECTRICAL CONNECTIONS</i>	WATER PROOFING SPRAY ON ALL
<i>BODY BUILDER INTERFACE</i>	CONTROL LINK II
<i>HEADLAMPS</i>	HALOGEN-SINGLE ROUND
<b>PAINT/VINYL STRIPING</b>	
<i>PAINT/VINYL DESIGN</i>	SINGLE COLOR W/OUT DESIGN
<i>PAINT:COLOR-AREA A</i>	MACK WHITE
<i>UNCHARTED/CHARTED COLORS</i>	NO ADDITIONAL CHARGE
<i>CAB/HOOD PAINT SYSTEM</i>	POLY BASE - POLY CLEAR
<i>PAINT:CHASSIS RUNING GEAR</i>	MACK BLACK
<i>PREFINISHED FRT WHLS/RIMS</i>	PREFINISHED POWDER COAT WHITE
<i>PREFINISHED RR WHLS/RIMS</i>	PREFINISHED POWDER COAT WHITE
<b>PTO/SPECIALTY/ADDITIONAL EQUIPMENT</b>	
<i>CRANKSHAFT ADAPTER</i>	FRONT END PTO-1350 SER FLANGE
<i>HYDRAULIC PUMP</i>	FURNISH PUMP MTG PROVISIONS -
<i>TRANS TORQUE CONVERTER</i>	FURNISH TC541 FOR USE WITH
<b>DEALER INFORMATION</b>	
<i>PEDIGREED PROTECTION PLAN</i>	COVERAGE FURNISHED
<i>SALES PROMOTION</i>	2015 MACK DEALER INVENTORY
<b>PERFORMANCE/GRAPHICS/TECH DATA</b>	
<i>SHUTDOWN-ENG.OIL PRESSURE</i>	FURN ENG OIL PRESSURE SHUTDOWN

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GSO:092417  
Model Year:2016

# Chassis Specifications

Chassis:014966

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<i>SHUTDOWN-ENG.COOLANT TEMP</i>	FURN ENG COOLANT TEMP SHUTDOWN
<i>ENG /OIL TEMP SHUTDOWN</i>	ENABLED
<i>GOVERNOR TYPE</i>	MIN-MAX/AUTOMOTIVE GOVERNOR
<i>IDLE S/D OVERRIDE W/PTO</i>	FURNISH IDLE SHUTDOWN OVERRIDE
<i>IDLE S/D IF POWER&gt;THRSHLD</i>	ENABLE IDLE SHUTDOWN REGARD-
<i>DATAMAX MAINT MONITOR</i>	ENABLED
<i>OEM DEFAULT MAINT.INTER.</i>	MP VOCATIONAL
<i>CRUISE CONTROL</i>	VMAC CRUISE CONTROL

**BULLDOG PROTECTION PLANS**

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**EXTRAS:**

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**IMPORTANT: All specifications are subject to change. Dollars are US dollars.**



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P.O. Box 336 · Scranton, IA 51462 · P 712 652 3396 · F 712 652 3399

**Sales Order**

**This is Not an Invoice**  
\*\*Line Item Amounts and Charges  
Subject to Change\*\*

Order Number: **14272F**

Order Date: 2/22/2016  
Salesperson: Scott Rupiper

Entered by: meg

**Sold To:**

Vanguard Truck Center- St. Ls  
2350 Chouteau  
Saint Louis, MO 63103

**Ship To:**

Vanguard Truck Center- St. Ls  
2350 Chouteau  
Saint Louis, MO 63103

**Work Order Info:**

WO/SN# 14272F  
ATTN: MARK  
STOCK

<u>Customer Number</u>	<u>Customer P.O.</u>	<u>Ship VIA</u>	<u>Terms</u>
0220500	MR110515-1	DRIVEOUT	2% Ten Days, Net 30 Days

Item No	Description	Ordered	Amount	Sale %	Extended Amount
8091	FRONTLOADER, 40 MAMMOTH STD	1.00	85,267.35		85,267.35
108746	OPT,FORK,1.5 IN,T1,HOOK,44 USABLE	1.00	0.00		0.00
121518	OPT, 108.5 ARM FL	1.00	0.00		0.00
128817	WLDT,LIGHTBAR,4X4 RND,UPR TG,FL, 7/2015	1.00	0.00		0.00
106240	OPT. SERVICE HOIST, FL	1.00	2,841.30		2,841.30
119397	OPT,BROOM & SHOVEL, STD	1.00	191.10		191.10
104191	OPTN PAINT WHITE P9188EX	1.00	0.00		0.00
114995	OPT,LIGHT,MIDBODY BACKUP, ALL	1.00	344.40		344.40
118750	OPT,WORKLIGHT,2 HPR,1 CANOPY,FL	1.00	344.40		344.40
129106	OPT,INTEGRATED STROBE,CAN BUS,RND LIGHT — UPPER TAILGATE	1.00	558.60		558.60
129106	OPT,INTEGRATED STROBE,CAN BUS,RND LIGHT — LOWER TAILGATE	1.00	474.60		474.60
127005	WARR,1YR HYD,1YR BODY,2YR CYL	1.00	0.00		0.00
*	SV 7" DUAL CAMERA SYSTEM — 1-TAILGATE 1- BULKHEAD FACING HOPPER	1.00	210.00		210.00
*	HIGH TEMP FLUID SWITCH	1.00	480.90		480.90
104217	OPT, PTO HOUR METER	1.00	260.40		260.40
124738	OPT,PRESSURE GAUGE,QUICK DISC	1.00	93.45		93.45
104253	OPT, TOOLBOX, 18X18X36	1.00	597.45		597.45

Continued



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0220500	MR110515-1	DRIVEOUT	2% Ten Days, Net 30 Days

Item No	Description	Ordered	Amount	Sale %	Extended Amount
106214	QUAD CTRL, JOYSTICK, FL(STD)	1.00	0.00		0.00
110126	FIRE EXTINGUISHER, 10 LB	1.00	0.00		0.00
116227	KIT, TRIANGLE, SAFETY, ROADSIDE	1.00	0.00		0.00