# SERIES HEAVY DUTY

## RH613 4x2

## STANDARD EQUIPMENT

#### LIST PRICE: MODEL CODE: RH61A00

#### 01 FRAMES

- NOTE: APPLICATION AND COUNTRY RESTRICTION INFORMATION IS NOT SHOWN IN THE AVAILABLE EQUIPMENT SECTIONS. PLEASE REFER TO THE TOPS APPLICATION IN SALES TOOLS FOR THIS RESTRICTION INFORMATION.
- 01CBV FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0 mm); 367.4 " (9333 mm) Maximum OAL
- 01LRL BUMPER, FRONT 3-Piece, Aerodynamic, Plastic, Molded Dark Gray
- 01616 FRAME RAILS WITH TAPERED REAR
- 01WKM WHEELBASE RANGE 140" (355cm) Through and Including 156" (395cm)

## 02 AXLE, FRONT

02AUD - AXLE, FRONT NON-DRIVING {Hendrickson Steertek NXT} Wide Track, Fabricated Type, 12,350-lb Capacity

#### 03A SUSPENSION, FRONT

- 03AHN SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,350-lb Capacity, with Shock Absorbers
- SPRING PINS Rubber Bushings, Maintenance-Free

#### 04 BRAKES

- 04092 BRAKE SYSTEM, AIR Dual System for Tractor Applications
  - BRAKE LINES Color and Size Coded Nylon
  - BRAKE PRESSURE INDICATOR Low Air Pressure Warning Light and Audible Alarm
  - DRAIN VALVE Manually Operated (On Wet Tank
  - GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
  - GLAD HANDS (2) One for Service and One for Emergency; Trailer Hoses from Cab
  - \* HAND CONTROL VALVE, AIR with Self Return Handle, for Trailer Brakes, Mounted in Instrument Panel
  - \* HOSE TENDER Back of Cab Mounted
  - PARKING BRAKE CONTROL Yellow and Red Knobs, Located on Instrument Panel

## 04 BRAKES

- \* PARKING BRAKE VALVE Combination Valve for Tractor and Trailer
- QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for Forward Rear Axle
- \* TRACTOR PROTECTION VALVE 04AZS - AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control 04XDP - BRAKES, FRONT {Meritor
- 16.5X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity
- 04EXV BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn
- 04LAG SLACK ADJUSTERS, FRONT {Gunite} Automatic
- 04XDE BRAKES, REAR { Meritor 16.5X7 Q-PLUS LW} Air S-Cam Type, Fabricated Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 20,000-lb Capacity per Axle
- 04EXU BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake
  - BRAKE CHAMBERS, POSITION (2) Rear Parking; WITH TRUCK BRAKES: All 4x2, 4x4; WITH TRACTOR BRAKES: AII 4x2, 4x4; 6x4 & 6x6 with Rear Tandem Axles Less Than 46,000-lb. or GVWR Less Than 54,000-lb.
- 04LGG SLACK ADJUSTERS, REAR {Gunite} Automatic
- 04SPM AIR COMPRESSOR {Bendix BA-921 Head Unload 15.9 CFM
- 04EDM AIR DRYER {Bendix AD-HF} with Heater, Includes Pressure Protection Circuits, Safety Valve, Integral Purge Tank, Governor Pressure Settings 110 psi Cut-In/130 psi Cut-Out, Integrated PuraGuard Coalescing Filtration
- 04VHW AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Left Rail, Under Cab; Perpendicular to Rail

#### 05 STEERING

- 05PSM STEERING GEAR (Sheppard HD94} Power 05710 - STEERING COLUMN Tilting
- and Telescoping 05CAW - STEERING WHEEL 4-Spoke; 18" Dia., Black

#### (CONT.) 06 DRIVELINES

- END YOKES Half-Round, Easy Service (AII)
- \* SLIP JOINT SPLINES Nylon-Coated
- 06DGM DRIVELINE SYSTEM {Dana Spicer Service Free SPL250, for 4x2/6x2

#### **07 EXHAUST SYSTEM**

- 07BLV EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab
- 07SDK ENGINE COMPRESSION BRAKE by Jacobs; for N13/A26 Engines, with Selector Switch and On/Off Switch
- 07WDR TAIL PIPE (1) Horizontal, Short

08 ELECTRICAL

- 08000 ELECTRICAL SYSTEM 12-Volt, Standard Equipment
  - DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
  - HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
  - HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
  - HORN, ELECTRIC Single
  - PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
  - POWER SOURCE Cigar Type Receptacle with Cap, USB Port, Located in Instrument Panel
  - STARTER SWITCH Electric, Key Operated
  - TURN SIGNAL SWITCH Manual Cancelling with Lane Change Feature
  - TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted
  - WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
  - WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
  - WIRING, CHASSIS Color Coded and Continuously Numbered
- 08GXJ ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount

# **SERIES HEAVY DUTY**

## RH613 4x2

## STANDARD EQUIPMENT

# MODEL CODE: RH61A00

#### (CONT.) 08 ELECTRICAL 08XHL - BATTERY BOX Steel, 30" Wide, 2-4 Battery Capacity, Mounted Left Side Under Cab

08 ELECTRICAL

08MSG - BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud

08RJW - CB RADIO Omit Power Feeds, Power Source and Wiring

08XAH - CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

08TRG - COLLISION MITIGATION SYSTEM {Bendix Wingman Fusion Adaptive Cruise, Enhanced Collision Mitigation, Multilane Auto & Stat Vehicle Braking, Stat Obj Alert, Roadway Depart Alert & Braking, Lane Depart Warning Switch & Spkrs, Ovrspd Alert & Action, Frt Radar & Camera, Drvr Display, Safety Direct Capable, Less Safety Direct Cable

08XMB - CONNECTOR, DASH, CENTER PANEL Cab Wiring for TMC RP1226 Vehicle Accessory Connector; Includes 14-pin Connector with Switched Power, Battery Power, Ignition Power, Ground & Body 250K Datalink, Connector Located Behind Instrument Panel Center Console

08WXB - HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position

08XPA - HEADLIGHTS LED, with Daytime Running Lights, Automatic Twilight Controlled

08WRB - HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned

08XHN - HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

08RPU - RADIO

AM/FM/WB/SiriusXM/Clock/Bluet ooth/USB Input/Auxiliary Input

08RMV - SPEAKERS (2) 6.5 " Dual Cone Mounted in Doors

08WXG - STARTING MOTOR {Mitsubishi Electric Automotive America 105P}

12-Volt, with Soft-Start 08TPP - STOP, TURN, TAIL & B/U LIGHTS Multi-Function Lamp,

with LED Lights for Stop, Turn, Tail and Backup Lights, Includes LED License Plate Light

08XHX - SWITCH, MARKER INTERRUPT for Marker Lights and Headlights, Located in Steering Wheel

08WPZ - TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

#### 09 FRONT END

09WAY - FRONT END Tilting, Fiberglass, with Three Piece Construction

BUG SCREEN Front End; Mounted Behind Grille

HOOD TILT ASSIST Includes Torsion Bar Spring System 09HAD - GRILLE Chrome

09AAB - LOGOS EXTERIOR Model Badges

09AAE - LOGOS EXTERIOR, ENGINE Badges

## 10 PAINT & MISCELLANEOUS

10AEU - INTELLIGENT FLEET CARE Telematics Device with Over the Air Programming; Includes Five Year Data Plan, Advanced Preventive Maintenance, Fleet Health Monitor Reporting and International 360

10HZN - FIFTH WHEEL, AIR SLIDE {Fontaine SL6NWB675012} 12' Slide, 6.75" Above Top of Frame, Left Hand Release

10WPR - MUD FLAP HOLDER Spring Loaded, Painted Black, with Red and White Reflective Tape, Less Flaps

10060 - PAINT SCHEMATIC, PT-1 Single Color, Design 100 PAINT SCHEMATIC ID LETTERS "HW'

10761 - PAINT TYPE Base Coat/Clear Coat, 1-2 Tone 11 CLUTCH

11MHM - CLUTCH {Eaton Fuller 430MM} Maintenance Free, Self-Adjusting, 17" (430 mm) Dia Single Plate, Diaphragm Spring, Organic, 5-Spring Coaxial 254mm Damper with Pre-Damper, 2"-18 Tooth Spline, Pneumatic Push Type Control, 1850 lb-ft (2508 Nm) Torque Capacity

## (CONT.) 12 ENGINE

12BGA - ENGINE, DIESEL {International A26} EPA 2021, 410HP @ 1700 RPM, 1450 lb-ft Torque @ 900 RPM, 1800 RPM Governed Speed, 410 Peak HP (Max)

12XBC - RADIATOR Aluminum, Welded, Down Flow, Front to Back System, 1325 SqIn, with 806 SqIn Charge Air Cooler

12THJ - FAN DRIVE {Horton Drivemaster Automatic On/Off Type, with Normally Closed Temperature Control

12VBC - AIR CLEANER Single Element

GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted

12703 - ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

12XBE - CRUISE CONTROL Predictive, Includes GPS Enhanced Cruise Control: Includes Module, Antenna and Wiring

12WCX - HOSE CLAMPS, RADIATOR HOSES {Gates} Shrink Band Type

12WYZ - RADIATOR DRAIN & FILL FITTING SPECIAL; To Vacuum Out or Fill the Cooling System from the Bottom of Radiator, for Use with Quick-Connect Radiator Drain Tool or Shop Coolant Evacuation-Fill System

## 13 TRANSMISSION

13GYY - TRANSMISSION, MANUAL {Eaton Endurant EEO-14F112C} 12-Speed Fully Automated Manual, Aluminum Clutch Housing, Overdrive, Mechatronic Shift Controls, Pneumatic Clutch Actuation, Internal Lube Oil Pump, Hill Start Aid

13WLW - TRANSMISSION OIL {EmGard 40W} Synthetic; 1 thru 21.99 Pints

## 14A AXLE, REAR

14051 - AXLE, REAR, SINGLE {Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends RATIO: 2.50, 2.67, 2.80,  $2\,.\,9\,3\,,\quad 3\,.\,0\,7\,\,,\quad 3\,.\,2\,1\,\,,\quad 3\,.\,4\,2\,\,,$ 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.89, 5.38, 5.63, 6.14, 6.43, 6.83 OR 7.17

# **SERIES HEAVY DUTY**

## RH613 4x2

## STANDARD EQUIPMENT

MODEL CODE: RH61A00

14A AXLE, REAR (CONT.) 16 CAB 14TBJ - SUSPENSION, REAR, AIR, SINGLE {International IROS} 20,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers

14WMG - AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 30 thru 39.99 Pints

## 15 FUEL TANKS

- FUEL LINE FITTINGS O-Ring Snap-On Quick-Connect Voss Fittings at Both Ends; Anchored to frame for Fuel
- 15SYK FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 70 US Gal (265L), Mounted Left Side, Back of Cab/Under Sleeper
- 15WDM DEF TANK 10.6 US Gal (40L) Capacity, Frame Mounted Outside Left Rail, Back of Cab/Under Sleeper
- 15LPR FUEL/WATER SEPARATOR {Racor 6600} 12 VDC Electric Heater, Includes Pre-Heater, Fuel Heated with Fuel Blender Valve, with Sight Bowl, Includes Water-In-Fuel Sensor

## 16 CAB

- 16030 CAB Conventional, Day
  - CLEARANCE/MARKER LIGHTS (5) Flush Mounted
  - COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
  - CONSOLE, CENTER Includes Two Cup Holders and One Additional Storage Area
  - COURTESY LIGHT (2) Driver and Passenger Door Mounted
  - \* DOME LIGHT, CAB Rectangular, Door and Instrument Panel Mounted Switch Activated, Timed Theater Dimming, Center Mounted, Integral to Console
  - FLOOR COVERING Rubber. Black
  - GLASS, ALL WINDOWS Tinted
  - GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
  - GRAB HANDLE, CAB INTERIOR (4) "B" Pillar and Door Mounted, Two Each Side
  - INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
  - READING LIGHT, CAB Located in Overhead Console
  - STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door

INTERNATIONAL®

- (CONT.) **16 CAB** 16ZBS - ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Sleeper Cab 16BAM - AIR CONDITIONER with
- Integral Heater and Defroster
  - HOSE CLAMPS, HEATER HOSE {Mubea} Constant Tension Clamps
- 16VKB CAB INTERIOR TRIM Classic, for Day Cab
  - DOOR TRIM, INTERIOR Black
  - INSTRUMENT PANEL TRIM Black, Black Gauges with Black Bezels
  - SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
- 16GEG GAUGE CLUSTER Premium Level; English with English Electronic Speedometer
  - GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for Fuel/DEF, DPF Level
  - GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure
  - WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)
- 16HCS GAUGE, TEMPERATURE, AMBIENT Sensor Wiring with Display Unit Mounted in Cluster
- 16XJP INSTRUMENT PANEL Wing Panel
- 16SNS MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Black Heads and Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width NOTE: Mirror Dimensions are Rounded to the Nearest

0.5" - For U.S. Only System Gives Warning that Tire Pressure is Below Set Pressure, Monitors Tire Pressure of Each Tire with Temperature Compensation,

16VVM - MONITOR, TIRE PRESSURE

(CONT.)

- Data Displayed in the LCD of the Cluster, for 4x2, 6x4 and 6x2 Axle Configurations, Does Not Include Lift Axles
- or Spare Wheels 16KAM - SEAT, DRIVER (National 2000 Model 295} Air

Suspension, Intermediate

- Back, All Vinyl, 2 Arm Rests, Isolator, 7" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 3-14 Degree Back Angle Adjust
- 16REP SEAT, PASSENGER {National 2000} Non Suspension, Intermediate Back, All Vinyl, 11 Degree Back Angle
- 16WJU WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature

## 27/28 WHEELS & TIRES

- WHEEL SEALS, FRONT {International} Oil Lubricated, Includes Wheel Bearings
- WHEEL SEALS, REAR {International} Oil Lubricated, Includes Wheel Bearings
- 27DVN WHEELS, FRONT {Accuride 42644} DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- 28DVN WHEELS, REAR {Accuride 42644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- 770249 5443 (02) 295/75R22.5 14-PR LR-G SINGLE FRONT RADIAL TIRES (Continental Tire ECOPLUS HS3+}
- 770249 5443 (04) 295/75R22.5 14-PR LR-G DUAL REAR RADIAL TIRES (Continental Tire ECOPLUS HS3+}

#### 29 SPECIAL WHEELS

29CAG - WHEEL COVER, REAR Aerodynamic, 22.5", Black

## **40 WARRANTY**

40125 - WARRANTY Standard for LT/RH Series, Effective with Vehicles Built January 2, 2016 or Later, CTS-2010A

Refer To General Info for Metric Conversion Tables SERIES SECTION 740 - STANDARD EQUIPMENT PRICES EFFECTIVE 04/01/2022

# SERIES HEAVY DUTY

## RH613 6x4

## STANDARD EQUIPMENT

MODEL CODE: RH61F00 LIST PRICE: \$256,348.00

#### 01 FRAMES

- \* NOTE: APPLICATION AND COUNTRY RESTRICTION INFORMATION IS NOT SHOWN IN THE AVAILABLE EQUIPMENT SECTIONS. PLEASE REFER TO THE TOPS APPLICATION IN SALES TOOLS FOR THIS RESTRICTION INFORMATION.
- 01CBV FRAME RAILS Heat
  Treated Alloy Steel (120,000
  PSI Yield); 10.125" x 3.580"
  x 0.312" (257.2mm x 90.9mm x
  8.0mm); 367.4" (9333mm)
  Maximum OAL
- 01LRL BUMPER, FRONT 3-Piece, Aerodynamic, Plastic, Molded Dark Gray
- 01616 FRÁME RAILS WITH TAPERED REAR
- 01WKJ WHEELBASE RANGE 152" (385cm) Through and Including 185" (470cm)

## 02 AXLE, FRONT

02AUD - AXLE, FRONT NON-DRIVING {Hendrickson Steertek NXT} Wide Track, Fabricated Type, 12,350-lb Capacity

#### 03A SUSPENSION, FRONT

- 03AHN SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,350-lb Capacity, with Shock Absorbers
- \* SPRING PINS Rubber
  Bushings, Maintenance-Free

#### 04 BRAKES

- 04092 BRAKE SYSTEM, AIR Dual System for Tractor Applications
  - \* BRAKE LINES Color and Size Coded Nylon
  - \* BRAKE PRESSURE INDICATOR Low Air Pressure Warning Light and Audible Alarm
  - \* DRAIN VALVE Manually Operated (On Wet Tank
  - \* GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
  - \* GLAD HANDS (2) One for Service and One for Emergency; Trailer Hoses from Cab
  - \* HAND CONTROL VALVE, AIR with Self Return Handle, for Trailer Brakes, Mounted in Instrument Panel
  - \* HOSE TENDER Back of Cab Mounted
  - PARKING BRAKE CONTROL Yellow and Red Knobs, Located on Instrument Panel

## 04 BRAKES

- \* PARKING BRAKE VALVE Combination Valve for Tractor and Trailer
- \* QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for Forward Rear Axle
- \* TRACTOR PROTECTION VALVE
  04AZS AIR BRAKE ABS {Bendix
  AntiLock Brake System}
  4-Channel (4 Sensor/4
  Modulator) Electronic
  Stability Program, with
  Automatic Traction Control
- 04XDP BRAKES, FRONT {Meritor 16.5X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity
- 04EXV BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 Sqln 04LAG - SLACK ADJUSTERS, FRONT
- {Gunite} Automatic
  04XDE BRAKES, REAR {Meritor
  16.5X7 Q-PLUS LW} Air S-Cam
  Type, Fabricated Spider,
  Fabricated Shoe, Double
  Anchor Pin, Size 16.5" X 7",
  20,000-lb Capacity per Axle
- 20,000-16 Capacity per Axie
  04EXU BRAKE CHAMBERS, REAR
  AXLE {Bendix EverSure} 30/30
  Sqln Spring Brake
  - \* BRAKE CHAMBERS, POSITION
    (2) Rear Parking; WITH
    TRUCK BRAKES: All 4x2,
    4x4; WITH TRACTOR BRAKES:
    All 4x2, 4x4; 6x4 & 6x6
    with Rear Tandem Axles
    Less Than 46,000-lb. or
    GVWR Less Than 54,000-lb.
  - \* BRAKE CHAMBERS, POSITION
    (4) Rear Parking; WITH
    TRUCK BRAKES: All 6x4,
    6x6; WITH TRACTOR BRAKES:
    6x4 & 6x6 with Rear Tandem
    Axles 46,000-lb. or
    Greater or GVWR of
    54,000-lb. or Greater
- 04LGG SLACK ADJUSTERS, REAR {Gunite} Automatic
- 04SPM AIR COMPRESSOR {Bendix BA-921 Head Unload} 15.9 CFM 04EDM - AIR DRYER {Bendix
  - AD-HF} with Heater, Includes Pressure Protection
    Circuits, Safety Valve,
    Integral Purge Tank,
    Governor Pressure Settings
    110 psi Cut-In/130 psi
    Cut-Out, Integrated
    PuraGuard Coalescing
    Filtration
- 04VHW AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Left Rail, Under Cab; Perpendicular to Rail

#### (CONT.) 05 STEERING

05PSM - STEERING GEAR {Sheppard HD94} Power
05710 - STEERING COLUMN Tilting and Telescoping
05CAW - STEERING WHEEL 4-Spoke;

05CAW - STEERING WHEEL 4-Spoke; 18" Dia., Black

#### 06 DRIVELINES

- \* END YOKES Half-Round, Easy Service (All)
- \* SLIP JOINT SPLINES Nylon-Coated
- 06DGX DRIVELINE SYSTEM {Dana Spicer} Service Free SPL250 Main Driveline with SPL170 Interaxle Shaft, for 6x4

#### 07 EXHAUST SYSTEM

- 07BLV EXHAUST SYSTEM
  Horizontal Aftertreatment
  System, Frame Mounted Right
  Side Under Cab, for Single
  Short Horizontal Tail Pipe,
  Frame Mounted Right Side
  Back of Cab
- 07SDK ENGINE COMPRESSION
  BRAKE by Jacobs; for N13/A26
  Engines, with Selector
  Switch and On/Off Switch
- 07WDR TAIL PIPE (1) Horizontal, Short

#### 08 ELECTRICAL

- 08000 ELECTRICAL SYSTEM
  12-Volt, Standard Equipment
  \* DATA LINK CONNECTOR For
  - DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
  - \* HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
  - \* HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
  - \* HORN, ELECTRIC Single
  - \* PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
  - \* POWER SOURCE Cigar Type Receptacle with Cap, USB Port, Located in Instrument Panel
  - STARTER SWITCH Electric, Key Operated
  - \* TURN SIGNAL SWITCH Manual Cancelling with Lane Change Feature
  - \* TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted
  - \* WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever

# **SERIES HEAVY DUTY**

## RH613 6x4

## STANDARD EQUIPMENT

## (CONT.) 08 ELECTRICAL

MODEL CODE: RH61F00

## WINDSHIELD WIPERS Single Motor, Electric, Cowl

08 ELECTRICAL

- Mounted WIRING, CHASSIS Color Coded
- and Continuously Numbered 08GXJ - ALTERNATOR
  - {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount
- 08XHL BATTERY BOX Steel, 30" Wide, 2-4 Battery Capacity, Mounted Left Side Under Cab
- 08MSG BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top
- Threaded Stud 08RJW - CB RADIO Omit Power Feeds, Power Source and Wiring
- 08XAH CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
- 08TRG COLLISION MITIGATION SYSTEM {Bendix Wingman Fusion Adaptive Cruise, Enhanced Collision Mitigation, Multilane Auto & Stat Vehicle Braking, Stat Obj Alert, Roadway Depart Alert & Braking, Lane Depart Warning Switch & Spkrs, Ovrspd Alert & Action, Frt Radar & Camera, Drvr Display, Safety Direct Capable, Less Safety Direct Cable
- 08XMB CONNECTOR, DASH, CENTER PANEL Cab Wiring for TMC RP1226 Vehicle Accessory Connector; Includes 14-pin Connector with Switched Power, Battery Power, Ignition Power, Ground & Body 250K Datalink, Connector Located Behind Instrument Panel Center Console
- 08WXB HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
- 08XPA HEADLIGHTS LED, with Daytime Running Lights, Automatic Twilight Controlled
- 08WRB HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned
- 08XHN HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

#### 08RPU - RADIO AM/FM/WB/SiriusXM/Clock/Bluet ooth/USB Input/Auxiliary Input

- 08RMV SPEAKERS (2) 6.5" Dual Cone Mounted in Doors
- 08WXG STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start
- 08TPP STOP, TURN, TAIL & B/U LIGHTS Multi-Function Lamp, with LED Lights for Stop, Turn, Tail and Backup Lights, Includes LED License Plate Light
- 08XHX SWITCH, MARKER INTERRUPT for Marker Lights and Headlights, Located in Steering Wheel
- 08WPZ TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

#### 09 FRONT END

- 09WAY FRONT END Tilting, Fiberglass, with Three Piece Construction
  - BUG SCREEN Front End: Mounted Behind Grille
- HOOD TILT ASSIST Includes Torsion Bar Spring System 09HAD - GRILLE Chrome
- 09AAB LOGOS EXTERIOR Model Badges
- 09AAE LOGOS EXTERIOR, ENGINE Badges

## 10 PAINT & MISCELLANEOUS

- 10AEU INTELLIGENT FLEET CARE Telematics Device with Over the Air Programming; Includes Five Year Data Plan, Advanced Preventive Maintenance, Fleet Health Monitor Reporting and International 360
- 10HZN FIFTH WHEEL, AIR SLIDE {Fontaine SL6NWB675012} 12' Slide, 6.75" Above Top of Frame, Left Hand Release
- 10WPR MUD FLAP HOLDER Spring Loaded, Painted Black, with Red and White Reflective Tape, Less Flaps
- 10060 PAINT SCHEMATIC, PT-1 Single Color, Design 100 PAINT SCHEMATIC ID LETTERS "HW"
- 10761 PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

# (CONT.) 11 CLUTCH

11MHM - CLUTCH {Eaton Fuller 430MM Maintenance Free, Self-Adjusting, 17" (430 mm) Dia Single Plate, Diaphragm Spring, Organic, 5-Spring Coaxial 254mm Damper with Pre-Damper, 2"-18 Tooth Spline, Pneumatic Push Type Control, 1850 lb-ft (2508 Nm) Torque Capacity

#### 12 ENGINE

- 12BGA ENGINE, DIESEL {International A26} EPA 2021, 410HP @ 1700 RPM, 1450 lb-ft Torque @ 900 RPM, 1800 RPM Governed Speed, 410 Peak HP (Max)
- 12XBC RADIATOR Aluminum. Welded, Down Flow, Front to Back System, 1325 Sqln, with 806 Sqln Charge Air Cooler
- 12THJ FAN DRIVE {Horton Drivemaster Automatic On/Off Type, with Normally Closed Temperature Control
- 12VBC AIR CLEANER Single Element
  - GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
- 12703 ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
- 12XBE CRUISE CONTROL Predictive, Includes GPS Enhanced Cruise Control; Includes Module, Antenna and Wiring
- 12WCX HOSE CLAMPS, RADIATOR HOSES {Gates} Shrink Band Туре
- 12WYZ RADIATOR DRAIN & FILL FITTING SPECIAL; To Vacuum Out or Fill the Cooling System from the Bottom of Radiator, for Use with Quick-Connect Radiator Drain Tool or Shop Coolant Evacuation-Fill System

#### 13 TRANSMISSION

- 13GYY TRANSMISSION, MANUAL {Eaton Endurant EEO-14F112C} 12-Speed Fully Automated Manual, Aluminum Clutch Housing, Overdrive, Mechatronic Shift Controls. Pneumatic Clutch Actuation, Internal Lube Oil Pump, Hill Start Aid
- 13WLW TRANSMISSION OIL {EmGard 40W} Synthetic: 1 thru 21.99 Pints

# **SERIES HEAVY DUTY**

## RH613 6x4

## STANDARD EQUIPMENT

# MODEL CODE: RH61F00

## 14A AXLE, REAR

- 14GVD AXLE, REAR, TANDEM {Meritor MT-40-14X-3CFR} Single Reduction, Amboid Gearing in Rear-Rear Axle, 40,000-lb Capacity, .374"(9.5mm) Wall Housing Thickness, R Wheel Ends \* RATIO: 2.47, 2.64, 2.79, 2.85, 3.08, 3.25, 3.36,
  - 4.11
     POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light

3.42, 3.55, 3.70, 3.90 OR

14WMJ - AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints

#### 14B SUSPENSION, REAR

14UPZ - SUSPENSION, REAR, AIR, TANDEM {International} Ride Optimized Suspension (IROS), 40,000-lb Capacity, 52" Axle Spacing, 9.25" Ride Height, with Shock Absorbers

#### 15 FUEL TANKS

- \* FUEL LINE FITTINGS O-Ring Snap-On Quick-Connect Voss Fittings at Both Ends; Anchored to frame for Fuel Hoses
- 15SYK FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 70 US Gal (265L), Mounted Left Side, Back of Cab/Under Sleeper
- 15WDM DEF TANK 10.6 US Gal (40L) Capacity, Frame Mounted Outside Left Rail, Back of Cab/Under Sleeper
- 15LPR FUEL/WATER SEPARATOR {Racor 6600} 12 VDC Electric Heater, Includes Pre-Heater, Fuel Heated with Fuel Blender Valve, with Sight Bowl, Includes Water-In-Fuel

## 16 CAB

- 16030 CAB Conventional, Day Cab
  - \* CLEARANCE/MARKER LIGHTS (5) Flush Mounted
  - \* COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
  - \* CONSOLE, CENTER Includes Two Cup Holders and One Additional Storage Area
  - \* COURTESY LIGHT (2) Driver and Passenger Door Mounted
  - \* DOME LIGHT, CAB
    Rectangular, Door and
    Instrument Panel Mounted
    Switch Activated, Timed
    Theater Dimming, Center
    Mounted, Integral to
    Console

- 16 CAB (CONT.) 16 CAB

  \* FLOOR COVERING Rubber, 16HCS
  Black AMB
  - \* GLASS, ALL WINDOWS Tinted
  - \* GRAB HANDLE, CAB INTERIOR
    (1) "A" Pillar Mounted,
    Passenger Side
  - \* GRAB HANDLE, CAB INTERIOR (4) "B" Pillar and Door Mounted, Two Each Side
  - \* INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
  - \* READING LIGHT, CAB Located in Overhead Console
  - \* STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door
- 16ZBS ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Sleeper Cab
- 16BAM AIR CONDITIONER with Integral Heater and Defroster
  - \* HOSE CLAMPS, HEATER HOSE {Mubea} Constant Tension Clamps
- 16VKB CAB INTERIOR TRIM
  - Classic, for Day Cab

    \* DOOR TRIM, INTERIOR Black
    Handle
  - \* INSTRUMENT PANEL TRIM Black, Black Gauges with Black Bezels
  - \* SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
- 16GEG GAUGE CLUSTER Premium Level; English with English Electronic Speedometer
  - \* GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for Fuel/DEF, DPF Level
  - \* GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure
  - \* WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)

16HCS - GAUGE, TEMPERATURE, AMBIENT Sensor Wiring with Display Unit Mounted in Cluster

(CONT.)

- 16XJP INSTRUMENT PANEL Wing Panel
- 16SNS MIRRORS (2) Aero
  Pedestal, Power Adjust,
  Heated, Black Heads and
  Arms, 6.5" x 14" Flat Glass,
  Includes 6.5" x 6" Convex
  Mirrors, for 102" Load Width
  NOTE: Mirror Dimensions are
  Rounded to the Nearest
  0.5"
- For U.S. Only

  16VVM MONITOR, TIRE PRESSURE
  System Gives Warning that
  Tire Pressure is Below Set
  Pressure, Monitors Tire
  Pressure of Each Tire with
  Temperature Compensation,
  Data Displayed in the LCD of
  the Cluster, for 4x2, 6x4
  and 6x2 Axle Configurations,
  Does Not Include Lift Axles
- or Spare Wheels

  16KAM SEAT, DRIVER {National 2000 Model 295} Air Suspension, Intermediate Back, All Vinyl, 2 Arm Rests, Isolator, 7" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 3-14 Degree Back Angle Adjust
- 16REP SEAT, PASSENGER {National 2000} Non Suspension, Intermediate Back, All Vinyl, 11 Degree Back Angle
- 16WJU WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature

#### 27/28 WHEELS & TIRES

- \* WHEEL SEALS, FRONT {International} Oil Lubricated, Includes Wheel Bearings
- \* WHEEL SEALS, REAR
  {International} Oil
  Lubricated, Includes Wheel
  Bearings
- 27DVN WHEELS, FRONT {Accuride 42644} DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- 28DVN WHEELS, REAR {Accuride 42644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

MODEL CODE: RH61F00

# SERIES HEAVY DUTY

## RH613 6x4

## STANDARD EQUIPMENT

27/28 WHEELS & TIRES (CONT.

770249 5443 (02) 295/75R22.5 14-PR LR-G SINGLE FRONT RADIAL TIRES {Continental Tire ECOPLUS HS3+} 770249 5443 (08) 295/75R22.5

7/0249 5443 (US) 295/75R22.5 14-PR LR-G DUAL REAR RADIAL TIRES {Continental Tire ECOPLUS HS3+}

#### 29 SPECIAL WHEELS

29CAG - WHEEL COVER, REAR Aerodynamic, 22.5", Black

## 40 WARRANTY

40125 - WARRANTY Standard for LT/RH Series, Effective with Vehicles Built January 2, 2016 or Later, CTS-2010A