

**INTERNATIONAL®****HX****SERIES HEAVY DUTY****HX520 SFA****STANDARD EQUIPMENT****MODEL CODE: HX52000****LIST PRICE:****01 FRAMES**

01AND - AXLE CONFIGURATION
{Navistar} 6x4

NOTE: Pricing may change if
axle configuration is
changed.

- For U.S. Only

01CGC - FRAME RAILS Heat

Treated Alloy Steel (120,000
PSI Yield); 12.250" x 3.380"
x 0.375" (304.8mm x 85.6mm x
9.5mm); 550.0" (13970mm)
Maximum OAL

01LPG - BUMPER, FRONT Gull
Wing, Aluminum, Stainless
Steel Clad, Heavy Duty

01WXC - WHEELBASE RANGE 169"
(430cm) Through and
Including 209" (530cm)

02 AXLE, FRONT

02ARW - AXLE, FRONT NON-DRIVING
{Meritor MFS-12-143A} Wide
Track, I-Beam Type,
12,000-lb Capacity

03A SUSPENSION, FRONT

03ADC - SUSPENSION, FRONT,
SPRING Parabolic Taper Leaf,
Shackle Type, 12,000-lb
Capacity, with Shock
Absorbers

04 BRAKES

04091 - BRAKE SYSTEM, AIR Dual
System for Straight Truck
Applications

* BRAKE LINES Color and Size
Coded Nylon

* PARKING BRAKE CONTROL
Yellow Knob, Located on
Instrument Panel

* PARKING BRAKE VALVE For
Truck

* QUICK RELEASE VALVE On Rear
Axle for Spring Brake
Release: 1 for 4x2, 2 for
6x4

* SPRING BRAKE MODULATOR
VALVE {Bendix} SR-7 with
relay valve for 6x4/8x6

04AZJ - AIR BRAKE ABS {Bendix
AntiLock Brake System}
4-Channel (4 Sensor/4
Modulator) Full Vehicle
Wheel Control System, with
Automatic Traction Control

04XCJ - BRAKES, FRONT {Bendix
Spicer ADB22X} Air Disc
Type, Extended Service, Size
22.5", 23,000-lb Capacity

04XDW - BRAKE CHAMBERS, FRONT
AXLE 18 Sqn, for Air Disc
Brakes

04XCK - BRAKES, REAR {Bendix
Spicer ADB22X} Air Disc
Type, Extended Service, Size
22.5", 26,000-lb Capacity
per Axle

04 BRAKES**(CONT.)**

04XEA - BRAKE CHAMBERS, REAR
AXLE 18/24 Sqn Spring
Brake, Double Diaphragm, for
Air Disc Brakes

04SPA - AIR COMPRESSOR
{Cummins} 18.7 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

04VKC - AIR DRYER LOCATION
Mounted Inside Left Rail,
Back of Cab

04VKK - AIR TANK LOCATION (2)
Mounted Under Battery Box,
Outside Right Rail, Back of
Cab, Perpendicular to Rail

04WXR - DRAIN VALVE (2) {Berg}
with Pull Chains, for Air
Tanks

05 STEERING

05PSA - STEERING GEAR {Sheppard
M100} Power

05710 - STEERING COLUMN Tilting
and Telescoping

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

06 DRIVELINES

* END YOKES Half-Round, Easy
Service (All)

06DGU - DRIVELINE SYSTEM {Dana
Spicer} SPL250 Main
Driveline with SPL170
Interaxle Shaft, for 6x4

07 EXHAUST SYSTEM

07BLY - EXHAUST SYSTEM
Horizontal Aftertreatment
System, Frame Mounted Right
Side Under Cab, for Single
Vertical Tail Pipe, Cab
Mounted Right Side

07SAP - ENGINE COMPRESSION
BRAKE {Cummins} Interbrake
For Cummins
Signature/ISX/X15 Engines;
Furnished with Engine

07WDM - EXHAUST HEIGHT 10'

07WDT - TAIL PIPE (1) Straight
Type

08 ELECTRICAL

08000 - ELECTRICAL SYSTEM

12-Volt, Standard Equipment
* HAZARD SWITCH Push On/Push
Off, Located on Instrument
Panel to Right of Steering
Wheel

* HEADLIGHT DIMMER SWITCH
Integral with Turn Signal
Lever

08 ELECTRICAL**(CONT.)**

* PARKING LIGHT Integral with
Front Turn Signal and Rear
Tail Light

* STARTER SWITCH Electric,
Key Operated

* STOP, TURN, TAIL & B/U
LIGHTS Dual, Rear,
Combination with Reflector

* 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

08GXJ - ALTERNATOR

{Leece-Neville AVI160P2013}
Brush Type, 12 Volt, 160 Amp
Capacity, Pad Mount

08VUK - BATTERY BOX Aluminum,
with Plastic Cover, 18"
Wide, 2-4 Battery Capacity,
Mounted Right Side Back of
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

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

08XNY - HEADLIGHTS Halogen

NOTE: STANDARD IN USA

08653 - HORN, AIR Single,
Located Under Cab

08VAY - HORN, ELECTRIC Disc
Style

08RMX - RADIO Omit, Includes
Wiring and Antenna

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

08WVG - STARTING MOTOR
{Mitsubishi Electric
Automotive America 105P}
12-Volt, with Soft-Start
08WEZ - TURN SIGNAL SWITCH
Self-Canceling

09 FRONT END

09ASE - FRONT END Tilting,
Composite

09HCN - GRILLE Chrome Vertical
Accent Bars, with Black Mesh

09AAB - LOGOS EXTERIOR Model
Badges

Refer To General Info for Metric Conversion Tables

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09 FRONT END	(CONT.)	13 TRANSMISSION	16 CAB	(CONT.)
09AAE - LOGOS EXTERIOR, ENGINE Badges		13GWZ - TRANSMISSION, MANUAL {Eaton Fuller UltraShift+ FO-16E313A-MHP} 13-Speed Fully Automated Manual, Aluminum Clutch Housing, Overdrive, Electronic Shift Controls and Clutch Actuation, Air Range Shift, Internal Lube Oil Pump, Hill Start Aid	* DOME LIGHT, CAB Rectangular, Door and Instrument Panel Mounted Switch Activated, Timed Theater Dimming, Center Mounted, Integral to Console	
10 PAINT & MISCELLANEOUS			* FLOOR COVERING Rubber, Black	
10AGB - COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360			* GLASS, ALL WINDOWS Tinted	
10060 - PAINT SCHEMATIC, PT-1 Single Color, Design 100			* GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	
10761 - PAINT TYPE Base Coat/Clear Coat, 1-2 Tone			* GRAB HANDLE, CAB INTERIOR (4) "B" Pillar and Door Mounted, Two Each Side	
11 CLUTCH		14A AXLE, REAR	* READING LIGHT, CAB Located in Overhead Console	
11MGP - CLUTCH {Eaton Fuller ECA 1850} Self-Adjusting, 15.5" Dia Two-Plate, Cast Angle Spring, Ceramic, 7-Spring Damper with Pre-Damper, 2"-10 Tooth Spline, 1850 lb-ft Torque Capacity		14GVU - AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, .433"(11mm) Wall Housing Thickness, R Wheel Ends	* STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door	
12 ENGINE		* RATIO: 2.64, 3.08, 3.25, 3.36, 3.42, 3.55, 3.70, 3.90, 4.11, 4.33, 4.63, 4.88, 5.29, 5.86, 6.14, 6.43, 6.83 OR 7.17	16XTM - ACCESS, CAB Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Sleeper Cab	
12ETK - ENGINE, DIESEL {Cummins X15 430 V} Productivity Series, EPA 2021, 430HP @ 1900 RPM, 1650 lb-ft Torque @ 950 RPM, 2000 RPM Governed Speed, 441 Peak HP (Max)		14B SUSPENSION, REAR	16BAM - AIR CONDITIONER with Integral Heater and Defroster	
12XBC - RADIATOR Aluminum, Welded, Down Flow, Front to Back System, 1325 SqIn, with 806 SqIn Charge Air Cooler		14UMV - SUSPENSION, REAR, TANDEM {Hendrickson HMX EX 400} Walking Beam, 40,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings	* HOSE CLAMPS, HEATER HOSE {Mubea} Constant Tension Clamps	
* RADIATOR HOSES Premium, Rubber		15 FUEL TANKS	16VKK - CAB INTERIOR TRIM Diamond, for Day Cab	
12THT - FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed		15SSN - FUEL TANK Non-Polished Aluminum, 24" Dia, 60 US Gal (227L), Mounted Left Side, Under Cab	16GEG - GAUGE CLUSTER Premium Level; English with English Electronic Speedometer	
* FAN Nylon		15WDR - DEF TANK 10.6 US Gal (40L) Capacity, Frame Mounted Outside Left Rail, Under Cab	* 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	
12VCA - AIR CLEANER Single Element, with Integral Pre-Cleaner, Engine Mounted		15LKU - FUEL/WATER SEPARATOR {Racor} Fuel Pre-Filter and Filter Base, Includes Water-In-Fuel Sensor	* GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure	
12703 - ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection		16 CAB	* 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)	
12WTA - FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted		16030 - CAB Conventional, Day Cab	16XJP - INSTRUMENT PANEL Wing Panel	
12WCX - HOSE CLAMPS, RADIATOR HOSES {Gates} Shrink Band Type		* CAB REAR SUSPENSION Air	16HKT - IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	
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		* CLEARANCE/MARKER LIGHTS (5) LED Roof Mounted		
		* COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window		
		* CONSOLE, CENTER Includes Two Cup Holders and One Additional Storage Area		
		* CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger		
		* COURTESY LIGHT (2) Driver and Passenger Door Mounted		

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HX

SERIES HEAVY DUTY

HX520 SFA

STANDARD EQUIPMENT

MODEL CODE: HX52000

16 CAB (CONT.)

16SNL - MIRRORS (2) C-Loop,
Black Heads and Arms, 7.5" x
14" Flat Glass, Includes
7.5" x 7" Convex Mirrors,
for 102" Load Width

NOTE: Mirror Dimensions are
Rounded to the Nearest
0.5"

16XRX - MODESTY PANEL Painted

16LWK - SEAT, DRIVER {ISRI}
Series 300, Air Suspension,
High Back, Vinyl, Single
Chamber Lumbar, Inboard
Armrest, Suspension Cover,
Fore/Aft Isolator, Cushion
Extension, Seat Tilt

16400 - SEAT, PASSENGER Omit
Item

16WJU - WINDOW, POWER (2) and
Power Door Locks, Left and
Right Doors, Includes
Express Down Feature

27/28 WHEELS & TIRES

27DUW - WHEELS, FRONT {Accuride
51408} DISC; 22.5x8.25 Rims,
Powder Coat Steel, 2-Hand
Hole, 10-Stud, 285.75mm BC,
Hub-Piloted, Flanged Nut,
with Steel Hubs

28DUW - WHEELS, REAR {Accuride
51408} DUAL DISC; 22.5x8.25
Rims, Powder Coat Steel,
2-Hand Hole, 10-Stud,
285.75mm BC, Hub-Piloted,
Flanged Nut, with Steel Hubs

737213 5415 (02) 11R22.5 14-PR
LR-G SINGLE FRONT RADIAL
TIRES {Continental Tire
HSR2}

737213 5415 (08) 11R22.5 14-PR
LR-G DUAL REAR RADIAL TIRES
{Continental Tire HSR2}

40 WARRANTY

40132 - WARRANTY Standard for
HX520, HX620, Effective with
Vehicles Built January 1,
2021 or Later, CTS-2015B

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