

Prepared For:

MWF - DURASTAR 14/26 150" CA 300 HP /
860 T # 6818-03
Scott Schneekloth
901 Commerce Rd.
Luverne, MN 56156-2265
(507)283 - 9141

Presented By:

GREAT PLAINS INTL, INC
Robin Kunz
4511 NORTH CLIFF
SIOUX FALLS SD 57104 -
(605)336-3820

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2012 4400 SBA 4X2 (MA035)

APPLICATION: Tank (Emergency)
MISSION: Requested GVWR: 40000. Calc. GVWR: 40000
 Calc. Start / Grade Ability: 25.10% / 2.73% @ 55 MPH
 Calc. Geared Speed: 71.5 MPH

FUEL ECONOMY: 7.37 MPG @ 55 MPH

DIMENSION: Wheelbase: 217.00, CA: 149.90, Axle to Frame: 75.00

ENGINE, DIESEL: {MaxxForce DT} EPA 10, 300 HP @ 2200 RPM, 860 lb-ft Torque @ 1300 RPM, 2400 RPM Governed Speed

TRANSMISSION, AUTOMATIC: {Allison 3000EVS_P} 4th Generation Controls; Close Ratio, 5-Speed; With Overdrive, Includes Oil Level Sensor, With Provision for PTO, Less Retarder, Max. GVW N/A

CLUTCH: Omit Item (Clutch & Control)

AXLE, FRONT NON-DRIVING: {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity

AXLE, REAR, SINGLE: {Dana Spicer S26-190} Single Reduction, 26,000-lb Capacity, R Wheel Ends
 Gear Ratio: 5.57

CAB: Conventional

TIRE, FRONT: (2) 12R22.5 G661 HSA (GOODYEAR) 484 rev/mile, load range H, 16 ply

TIRE, REAR: (4) 12R22.5 G622 RSD (GOODYEAR) 482 rev/mile, load range H, 16 ply

SUSPENSION, RR, SPRING, SINGLE: Vari-Rate; 31,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring

PAINT: Cab schematic 100GA
 Location 1: 2303, Red (Std)
 Chassis schematic N/A

<u>Code</u>	<u>Description</u>
MA03500	Base Chassis, Model 4400 SBA 4X2 with 217.00 Wheelbase, 149.90 CA, and 75.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1CAG	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL
1LNN	BUMPER, FRONT Full Width, Aerodynamic, Chrome Plated Steel; 0.142" Material Thickness
1WEJ	WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)
2ARV	AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity
	<u>Notes</u>
	: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
3ADD	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 14,000-lb Capacity; With Shock Absorbers
	<u>Includes</u>
	: SPRING PINS Rubber Bushings, Maintenance-Free
	<u>Notes</u>
	: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	<u>Includes</u>
	: BRAKE LINES Color and Size Coded Nylon
	: DRAIN VALVE Twist-Type
	: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
	: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel
	: PARKING BRAKE VALVE For Truck
	: QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4
	: SLACK ADJUSTERS, FRONT Automatic
	: SLACK ADJUSTERS, REAR Automatic
	: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4
	<u>Notes</u>
	: Front and Rear Dust Shields not Included
	: Rear Axle is Limited to 19,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Code 04NCL BRAKES, REAR, AIR CAM Regardless of Axle/Suspension Ordered.
	: Rear Axle is Limited to 20,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Code 04NCG BRAKES, REAR, AIR CAM Regardless of Axle/Suspension Ordered.
	: Rear Axle is Limited to 23,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle/Suspension Ordered.

<u>Code</u>	<u>Description</u>
4722	DRAIN VALVE {Bendix DV-2} Automatic; With Heater; for Air Tank <u>Includes</u> : DRAIN VALVE Mounted in Wet Tank
4773	BRAKE SHOES, REAR Cast <u>Notes</u> : Provides Rear Axle GAWR Up to 26,000-Lb. : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)
4EBT	AIR DRYER {Bendix AD-IP} With Heater <u>Includes</u> : AIR DRYER LOCATION Inside Left Rail, Back of Cab
4ESX	BRAKE CHAMBERS, FRONT AXLE {Haldex} 20 SqIn
4EVL	BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake <u>Includes</u> : BRAKE CHAMBERS, SPRING (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.
4JCJ	BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; Includes 20 Sq. In. Long Stroke Brake Chambers <u>Notes</u> : Front Axle with 14,000-lb GAWR is Limited to 13,200-lb GAWR when used in Conjunction with 15" BRAKES, FRONT, AIR CAM. : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
4NDB	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake <u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
4SBC	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity
4VBC	AIR DRYER LOCATION Mounted To Battery Box, Left side, Under Cab
5710	STEERING COLUMN Tilting and Telescoping
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black
5PSM	STEERING GEAR {Sheppard HD94} Power

<u>Code</u>	<u>Description</u>
7BDB	EXHAUST SYSTEM Single Horizontal, Aftertreatment Device, Frame Mounted Right Side, Under Cab, Includes Horizontal Tail Pipe <u>Includes</u> : NOTE: The Horizontal Tailpipe Includes a Temperature Control Device
7SCZ	ENGINE EXHAUST BRAKE for MaxxFace I6 Engines, Electronically Activated
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment <u>Includes</u> : BATTERY BOX Steel : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : FUSES, ELECTRICAL SAE Blade-Type : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : HORN, ELECTRIC Single : JUMP START STUD Located on Positive Terminal of Outermost Battery : 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 : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, 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
8518	CIGAR LIGHTER Includes Ash Cup
8540	HORN, ELECTRIC (2)
8630	IGNITION SWITCH Keyless
8GWY	ALTERNATOR {Leece-Neville 14931PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mounted
8HAB	BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/ Accessory Power/Ground and Sealed Connector for Stop/Turn
8MKL	BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total
8RJV	RADIO {International} AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Speakers

<u>Code</u>	<u>Description</u>
	<u>Includes</u> : SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior : SPEAKERS IN CAB (4) Coaxial with Premium Interior
8THB	BACK-UP ALARM Electric, 102 dBA
8WEE	SWITCH, AIR HORN, PASSENGER Fire Truck Application; Momentary Switch Located in Instrument Panel Close to Passenger, Driver Also To Activate Switch at Steering Wheel
8WHE	HORN, AIR ACCOMMODATION PACKAGE; less Horn
8WJV	BATTERY DISCONNECT SWITCH {Joseph Pollak} for Cab Power Disconnect Switch; Lever Operated, Disconnects Power to PDC, Does Not Disconnect Charging Circuits, Cab Mounted
8WPB	HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm
8WZP	INDICATOR, BATTERY WARNING Green BATTERY ON Indicator, Mounted on Left Side of Instrument Panel, To be Used with Factory Installed or Customer Mounted Battery Disconnect Switch
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses
9HAD	GRILLE Chrome
9WAY	FRONT END Tilting, Fiberglass, With Three Piece Construction
9WBB	GRILLE EMBER SCREEN Mounted to Grille to Keep Hot Embers out of Engine Air Intake System
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100 <u>Includes</u> : PAINT SCHEMATIC ID LETTERS "GA"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10WBE	KEYS - ALL ALIKE, ID Z-001
11001	CLUTCH Omit Item (Clutch & Control)
12NUT	ENGINE, DIESEL {MaxxForce DT} EPA 10, 300 HP @ 2200 RPM, 860 lb-ft Torque @ 1300 RPM, 2400 RPM Governed Speed <u>Includes</u> : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated (Air Brake Chassis Only)

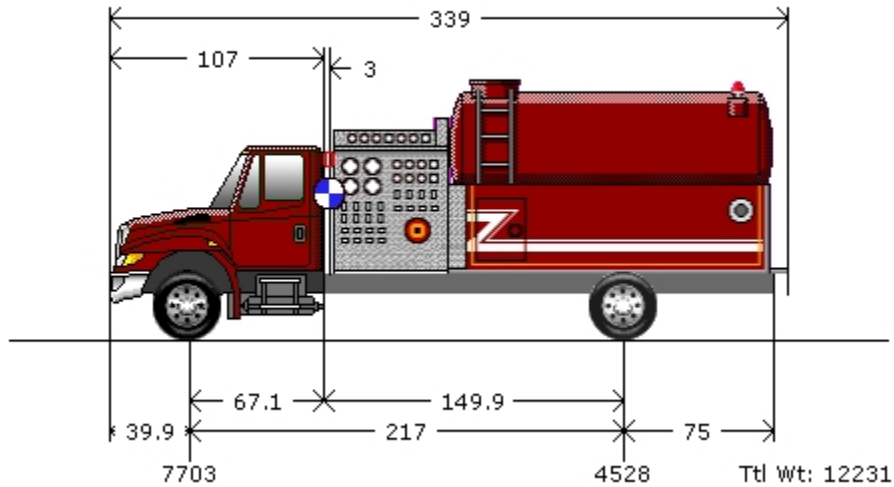
<u>Code</u>	<u>Description</u>
	: ANTI-FREEZE Red Shell Rotella Extended Life Coolant; -40 Degrees F/ -40 Degrees C; for MaxxFace Engines : COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE OIL DRAIN PLUG Magnetic : ENGINE SHUTDOWN Electric, Key Operated : FUEL FILTER Included with Fuel/Water Separator : FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a Single Assembly; With Water-in-Fuel Sensor; Engine Mounted : GOVERNOR Electronic : OIL FILTER, ENGINE Spin-On Type : WET TYPE CYLINDER SLEEVES
	<u>Notes</u> : Recommend Code 12THT when using front mount obstructions (winches, cones, reels, etc.) that restrict air flow through the radiator.
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed
	<u>Includes</u> : FAN Nylon
	<u>Notes</u> : Recommend Code 12THT when using front mount obstructions (winches, cones, reels, etc.) that restrict air flow through the radiator.
12UAU	RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 1045 SqIn Louvered, With 373 SqIn CAC, With 369 SqIn LTR, With In-Tank Transmission Oil Cooler
	<u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber
12UXG	FEDERAL EMISSIONS for 2010; MaxxFace DT Engines
12VBR	AIR CLEANER With Service Protection Element
	<u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
12VXU	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel
12VZA	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxFace post 2007 Emissions Electronic Engines
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted

<u>Code</u>	<u>Description</u>
12WYK	ENGINE WATER COOLER {Sen-Dure} Auxiliary, For Use With Fire Trucks
12WZD	EMISSION COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies With California Clean Air Regulations
13AJV	TRANSMISSION, AUTOMATIC {Allison 3000EVS_P} 4th Generation Controls; Close Ratio, 5-Speed; With Overdrive, Includes Oil Level Sensor, With Provision for PTO, Less Retarder, Max. GVW N/A
	<u>Includes</u> : OIL FILTER, TRANSMISSION Mounted on Transmission : TRANSMISSION OIL PAN Magnet in Oil Pan
13WBL	TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
13WUZ	ALLISON SPARE INPUT/OUTPUT for Emergency Vehicle Series (EVS), 127/198 Includes J1939 Based Auto Neutral; Fire/Pumper, Tank, Aerial/Ladder
13WYL	SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary
14AHK	AXLE, REAR, SINGLE {Dana Spicer S26-190} Single Reduction, 26,000-lb Capacity, R Wheel Ends . Gear Ratio: 5.57
	<u>Includes</u> : REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires. : When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance
14VAJ	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 31,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.
15SNY	FUEL TANK Top Draw; D Style, Non Polished Aluminum, 19" Deep, 50 U.S. Gal., 190 L Capacity, Beveled Back of Tank, With Quick Connect Outlet, Mounted Right Side, Under Cab
	<u>Notes</u> : N/A with 19.5" Tires
16030	CAB Conventional
	<u>Includes</u>

<u>Code</u>	<u>Description</u>
	<ul style="list-style-type: none"> : ARM REST (2) Molded Plastic; One Each Door : CLEARANCE/MARKER LIGHTS (5) Flush Mounted : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : STEP (4) Two Steps Per Door
16HBA	<p>GAUGE CLUSTER English With English Electronic Speedometer</p> <p><u>Includes</u></p> <ul style="list-style-type: none"> : GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)
16HCK	<p>SEATBELT WARNING PREWIRE Includes Seat Belt Switches and Seat Sensors for all Belted Positions in the Cab and a Harness Routed to the Center of the Dash for the Aftermarket Installation of the Data Recorder and Seatbelt Indicator Systems, for 1 to 3 Seat Belts</p>
16HGH	<p>GAUGE, OIL TEMP, ALLISON TRAN</p>
16HHE	<p>GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} With Black Bezel Mounted in Instrument Panel</p>
16HKT	<p>IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster</p>
16JJE	<p>SEAT, DRIVER {National 2000} NFPA Compliant, Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust</p> <p><u>Includes</u></p> <ul style="list-style-type: none"> : SEAT BELT 3-Point, Lap and Shoulder Belt Type
16LPE	<p>SEAT, PASSENGER {Gra-Mag} Non Suspension, High Back With Integral Headrest, Vinyl, With Fixed Back, With Under Seat Storage</p> <p><u>Includes</u></p> <ul style="list-style-type: none"> : SEAT BELT 3-Point, Lap and Shoulder Belt Type
16SDC	<p>GRAB HANDLE (2) Chrome Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each Side at "B" Pillar</p>
16SDU	<p>MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatically Controlled, Power Both Sides, Clearance Lights LED, Bright Finish Heads & Brackets</p>

<u>Code</u>	<u>Description</u>
16VBW	CAB MOUNTING HEIGHT EFFECTS Mid Cab in Lieu of Low Cab Mounting Height (Approx. 4") for Increased Cooling System Requirements
16VBZ	SEAT BELT All Red; 1 to 3
16WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster <u>Includes</u> : CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : HEATER HOSES Premium : REFRIGERANT Hydrofluorocarbon HFC-134A
16WJS	INSTRUMENT PANEL Center Section, Flat Panel
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
16WRX	CAB INTERIOR TRIM Deluxe <u>Includes</u> : "A" PILLAR COVER Molded Plastic : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Padded Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console
16WSK	CAB REAR SUSPENSION Air Bag Type
27DMC	WHEELS, FRONT DISC; 22.5" Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs <u>Notes</u> : Aluminum Wheels not Painted or Coated : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22,5
28DRA	WHEELS, REAR DUAL DISC; 22.5" Polished Aluminum Outer Wheel, With Steel Inner Wheel; 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims, With Steel Hubs <u>Notes</u> : Aluminum Wheels not Painted or Coated : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22,5
29563	WHEEL SEALS, FRONT {Dana Spicer Outrunner} for Oil Lubricated Wheel Bearings

<u>Code</u>	<u>Description</u>
7382158102	(4) TIRE, REAR 12R22.5 G622 RSD (GOODYEAR) 482 rev/mile, load range H, 16 ply
7382158107	(2) TIRE, FRONT 12R22.5 G661 HSA (GOODYEAR) 484 rev/mile, load range H, 16 ply
	Cab schematic 100GA
	Location 1: 2303, Red (Std)
	Chassis schematic N/A



Graphics are provided as visual aids only and are not intended to represent the actual scale, shape, or color of the truck or its components. All weights are represented in lbs.

Truck			Body/Trailer			Chassis/Empty Weights	
Bumper to Axle	(BA)	39.9	Body Length	(BL)	229	Tractor Front Axle:	7,703
Wheelbase	(WB)	217.00				Tractor Rear Axle:	4,527
Axle to Frame	(AF)	75.00					
Axle to Back Cab	(ABC)	67.1					
Cab to Axle	(CA)	149.9					
Usable CA		149.9					
CA Reduction Adjustment		0					
Fuel (Gals)		0					

Before the Cab			Cab			Payloads Chassis			Body			After the Body		
#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG
									1	0	0			

Loads	
Payload Weight:	0
Driver:	0
Fuel(lbs):	0

Weight Distribution	
Total Front Axle:	7,703
Total Rear Axle:	4,528
Total Weight:	12,231

Weights and clearances in this proposal are estimates only. Navistar, Inc. is not liable for any consequences resulting from any differences between the estimated weights and clearances and the actual manufactured weights and clearances.

Weight Distribution

All weights are represented in lbs.

	Truck		
	Front	Rear	Total
<u>Chassis Weight</u>			
Chassis Weight:	7,703	4,527	12,230
Fuel:	0	0	0
Empty Body:	0	1	1
(Curb Weight):	7,703	4,528	12,231

Loads

Payloads:	0	0	0
Driver:	0	0	0
Axle Totals (Gross Weight):	7,703	4,528	12,231

Weight Ratings

	Truck	
	Front	Rear
Axle(axle capacity)	14,000	26,000
Tire(tire capacity)	14,780	29,560
Suspension(suspension capacity)	14,000	31,000
Spring:	0	
Fed Bridge Law (axle spread):	20,000	20,000

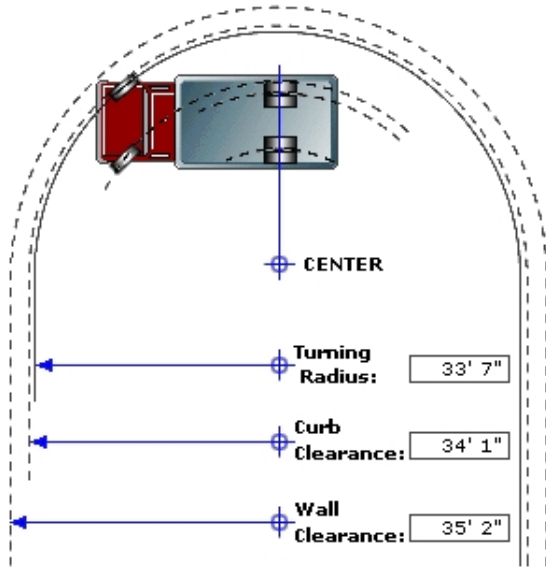
Wheel Combination	Load	Limit
1 - 2	12,231	48,000

Federal Total Vehicle Weight Limit: 80,000

Maximum Gross Vehicle Weight Rating (GVWR) 40,000 - Gross Vehicle Weight(GVW) 12,231 = 27,769 Reserves

Weight Summary

* Distributed weights are within capacity limits



Series: 4000
 Model: MA035
 Description: 4400 SBA 4X2
 Model Year: 2012

Calculation Factors

Wheelbase: 217
 Front Axle: 0002ARV
 Description: AXLE, FRONT NON-DRIVING, {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity
 Front Wheel: 0027DMC
 Description: WHEELS, FRONT, DISC; 22.5" Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs
 Front Tire: 07382158107
 Description: TIRES, 12R22.5 G661 HSA (GOODYEAR) 484 rev/mile, load range H, 16 ply
 Steering Gear: 0005PSM
 Description: STEERING GEAR, {Sheppard HD94} Power

Turning Radius Statistics

General Information

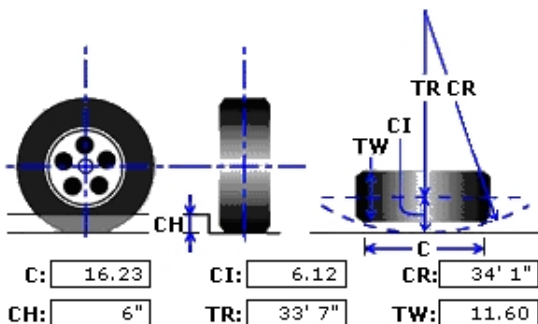
Inside Turn Angle: 42 Degrees
 Radial Overhang: 19

Axle Information

KingPin Inclination: 6.25 Degrees
 KingPin Center: 71.5

Turning Radius - Curb View

C - Curb Contact Length: 16.23
 CI - Curb Clearance Increment: 6.12
 CR - Curb Clearance Radius: 34'1"
 CH - Curb Height: 6"
 TR - Turning Radius: 33'7"
 TW - Tire Width: 11.60



* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

ENGINE, DIESEL (0012NUT)
ATTACHMENTS: NONE

<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
Max Vehicle Speed	71	MPH
Max Eng Speed w/Vehicle Speed Fault	2400	N/A
IDLE Shutdown Timer Mode	OFF	N/A
IDLE Shutdown Time	5	MIN
Cruise Control - MIN Vehicle Speed	35	MPH
Cruise Control - MAX Vehicle Speed	71	MPH
Retarder Mode	EXH-LTCH	N/A
Service Interval - Enable	OFF	N/A
Service Interval - Distance	12000	MILES
Service Interval - Run Time	450.0	HOURS
Service Interval - Fuel Used	1500	GALLONS
PTO - MAX Vehicle Speed	5	MPH
PTO - Vehicle Speed Override	AFFCTRPS	N/A
PTO - MAX Engine Speed	2200	RPM
PTO - Ramp Rate	100	RPM/SEC
PTO - PRESET 1	1000	RPM
PTO - PRESET 2	1500	RPM
PTO - Disable IN-CAB Interface	NO	N/A
PTO - Driveline Mode	NEUTRLOP	N/A
Remote Pedal - Enable	NO	N/A
Remote Pedal - Return To 0 Required	RTZ-NOT	N/A
Remote Pedal - IN-CAB override	AFFCTRPS	N/A
Remote Pedal - Driveline Override	AFFCTRPS	N/A
Customer Password	0000	N/A

These Electronic Parameters have not been finalized