RUSH TRK CTR OF IL **Job Number : 308360**

Market/Application/Mission

Country Of Use: UNITED STATES
Market: USA
Vehicle Type: TRUCK
Application Family: Recovery
Application Name: Roll-Back (Recovery)
GVWR(Calc): 25500
GCWR(Rqst): N/A **GCWR(Calc):** 26000
Start/Grade Ability: 27.17% / 1.92% @ 55 MPH

Dimensions

Wheelbase: 250.0
Axle To Frame(AF): 75.0
Rear Axle Ratio(s): 4.63
Front Axle Ratio(s):

Feature Information

0001ANA	AXLE CONFIGURATION , 4x2
0001CAD	FRAME RAILS , High Strength Low Alloy Steel (80,000 PSI Yield); 10.250" x 3.092" x 0.375" (260.4mm x 78.5mm x 9.5mm); 455.0" (11557mm) Maximum OAL
0001LEG	LICENSE PLATE HOLDER , Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper
0001LNN	BUMPER, FRONT , Contoured, Steel, Chrome Plated
0001WEJ	WHEELBASE RANGE , 199" (505cm) Through and Including 254" (645cm)
0001570	TOW HOOK, FRONT , (2) Frame Mounted
0002ATK	AXLE, FRONT NON-DRIVING , {Meritor MFS-08-153B} I-Beam Type, 8,000-lb Capacity
0003ADA	SUSPENSION, FRONT, SPRING , Parabolic Taper Leaf, Shackle Type, 8,000-lb Capacity, with Shock Absorbers
0004AZA	AIR BRAKE ABS , {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System
0004EDN	AIR DRYER , {Bendix AD-9SI} with Heater, Includes Safety Valve
0004EXP	BRAKE CHAMBERS, FRONT AXLE , {Bendix} 20 SqIn
0004EXU	BRAKE CHAMBERS, REAR AXLE , {Bendix EverSure} 30/30 SqIn Spring Brake
0004GBM	BRAKE, PARKING , Manual Push-Pull Pneumatic Parking Brake
0004LAA	SLACK ADJUSTERS, FRONT , {Haldex} Automatic
0004LGA	SLACK ADJUSTERS, REAR , {Haldex} Automatic
0004SPA	AIR COMPRESSOR , {Cummins} 18.7 CFM

RUSH TRK CTR OF IL **Job Number : 308360**

0004VLE	AIR DRYER LOCATION , Mounted Inside Engine Compartment, Right Side
0004XDC	BRAKES, FRONT , {Meritor 15X4 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, DoubleAnchor Pin, Size 15" X 4", 13,200-lb Capacity
0004XDR	BRAKES, REAR , {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
0004XEZ	AIR TANK LOCATION , (2) Mounted Between the Rails, Back of Cab, One on Each Side, Parallel to Rails
0004091	BRAKE SYSTEM, AIR , Dual System for Straight Truck Applications
0004722	DRAIN VALVE , {Bendix DV-2} Automatic, with Heater, for Air Tank
0005CBE	STEERING WHEEL , 4-Spoke; 18" Dia., Black Leather Wrapped
0005PRG	STEERING GEAR , {TRW TAS40} Power
0005710	STEERING COLUMN , Tilting and Telescoping
0006DGA	DRIVELINE SYSTEM , {Dana Spicer} SPL100, for 4x2/6x2
0007BME	EXHAUST SYSTEM , Horizontal Aftertreatment System, Frame Mounted Under Right Rail Back of Cab, Includes Single Short Horizontal Tail Pipe
0007SCP	ENGINE EXHAUST BRAKE , for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger
0008GXD	ALTERNATOR , {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense
0008HAB	BODY BUILDER WIRING , Back of Day Cab at Left Frame or Under Sleeper, 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
0008MSG	BATTERY SYSTEM , {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud
0008RMH	BATTERY DISCONNECT SWITCH , {Cole-Hersee 75920-06} 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Battery Box Mounted
0008RMZ	SPEAKERS , (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars
0008RPB	RADIO, STEERING WHEEL CONTROLS , Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect
0008RPR	ANTENNA , for Increased Roof Clearance Applications
0008RPS	RADIO , AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
0008WGL	WINDSHIELD WIPER SPD CONTROL , Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
0008WPZ	TEST EXTERIOR LIGHTS , Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
0008WRB	HEADLIGHTS ON W/WIPERS , Headlights Will Automatically Turn On if Windshield Wipers are Turned On
0008WWJ	INDICATOR, LOW COOLANT LEVEL , with Audible Alarm
0008XAH	CIRCUIT BREAKERS , Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
0008XHN	HORN, AIR , Single Trumpet, Black, with Lanyard Pull Cord
0008XKL	STARTING MOTOR , {Mitsubishi Electric Automotive America 90P47} 12-Volt, with Soft-Start
0008XMB	CONNECTOR, DASH, CENTER PANEL , Cab Wiring for TMC RP1226 Vehicle Accessory Connector; Includes 14-pin Connectorwith Switched Power, Battery Power, Ignition Power, Ground & Body 250K Datalink, Connector Located Behind Instrument Panel Center Console
0008XMP	BATTERY BOX , Steel, with Plastic Cover, 14" Wide, 2-3 Battery Capacity, Mounted Left Side, 12" Back of Cab
0008XPA	HEADLIGHTS , LED, with Daytime Running Lights, Automatic Twilight Controlled
0008XPP	USB PORT , Two USB-A Ports and Two USB-C Ports, Located in Instrument Panel
0008000	ELECTRICAL SYSTEM , 12-Volt, Standard Equipment
0008518	CIGAR LIGHTER , Includes Ash Cup
0008540	HORN, ELECTRIC , (2) Trumpet Style
0008718	POWER SOURCE , Cigar Type Receptacle without Plug and Cord
0009AAB	LOGOS EXTERIOR , Model Badges
0009AAE	LOGOS EXTERIOR, ENGINE , Badges
0009HCY	GRILLE , Molded in Black, with Chrome Surround
0009WBN	FENDER EXTENSIONS , Painted
0009WBW	FRONT END , Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
0010AGB	CONNECTED PLATFORM , Includes Connectivity Module and Five Year Data Plan
0010UAV	VEHICLE REGISTRATION IDENTITY , ID for Non-CARB Omnibus and/or Non-ACT Adopting State or Exempt Vehicle. Not foruse on vehicles registering in CA. Contains non-mitigated legacy engine & cannot be registered in CA unless exempt. You may be held liable under state law for failure to properly register vehicle.
0010WUE	MUD FLAPS, FRONT WHEELS , (2) Rubber, Mounted on Fender Extension
0010060	PAINT SCHEMATIC, PT-1 , Single Color, Design 100

RUSH TRK CTR OF IL **Job Number : 308360**

0010761	PAINT TYPE , Base Coat/Clear Coat, 1-2 Tone
0011001	CLUTCH , Omit Item (Clutch & Control)
0012EMZ	VENDOR WARRANTY, ENGINE , {Cummins} B6.7 Engine, 3-Year Unlimited Miles Standard Warranty
0012EXX	ENGINE, DIESEL , {Cummins B6.7 300} EPA 2024, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600RPM Governed Speed, 300 Peak HP (Max)
0012TSY	FAN DRIVE , {Borg-Warner SA85} Viscous Type, Screw On
0012VCE	AIR CLEANER , Single Element, Fire Retardant Media
0012VKM	EMISSION, CALENDAR YEAR , {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2026
0012VXU	THROTTLE, HAND CONTROL , Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel
0012WPV	OIL PAN , 15 Quart Capacity, For Cummins ISB/B6.7 Engines
0012WVG	EPA IDLE COMPLIANCE , Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
0012WZJ	CARB IDLE COMPLIANCE , Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door
0012WZX	CARB EMISSION WARR COMPLIANCE , for Cummins B6.7 Engines
0012XBM	ENGINE CONTROL, REMOTE MOUNTED , Provision for; Includes Wiring for Body Builder Installation of PTO Controls andStarter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines
0012XCE	RADIATOR , Aluminum, 3-Row, Down Flow, Front to Back System, 738 SqIn Louvered, with 477 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
0012703	ANTI-FREEZE , Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
0012849	BLOCK HEATER, ENGINE , 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines
0013BBA	TRANSMISSION, AUTOMATIC , {Allison 2200 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 26,000-lb GVW and GCW Max, On/Off Highway
0013WLN	TRANSMISSION OIL , Synthetic; 20 thru 28 Pints
0013WVS	TRANSMISSION SHIFT CONTROL , T-Handle
0013WVV	NEUTRAL AT STOP , Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
0013WYY	SHIFT CONTROL PARAMETERS , {Allison} 1000 or 2000 Series Transmissions, Performance Programming
0013XAL	PTO LOCATION , Customer Intends to Install PTO at Left Side of Transmission
0014ANR	AXLE, REAR, SINGLE , {Meritor MS-17-14X-3DCL} Single Reduction, 17,500-lb Capacity, Driver ControlledLocking Differential, 190 Wheel Ends
0014TDU	SUSPENSION, REAR, AIR, SINGLE , {International IROS} 20,000-lb Capacity, 9.25" Ride Height, with Shock AbsorbersMounted Outside the Rails
0014899	SUSPENSION AIR CONTROL VALVE , Pressure Release Control In Cab
0015BAA	DEF TANK COVER , Stainless Steel
0015DYU	FUEL TANK , (2) Top Draw, Polished Aluminum, D-Style, 16" Tank Depth, 40 US Gal (151L) LeftSide; 50 US Gal (189L) Right Side; Total Capacity 90 US Gal (340L), Mounted Left and Right Side, Under Cab
0015LMN	FUEL/WATER SEPARATOR , {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor
0015LRE	LOCATION FUEL/WATER SEPARATOR , Mounted Under Hood, Left Side, Above Front Axle
0015WDG	DEF TANK , 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab
0015960	FUEL TANK STRAPS , Bright Finish Stainless Steel, for Dual Fuel Tanks
0016BAM	AIR CONDITIONER , with Integral Heater and Defroster
0016CAB	CAB , Conventional, Extended
0016GEG	GAUGE CLUSTER , Premium Level; English with English Electronic Speedometer
0016HGH	GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission
0016HKT	IP CLUSTER DISPLAY , On Board Diagnostics Display of Fault Codes in Gauge Cluster
0016KDB	SEAT, PASSENGER , {National 2000 195} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 8" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 6-23 Degree Back Angle Adjust
0016KZW	SEAT, DRIVER , {National 2000 195} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 8" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 6-23 Degree Angle Back Adjust
0016SMV	SEAT, REAR , {National} BENCH; Full Width; Vinyl, with Fixed Mid Back
0016SNV	MIRRORS , (2) Aero Pedestal, Power Adjust, Heated, Turn Signals, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width
0016VKL	CAB INTERIOR TRIM , Diamond, for Extended Cab

0016VLK	CAB REAR SUSPENSION , Air Suspension, for Mid Cab Height
0016WBY	ARM REST, RIGHT, DRIVER SEAT ,
0016WBZ	ARM REST, LEFT, PASSENGER SEAT ,
0016WJU	WINDOW, POWER , (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
0016WKZ	KEYLESS ENTRY SYSTEM REMOTE , with Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)
0016XJN	INSTRUMENT PANEL , Flat Panel
0016XTK	ACCESS, CAB , Bright Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with DayCab or Extended Cab
0016XWE	SUNSHADE, EXTERIOR , Bright Finish, with Integral Clearance/Marker Lights
0027DWT	WHEELS, FRONT , {Accuride 43644} DISC; 22.5x8.25 Rims, Extra Polish Aluminum, 10-Stud, 285.75mmBC, Hub-Piloted, Flanged Nut, with Steel Hubs
0028DWT	WHEELS, REAR , {Accuride 43644} DUAL DISC; 22.5x8.25 Rims, Extra Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
0029BAG	WHEEL, REAR, IDENTITY , Replace Inner Aluminum Wheels on Rear Duals with the Equivalent Steel Wheels - For Use with Hub Piloted Wheels Only
0040NSG	CARB COMPANION PLAN , for CARB B6.7 and L9 Engines
0040TUN	SRV CONTRACT, EXT ALLISON XMSN , {Allison} To 84-Month/Unlimited Miles/km, for Allison 2200 RDS with Utility or Other Vocations (ST08, ST17-ST22, TT01, TT02, TT05, AG04, SP01, SP03-SP05)
0040ZCN	SRV CONT, EXT CUMMINS ENG/AFTR , {Cummins} To 60-Month/300,000 Miles (480,000 km), Extended Cummins B6.7 Engine Coverage, Protection Plan 1 and Aftertreatment, (Truck Application Only) << For Use with CARB Emission Warranty >>
0040129	WARRANTY , Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A
0060AAA	BDY INTG, REMOTE POWER MODULE , Mounted Under Cab or On Battery Box, Up to 6 Outputs & 6 Inputs, Max 20 amp perChannel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches
0060ABE	BDY INTG, PTO ACCOMMODATION , for Electric over Hydraulic PTO, Does Not Include Solenoids, with Latched SwitchMounted on Dash Includes Audible Alarm and Indicator Light in Gauge Cluster (Requires 1 Remote Power Module input & 1 output)
0060ABM	BDY INTG, RPM I/O HARNESS , Includes a Harness with Six Input Blunt Cut Wires and Six Output Blunt Cut Wires, for use with one RPM
0060AJE	BDY INTG, THROTTLE CONTROL , Accommodation for On Demand Engine Speed for Single Customer Mounted Pressure Switch, Programmable Mode for Various Switch Actions, Useable Only While Vehicle is Stopped and the Park Brake is Applied (requires 1 Remote Power Module input)
0060AKL	BDY INTG, HEADLIGHTS, WIG WAG , High Beam Wig Wag with Park Brake Interlock, Park Brake Disables High Beam Wig Wag, Enables Low Beam Wig Wag

Tires

07752525406	(4) TIRES, REAR 255/70R22.5 Load Range H HDR (CONTINENTAL), 565 rev/mile, 81 MPH, Drive
07752525421	(2) TIRES, FRONT 255/70R22.5 Load Range H HSR2 SA (CONTINENTAL), 565 rev/mile, 75 MPH, All-Position

Paint

CAB	Schematic: 100WP S 0001 canyon black

Parameters

0012EXX ENGINE, DIESEL , {Cummins B6.7 300} EPA 2024, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600RPM Governed Speed, 300 Peak HP (Max)

Max Accelerator Vehicle Speed	75 MPH
Road Speed Governor Upper Droop	3 MPH
Road Speed Governor Lower Droop	0.0 MPH
Max Engine Speed No Veh Speed Sensr	1968 RPM
Idle Speed Adjustment Enable	Y
Low Idle Speed	750 RPM
Idle Shutdown Enable	N
ISD Time Before Shutdown	60.0 MIN
ISD Percent Engine Loading	100 %

ISD In PTO	N
ISD Manual Override	N
ISD With Parking Brake Set	N
ISD Ambient Temperature Override	N
ISD Cold Ambient Air Temperature	30 F
ISD Intermediate Ambient Air Temp	40 F
ISD Hot Ambient Air Temperature	81 F
ISD Manual Override Inhibit Zone En	N
ISD Hot Ambient Automatic Override	N
ISD Engine Coolant Temp Threshold	53 F
Cruise Control Enable	Y
CC Maximum Vehicle Speed	75 MPH
CC Save Set Speed	N
CC Upper Droop	3.0 MPH
CC Lower Droop	0.0 MPH
CC Auto Resume	N
CC Ovrspd Retard Activation Enable	N
CC Overspeed for Max Retarder	0.0 MPH
CC Overspeed for Min Retarder	0.0 MPH
Retarder - Min Vehicle Speed	0 MPH
Retarder - Delay Time	0.5 SEC
Retarder - Service Brake Activation	N
Remote Accelerator Enable	N
Remote Accelerator Mode	1
PTO Enable	Y
PTO Enable w/ Auto Start Stop	Y
PTO In Cab Mode	Y
PTO In Cab Mode w/Auto Start Stop	Y
Remote PTO Enable	Y
Remote Station PTO Enable	N
PTO Max Engine Speed	1350 RPM
PTO Max Engine Speed w/Auto SS	1350 RPM
PTO Min Engine Speed	500 RPM
PTO Maximum Engine Load	1199 LB-FT
PTO Max Vehicle Speed	10 MPH
PTO Accelerator Override	N
PTO Accel Override Max Engine Speed	1350 RPM
PTO Clutch Override	N
PTO Service Brake Override	Y
PTO Parking Brake Interlock Mode	1
PTO Transmission Neutral Interlock	Y
PTO Eng Spd Limit w/VSS Limit	N
PTO Ignore Vehicle Speed Sensor	N
PTO Resume Switch Speed	1350 RPM
PTO Set Switch Speed	1200 RPM
PTO Additional Switch Speed	900 RPM
PTO Ramp Rate	200 RPM/SEC
Remote PTO Number of Speed Settings	1
Remote PTO Speed Setting 1	950 RPM
Remote PTO Speed Setting 2	950 RPM
Remote PTO Speed Setting 3	950 RPM
Remote PTO Speed Setting 4	950 RPM
Remote PTO Speed Setting 5	950 RPM
Remote Station PTO Resume Sw Spd	950 RPM
Remote Station PTO Set Switch Speed	950 RPM
Remote Station PTO Addition Sw Spd	950 RPM
Transmission Driven PTO	N

RUSH TRK CTR OF IL **Job Number : 308360**

Transmission Driven PTO Type	0
DPF Active Regen in PTO Mode	N
Powertrain Protection Enable	N
Max Torque Allow By Axle/Driveshaft	23602 LB-FT
Max Torque in Top Gear Range	2995 LB-FT
Max Torque in Int. Gear Range	2995 LB-FT
Max Torque in Low Gear Range	2995 LB-FT
Max Torque w/o Vehicle Speed	1475 LB-FT
Lowest Gear of Top Gear Range	2.00
Lowest Gear of Int. Gear Range	3.00
Lowest Gear of Bottom Gear Range	6.00
Lowest Gear of Low Gear Range	6.00
Engine Protection Shutdown	Y
Engine Protection Restart Inhibit	Y
Engine Prot Coolant Level Shutdown	N
Trip Information Vehicle Ovrspeed1	82 MPH
Trip Information Vehicle Ovrspeed2	84 MPH
Maintenance Monitor Enable	N
Maintenance Monitor Operating Mode	0
Maintenance Monitor Alert Percent	90 %
Maintenance Monitor Distance	25000 MILES
Maintenance Monitor Fuel	4500 GALLONS
Maintenance Monitor Time	500 HOURS
Maintenance Monitor Interval Factor	1.0
Master Password	000000
Adjustment Password	000000
Reset Password	000000