*A proposal for*

***Super Products Alamo Group***

*Prepared by*

***TRUCK COUNTRY OF WISCONSIN, INC.***

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**Freightliner 114SD**



Components shown may not reflect all spec'd options and are not to scale

## SPECIFICATION PROPOSAL

|  | **Data Code** |  **Description**  | **Weight Front** | **Weight Rear** |  |
| --- | --- | --- | --- | --- | --- |
| **Price Level** |
|  | PRL-18D | SD PRL-18D (EFF:04/17/18)  |  |  |  |
| **Data Version** |
|  | DRL-008 | SPECPRO21 DATA RELEASE VER 008  |  |  |  |
| **Vehicle Configuration** |
|  | 001-177 | 114SD CONVENTIONAL CHASSIS  | 7,934 | 6,476 |  |
|  | 004-220 | 2020 MODEL YEAR SPECIFIED  |  |  |  |
|  | 002-004 | SET BACK AXLE - TRUCK  | 480 | -480 |  |
|  | 019-002 | STRAIGHT TRUCK PROVISION  |  |  |  |
|  | 003-001 | LH PRIMARY STEERING LOCATION  |  |  |  |
| **General Service** |
|  | AA1-002 | TRUCK CONFIGURATION  |  |  |  |
|  | AA6-001 | DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)  |  |  |  |
|  | A85-010 | UTILITY/REPAIR/MAINTENANCE SERVICE  |  |  |  |
|  | A84-1UT | UTILITY BUSINESS SEGMENT  |  |  |  |
|  | AA4-002 | LIQUID BULK COMMODITY  |  |  |  |
|  | AA5-002 | TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS  |  |  |  |
|  | AB1-008 | MAXIMUM 8% EXPECTED GRADE  |  |  |  |
|  | AB5-001 | SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE  |  |  |  |
|  | 995-1AE | FREIGHTLINER LEVEL II WARRANTY  |  |  |  |
|  | A66-99D | EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs |  |  |  |
|  | A68-99D | EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs |  |  |  |
|  | A63-99D | EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 60000.0 lbs |  |  |  |
| **Truck Service** |
|  | AA3-034 | SEWER/INDUSTRIAL VACUUM BODY  |  |  |  |
|  | AF4-99D | EXPECTED EMPTY BODY WEIGHT : 1350.0 lbs |  |  |  |
|  | A88-99D | EXPECTED TRUCK BODY LENGTH : 1.8 ft |  |  |  |
|  | AE2-99D | EXPECTED TRUCK BODY WIDTH : 89.45 in |  |  |  |
|  | AF3-2AY | SUPER PRODUCTS  |  |  |  |
| **Engine** |
|  | 101-26P | CUM ISX12N 400 HP @ 1800 RPM, 2100 GOV RPM, 1450 LB/FT @ 1200 RPM  | 140 | -30 |  |
| **Electronic Parameters** |
|  | 79A-074 | 74 MPH ROAD SPEED LIMIT  |  |  |  |
|  | 79B-000 | CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT  |  |  |  |
|  | 79K-005 | PTO MODE ENGINE RPM LIMIT - 900 RPM  |  |  |  |
|  | 79P-002 | PTO RPM WITH CRUISE SET SWITCH - 700 RPM  |  |  |  |
|  | 79Q-002 | PTO RPM WITH CRUISE RESUME SWITCH - 700 RPM  |  |  |  |
|  | 79S-001 | PTO MODE CANCEL VEHICLE SPEED - 5 MPH  |  |  |  |
|  | 79U-007 | PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND  |  |  |  |
|  | 79V-001 | FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY  |  |  |  |
|  | 79W-002 | TWO REMOTE PTO SPEEDS  |  |  |  |
|  | 79X-001 | PTO SPEED 1 SETTING - 700 RPM  |  |  |  |
|  | 79Y-001 | PTO SPEED 2 SETTING - 900 RPM  |  |  |  |
|  | 80G-002 | PTO MINIMUM RPM - 700  |  |  |  |
| **Engine Equipment** |
|  | 99C-018 | 2018 AND LATER NATURAL GAS AND LPG ONLY: 2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG17  |  |  |  |
|  | 99D-012 | 2008 CARB EMISSION CERTIFICATION - EXEMPTED VEHICLE; NO CLEAN IDLE LABEL REQUIRED  |  |  |  |
|  | 13E-001 | STANDARD OIL PAN  |  |  |  |
|  | 105-001 | ENGINE MOUNTED OIL CHECK AND FILL  |  |  |  |
|  | 014-1B5 | SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED  |  |  |  |
|  | 124-1DJ | DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE  | 10 |  |  |
|  | 292-235 | (2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES  | -50 | -10 |  |
|  | 290-017 | BATTERY BOX FRAME MOUNTED  |  |  |  |
|  | 281-004 | BATTERY JUMPERS WITH MEGA FUSE JUNCTION BLOCK (MFJB)  | 4 |  |  |
|  | 282-001 | SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB  |  |  |  |
|  | 291-017 | WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN  |  |  |  |
|  | 289-001 | NON-POLISHED BATTERY BOX COVER  |  |  |  |
|  | 87P-998 | NO CAB AUXILIARY POWER WIRING  |  |  |  |
|  | 293-058 | POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT  | 8 |  |  |
|  | 107-032 | CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE  |  |  |  |
|  | 152-041 | ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM  |  |  |  |
|  | 016-103 | SINGLE HORIZONTAL RH CATALYST WITH CAB MOUNTED VERTICAL TAILPIPE  | -160 | -80 |  |
|  | 28F-010 | ENGINE AFTERTREATMENT WIRING, OXYGEN SENSOR  |  |  |  |
|  | 239-014 | 09 FOOT 06 INCH (114 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT  |  |  |  |
|  | 237-1CH | RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED UNDER FRAME  |  |  |  |
|  | 23U-998 | NO DIESEL EXHAUST FLUID TANK  | -60 | -35 |  |
|  | 242-001 | STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD  |  |  |  |
|  | 273-048 | HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE  |  |  |  |
|  | 276-002 | AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED  |  |  |  |
|  | 118-008 | COMBINATION FULL FLOW/BYPASS OIL FILTER  |  |  |  |
|  | 266-057 | 1500 SQUARE INCH ALUMINUM RADIATOR  |  |  |  |
|  | 103-039 | ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT  |  |  |  |
|  | 171-007 | GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT  |  |  |  |
|  | 172-001 | CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES  |  |  |  |
|  | 270-016 | RADIATOR DRAIN VALVE  |  |  |  |
|  | 155-055 | DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH  | -35 |  |  |
| **Transmission** |
|  | 342-1M3 | ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION  | 260 | 100 |  |
| **Transmission Equipment** |
|  | 343-338 | ALLISON VOCATIONAL PACKAGE 222 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS  |  |  |  |
|  | 84B-012 | ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES  |  |  |  |
|  | 84C-023 | PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  |  |  |  |
|  | 84D-023 | SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  |  |  |  |
|  | 84E-013 | S1 PREFORMANCE PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  |  |  |  |
|  | 84F-012 | S1 PERFORMANCE SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  |  |  |  |
|  | 84G-011 | 1950 RPM PRIMARY MODE SHIFT SPEED  |  |  |  |
|  | 84H-011 | 1950 RPM SECONDARY MODE SHIFT SPEED  |  |  |  |
|  | 84N-200 | FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED  |  |  |  |
|  | 84U-000 | DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES  |  |  |  |
|  | 353-038 | MARKER LAMP CONNECTION FOR BODY BUILDERS  |  |  |  |
|  | 34C-001 | ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED  |  |  |  |
|  | 362-807 | CUSTOMER INSTALLED MUNCIE CS41 SERIES PTO  |  |  |  |
|  | 363-001 | PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION  |  |  |  |
|  | 341-018 | MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN  |  |  |  |
|  | 345-003 | PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED  |  |  |  |
|  | 97G-004 | TRANSMISSION PROGNOSTICS - ENABLED 2013  |  |  |  |
|  | 370-011 | WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED  |  |  |  |
|  | 346-003 | TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK  |  |  |  |
|  | 35T-001 | SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)  |  |  |  |
| **Front Axle and Equipment** |
|  | 400-1BB | DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE  | 190 |  |  |
|  | 402-030 | MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES  | 10 |  |  |
|  | 403-002 | NON-ASBESTOS FRONT BRAKE LINING  |  |  |  |
|  | 419-014 | MERITOR STEELLITE X30 FRONT BRAKE DRUMS  | -40 |  |  |
|  | 409-006 | FRONT OIL SEALS  |  |  |  |
|  | 408-001 | VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL  |  |  |  |
|  | 416-022 | STANDARD SPINDLE NUTS FOR ALL AXLES  |  |  |  |
|  | 405-003 | HALDEX AUTOMATIC FRONT SLACK ADJUSTERS  |  |  |  |
|  | 406-001 | STANDARD KING PIN BUSHINGS  |  |  |  |
|  | 536-055 | TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR  | 130 |  |  |
|  | 539-003 | POWER STEERING PUMP  |  |  |  |
|  | 534-003 | 4 QUART POWER STEERING RESERVOIR  |  |  |  |
|  | 533-001 | OIL/AIR POWER STEERING COOLER  |  |  |  |
|  | 40T-001 | ORGANIC SAE 80/90 FRONT AXLE LUBE  |  |  |  |
| **Front Suspension** |
|  | 620-025 | 20,000# TAPERLEAF FRONT SUSPENSION  | 200 |  |  |
|  | 619-004 | GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION  |  |  |  |
|  | 62G-998 | NO FRONT SUSPENSION OPTIONS  |  |  |  |
|  | 410-001 | FRONT SHOCK ABSORBERS  |  |  |  |
| **Rear Axle and Equipment** |
|  | 420-1K3 | MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE  |  | -40 |  |
|  | 421-488 | 4.88 REAR AXLE RATIO  |  |  |  |
|  | 424-003 | IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING  |  | 40 |  |
| \* | 385-005 | DRIVELINE SPACER FOR CUSTOMER FURNISHED EQUIPMENT, TEMPORARILY INSTALLED FOR SHIPPING TO CUSTOMER/TEM  | 40 | 40 |  |
|  | REF SUPER PRODUCTS "CAMEL 1200" WORKSHEET |
|  | 386-074 | MXL 176T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES  | 45 | 45 |  |
|  | 388-073 | MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES  |  |  |  |
|  | 878-019 | (1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES  |  |  |  |
|  | 87A-001 | BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF  |  |  |  |
|  | 423-020 | MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES  |  |  |  |
|  | 433-002 | NON-ASBESTOS REAR BRAKE LINING  |  |  |  |
|  | 434-003 | STANDARD BRAKE CHAMBER LOCATION  |  |  |  |
|  | 451-023 | CONMET CAST IRON REAR BRAKE DRUMS  |  | 20 |  |
|  | 440-006 | REAR OIL SEALS  |  |  |  |
|  | 426-1B3 | BENDIX EVERSURE LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS  |  |  |  |
|  | 428-003 | HALDEX AUTOMATIC REAR SLACK ADJUSTERS  |  |  |  |
|  | 41T-001 | ORGANIC SAE 80/90 REAR AXLE LUBE  |  |  |  |
|  | 42T-001 | STANDARD REAR AXLE BREATHER(S)  |  |  |  |
| **Rear Suspension** |
|  | 622-1CH | HENDRICKSON RT403 @40,000# REAR SUSPENSION  |  | 670 |  |
|  | 621-015 | HENDRICKSON RT/RTE - 6.00" SADDLE  |  |  |  |
|  | 431-001 | STANDARD AXLE SEATS IN AXLE CLAMP GROUP  |  |  |  |
|  | 624-009 | 54 INCH AXLE SPACING  |  | 10 |  |
|  | 628-004 | STEEL BEAMS AND RUBBER CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS  |  |  |  |
|  | 623-005 | FORE/AFT CONTROL RODS  |  |  |  |
| **Brake System** |
|  | 490-100 | WABCO 4S/4M ABS  |  |  |  |
|  | 871-001 | REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES  |  |  |  |
|  | 904-001 | FIBER BRAID PARKING BRAKE HOSE  |  |  |  |
|  | 412-001 | STANDARD BRAKE SYSTEM VALVES  |  |  |  |
|  | 46D-002 | STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM  |  |  |  |
|  | 413-002 | STD U.S. FRONT BRAKE VALVE  |  |  |  |
|  | 432-003 | RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE  |  |  |  |
|  | 480-088 | WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER  |  |  |  |
| \* | 479-005 | AIR DRYER MOUNTED INBOARD ON RH RAIL  |  |  |  |
|  | 479-007 AIR DRYER MTD OUTBOARD ON RH RAIL BOC |
| \* | 460-001 | STEEL AIR BRAKE RESERVOIRS  |  |  |  |
|  | 4300 TRIPLE TANK MTD RH AS FAR FWD AS POSSIBLE. REMAINING TNK MTD RH OUTBD, PARALLEL AND LOWERED 50MM, AS FAR AFT AS POSSIBLE. REF HC9318 (DD ENGINE) |
|  | 477-001 | PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS  |  |  |  |
| **Trailer Connections** |
|  | 335-004 | UPGRADED CHASSIS MULTIPLEXING UNIT  |  |  |  |
| **Wheelbase & Frame** |
|  | 545-695 | 6950MM (274 INCH) WHEELBASE  |  |  |  |
|  | 546-102 | 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI  | 810 | 140 |  |
|  | 547-001 | 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT  | 290 | 460 |  |
|  | 552-017 | 1475MM (58 INCH) REAR FRAME OVERHANG  |  |  |  |
|  | 55W-005 | FRAME OVERHANG RANGE: 51 INCH TO 60 INCH  | 20 | -80 |  |
| \* | 549-036 | 12 INCH INTEGRAL FRONT FRAME EXTENSION  | 80 | -10 |  |
|  | NO BUMPER NOTCH |
|  | AC8-99D | CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 208.05 in |  |  |  |
|  | AE8-99D | CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 176.24 in |  |  |  |
|  | AE4-99D | CALC'D FRAME LENGTH - OVERALL : 389.3  |  |  |  |
|  | FSS-0LH | CALCULATED FRAME SPACE LH SIDE : 181.03 in |  |  |  |
|  | FSS-0RH | CALCULATED FRAME SPACE RH SIDE : 261.79 in |  |  |  |
|  | AM6-99D | CALC'D SPACE AVAILABLE FOR DECKPLATE : 208.45 in |  |  |  |
|  | 553-001 | SQUARE END OF FRAME  |  |  |  |
|  | 550-001 | FRONT CLOSING CROSSMEMBER  |  |  |  |
|  | 559-001 | STANDARD WEIGHT ENGINE CROSSMEMBER  |  |  |  |
|  | 562-001 | STANDARD MIDSHIP #1 CROSSMEMBER(S)  |  |  |  |
|  | 572-001 | STANDARD REARMOST CROSSMEMBER  |  |  |  |
|  | 565-001 | STANDARD SUSPENSION CROSSMEMBER  |  |  |  |
| **Chassis Equipment** |
|  | 556-997 | OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203  | -100 |  |  |
|  | 551-001 | HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS SUSPENSIONS ONLY  |  |  |  |
| \* | 606-125 | DRLG PREP FOR SUPER PRODUCTS PER DWG 002  |  |  |  |
|  | 605-103 | D15-28195-000 CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON TOP FLANGE OF FRAME  |  |  |  |
| **Fuel Tanks** |
|  | 204-998 | NO LH FUEL TANK  | -85 | -20 |  |
|  | 230-818 | DRG PREP AGILITY 60 DGE CNG FUEL TANKS STACKED BOC, 4X16" DIAMETER, 577MM OAL  | 925 | 615 |  |
|  | 231-008 | STACKED TRANSVERSE MOUNTING BACK OF CAB FOR CNG TANKS WITH PAINTED SHIELDING  |  |  |  |
|  | 664-001 | PLAIN STEP FINISH  |  |  |  |
|  | 220-803 | COOLANT HOSES ONLY ROUTED TO BACK OF CAB FOR CUSTOMER INSTALLED NATURAL GAS FUEL HEAT  | 5 |  |  |
|  | 216-803 | CNG INCOMPLETE FUEL LINES FOR TRANSPORT PURPOSES ONLY WITH SINGLE HOSE ROUTED TO LH CHASSIS BACK OF CAB  |  |  |  |
|  | 11F-998 | NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK  |  |  |  |
|  | 202-020 | STAINLESS STEEL AND SYNTHETIC RUBBER FLEXIBLE FUEL LINES - NATURAL GAS SERVICE  |  |  |  |
| **Tires** |
|  | 093-2CC | MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES  | 100 |  |  |
|  | 094-1UX | MICHELIN X MULTI D 11R22.5 14 PLY RADIAL REAR TIRES  |  | 192 |  |
| **Hubs** |
|  | 418-058 | CONMET PRESET PLUS PREMIUM ALUMINUM FRONT HUBS  | -50 |  |  |
|  | 450-060 | CONMET PRESET PLUS PREMIUM IRON REAR HUBS  |  |  |  |
| **Wheels** |
|  | 502-664 | ALCOA ULTRA ONE 89U63X 22.5X9.00 10-HUB PILOT 3.12 INSET 10-HD ALUMINUM FRONT WHEELS  | -44 |  |  |
|  | 505-1F2 | MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS  |  |  |  |
|  | 524-001 | POLISHED FRONT WHEELS; OUTSIDE ONLY  |  |  |  |
|  | 498-009 | WHEEL STUDS FOR CUSTOMER INSTALLED HUB PILOTED DUALED ALUMINUM WHEELS, ALL  |  |  |  |
| **Cab Exterior** |
|  | 829-1A2 | 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  |  |  |  |
|  | 650-008 | AIR CAB MOUNTING  |  |  |  |
|  | 648-002 | NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE  |  |  |  |
|  | 667-004 | FRONT FENDERS SET-BACK AXLE  |  |  |  |
|  | 678-018 | LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT  |  |  |  |
|  | 645-002 | BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL  |  |  |  |
|  | 646-042 | STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS  |  |  |  |
|  | 65X-003 | CHROME HOOD MOUNTED AIR INTAKE GRILLE  |  |  |  |
|  | 644-004 | FIBERGLASS HOOD  |  |  |  |
|  | 690-017 | HOOD LINER, ADDED FIREWALL AND FLOOR HEAT INSULATION  | 5 |  |  |
|  | 727-1AF | SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK  |  |  |  |
|  | 726-001 | SINGLE ELECTRIC HORN  |  |  |  |
|  | 728-001 | SINGLE HORN SHIELD  |  |  |  |
|  | 657-1CV | DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS  |  |  |  |
|  | 575-001 | REAR LICENSE PLATE MOUNT END OF FRAME  |  |  |  |
|  | 312-067 | HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS  |  |  |  |
|  | 302-047 | LED AERODYNAMIC MARKER LIGHTS  |  |  |  |
|  | 311-011 | DAYTIME RUNNING LIGHTS TO ACTIVATE MARKER, CLEARANCE AND TAIL LIGHTS  |  |  |  |
|  | 294-046 | OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME  |  | -5 |  |
|  | 300-015 | STANDARD FRONT TURN SIGNAL LAMPS  |  |  |  |
|  | 469-998 | NO WORK LIGHT  |  |  |  |
|  | 744-1BG | DUAL WEST COAST MOLDED-IN COLOR HEATED MIRRORS  |  |  |  |
|  | 797-001 | DOOR MOUNTED MIRRORS  |  |  |  |
|  | 796-001 | 102 INCH EQUIPMENT WIDTH  |  |  |  |
|  | 743-1AP | LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS M0UNTED UNDER PRIMARY MIRRORS  |  |  |  |
|  | 729-001 | STANDARD SIDE/REAR REFLECTORS  |  |  |  |
|  | 768-043 | 63X14 INCH TINTED REAR WINDOW  |  |  |  |
|  | 661-003 | TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS  |  |  |  |
|  | 654-027 | RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)  | 4 |  |  |
|  | 663-013 | TINTED WINDSHIELD  |  |  |  |
|  | 659-007 | 8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR  |  |  |  |
|  | 647-001 | WHITE WINTERFRONT  | 2 |  |  |
| **Cab Interior** |
|  | 707-1AK | OPAL GRAY VINYL INTERIOR  |  |  |  |
|  | 706-026 | MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR  |  |  |  |
|  | 708-026 | MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR  |  |  |  |
|  | 772-006 | BLACK MATS WITH SINGLE INSULATION  |  |  |  |
|  | 785-004 | DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER  |  |  |  |
|  | 691-008 | FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING  |  |  |  |
|  | 694-010 | IN DASH STORAGE BIN  |  |  |  |
|  | 696-012 | CENTER STORAGE CONSOLE MOUNTED ON BACKWALL  | 20 |  |  |
|  | 742-007 | (2) CUP HOLDERS LH AND RH DASH  |  |  |  |
|  | 680-006 | GRAY/CHARCOAL FLAT DASH  |  |  |  |
|  | 720-003 | 5 LB. FIRE EXTINGUISHER  | 10 |  |  |
|  | 700-002 | HEATER, DEFROSTER AND AIR CONDITIONER  |  |  |  |
|  | 701-001 | STANDARD HVAC DUCTING  |  |  |  |
|  | 703-005 | MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH  |  |  |  |
|  | 170-015 | STANDARD HEATER PLUMBING  |  |  |  |
|  | 130-041 | VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR  |  |  |  |
|  | 702-002 | BINARY CONTROL, R-134A  |  |  |  |
|  | 739-034 | PREMIUM INSULATION  |  |  |  |
|  | 285-013 | SOLID-STATE CIRCUIT PROTECTION AND FUSES  |  |  |  |
|  | 280-007 | 12V NEGATIVE GROUND ELECTRICAL SYSTEM  |  |  |  |
|  | 324-011 | DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF  |  |  |  |
|  | 655-005 | LH AND RH ELECTRIC DOOR LOCKS  |  |  |  |
|  | 284-045 | (2) 12 VOLT POWER RECEPTACLES MOUNTED IN DASH  |  |  |  |
|  | 722-028 | TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB  | 10 |  |  |
|  | 756-1J3 | BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION  | 30 |  |  |
|  | 760-1J3 | BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION  | 25 | 10 |  |
|  | 759-005 | DUAL DRIVER AND PASSENGER SEAT ARMRESTS  | 8 |  |  |
|  | 711-004 | LH AND RH INTEGRAL DOOR PANEL ARMRESTS  |  |  |  |
|  | 758-014 | BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER  |  |  |  |
|  | 761-014 | BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER  |  |  |  |
|  | 763-101 | BLACK SEAT BELTS  |  |  |  |
|  | 532-001 | FIXED STEERING COLUMN  |  |  |  |
|  | 540-015 | 4-SPOKE 18 INCH (450MM) STEERING WHEEL  |  |  |  |
|  | 765-002 | DRIVER AND PASSENGER INTERIOR SUN VISORS  |  |  |  |
|  | 67E-998 | NO ENTRY/ACCESS/STEP WIRING  |  |  |  |
| **Instruments & Controls** |
|  | 732-004 | GRAY DRIVER INSTRUMENT PANEL  |  |  |  |
|  | 734-004 | GRAY CENTER INSTRUMENT PANEL  |  |  |  |
|  | 87L-001 | ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK  |  |  |  |
|  | 870-001 | BLACK GAUGE BEZELS  |  |  |  |
|  | 486-001 | LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM  |  |  |  |
|  | 840-002 | 2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES  |  |  |  |
|  | 198-025 | INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS  |  |  |  |
|  | 149-013 | ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL  |  |  |  |
|  | 156-007 | KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY  |  |  |  |
|  | 811-042 | ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED  |  |  |  |
|  | 160-038 | HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH  |  |  |  |
|  | 844-001 | 2 INCH ELECTRIC FUEL GAUGE  |  |  |  |
|  | 148-073 | ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE  |  |  |  |
|  | 163-001 | ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB  |  |  |  |
|  | 856-001 | ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE  |  |  |  |
|  | 864-001 | 2 INCH TRANSMISSION OIL TEMPERATURE GAUGE  |  |  |  |
|  | 830-017 | ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY  |  |  |  |
|  | 372-051 | CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS  |  |  |  |
|  | 852-002 | ELECTRIC ENGINE OIL PRESSURE GAUGE  |  |  |  |
|  | 679-001 | OVERHEAD INSTRUMENT PANEL  |  |  |  |
|  | 746-1B4 | AM/FM/WB WORLD TUNER RADIO WITH CD PLAYER, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939  | 10 |  |  |
|  | 747-001 | DASH MOUNTED RADIO  |  |  |  |
|  | 750-002 | (2) RADIO SPEAKERS IN CAB  |  |  |  |
|  | 753-001 | AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF  |  |  |  |
|  | 810-027 | ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER  |  |  |  |
|  | 817-001 | STANDARD VEHICLE SPEED SENSOR  |  |  |  |
|  | 812-001 | ELECTRONIC 3000 RPM TACHOMETER  |  |  |  |
|  | 813-998 | NO VEHICLE PERFORMANCE MONITOR  | -5 |  |  |
|  | 162-002 | IGNITION SWITCH CONTROLLED ENGINE STOP  |  |  |  |
|  | 81Y-001 | PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH  |  |  |  |
|  | 836-015 | DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY  |  |  |  |
|  | 660-008 | SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY  |  |  |  |
|  | 304-001 | MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH  |  |  |  |
|  | 882-009 | ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR  |  |  |  |
|  | 299-013 | SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE  |  |  |  |
|  | 298-039 | INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS  |  |  |  |
| **Design** |
|  | 065-000 | PAINT: ONE SOLID COLOR  |  |  |  |
| **Color** |
|  | 980-5F6 | CAB COLOR A: L0006EB WHITE ELITE BC  |  |  |  |
|  | 986-020 | BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT  |  |  |  |
|  | 98K-5F6 | PAINT-FUEL CABINET: L0006EB WHITE ELITE BC  |  |  |  |
|  | 966-972 | POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  |  |  |  |
|  | 963-003 | STANDARD E COAT/UNDERCOATING  |  |  |  |
| **Certification / Compliance** |
|  | 996-001 | U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS  |  |  |  |
| **Secondary Factory Options** |
|  | 99B-025 | SHIP TO AGILITY (SALISBURY, NC) PRIOR TO DELIVERY  |  |  |  |
| **Raw Performance Data** |
|  | AE4-99D | CALC'D FRAME LENGTH - OVERALL : 389.3  |  |  |  |
|  | AE8-99D | CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 176.24 in |  |  |  |
|  | AM6-99D | CALC'D SPACE AVAILABLE FOR DECKPLATE : 208.45 in |  |  |  |
| **Sales Programs** |
|  | RAG-998 | NO TARIFF CHARGE  |  |  |  |

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| **TOTAL VEHICLE SUMMARY** |

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| **Weight Summary** |
|  | **Weight** **Front** | **Weight** **Rear** | **Total** **Weight** |
| Factory Weight+ | 11176 lbs | 8028 lbs | 19204 lbs |
|  |  |  |  |
|  Total Weight+ | 11176 lbs | 8028 lbs | 19204 lbs |

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| **Extended Warranty** |
|  | WAG-010 | TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE $550 CAP FEX APPLIES  |  |
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(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

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| DIMENSIONS |



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| **VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS** |

Model 114SD

Wheelbase (545) 6950MM (274 INCH) WHEELBASE

Rear Frame Overhang (552) 1475MM (58 INCH) REAR FRAME OVERHANG

Fifth Wheel (578) NO FIFTH WHEEL

 Mounting Location (577) NO FIFTH WHEEL LOCATION

 Maximum Forward Position (in) 0

 Maximum Rearward Position (in) 0

 Amount of Slide Travel (in) 0

 Slide Increment (in) 0

 Desired Slide Position (in) 0.0

Cab Size (829) 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

Sleeper (682) NO SLEEPER BOX/SLEEPERCAB

Exhaust System (016) SINGLE HORIZONTAL RH CATALYST WITH CAB MOUNTED VERTICAL TAILPIPE

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| **TABLE SUMMARY - DIMENSIONS** |



Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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| FRAME RBM |

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| **VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM** |

Wheelbase (545) 6950MM (274 INCH) WHEELBASE

Frame Rails (546) 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI(546)

 Yield Strength (psi) 120000

 Section Modulus (per rail) (cu in) 21.6

 RBM (per rail) (lbf-in) 2592000

Inner Frame Reinforcement (547) 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT

Outer Frame Reinforcement (548) NO OUTER FRAME REINFORCEMENT

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| **TABLE SUMMARY - FRAME RBM** |



Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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| TURNING RADIUS |



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| **VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS** |

Model 114SD

Cab Size (829) 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

Wheelbase (545) 6950MM (274 INCH) WHEELBASE

Front Tires (093) MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES

 Width (in) 12.5

Front Axle (400) DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE

 Kingpin Intersection (in) 71

Bumper (556) OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203

 Width (in) 96

 Bumper Miter to Front Axle (in) 48.017

Primary Steering Location (003) LH PRIMARY STEERING LOCATION

Steering Gear (536) TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR

 Dual Steering Gear RCH45

 Ram NONE

Rear Axle (420) MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE

Axle Spacing (624) 54 INCH AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.