*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-030 | SPECPRO21 DATA RELEASE VER 030  |  |  |  |
| **Vehicle Configuration** |
|  | 001-177 | 114SD CONVENTIONAL CHASSIS  | 7,934 | 6,576 |  |
|  | 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  |  |  |  |
|  | 995-1A0 | FREIGHTLINER SD VOCATIONAL WARRANTY  |  |  |  |
|  | A66-99D | EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs |  |  |  |
|  | A68-99D | EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs |  |  |  |
|  | A63-99D | EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 43000.0 lbs |  |  |  |
| **Truck Service** |
|  | AA3-034 | SEWER/INDUSTRIAL VACUUM BODY  |  |  |  |
|  | AF3-2AY | SUPER PRODUCTS  |  |  |  |
| **Engine** |
|  | 101-22V | CUM L9 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM  | -850 | -70 |  |
| **Electronic Parameters** |
|  | 79A-075 | 75 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  |  |  |  |
|  | 80J-001 | REGEN INHIBIT SPEED THRESHOLD - 0 MPH  |  |  |  |
| **Engine Equipment** |
|  | 99C-017 | 2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION  |  |  |  |
|  | 99D-011 | 2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)  |  |  |  |
|  | 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  |  |  |  |
|  | 124-1D7 | DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE  |  |  |  |
|  | 292-208 | (2) DTNA GENUINE, FLOODED STARTING, MIN 2250CCA, 390RC, 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  |  |  |  |
|  | 128-076 | CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH  | 20 |  |  |
|  | 016-1C2 | RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE  | 30 | 25 |  |
|  | 28F-007 | ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH  |  |  |  |
|  | 239-200 | INTEGRATED STACK AND B-PILLAR PIPE WITH MINIMUM STACK PROTRUSION ABOVE CAB  |  |  |  |
|  | 237-1CR | RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP  |  |  |  |
|  | 23U-001 | 6 GALLON DIESEL EXHAUST FLUID TANK  | -35 | -10 |  |
|  | 30N-003 | 100 PERCENT DIESEL EXHAUST FLUID FILL  |  |  |  |
|  | 23Y-002 | DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK  |  |  |  |
|  | 43X-002 | LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION  |  |  |  |
|  | 43Y-001 | STANDARD DIESEL EXHAUST FLUID TANK CAP  |  |  |  |
|  | 242-011 | ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)  |  |  |  |
|  | 273-048 | HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE  |  |  |  |
|  | 276-002 | AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED  |  |  |  |
|  | 110-003 | CUMMINS SPIN ON FUEL FILTER  |  |  |  |
|  | 118-008 | COMBINATION FULL FLOW/BYPASS OIL FILTER  |  |  |  |
|  | 266-017 | 1300 SQUARE INCH ALUMINUM RADIATOR  | -20 |  |  |
|  | 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  |  |  |  |
|  | 138-011 | PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER  | 4 |  |  |
|  | 140-053 | BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR  |  |  |  |
|  | 132-004 | ELECTRIC GRID AIR INTAKE WARMER  |  |  |  |
|  | 155-058 | DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH  | -10 |  |  |
| **Transmission** |
|  | 342-582 | ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION  |  |  |  |
| **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-017 | S5 PERFORMANCE LIMITING PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  |  |  |  |
|  | 84F-016 | S5 PERFORMANCE LIMITING SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  |  |  |  |
|  | 84G-013 | 2100 RPM PRIMARY MODE SHIFT SPEED  |  |  |  |
|  | 84H-013 | 2100 RPM SECONDARY MODE SHIFT SPEED  |  |  |  |
|  | 84L-010 | DISABLE - LOAD BASED SHIFT SCHEDULE, DISABLE - VEHICLE ACCELERATION CONTROL  |  |  |  |
|  | 84N-000 | NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED  |  |  |  |
|  | 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  |  |  |  |
|  | 370-015 | WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK  | -15 |  |  |
|  | 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  | 210 |  |  |
|  | 402-030 | MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES  | 10 |  |  |
|  | 403-002 | NON-ASBESTOS FRONT BRAKE LINING  |  |  |  |
|  | 419-023 | CONMET CAST IRON FRONT BRAKE DRUMS  |  |  |  |
|  | 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** |
|  | 620-006 | 20,000# FLAT LEAF FRONT SUSPENSION  | 310 |  |  |
|  | 619-004 | GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION  |  |  |  |
|  | 410-001 | FRONT SHOCK ABSORBERS  |  |  |  |
| **Rear Axle and Equipment** |
| \* | 420-1U6 | S23-170E 23,000# R-SERIES HIGH ENTRY SINGLE REAR AXLE  |  | -2,270 |  |
|  | 421-538 | 5.38 REAR AXLE RATIO  |  |  |  |
|  | 424-001 | IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING  |  |  |  |
| \* | 385-005 | DRIVELINE SPACER FOR CUSTOMER FURNISHED EQUIPMENT  | 40 | 40 |  |
|  | REFERENCE CAMEL 9YD SPACER WORKSHEET |
|  | 386-073 | MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES  | 20 | 20 |  |
|  | 423-020 | MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES  |  |  |  |
|  | 433-002 | NON-ASBESTOS REAR BRAKE LINING  |  |  |  |
|  | 434-005 | BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS  |  |  |  |
|  | 451-025 | GUNITE HEAVY WEIGHT CAST IRON REAR BRAKE DRUMS  |  | 30 |  |
|  | 440-006 | REAR OIL SEALS  |  |  |  |
|  | 426-1B2 | BENDIX EVERSURE LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS  |  | -20 |  |
|  | 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** |
|  | 622-216 | AIRLINER 23,000# REAR SUSPENSION WITH CHAIN CLEARANCE  |  | 140 |  |
|  | 621-046 | AIRLINER MID POSITION RIDE HEIGHT  |  | 30 |  |
|  | 431-001 | STANDARD AXLE SEATS IN AXLE CLAMP GROUP  |  |  |  |
|  | 888-048 | MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE  |  |  |  |
|  | 87D-006 | INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH  |  |  |  |
|  | 910-001 | SINGLE AIR REAR SUSPENSION LEVELING VALVE  |  |  |  |
|  | 623-002 | TRANSVERSE CONTROL RODS  |  |  |  |
|  | 439-004 | REAR SHOCK ABSORBERS - ONE AXLE (AIR RIDE SUSPENSION)  |  |  |  |
| **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  |  |  |  |
|  | 480-009 | BW AD-9 BRAKE LINE AIR DRYER WITH HEATER  | 20 |  |  |
| \* | 479-006 | AIR DRYER MOUNTED OUTBOARD ON RH RAIL  |  |  |  |
|  | MOUNT AS FAR AFT AS POSSIBLE, FWD OF SUSPENSION REF KP6808 |
| \* | 460-040 | STEEL AIR BRAKE RESERVOIRS MOUNTED PERPENDICULAR TO OUTSIDE RAIL  |  |  |  |
|  | MOUNT AS TIGHT AS POSSIBLE JUST AFT THE EXHAUST. USE 11" PERP TANKS IF THAT HELPS PACKAGING AND/OR ONLY NEEDING TWO TANKS. REF JS6068 |
|  | 607-016 | CLEAR FRAME RAIL FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET LH RAIL INSIDE/OUTBOARD AND BELOW  |  |  |  |
|  | 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** |
|  | 545-547 | 5475MM (216 INCH) WHEELBASE  |  |  |  |
| \* | 546-101 | 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI  | 360 | -50 |  |
|  | 547-001 | 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT  | 200 | 390 |  |
|  | 552-005 | 1850MM (73 INCH) REAR FRAME OVERHANG  |  |  |  |
|  | 55W-007 | FRAME OVERHANG RANGE: 71 INCH TO 80 INCH  | -30 | 120 |  |
| \* | 549-095 | 12 INCH INTEGRAL FRONT FRAME EXTENSION WITH NO BUMPER NOTCH AND 0.25" INSERT  |  |  |  |
|  | AC8-99D | CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 150.05 in |  |  |  |
|  | AE8-99D | CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 147.05 in |  |  |  |
|  | AE4-99D | CALC'D FRAME LENGTH - OVERALL : -9666.29  |  |  |  |
|  | AM6-99D | CALC'D SPACE AVAILABLE FOR DECKPLATE : 150.45 in |  |  |  |
|  | FSS-0LH | CALCULATED FRAME SPACE LH SIDE : 90.11 in |  |  |  |
|  | FSS-0RH | CALCULATED FRAME SPACE RH SIDE : 213.51 in |  |  |  |
|  | 553-001 | SQUARE END OF FRAME  |  |  |  |
|  | 550-001 | FRONT CLOSING CROSSMEMBER  |  |  |  |
|  | 559-001 | STANDARD WEIGHT ENGINE CROSSMEMBER  |  |  |  |
| \* | 562-333 | STANDARD MIDSHIP #1 CROSSMEMBER MOUNTED 835MM (33 INCH) FROM BACK OF CAB  |  |  |  |
| \* | 563-333 | MIDSHIP #2 CROSSMEMBER MOUNTED 850MM (33") FROM MIDSHIP #1  |  |  |  |
|  | 572-001 | STANDARD REARMOST CROSSMEMBER  |  |  |  |
|  | 565-002 | HEAVY DUTY SUSPENSION CROSSMEMBER  |  | 30 |  |
| **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  |  |  |  |
|  | 605-103 | D15-28195-000 CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON TOP FLANGE OF FRAME  |  |  |  |
| **Fuel Tanks** |
|  | 204-152 | 70 GALLON/264 LITER ALUMINUM FUEL TANK - LH  | 5 |  |  |
|  | 218-006 | 25 INCH DIAMETER FUEL TANK(S)  |  |  |  |
|  | 215-005 | PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS  |  |  |  |
|  | 212-007 | FUEL TANK(S) FORWARD  |  |  |  |
|  | 664-001 | PLAIN STEP FINISH  |  |  |  |
|  | 205-001 | FUEL TANK CAP(S)  |  |  |  |
|  | 122-1J1 | DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"  | 10 |  |  |
|  | 216-020 | EQUIFLO INBOARD FUEL SYSTEM  |  |  |  |
|  | 11F-998 | NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK  |  |  |  |
|  | 202-016 | HIGH TEMPERATURE REINFORCED NYLON FUEL LINE  |  |  |  |
| **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  |  | 96 |  |
| **Hubs** |
|  | 418-060 | CONMET PRESET PLUS PREMIUM IRON FRONT HUBS  |  |  |  |
|  | 450-060 | CONMET PRESET PLUS PREMIUM IRON REAR HUBS  |  |  |  |
| **Wheels** |
|  | 502-433 | ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS  | 66 |  |  |
|  | 505-524 | MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS  |  |  |  |
|  | 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  |  |  |  |
|  | 754-017 | BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS  | 10 |  |  |
|  | 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  |  |  |  |
|  | 690-007 | HOOD LINER INSULATION WITH SINGLE FIREWALL INSULATION  |  |  |  |
|  | 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  |  |  |  |
|  | 311-012 | DAYTIME RUNNING LIGHTS - LOW BEAM ONLY  |  |  |  |
|  | 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  |  |  |  |
|  | 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  |  |  |  |
|  | 677-055 | RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER  |  |  |  |
|  | 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  |  |  |  |
|  | 659-019 | 2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED  |  |  |  |
| **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  |  |  |  |
|  | 130-033 | DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR  |  |  |  |
|  | 702-002 | BINARY CONTROL, R-134A  |  |  |  |
|  | 739-033 | STANDARD INSULATION  |  |  |  |
|  | 285-013 | SOLID-STATE CIRCUIT PROTECTION AND FUSES  |  |  |  |
|  | 280-007 | 12V NEGATIVE GROUND ELECTRICAL SYSTEM  |  |  |  |
|  | 324-014 | DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS  |  |  |  |
|  | 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  |  |  |  |
| **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  |  |  |  |
|  | 163-004 | ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT  |  |  |  |
|  | 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  |  |  |  |
|  | 746-115 | AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND 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  |  |  |  |
|  | 962-972 | POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  |  |  |  |
|  | 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  |  |  |  |
| **Sales Programs** |
|  |  | NO SALES PROGRAMS HAVE BEEN SELECTED  |  |  |  |

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| **TOTAL VEHICLE SUMMARY** |

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| **Weight Summary** |
|  | **Weight** **Front** | **Weight** **Rear** | **Total** **Weight** |
| Factory Weight+ | 8973 lbs | 4592 lbs | 13565 lbs |
|  |  |  |  |
|  Total Weight+ | 8973 lbs | 4592 lbs | 13565 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) 5475MM (216 INCH) WHEELBASE

Rear Frame Overhang (552) 1850MM (73 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) RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR 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) 5475MM (216 INCH) WHEELBASE

Frame Rails (546) 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI(546)

 Yield Strength (psi) 120000

 Section Modulus (per rail) (cu in) 16.979

 RBM (per rail) (lbf-in) 2037600

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.