## SPECIFICATION PROPOSAL

|  | | **Data Code** | | **Description** | | **Weight Front** | | **Weight Rear** | |  | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Price Level** | | | | | | | | | | |
|  | PRL-27D | | SD PRL-27D (EFF:MY24 ORDERS) | |  | |  | |  | | |
| **Data Version** | | | | | | | | | | |
|  | DRL-005 | | SPECPRO21 DATA RELEASE VER 005 | |  | |  | |  | | |
| **Vehicle Configuration** | | | | | | | | | | |
|  | 001-176 | | 108SD CONVENTIONAL CHASSIS | | 6,829 | | 3,748 | |  | | |
|  | 004-223 | | 2023 MODEL YEAR SPECIFIED | |  | |  | |  | | |
|  | 002-004 | | SET BACK AXLE - TRUCK | |  | |  | |  | | |
|  | 019-001 | | TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK | | 10 | | 10 | |  | | |
|  | 003-001 | | LH PRIMARY STEERING LOCATION | |  | |  | |  | | |
| **General Service** | | | | | | | | | | |
|  | AA1-003 | | TRUCK/TRAILER CONFIGURATION | |  | |  | |  | | |
|  | AA6-002 | | DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES) | |  | |  | |  | | |
|  | A85-011 | | CONSTRUCTION SERVICE | |  | |  | |  | | |
|  | A84-1GM | | GOVERNMENT BUSINESS SEGMENT | |  | |  | |  | | |
|  | AA4-010 | | DIRT/SAND/ROCK 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 : 16000.0 lbs | |  | |  | |  | | |
|  | A68-99D | | EXPECTED REAR DRIVE AXLE(S) LOAD : 26000.0 lbs | |  | |  | |  | | |
|  | A63-99D | | EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 42000.0 lbs | |  | |  | |  | | |
|  | A70-99D | | EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs | |  | |  | |  | | |
| **Truck Service** | | | | | | | | | | |
|  | AA3-018 | | FRONT PLOW/END DUMP BODY | |  | |  | |  | | |
|  | AF3-1H1 | | ACE TRUCK EQUIPMENT COMPANY | |  | |  | |  | | |
| **Tractor Service** | | | | | | | | | | |
|  | AA2-005 | | FLATBED TRAILER | |  | |  | |  | | |
|  | AH6-001 | | SINGLE (1) TRAILER | |  | |  | |  | | |
| **Engine** | | | | | | | | | | |
|  | 101-21Y | | CUM B6.7 325 HP @ 2400 RPM, 2600 GOV, 750 LB-FT @ 1800 RPM | | -640 | | -30 | |  | | |
| **Electronic Parameters** | | | | | | | | | | |
|  | 79A-072 | | 72 MPH ROAD SPEED LIMIT | |  | |  | |  | | |
|  | 79B-000 | | CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT | |  | |  | |  | | |
|  | 79M-001 | | PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED | |  | |  | |  | | |
|  | 79Q-007 | | PTO RPM WITH CRUISE RESUME SWITCH - 1100 RPM | |  | |  | |  | | |
|  | 79U-007 | | PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND | |  | |  | |  | | |
|  | 80G-999 | | CUSTOM PTO MODE MINIMUM RPM | |  | |  | |  | | |
|  | 80J-001 | | REGEN INHIBIT SPEED THRESHOLD - 0 MPH | |  | |  | |  | | |
| **Engine Equipment** | | | | | | | | | | |
|  | 99C-021 | | 2010 EPA/CARB/GHG21 CONFIGURATION | |  | |  | |  | | |
|  | 99D-010 | | NO 2008 CARB EMISSION CERTIFICATION | |  | |  | |  | | |
|  | 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 | |  | |  | |  | | |
|  | 124-1E1 | | DR 12V 200 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE | |  | |  | |  | | |
|  | 292-235 | | (2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES | |  | |  | |  | | |
|  | 290-017 | | BATTERY BOX FRAME MOUNTED | |  | |  | |  | | |
|  | 281-001 | | STANDARD BATTERY JUMPERS | |  | |  | |  | | |
|  | 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-001 | | CAB AUXILIARY POWER CABLE | | 5 | |  | |  | | |
|  | 107-032 | | CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE | |  | |  | |  | | |
|  | 152-041 | | ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM | |  | |  | |  | | |
|  | 128-076 | | CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF | | 20 | |  | |  | | |
|  | 016-1C2 | | RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE | | 30 | | 25 | |  | | |
|  | 28F-002 | | ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH | |  | |  | |  | | |
|  | 239-020 | | 10 FOOT 00 INCH (120 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT | |  | |  | |  | | |
|  | 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-001 | | STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING | |  | |  | |  | | |
|  | 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) | |  | |  | |  | | |
|  | 273-036 | | BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH | |  | |  | |  | | |
|  | 276-001 | | AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED | |  | |  | |  | | |
|  | 110-003 | | CUMMINS SPIN ON FUEL FILTER | |  | |  | |  | | |
|  | 118-001 | | FULL FLOW OIL FILTER | |  | |  | |  | | |
|  | 266-104 | | 1115 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 | |  | |  | |  | | |
|  | 360-013 | | 1350 ADAPTER FLANGE FOR FRONT PTO PROVISION | | 20 | |  | |  | | |
|  | 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 | |  | |  | |  | | |
| **Transmission** | | | | | | | | | | |
|  | 342-582 | | ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION | |  | |  | |  | | |
| **Transmission Equipment** | | | | | | | | | | |
|  | 343-339 | | ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV | |  | |  | |  | | |
|  | 84B-002 | | ALLISON VOCATIONAL RATING FOR CONCRETE MIXER APPLICATIONS ONLY AVAILABLE WITH 3000 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-000 | | PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | |  | |  | |  | | |
|  | 84F-000 | | SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | |  | |  | |  | | |
|  | 84G-000 | | PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | |  | |  | |  | | |
|  | 84H-000 | | SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | |  | |  | |  | | |
|  | 84N-200 | | FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED | |  | |  | |  | | |
|  | 84U-000 | | DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES | |  | |  | |  | | |
|  | 84V-001 | | DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS | |  | |  | |  | | |
|  | 353-065 | | VEHICLE INTERFACE WIRING CONNECTOR WITH BLUNT CUTS, AT BACK OF CAB | |  | |  | |  | | |
|  | 34C-001 | | ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED | |  | |  | |  | | |
|  | 341-018 | | MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN | |  | |  | |  | | |
|  | 345-037 | | ELECTRONIC CONTROL T-HANDLE SHIFT LEVER, DASH MOUNTED | |  | |  | |  | | |
|  | 97G-004 | | TRANSMISSION PROGNOSTICS - ENABLED 2013 | |  | |  | |  | | |
|  | 370-015 | | WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK | |  | |  | |  | | |
|  | 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 | |  | |  | | |
|  | 402-1B1 | | MERITOR EX-L AIR DISC FRONT BRAKES | |  | |  | |  | | |
|  | 403-002 | | NON-ASBESTOS FRONT BRAKE LINING | |  | |  | |  | | |
|  | 419-004 | | FRONT DISC BRAKE ROTORS | |  | |  | |  | | |
|  | 427-001 | | FRONT BRAKE DUST SHIELDS | | 5 | |  | |  | | |
|  | 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 | |  | |  | |  | | |
|  | 405-030 | | FRONT AIR DISC BRAKE INTERNAL 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 | | MINERAL 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** | | | | | | | | | | |
|  | 420-022 | | RS-26-185 26,000# T-SERIES SINGLE REAR AXLE | |  | | 255 | |  | | |
|  | 421-489 | | 4.89 REAR AXLE RATIO | |  | |  | |  | | |
|  | 424-001 | | IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING | |  | |  | |  | | |
|  | 386-073 | | MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES | | 40 | | 40 | |  | | |
|  | 452-001 | | DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE | |  | | 20 | |  | | |
|  | 878-018 | | (1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE | |  | |  | |  | | |
|  | 87B-004 | | BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH | |  | |  | |  | | |
|  | 423-1A4 | | MERITOR EX-L OPTIMIZED AXIAL AIR DISC REAR BRAKES | |  | | -25 | |  | | |
|  | 433-002 | | NON-ASBESTOS REAR BRAKE LINING | |  | |  | |  | | |
|  | 434-011 | | BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) | |  | |  | |  | | |
|  | 451-005 | | REAR DISC BRAKE ROTORS | |  | |  | |  | | |
|  | 425-002 | | REAR BRAKE DUST SHIELDS | |  | | 5 | |  | | |
|  | 440-006 | | REAR OIL SEALS | |  | |  | |  | | |
|  | 426-1AH | | AIR DISC LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS | |  | |  | |  | | |
|  | 428-030 | | REAR AIR DISC BRAKE INTERNAL ADJUSTERS | |  | |  | |  | | |
|  | 41T-001 | | MINERAL SAE 80/90 REAR AXLE LUBE | |  | |  | |  | | |
|  | 42T-001 | | STANDARD REAR AXLE BREATHER(S) | |  | |  | |  | | |
| **Rear Suspension** | | | | | | | | | | |
|  | 622-1DF | | 30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD | |  | | 160 | |  | | |
|  | 621-004 | | SPRING SUSPENSION - 1.50" AXLE SPACER | |  | | 10 | |  | | |
|  | 431-001 | | STANDARD AXLE SEATS IN AXLE CLAMP GROUP | |  | |  | |  | | |
|  | 623-005 | | FORE/AFT CONTROL RODS | |  | |  | |  | | |
| **Brake System** | | | | | | | | | | |
|  | 490-101 | | WABCO 4S/4M ABS WITH TRACTION CONTROL, WITH ATC OFF-ROAD SWITCH | |  | |  | |  | | |
|  | 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 | |  | |  | | |
|  | 479-003 | | AIR DRYER MOUNTED INBOARD ON LH RAIL | |  | |  | |  | | |
|  | 460-007 | | ALUMINUM AIR BRAKE RESERVOIRS | | -10 | | -15 | |  | | |
|  | 477-003 | | BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER - WET TANK | |  | |  | |  | | |
| **Trailer Connections** | | | | | | | | | | |
|  | 914-012 | | AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK WITH 36 INCHES ADDITIONAL LINE END OF FRAME | |  | |  | |  | | |
|  | 296-027 | | PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE | |  | |  | |  | | |
|  | 297-041 | | SAE J560 7-WAY PRIMARY CABLE RECEPTACLE MOUNTED END OF FRAME WITH 36" ADDITIONAL CABLE AT REAR CROSSMEMBER | |  | |  | |  | | |
|  | 335-004 | | UPGRADED CHASSIS MULTIPLEXING UNIT | |  | |  | |  | | |
| **Wheelbase & Frame** | | | | | | | | | | |
|  | 545-575 | | 5750MM (226 INCH) WHEELBASE | |  | |  | |  | | |
|  | 546-100 | | 11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI | | 420 | | -80 | |  | | |
|  | 548-803 | | TEM TO EVALUATE AND INSTALL FRAME RAIL REINFORCEMENT AS NEEDED FOR FRONT FRAME MOUNTED EQUIPMENT | |  | |  | |  | | |
|  | 552-049 | | 2125MM (84 INCH) REAR FRAME OVERHANG | |  | |  | |  | | |
|  | 55W-008 | | FRAME OVERHANG RANGE: 81 INCH TO 90 INCH | | -30 | | 130 | |  | | |
|  | 549-002 | | 24 INCH INTEGRAL FRONT FRAME EXTENSION | | 115 | | -20 | |  | | |
|  | AC8-99D | | CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 160.83 in | |  | |  | |  | | |
|  | AE8-99D | | CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 157.83 in | |  | |  | |  | | |
|  | AE4-99D | | CALC'D FRAME LENGTH - OVERALL : 375.24 in | |  | |  | |  | | |
|  | FSS-0LH | | CALCULATED FRAME SPACE LH SIDE : 100.28 in | |  | |  | |  | | |
|  | FSS-0RH | | CALCULATED FRAME SPACE RH SIDE : 108.18 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 | | -110 | |  | |  | | |
|  | 551-001 | | HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS SUSPENSIONS ONLY | |  | |  | |  | | |
|  | 607-001 | | CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD | |  | |  | |  | | |
| **Fuel Tanks** | | | | | | | | | | |
|  | 204-152 | | 70 GALLON/264 LITER ALUMINUM FUEL TANK - LH | | 5 | |  | |  | | |
|  | 218-006 | | 25 INCH DIAMETER FUEL TANK(S) | |  | |  | |  | | |
|  | 215-007 | | PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS | |  | |  | |  | | |
|  | 212-007 | | FUEL TANK(S) FORWARD | |  | |  | |  | | |
|  | 664-001 | | PLAIN STEP FINISH | |  | |  | |  | | |
|  | 205-001 | | FUEL TANK CAP(S) | |  | |  | |  | | |
|  | 122-1J2 | | DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER | | -5 | |  | |  | | |
|  | 216-020 | | EQUIFLO INBOARD FUEL SYSTEM | |  | |  | |  | | |
|  | 202-016 | | HIGH TEMPERATURE REINFORCED NYLON FUEL LINE | |  | |  | |  | | |
| **Tires** | | | | | | | | | | |
|  | 093-2CC | | MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES | | 100 | |  | |  | | |
|  | 094-1RM | | MICHELIN X WORKS Z 12R22.5 16 PLY RADIAL REAR TIRES | |  | | 152 | |  | | |
| **Hubs** | | | | | | | | | | |
|  | 418-060 | | CONMET PRESET PLUS PREMIUM IRON FRONT HUBS | |  | |  | |  | | |
|  | 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 | |  | |  | | |
|  | 505-356 | | ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM REAR WHEELS | |  | | -56 | |  | | |
|  | 496-011 | | FRONT WHEEL MOUNTING NUTS | |  | |  | |  | | |
|  | 497-011 | | REAR WHEEL MOUNTING NUTS | |  | |  | |  | | |
| **Cab Exterior** | | | | | | | | | | |
|  | 829-1A5 | | 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB | |  | |  | |  | | |
|  | 650-008 | | AIR CAB MOUNTING | |  | |  | |  | | |
|  | 648-002 | | NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE | |  | |  | |  | | |
|  | 667-037 | | SHORT FENDER WITH MUDFLAP | |  | |  | |  | | |
|  | 754-017 | | BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS | | 10 | |  | |  | | |
|  | 678-018 | | LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT | |  | |  | |  | | |
|  | 646-041 | | STATIONARY BLACK GRILLE | |  | |  | |  | | |
|  | 65X-004 | | BLACK HOOD MOUNTED AIR INTAKE GRILLE | |  | |  | |  | | |
|  | 644-004 | | FIBERGLASS HOOD | |  | |  | |  | | |
|  | 727-1AF | | SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK | |  | |  | |  | | |
|  | 726-001 | | SINGLE ELECTRIC HORN | |  | |  | |  | | |
|  | 728-001 | | SINGLE HORN SHIELD | |  | |  | |  | | |
|  | 575-001 | | REAR LICENSE PLATE MOUNT END OF FRAME | |  | |  | |  | | |
|  | 312-068 | | HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS | |  | |  | |  | | |
|  | 302-047 | | LED AERODYNAMIC MARKER LIGHTS | |  | |  | |  | | |
|  | 294-001 | | INTEGRAL STOP/TAIL/BACKUP LIGHTS | |  | |  | |  | | |
|  | 300-015 | | STANDARD FRONT TURN SIGNAL LAMPS | |  | |  | |  | | |
|  | 744-1BC | | DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE | |  | |  | |  | | |
|  | 797-001 | | DOOR MOUNTED MIRRORS | |  | |  | |  | | |
|  | 796-001 | | 102 INCH EQUIPMENT WIDTH | |  | |  | |  | | |
|  | 743-204 | | LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS | |  | |  | |  | | |
|  | 74B-1B4 | | RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS | | 12 | |  | |  | | |
|  | 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 | |  | |  | | |
|  | 663-029 | | 1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD | |  | |  | |  | | |
|  | 659-006 | | 8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR | |  | |  | |  | | |
| **Cab Interior** | | | | | | | | | | |
|  | 707-1AK | | OPAL GRAY VINYL INTERIOR | |  | |  | |  | | |
|  | 706-013 | | MOLDED PLASTIC DOOR PANEL | |  | |  | |  | | |
|  | 708-013 | | MOLDED PLASTIC DOOR PANEL | |  | |  | |  | | |
|  | 772-006 | | BLACK MATS WITH SINGLE INSULATION | |  | |  | |  | | |
|  | 785-998 | | NO DASH MOUNTED ASH TRAYS AND LIGHTER | |  | |  | |  | | |
|  | 691-998 | | NO FORWARD ROOF MOUNTED CONSOLE | | -10 | |  | |  | | |
|  | 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 | |  | |  | |  | | |
|  | 860-004 | | SMART SWITCH EXPANSION MODULE | |  | |  | |  | | |
|  | 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 | |  | |  | |  | | |
|  | 739-033 | | STANDARD 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 | |  | |  | |  | | |
|  | 657-1A0 | | ALL UNIT(S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1013 | |  | |  | |  | | |
|  | 78G-002 | | KEY QUANTITY OF 2 | |  | |  | |  | | |
|  | 655-005 | | LH AND RH ELECTRIC DOOR LOCKS | |  | |  | |  | | |
|  | 284-023 | | (1) 12 VOLT POWER SUPPLY IN DASH | |  | |  | |  | | |
|  | 756-338 | | BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WTIH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION | | 30 | |  | |  | | |
|  | 760-338 | | BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION PASSENGER SEAT WTIH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION | | 25 | | 10 | |  | | |
|  | 759-002 | | INBOARD DRIVER AND PASSENGER SEAT ARMRESTS | |  | |  | |  | | |
|  | 711-004 | | LH AND RH INTEGRAL DOOR PANEL ARMRESTS | |  | |  | |  | | |
|  | 758-036 | | VINYL WITH VINYL INSERT DRIVER SEAT | |  | |  | |  | | |
|  | 761-036 | | VINYL WITH VINYL INSERT PASSENGER SEAT | |  | |  | |  | | |
|  | 763-101 | | BLACK SEAT BELTS | |  | |  | |  | | |
|  | 532-002 | | ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN | | 10 | |  | |  | | |
|  | 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 | |  | |  | |  | | |
|  | 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 | |  | |  | |  | | |
|  | 198-003 | | DASH MOUNTED AIR RESTRICTION INDICATOR WITH 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 | |  | |  | |  | | |
|  | 148-003 | | PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE | |  | |  | |  | | |
|  | 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 | |  | |  | |  | | |
|  | 852-002 | | ELECTRIC ENGINE OIL PRESSURE GAUGE | |  | |  | |  | | |
|  | 679-001 | | OVERHEAD INSTRUMENT PANEL | |  | |  | |  | | |
|  | 35M-001 | | SMARTPLEX HUB MODULE WITH OVERHEAD SWITCH MOUNTING, DRIVER SIDE ONLY (6 SWITCH SLOTS) | | 44 | |  | |  | | |
|  | 746-137 | | AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, 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 | |  | |  | |  | | |
|  | 748-001 | | POWER AND GROUND STUDS IN/UNDER DASH | |  | |  | |  | | |
|  | 810-027 | | ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER | |  | |  | |  | | |
|  | 817-008 | | STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS | |  | |  | |  | | |
|  | 812-001 | | ELECTRONIC 3000 RPM TACHOMETER | |  | |  | |  | | |
|  | 813-1B4 | | VT-HU CONNECTIVITY PLATFORM HARDWARE | |  | |  | |  | | |
|  | 162-002 | | IGNITION SWITCH CONTROLLED ENGINE STOP | |  | |  | |  | | |
|  | 482-001 | | BW TRACTOR PROTECTION VALVE | |  | |  | |  | | |
|  | 883-001 | | TRAILER HAND CONTROL BRAKE VALVE | |  | |  | |  | | |
|  | 836-015 | | DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY | |  | |  | |  | | |
|  | 660-008 | | SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY | |  | |  | |  | | |
|  | 304-038 | | MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND SINGLE CONNECTOR AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS | |  | |  | |  | | |
|  | 882-004 | | TWO 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: L0006EY WHITE ELITE EY | |  | |  | |  | | |
|  | 986-020 | | BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT | |  | |  | |  | | |
|  | 963-003 | | STANDARD E COAT/UNDERCOATING | |  | |  | |  | | |
| **Certification / Compliance** | | | | | | | | | | |
|  | 996-001 | | U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS | |  | |  | |  | | |

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| **TOTAL VEHICLE SUMMARY** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Weight Summary** | | | |
|  | **Weight**  **Front** | **Weight**  **Rear** | **Total**  **Weight** |
| Factory Weight+ | 7534 lbs | 4329 lbs | 11863 lbs |
|  |  |  |  |
| Total Weight+ | 7534 lbs | 4329 lbs | 11863 lbs |

|  |  |  |  |  |
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| **Extended Warranty** | | | | |
|  | WAI-45C | CUM 2017 B6.7: HD1 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM EXTENDED WARRANTY. FEX APPLIES |  |
|  | WBB-512 | TC4: MD MODERATE 7 YEARS/100,000 MILES / 161,000 KM EXTENDED TRUCK COVERAGE. FEX APPLIES |  |
|  | | | |  | | |
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|  | | | |  | | |

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(\*\*\*) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.