


Technical drawing of the Firestorm 2000 fire truck, showing dimensions and component labels. The truck is a side view, facing left. The overall length is 37'-3" (441"). The overall width is 100". The height is 100". The truck features a 120V SHORELINE (LOCATED IN STEP WELL) at the front. The front section includes a 1-1/2" FRONT DISCHARGE, WILBURT LIGHT TOWER W/PAINTED 3-SIDED DEFLECTOR, AIR CONDITIONING, and SUT POWER ARC 210. The middle section includes a SMART POWER 15KW GENERATOR, CORD REEL, and LED TURN ARROW. The rear section includes a 750 GALLON WATER TANK W/30 GALLON FOAM CELL, BREAKER BOX, TWO-TONE PUMP MODULE AND BODY PAINT, and four storage compartments labeled L1, L2, L3, and L4. The truck has two large wheels with WHEEL CHOCKS and a 2" RECEIVER. The overall length is 37'-3" (441"). The overall width is 100". The height is 100". The truck features a 120V SHORELINE (LOCATED IN STEP WELL) at the front. The front section includes a 1-1/2" FRONT DISCHARGE, WILBURT LIGHT TOWER W/PAINTED 3-SIDED DEFLECTOR, AIR CONDITIONING, and SUT POWER ARC 210. The middle section includes a SMART POWER 15KW GENERATOR, CORD REEL, and LED TURN ARROW. The rear section includes a 750 GALLON WATER TANK W/30 GALLON FOAM CELL, BREAKER BOX, TWO-TONE PUMP MODULE AND BODY PAINT, and four storage compartments labeled L1, L2, L3, and L4. The truck has two large wheels with WHEEL CHOCKS and a 2" RECEIVER. The overall length is 37'-3" (441"). The overall width is 100". The height is 100".

Labels and dimensions:

- 1-1/2" FRONT DISCHARGE
- WILBURT LIGHT TOWER W/PAINTED 3-SIDED DEFLECTOR
- AIR CONDITIONING
- SUT POWER ARC 210
- SMART POWER 15KW GENERATOR
- CORD REEL
- LED TURN ARROW
- 750 GALLON WATER TANK W/30 GALLON FOAM CELL
- BREAKER BOX
- TWO-TONE PUMP MODULE AND BODY PAINT
- WHEEL CHOCKS
- 2" RECEIVER
- 120V SHORELINE (LOCATED IN STEP WELL)
- Dimensions: 30", 62", 47", 100", 241", 37'-3", 106", 18", 100"
- Storage compartments: L1, L2, L3, L4

	Sutphen Component Report	HS-5941 Orange Twp.	
		Work Phone Number: 614-554-9103 Home Phone Number: Email amiller@orangetwp.org	Order#: SOB001133

Bill To
Customer: Orange Township Address: 7700 Gooding Blvd Delaware, OH 43015

Ship To
Customer: Orange Township Address: 7700 Gooding Blvd Delaware OH 43015

Comments
Project Coordinator: Mark Clark Sales Person: Andy Herb Revision: Rev-D

Line	Item #	Qty	Item Description/Comments
1		1	**ENG Facility = Dublin
2		1	**ENG Truck Series = CTZ
3	10000215	1	STD WIRING SCHEMATIC
4	10010001	1	CHASSIS, CUSTOM
5		1	Wheelbase = 241"
6		1	**ENG AF Number = 54"
7	25010255	1	FRAME, 10" DOUBLE RAILS, DOMEX, SINGLE AXLE (110K PSI)
8	45010001	1	FRONT TOW EYES, BELOW BUMPER
9	45010015	1	FRONT TOW EYE FINISH, PAINTED
10	46010000	1	REAR TOW EYES
11	40010250	1	STEERING - ROSS TAS-85
12	22010050	1	DRIVE LINE, SPICER, 1810 SERIES
13	23013420	1	ENGINE, CUMMINS ISX 12 500HP DOC-DPF-DEF-SCR OBD

Line	Item #	Qty	Item Description/Comments
14	23030006	1	AIR INTAKE/EMBER SEPARATOR
15	23031176	1	FUEL FILTER/WATER SEPARATOR, PRIMARY, FLEETGUARD FUEL PRO FH230
16	23031220	1	FUEL FILTER, SECONDARY, FLEETGUARD, FF5776
17	47012445	1	TRANSMISSION, ALLISON GEN 5, EVS4000R W/RETARDER
18	23110100	1	***REV-A*** JACOBS ENGINE BRAKE (Customer wants both retarder and Jacob brake)
19	47024050	1	TRANSMISSION COOLER
20	47025000	1	TRANSMISSION FLUID, CASTROL TRANSYND
21	47030000	1	ALLISON TOUCH PAD SHIFTER
22		1	***REV-A*** **ENG Shifter Pad Gearing = 5 Gears Open, 6th Gear Locked, Mode Button For Generator (If Applicable) (Customer is seeking max. torque out of the hole) Chassis to let Mark or Andy know best setup.
23	21021200	1	COOLING SYSTEM
24	21030000	1	FAN CLUTCH
25	21030200	1	RADIATOR COOLANT RECOVERY, PRESSURIZED SYST
26	26010010	1	FUEL TANK, STAINLESS STEEL, 65 GAL
27	26030000	1	***REV-A*** FUEL FILL (Officers side) Engineering looking at this currently no mirrored fuel door
28	26030100	1	FUEL COOLER
29	24040000	1	DIESEL EXHAUST FLUID TANK
30		1	**ENG DEF Access = DEF Door
31	13012120	1	ALTERNATOR, NIEHOFF, 430 AMP
32	15028888	1	SPECIAL Batteries (6) AGM BATTERIES
33		1	**CLAR NOTES, 6 - Interstate AGM-7 batteries.
34	15031700	1	BATTERY JUMPER TERMINALS
35	15031888	1	***REV-C*** SPECIAL ITEM, PRONAUTIC 1250P 12V 50A 3-BANK 100-240VAC CHARGER W/ PFC PRONAUTIC REMOTE PN 63100 Same as HS Euclid HS-5830 (Ship Loose)
36		1	***REV-A*** SPECIAL ITEM, INVERTER VANNER 20-1050-CUL-DC WITH BUILT-IN AUTOMATIC TRANSFER SWITCH

Line	Item #	Qty	Item Description/Comments
37		1	<p>***REV-C***</p> <p>**ENG</p> <p>Inverter will be the primary charger. Inverter to have a built in automatic transfer switch from the Shore line to the inverter also transfer switch to be tied to the following outlets.</p> <p>(1) officers side lower position 4</p> <p>(1) outlets in each side raised roof area</p>
38	15030410	1	120V SHORELINE INLET, MANUAL, HUBBEL #HBL61CM64 (GRAY)
39		1	<p>***REV-A***</p> <p>**ENG Shoreline Inlet Location =</p> <p>Driver's Foot well upper well toward the rear. Move cab tilt handle to lower step section</p>
40		1	**ENG Battery Charger Note: Body Facility to provide/install battery charger & Auto Eject (if applicable)
41	54088888	1	SPECIAL ITEM, 7 ADDITIONAL SHORELINE OUTLETS
42		9	<p>***REV-C***</p> <p>**CLAR NOTES, Additional Shoreline Outlets 4 in cab, L1, R1</p> <p>(1) in Cab EMS / (1) in each side raised roof area / (1) Officer side lower Position 4</p> <p>(1) in each L1,L4-R1,R4, A1 upper Left corner of the body compartments (9) total</p> <p>NEMA # 5-20 for outlets</p>
43	14010527	1	FRONT AXLE, MERITOR MFS-20-133A 23,000 LB.
44	41010217	1	SUSPENSION FRONT 23,000 LBS. 54" LEAF
45	41030100	1	SUSPENSION, ENHANCED SYSTEM
46	43010370	1	FRONT TIRES MICHELIN 425/65R22.5 LRL XFE 22.5 X 12.25 WHEELS
47	14510540	1	REAR AXLE, MERITOR RS-30-185 31,000 LB.
48	14530150	1	TOP SPEED, 60 MPH
49	14530325	1	DRIVER CONTROLLED DIFFERENTIAL LOCK-MERITOR
50	42010025	1	SUSPENSION REAR FIREMAAX 31,000 LBS. AIR RIDE
51	44010380	1	TIRES, REAR, MICHELIN 315/80R22.5 LRL XDY MUD & SNOW 31,000 GVWR
52	42910200	1	TIRE PRESSURE MONITOR, REAL WHEELS, LED
53	44215210	1	WHEELS, ALUM, ALCOA, DURABRITE (max 35K rear)
54	44270100	1	HUB COVERS, FRONT & REAR, POLISHED STS (Single Axle)
55	44270300	1	CHROME LUG NUT CAPS, FRONT & REAR (Single Axle)
56	44271100	1	MUD FLAPS, FRONT (PAIR)
57	44271200	1	MUD FLAPS, REAR (PAIR)
58	16010280	1	BRAKES MERITOR DISC EX225 FRT SCAM 8.625" REAR

Line	Item #	Qty	Item Description/Comments
59	18030000	1	GUARD OVER PARKING BRAKE KNOB
60	18010041	1	AIR BRAKE SYST 4 TANKS WABCO 1200 DRYER
61	18210000	1	ELEC STABILITY CONTROL SYST
62	18110050	1	WABCO 4 CHANNEL ANTI-LOCK BRAKES W/ASR
63	54010000	1	MISCELLANEOUS ITEMS ON CHASSIS
64	11023294	1	CAB TSAL4M 62" 15" RR 1/2
65	11030025	1	CAB CERTIFICATION - STRUCTURAL INTEGRITY
66	11031025	1	CAB TILT SYSTEM W/AIR TURN VALVE
67		1	**ENG Cab Tilt Controls = Driver's Side Pump Panel
68	11031100	1	MANUAL BACK-UP TILT SYSTEM
69	11031350	1	CAB DOORS, FULL LENGTH
70		1	***REV-A*** AUXILIARY CAB STEPS (SET OF 4)
71	11031421	1	CAB DOOR WINDOWS, POWER
72	11031401	1	CAB SIDE WINDOWS, FIXED
73	11031460	1	NO WINDOWS, BACK WALL OF CAB
74	52010010	1	SYNCHRONIZED ELECTRIC INTERMITTENT WIPERS
75	27022000	1	HANDRAILS, CAB, KNURLED STAINLESS STEEL
76	27030600	1	COAT HOOKS FOR GRAB HANDRAILS (4)
77	27030710	1	HANDRAILS, FRONT OF CAB, KNURLED STAINLESS STEEL (PAIR)
78	27030007	1	HANDRAILS, REAR CAB INTERIOR DOOR WINDOW KNURLED STS
79	38010020	1	MIRRORS LANG MEKRA 300 SERIES HEATED & REMOTE
80	11024405	1	RAISED GRILLE, LEVEL STYLE FACADE (ISX)
81	32588888	1	SPECIAL ITEM, CAB STEP LIGHTS TO BE LUMA BAR
82		1	**CLAR NOTES, LUMA BAR H20 LED LIGHTS

Line	Item #	Qty	Item Description/Comments
83	20011500	1	***REV-A*** BUMPER, 30" EXTENSION
84		1	**ENG Siren Speaker Perforations = No Siren Speaker Perforations In Bumper
85		1	***REV-A*** **CLAR NOTES, CUSTOMER WANTS 200' OF 1.75" AND 200' OF 2.5" in the front bumper (Customer approve bumper design)
86	20050320	2	***REV-A*** WINCH RECEIVER, SIDES
87		1	***REV-A*** WINCH RECEIVER, REAR
88	20050395	3	***REV-A*** WIRING FOR WINCH RECEIVER(3)
89	20088888	1	***REV-A*** SPECIAL ITEM, LUMA BAR H20 IN BUMPER (On lid so when open it shines on the troughs)
90	12010500	1	***REV-A*** AIR HORNS, DUAL, GROVER #1510 ROUND
91		1	***REV-A*** **ENG** Air Horns Location: (Thru the Bumper)
92	12030305	1	FOOT SWITCH, DRIVER'S SIDE
93	12030350	1	LANYARD CONTROL FOR AIR HORNS
94	12510110	1	SIREN, WHELEN 295HFS2, REMOTE FLUSH MOUNT
95	12610112	1	***REV-A*** SIREN SPEAKERS, CAST PROD SA4201-6B-A (2) IN GRILLE (As low as possible)
96	12710100	1	SIREN, FEDERAL Q2B, FLUSH GRILLE MOUNT
97	12730305	1	FOOT SWITCH, DRIVER'S SIDE, FOR MECH SIREN
98		1	**ENG** Siren Brake Note Siren Brake Switch For Driver
99	12730350	1	MOMENTARY SWITCH ON DASH, OFFICER'S SIDE, FOR MECH SIREN
100		1	**ENG** Siren Brake Note Siren Brake Switch For Officer
101	12788888	1	SPECIAL ITEM, DEDICTATED Q2B CIRCUIT
102		1	**CLAR NOTES, Dedicated Circuit for Q2B siren. See Paul Snapp
103	32520510	1	***REV-A*** HEADLIGHTS, LED, DUAL STS HOUSINGS
104	48010300	1	WHELEN 400 SERIES LED FRONT TURN SIGNALS (4)
105	32530620	1	CORNERING LIGHTS, WHELEN 600 LED
106	32530500	1	ALTERNATING FLASHER FOR HEADLIGHT

Line	Item #	Qty	Item Description/Comments
107	11035440	1	DIAMONDPLATE CAB ROOF, FULL WIDTH
108	31010287	1	***REV-A*** INTERIOR, MULTISPEC BLACK SPECKLE PAINT W/GRAY-BLACK DURAWEAR
109	11032929	1	DOOR PANEL, FULL STS
110		1	**ENG Reflective Striping Color = #030 Red / White
111		1	**ENG Reflective Striping Verbiage = Orange Twp. Fire Dept.
112	11032958	1	REFLECTIVE MATL, INTERIOR CAB DOORS,
113	31010290	1	CAB INTERIOR FLOOR COVERING, GRAY RUBBERIZED
114	22510100	1	ENGINE ENCLOSURE, FULL SIZE
115	22510530	1	ENGINE ENCLOSURE COVERING, SCORPION BLACK URETHANE BLEND
116	11031680	1	CENTER CONSOLE W/MAP BOOK STORAGE, TOP OF ENGINE ENCLOSURE CHF-4781
117	22610050	1	***REV-A*** ENGINE HOOD LIGHT, LED (1) Officers side Standard location
118	11031512	1	***REV-A*** FLAT SURFACE IN LIEU OF GLOVE BOX
119	30010120	1	INSTRUMENTATION, BEEDE GAUGES W/ CENTER & OVERHEAD CONSOLES
120		1	**ENG Overhead Console Panel's Finish Black Wrinkle
121		1	**ENG Overhead Console Position 1 Master Emer. Front Scene (240 volt) Left Scene (240 volt) Right Scene (240 volt) Rear Scene (240 volt) Left Flood (12 Volt) Right Flood (12 Volt) Rear Flood (12 Volt)
122		1	**ENG Overhead Console Position 2 AMP gauge / Opticom control
123		1	**ENG Overhead Console Position 3 HVAC Controls
124		1	**ENG Overhead Console Position 4 Chassis Indicator Lights
125		1	**ENG Overhead Console Position 5 Blank
126		1	**ENG Overhead Console Position 6 Blank
127		1	**ENG Overhead Console Position 7 Blank
128		1	**ENG Lower Command Console Finish Black Urethane

Line	Item #	Qty	Item Description/Comments
129		1	**ENG Lower Console Panel's Finish Black Wrinkle
130		1	**ENG Lower Console Position 1 Transmission Touchpad Pump Shift
131		1	**Rev-D** **ENG Lower Console Position 2 Jake Brake Jake Brake High/Med/Low Trans Retarder High Idle Siren Brake Differential Lock switch
132		1	**ENG Lower Console Position 3 Traffic Advisor Siren Low 12 Volt Power and USB points
133		1	**ENG Lower Console Position 4 Shoreline outlet
134		1	**ENG Lower Console Position 5 Master Emer. Momentary Siren switch Siren Brake
135	30010700	1	CAB PUMP SHIFT
136	30030050	1	AMMETER Digital Style upper position 2
137	29910000	1	LOAD MANAGER, CLASS-1
138	30031100	1	HIGH IDLE SWITCH
139	30031777	1	12V POWER POINTS, (2) (2) USB Power Point
140		1	**ENG Power Point Location #1: Driver's Side Lower Command Console, Position 3
141		1	**ENG Power Point Location #2: Officer's Side Lower Command Console, Position 3
142		1	**ENG Power Point Location #3: Driver's Side Lower Command Console, Position 3
143		1	**ENG Power Point Location #4: Officer's Side Lower Command Console, Position 3
144		1	12V USB POWER POINTS, (5)
145		1	***REV-A*** SPECIAL ITEM, USB PORTS FOR EACH OF FIVE (5) SCBA SEATS Check with buyer this comes with seats Make sure no extra if it does
146	11040000	1	CAB ACCESSORY FUSE PANEL
147	84541540	1	POWER & GROUND STUDS, UPPER COMMAND CONSOLE
148		1	**ENG Requirements (AMPS) for Power/Ground Studs in Upper Command Console:

Line	Item #	Qty	Item Description/Comments
			One 12-volt 60-amp, direct to the battery, One 12-volt 30-amp controlled by the ignition switch, One 12-volt 125-amp ground
149	84541550	1	POWER & GROUND STUDS, UNDER OFFICER'S SEAT
150		1	**ENG Requirements (AMPS) for Power/Ground Studs Under Officers Seat: One 12-volt 40-amp controlled by the battery switch, One 12-volt 60-amp controlled by the ignition switch, One 12-volt 60-amp, direct to the battery, One 12-volt 100-amp ground
151	30110000	1	VEHICLE DATA RECORDER, AKRON/WELDON
152	33510030	1	INTERIOR CAB LIGHTS, RED/CLEAR LED (2)
153	34010030	1	INTERIOR CREW LIGHTS, RED/CLEAR LED (2)
154	33530650	1	LIGHTS IN CAB DOORS, WHELEN LED500
155		1	**ENG Cab Door Light Color Amber
156	28010750	1	DEFROSTER, HEATER & A/C-SEVERE CLIM (COMPACT)
157	28090003	1	HEAT TO FEET
158	28030500	1	DEFROSTER DUCTWORK, ENTIRE WINDSHIELD
159	11031687	1	TOOL MOUNTING PLATE, 25" x 19.5", TOP OF HEAT/AC UNIT
160	38510400	1	DRIVER'S SEAT, USSC VALOR, AIR RIDE, ABTS
161	38320000	1	HELMET STORED IN COMPARTMENT
162	39010400	1	OFFICER'S SEAT, USSC VALOR, ABTS SCBA
163	39030010	1	OFFICER'S SEAT COMPT, OPEN FRONT
164	38320000	1	HELMET STORED IN COMPARTMENT
165	11031821	1	EMS CABINET, REAR FACING, BEHIND DRIVER
166		1	**ENG EMS Cabinet Note: Springfield to purchase & ship loose (Body Facility to install)
167	39521311	1	CREW SEAT 2, USSC VALOR, ABTS SCBA
168	38320000	1	HELMET STORED IN COMPARTMENT
169	39521710	1	CREW SEAT 3, USSC VALOR, ABTS SCBA FLIP-UP BASE
170	38320000	1	HELMET STORED IN COMPARTMENT

Line	Item #	Qty	Item Description/Comments
171	39521711	1	CREW SEAT 4, USSC VALOR, ABTS SCBA FLIP-UP BASE
172	38320000	1	HELMET STORED IN COMPARTMENT
173	39550100	1	SEAT COLOR, GRAY
174	39610115	4	SCBA BRACKETS, IMMI SMART DOCK(4)
175	38410000	1	SEAT BELT WARNING SYSTEM, AKRON / WELDON
176	39710000	1	CREW SEAT COMPT, SIDE DOORS
177	11031755	1	OVERHEAD STORAGE, FRONT OF 15" RR W/DOORS
178	11031756	1	OVERHEAD STORAGE, REAR OF 15" RR W/DOORS
179		1	**Rev-D** INSTALLATION OF CUSTOMERS 2-WAY RADIO ANTENNA Terminate with 12V power in rear overhead storage
180	84530205	1	INTERCOM, DAVID CLARK - 5 POSITION
181		1	**Rev-D** **ENG Intercom Special Requirements (Radio Interface, Etc.) 5 position. Wireless for driver. All other position are hard wired Control Head location: Layout given to Pumper Finish
182	84560230	1	***REV-A*** CAMERA SYSTEM, FIRE RESEARCH, INVIEW, 360
183		1	**ENG Camera Mounting Location TBD
184		1	**ENG Camera Monitor Mounting Location Above Lower console
185		1	**ENG Camera System Note: Body Facility to provide/install camera system
186	39830100	1	ROLLTEK SIDE CURTAIN AIRBAGS
187	60020400	1	WATEROUS PUMP CSU-2000 GPM SINGLE STAGE
188	60025300	1	GEARBOX, WATEROUS, REAR MOUNTED
189	60026010	1	PUMP PACKING, WATEROUS
190	60031001	1	ZINC ANODES, WATEROUS
191	60035121	1	PUMP TEST, MISTRAS GROUP, INC
192	61510000	1	AUXILIARY COOLER (HEAT EXCHANGER)
193	62010002	1	STAINLESS STEEL PIPING

Line	Item #	Qty	Item Description/Comments
194	66020100	1	3" TANK TO PUMP W/CHECK VALVE
195	61720100	1	VALVE, AKRON HEAVY DUTY
196	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
197	73010201	1	TANK FILL 2"
198	61720100	1	VALVE, AKRON HEAVY DUTY
199	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
200	61020010	1	PRESSURE GOVERNOR, FIRE RESEARCH, IN CONTROL 400-SERIES
201	61210000	1	INTAKE PRESSURE CONTROL, ELKHART 40-20
202	63021100	1	6" MAIN SUCTION, LEFT SIDE
203	63030600	1	WATEROUS MONARCH INTAKE VALVE, ELEC
204	64088888	1	SPECIAL ITEM, MANUAL OVERRIDE FOR MIV
205	63025100	1	6" MAIN SUCTION, RIGHT SIDE
206	63030600	1	WATEROUS MONARCH INTAKE VALVE, ELEC
207	64088888	1	SPECIAL ITEM, MANUAL OVERRIDE FOR MIV
208	65030000	1	**REV-B** ADD 2.5" RIGHT SIDE INLET
209	70525125	1	2.5" DISCHARGE, LEFT - Position 1
210	61720100	1	VALVE, AKRON HEAVY DUTY
211	61770100	1	ACTUATOR, VALVE, SWING HANDLE
212	77021010	1	***REV-A*** Backlighted gauge Innovative Controls Nite-Glo
213	60036010	1	THREADS, NST
214	70525125	1	2.5" DISCHARGE, LEFT - Position 2
215	61720100	1	VALVE, AKRON HEAVY DUTY
216	61770100	1	ACTUATOR, VALVE, SWING HANDLE
217	77021010	1	***REV-A*** Backlighted gauge Innovative Controls Nite-Glo

Line	Item #	Qty	Item Description/Comments
218	60036010	1	THREADS, NST
219	71025130	1	3" DISCHARGE, RIGHT - Position 3
220	61720100	1	VALVE, AKRON HEAVY DUTY
221	78540500	1	***REV-A*** ACTUATOR, VALVE, ELECTRIC, AKRON 9323
222		1	***REV-A*** Backlighted gauge Innovative Controls Nite-Glo
223	60036010	1	THREADS, NST
224	61840260	1	ADAPTER, 3" NST FE X 5" STORZ W/CAP & CHAIN, TFT
225	71025130	1	3" DISCHARGE, RIGHT - Position 4
226	61720100	1	VALVE, AKRON HEAVY DUTY
227	78540500	1	***REV-A*** ACTUATOR, VALVE, ELECTRIC, AKRON 9323
228		1	***REV-A*** Backlighted gauge Innovative Controls Nite-Glo
229	60036010	1	THREADS, NST
230	61840260	1	ADAPTER, 3" NST FE X 5" STORZ W/CAP & CHAIN, TFT
231	70540000	1	1.5" LEFT DISCHARGE WITH 2" PIPING AT PUMP PANEL FOR RUNNING BOARD TROUGH
232	61720100	1	VALVE, AKRON HEAVY DUTY
233	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
234	77021010	1	***REV-A*** Backlighted gauge Innovative Controls Nite-Glo
235	60036010	1	THREADS, NST
236	71530200	1	DISCHARGE 3" VALVE 3" PIPE TO LEFT REAR
237	61720100	1	VALVE, AKRON HEAVY DUTY
238	78540500	1	ACTUATOR, VALVE, ELECTRIC, AKRON 9325 (PRESS & FLOW)
239	60036010	1	THREADS, NST
240	61840150	1	ADAPTER, 3" NST FE X 2.5" NST M W/CAP & CHAIN
241	71830200	1	DISCHARGE 3" VALVE 3" PIPE TO RIGHT REAR

Line	Item #	Qty	Item Description/Comments
242	61720100	1	VALVE, AKRON HEAVY DUTY
243	78540500	1	ACTUATOR, VALVE, ELECTRIC, AKRON 9325 (PRESS & FLOW)
244	60036010	1	THREADS, NST
245		1	***REV-A*** **CLAR NOTES, The Akron Navigator Flowmeters (9323 and 9325) will be color coded from Akron With on screen color bar and valve name programed also the optional color indicators
246	71930900	1	DISCHARGE 3" FRONT/LEFT OF MAIN HOSEBED
247	61720100	1	VALVE, AKRON HEAVY DUTY
248	61770420	1	ACTUATOR, VALVE, ELECTRIC, AKRON 9325 (PRESS & FLOW)
249	60036010	1	THREADS, NST
250	61840150	1	ADAPTER, 3" NST FE X 2.5" NST M W/CAP & CHAIN
251	71988888	1	SPECIAL ITEM, COVER PIPING IN STORAGE AREA
252		1	**CLAR NOTES, cover hosebed pre-connect piping in the storage area in front of the hosebed.
253	72230200	1	DISCHARGE 2.5" TO FRONT BUMPER
254	61720100	1	VALVE, AKRON HEAVY DUTY
255	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
256	77021010	1	***REV-A*** FRC Insight Ultimate Gauge with Backlighting
257	60036010	1	THREADS, NST
258		1	**ENG Front Bumper Swivel Location/Side = Officers Side
259		1	**ENG Front Discharge Swivel Location/Trough = In Trough
260	72288888	1	SPECIAL ITEM, 1.5" FRONT BUMPER DISCHARGE
261		1	VALVE, AKRON HEAVY DUTY
262		1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
263		1	***REV-A*** FRC Insight Ultimate Gauge with Backlighting
264		1	THREADS, NST
265		1	**ENG Front Bumper Swivel Location/Side = Driver's Side

Line	Item #	Qty	Item Description/Comments
266		1	**ENG Front Discharge Swivel Location/Trough = In Trough
267	72530100	1	DECK GUN DISCHARGE 3"
268	61720100	1	VALVE, AKRON HEAVY DUTY
269	78540500	1	ACTUATOR, VALVE, ELECTRIC, AKRON 9325 (PRESS & FLOW)
270	72570100	1	DECK GUN TERMINATION, THREADED
271	72555810	1	TASK FORCE TIPS EXTEND-A-GUN 18"
272	72554700	1	**Rev-C** Dealer Supplied AKRON 3426 DECK PIPE MONITOR W/1.5" TIP & SHAPER
273		1	**CLAR NOTES, Stacked tips and Stream Shaper with Deck gun
274	72810100	1	DELETE STD CROSSLAYS
275	61742000	1	MASTER PUMP DRAIN, MULTIPOINT
276	61730005	11	DRAIN VALVES, INNOVATIVE CONTROLS, LIFT-UP(11)
277	73570720	1	**REV-C** WATEROUS ADVANTUS 6 Foam System Front Discharges for sure Trough discharge for sure 3" Hosebed pre-connect
278	73531425	1	FOAM TANK 30 GALLON BUILT INTO BOOSTER TANK
279		1	**CLAR NOTES Foam system performance as required in NFPA 1901. Performance Testing shall be performed by Mistras and detailed documentation shall be provided At Final
280	74910110	1	***REV-A*** PA SM1 - SIDE MOUNT PUMP PANEL Pump panel access to be as large as possible. Able to remove lower easily
281	74930500	1	PANEL FINISH, BLACK VINYL
282	74931000	1	ESCUTCHEON PLATES
283	74931050	1	COLOR CODING
284		1	**Rev-D** **ENG Color Coding No. 1 Turquoise No. 2 Pink No. 3 Purple No. 4 Black Front Bumper 2-1/2" Green Front Bumper 1-1/2" Red Running board trough Orange Left hosebed pre-connect Blue Left Rear 3" White Right Rear 3" Burgundy Deck gun Gray

Line	Item #	Qty	Item Description/Comments
285	74931100	1	PUMP & FRAMEWORK, PAINTED
286	75088888	1	SPECIAL ITEM, (2) REMOVABLE PANELS ON FRONT OF PUMP HOUSE
287		1	***REV-A*** **CLAR NOTES, TWO (2) REMOVABLE PANELS SHALL BE PROVIDED ON THE FRONT SIDE OF THE PUMP HOUSE. THE PANELS NEED SHALL BE EASILY REMOVABLE FOR SERVICE. See if we can use the pump panel latches to remove panels
288		1	**CLAR NOTES, AS ACCESSIBLE OF PANEL AS POSSIBLE ON DRIVER SIDE
289	75040200	1	TROUGH IN RUNNING BOARD, LEFT SIDE
290		1	***REV-A*** **ENG Specify Hose Type & Capacity Desired for Left Running Board Trough = 100' of 1-3/4"
291		1	**ENG Left Trough Cover = Velcro Straps
292	75040210	1	TROUGH IN RUNNING BOARD, RIGHT SIDE
293		1	**ENG Specify Hose Type & Capacity Desired for Right Running Board Trough = 25' of 5"
294		1	**ENG Right Trough Cover = Velcro Straps
295	75088888	1	***REV-A*** SPECIAL ITEM, Both sides will have Floating Troughs Both as large as possible
296		1	**CLAR NOTES, LIFT UP, DUE TO LONG WB
297	75510210	1	PUMP PANEL LIGHTS, LED STRIPS
298	75530100	1	LIGHT ON OPPOSITE SIDE PUMP PANEL, LED
299	75588888	1	SPECIAL ITEM, LUMA BAR H2O LIGHTS FOR PUMP PANEL
300		1	**CLAR NOTES, Pump Panel Lights shall be Luma bar H2O lights
301	76010105	1	PUMP PANEL GAUGES & CONTROLS
302	60028099	1	SPECIAL Pump Primer TRIDENT AUTO PRIME W/ GAUGE
303		1	**CLAR NOTES, Lift Gauge included.
304	76031960	1	AIR OUTLET, BOTH SIDES OF PUMP PANEL, WITH 25' OF HOSE
305	76031900	1	AIR HORN PUSH BUTTON SWITCH ON PUMP PANEL
306		1	**ENG Air Horn Push Button Location = Best Location
307	76521060	1	***REV-A*** GAUGES, MASTER, INNOVATIVE CONTROLS, 4" Backlighted gauge Innovative Controls Nite-Glo

Line	Item #	Qty	Item Description/Comments
308	77510050	1	GAUGE, WATER LEVEL, INNOVATIVE CONTROLS
309	77532102	1	GAUGE, WATER LEVEL, WHELEN PSTANK LED (2)
310		1	**ENG Whelen Gauge Locations = Drivers Side Dunnage
311		1	**ENG Whelen Gauge Locations = Officers Side Dunnage
312	77540100	1	GAUGE, FOAM LEVEL, INNOVATIVE CONTROLS
313	Special	1	***REV-A*** SPECIAL ITEM, BACK LIT GAUGES
314		1	**CLAR NOTES, Backlighted gauge Innovative Controls Nite-Glo Only needed for non-flowmeter gauges
315	83525000	1	WATER TANK BRAND, UNSPECIFIED
316	83510105	1	WATER TANK, 750 GAL, POLY
317		1	**CLAR NOTES, TANK SHOULD BE AS CLOSE TO 750 GALLONS AS POSSIBLE. IT IS IMPORTANT TO HAVE THE A1 COMPARTMENT WITH THE DEEPER TOP
318		1	SPECIAL Body PA-12 (CUSTOM)
319	80029920	1	STAINLESS STEEL SUBFRAME/UNDERCARRIAGE, PUMPER/TANKER
320	80388888	1	SPECIAL ITEM, A1 LARGER, RECESSED AREA
321		1	**CLAR NOTES, A1 SHALL HAVE THE RECESSED ARE ABOVE THE FRAME RAILS, I BELIEVE NEWARK, OH DID THIS ON THEIR ENGINE RESCUE WE BUILT SEVERAL YEARS AGO. TALK TO CLARK GREEN
322	81165705	1	UNISTRUT TRACK IN COMPTS
323	80220101	1	***REV-A*** COMPT DOORS, AMDOR ROLL-UP, PAINTED Need to check on paint for A-1
324	84530910	1	COMPT LIGHTING, LED LIGHT STRIPS, 2 PER COMPT
325			**ENG COMPARTMENT LIGHTS SHALL BE LUMA-BAR
326	80288888	1	SPECIAL ITEM, 2ND COMPARTMENT IN FRONT FOR AXLE
327	80288888	1	SPECIAL ITEM, BODY SIDES EXTENDED UP
328		1	**ENG THE BODY SIDES TO BE THE SAME HEIGHT AS THE 15"RR AND THE PUMP MODULE
329	81310000	1	HOSEBED, ALUM FLOORING
330		1	**ENG List the Hose Bed Hose Load Req. = 1500' of 5" 500' of 3" 250' of 2.5" 250' of 2.5"

Line	Item #	Qty	Item Description/Comments
331	81410000	1	COVER, VINYL, MAIN HOSE BED
332		1	**ENG Hosebed Cover Color = Black
333		1	**ENG Hosebed Cover Fastener = Bungee With Tabs
334	81330303	1	HOSE BED DIVIDERS, ADJ (3)
335	81332000	2	HOSEBED LIGHTING, LUMA BAR H20 LIGHTS (2)
336	81388888	1	SPECIAL ITEM, HOSEBED BULKHEAD
337	81388888	1	SPECIAL ITEM, TREADPLATE AROUND FILL TOWERS
338		1	**CLAR NOTES, The water tank and foam tank fill towers shall be surrounded by a Aluminum as close to the towers as possible enclosure to help separate them from the upper storage area.
339	81388888	1	SPECIAL ITEM, TREADPLATE DOORS FOR STORAGE AREA IN FRONT OF HOSEBED
340		1	**CLAR NOTES, STORAGE AREA DOORS The storage area directly in front of the main hosebed shall have two lift up tread plate doors. The doors shall cover the entire area.
341	81910100	1	HANDRAILS, KNURLED STS
342	82013100	1	STEPS, ALUM PUMPERS
343	82510000	1	RUB RAILS, ANODIZED ALUM
344	83010050	1	ALUMINUM TREADPLATE
345	80231200	1	4 SCBA CYLINDER COMPTS
346		1	SPECIAL ITEM, CHANGE (2) SCBA COMPTS TO LARGER FIRE EXT. COMPTS
347		1	***REV-A*** **CLAR NOTES, (2) SCBA cyl. Compartments in the Rear axle location and the (2) Fire Extinguisher in the Front of the axle location.
348	88520100	1	SUCTION HOSE, (2) 10' SECT 6" KOCHER LIGHTWEIGHT
349	89988888	1	SPECIAL ITEM, HARD SUCTION STORAGE
350		1	**ENG Suction Hose Location = Rear Body
351	88550300	1	STRAINER NOT PROVIDED
352	89011500	1	ALCO-LITE PEL-24 24'2 SEC & PRL-14 14' ROOF & 10' FOLDING
353	89510200	1	LADDER CHUTE
354		1	**CLAR NOTES, S6 CHUTE, NARROW AS POSSIBLE. NO BACKBOARD STORAGE

Line	Item #	Qty	Item Description/Comments
355	84550199	1	LICENSE PLATE BRACKET - NOT PROVIDED
356	84510100	1	ELECTRICAL DESCRIPTION
357	84520000	1	BACK UP ALARM, ECCO SA917
358	85028888	1	***REV-A*** Tail/Turn/Back-up, Whelen 600, LED, Quad (all to be LED Fully Populated)
359	85110100	1	ICC LIGHTS, LED
360	85130100	1	MARKER LIGHTS, BRITAX, FLEXIBLE, LED (PAIR)
361	85510100	1	STEP LIGHTS, LED, WHELEN LUMA BAR H20 AT PUMP PANEL, LED STRIP FRONT & REAR BODY
362	85728888	1	SPECIAL Ground Lights LUMA BAR H20
363		1	**CLAR NOTES, ALL GROUND LIGHTS TO BE LUMA BAR
364	87010330	3	WARNING LIGHTS, UPPER, WHELEN LED FREEDOM 24" MINI LIGHTBARS
365		1	***REV-A*** **ENG Lightbar Details = Clear Lens (Send Customer layout from Chassis)
366		1	**ENG Upper Warning Lights Note: Springfield to purchase, install, but do not wire (Dublin will wire)
367	87510371	4	**REV-C** WARNING LIGHTS, LOWER, WHELEN 600 SUPER LED (4)
368		1	**ENG Warning Light Color = Red
369		1	**ENG Warning Light Lens Color = Red
370		1	**REV-C** (1) in each side of the warning light housing (1) in each side of the rear body fenders
371	87588888	2	**REV-C** SPECIAL ITEM, (2) POWER ARC PA210 (WHITE) IN PLACE OF 600 ON HEADLIGHT HOUSING
372		1	**ENG Warning Light Locations = POWER ARC PA210 ON SIDE OF HEADLIGHT HOUSING IN PLACE OF WHELEN 600
373	87588888	2	**REV-C** SPECIAL ITEM, (2) POWER ARC MD90SUT-RW
374		1	**ENG Warning Light Locations= ON THE FRONT OF THE CAB WARNING LIGHT HOUSINGS IN PLACE OF WHELEN 600
375		2	**REV-C*** SPECIAL, LED TURN ARROW SIGNALS TO BE LOCATED ON THE BACK OF THE CAB (2)
376	87066000	1	OPTICOM MOUNTED IN LIGHT BAR
377		1	***REV-D*** SPECIAL ITEM, UPGRADE OPTICOM TO 795-H Wired Special Customer to send info. Need to mount Opticom GPS Preempt High Priority Vehicle Kit- series 2000 upper panel 2
378		1	**ENG Opticom Note: Body Facility to provide/install Opticom

Line	Item #	Qty	Item Description/Comments
379	87537731	2	WARNING LIGHTS, WHELEN 600, SUPER LED (PAIR) (2)
380		1	**ENG Warning Light Color = Red
381		1	**ENG Warning Light Lens Color = Red
382		1	***REV-A*** **ENG Warning Light Mnting Location = Body fenders front and rear
383		1	**ENG** Additional 600 LED Warning Lights Note: Body Facility to provide/install Additional 600 LED Warning Lights
384	87040000	1	TRAFFIC ADVISOR, WHELEN LED TAL65 36"
385		1	***REV-A*** **ENG Traffic Advisor Head Mnting Location = Lower position 3
386	87588888	1	SPECIAL ITEM, WHELEN DOMINATOR ABOVE GRILLE
387		1	***REV-A*** **CLAR NOTES, WHELEN DOMINATOR LIGHT ABOVE THE GRILLE Lights to be red
388	86537816	5	***Rev-A*** SCENE LIGHTS, WHELEN M9V2 LED, SURFACE MOUNT (PAIR) (5) Red Upper / White Lower
389		1	***REV-A*** **ENG Light Mounting Location & Switching = (1) each side of cab above fixed window (3) each side of body, (1) each side rear of body Switching Upper Position 1 (12 volt flood lights) To activate when cab doors open all on for that side
390	88230230	1	GENERATOR, SMART POWER, 15KW TM HYD
391	88250425	1	CIRCUIT BREAKER PANEL WITH 16 SPACES FOR BREAKERS
392	88251100	1	BREAKER PANEL, STD LOCATION (L1)
393	88250110	1	240 VOLT OUTLET W/WEATHERPROOF COVER - EACH (1)
394		1	***REV-A*** **ENG Outlet Locations = A-1 next to shore power Need NEMA#
395	88431200	2	HANNAY ECR-1616-17-18 REEL W/200' 10/3 (2)
396		1	**ENG Reel Mounting Location #1 = Drivers Side dunnage
397		1	**ENG Reel Motor Location #1 = Right Rear
398		1	**ENG Reel Mounting Location #2 = Officers Side dunnage
399		1	**ENG Reel Motor Location #2 = Left Rear
400	88432000	2	AKRON FOUR-WAY RECEPTACLE BOX, WIRED TO REEL CABLE (2)

Line	Item #	Qty	Item Description/Comments
401		1	**ENG (4) Main NEMA Numbers Receptacles= (3) L5-15 (1) household
402		1	**ENG Receptacle Box, Hardwired, Pig Tail Or Recessed Plug = Pig Tail
403		1	**ENG Receptacle Box, Cord Reel Pig Tail Nema # = L520
404	88328888	1	***REV-A*** SPECIAL WILBERT LIGHT TOWER POWER LITE 4.5 (6 HEAD / LED) (Customer to approve tower)
405		1	***REV-A*** Light tower shall be provided and installed on the cab roof. The tower shall have six (6) spectra lights on it. The bottom two (2) lights shall be capable of rotating.
406		1	**ENG Light Tower Control Location = L1 Panel Mount control Beacon no
407	88380995	1	***REV-A*** DEFLECTOR, PAINTED, FORWARD & SIDES OF LIGHT TOWER (As low and small as possible)
408	88390802	5	***REV-A*** LIGHT, FR SPECTRA, LED, SURFACE MNT, 15K LUMENS, 240V(5) All black housings,
409			***REV-A*** **CLAR NOTES, (2) each side of hosebed walls, (1) on rear of body Switched upper Position 1 (Scene lights) Make sure lights are mounted to body nothing added to the outside for wiring. Extend into the hosebed area if needed not like Sylvania HS-5805
410	88390820	1	LIGHT, FR SPECTRA, LED, BROW, 20K LUMENS, 240V(1)
411		1	***REV-A*** **CLAR NOTES, black housing, Switched in Upper Position 1
412		1	**Rev-D** SPECIAL INSTALL CUSTOMER SUPPLIED HYD. REELS IN A1
413	89910000	1	CORROSION REDUCTION PROGRAM (SPECS)
414	90010020	1	PAINT SCHEME
415	90030010	1	TWO TONE ENTIRE TRUCK
416		1	**ENG List Special Paint Details = MATCH HS, 4122 & 4123 IMRON RED L 4664X IMRON BLACK 99XALT 2
417	90030154	1	PAINT FRAME RAILS & BODY SUBFRAME -BLACK SST SUBFRAME Painted
418	90030015	1	A/C CONDENSER PAINTED ROOF COLOR
419		1	**ENG Note Paint AC Condenser Color = Truck color
420	90510100	1	LETTERING, NOT PROVIDED
421	90610100	1	DELETE STANDARD SCOTCHLITE STRIPING
422	90680120	1	CHEVRON STRIPING, REAR BODY OUTBOARD, REFLEXITE

Line	Item #	Qty	Item Description/Comments
423		1	**ENG Chevron Striping, Rear Body Color = #030 Red Transparent & #L2 Fluorescent Lime
424		1	***REV-A*** CHEVRON STRIPING, REAR COMPARTMENT DOOR, REFLEXITE
425		1	**ENG Chevron Striping, Rear Body Color = #030 Red Transparent & #L2 Fluorescent Lime
426	91010000	1	MISC EQUIP - (1) PINT TOUCH-UP PAINT, STAINLESS STEEL NUTS & BOLTS
427	91030700	1	ZIAMATIC SAC-44 FOLDING WHEEL CHOCKS MTD W/ SQCH-44H HOLDERS (PAIR)
428		1	**ENG Mounting Locations = Under L2
429	91070508	1	RESCUE TOOL PACKAGE (1)
430		1	**CLAR NOTES, DEALER SUPPLIED EQUIPMENT PACKAGE
431	99010000	1	MANUALS (1-PRINTED & 1-CD) WITH DVD
432	99031105	1	PICK-UP UNIT AT FACTORY
433	99088888	1	SPECIAL ITEM, CUMMINS/ALLISON SOFTWARE
434		1	***REV-A*** PREMIUM 2000 VEHICLE WARRANTY (Dealer Provided)
435	99510000	1	ONE YEAR WARRANTY