

	Sutphen Component Report Dealership: Herb Fire	HS-6205 Concord Twp, OH (PA16)	
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Bill To
Customer: Concord Township (Painesville, OH) Contact: Matt Sabo, Fire Chief Address: 11600 Concord-Hamden Rd Painesville, OH 44077

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Comments
Project Coordinator: Richie Miller Salesperson: Andy Herb Revision: **REV-D**

Line	Item #	Qty	Item Description/Comments
1		1	**ENG Facility = Dublin.
2		1	**ENG Truck Series = Customized Pumper.
3	10000215	1	STD WIRING SCHEMATIC
4	10010001	1	CHASSIS, CUSTOM
5		1	**ENG OAH restriction of 10' - 10".
6	51010310	1	WHEELBASE GREATER THAN 200"
7		1	**ENG Wheelbase = 219".
8		1	**ENG AF Number = 54".
9	25010100	1	FRAME, 10" DOUBLE RAILS, SINGLE AXLE (50K PSI)
10	45010001	1	FRONT TOW EYES, BELOW BUMPER
11	45010015	1	FRONT TOW EYE FINISH, PAINTED
12	46010000	1	REAR TOW EYES
13	40010250	1	STEERING - ROSS TAS-85
14	22010050	1	DRIVE LINE, SPICER, 1810 SERIES

Line	Item #	Qty	Item Description/Comments
15	23013420	1	ENGINE, CUMMINS ISX 12 500HP DOC-DPF-DEF-SCR OBD
16	23030006	1	AIR INTAKE/EMBER SEPARATOR
17	23031176	1	FUEL FILTER/WATER SEPARATOR, PRIMARY, FLEETGUARD FUEL PRO FH230
18	23031220	1	FUEL FILTER, SECONDARY, FLEETGUARD, FF5776
19	23030700	1	ELECTRIC FUEL PRIMER
20	47012440	1	TRANSMISSION, ALLISON GEN 5, EVS4000
21	23110000	1	JACOBS ENGINE BRAKE
22	47024050	1	TRANSMISSION COOLER
23	47025000	1	TRANSMISSION FLUID, CASTROL TRANSYND
24	47030000	1	ALLISON TOUCH PAD SHIFTER
25		1	**ENG Shifter Pad Gearing = 5 gears open, 6th gear locked, mode button for Generator.
26	21021200	1	COOLING SYSTEM
27	21030000	1	FAN CLUTCH
28	21030200	1	RADIATOR COOLANT RECOVERY, PRESSURIZED SYST
29	26010010	1	FUEL TANK, STAINLESS STEEL, 65 GAL
30	26030000	1	FUEL FILL
31	26030100	1	FUEL COOLER
32	24040000	1	DIESEL EXHAUST FLUID TANK
33		1	**ENG DEF Access = DEF Door.
34	24588888	1	**REV-A** SPECIAL ITEM, EXHAUST ADAPTER FOR MANGA GRIP GRABBER SYSTEM
35		1	**ENG The exhaust shall terminate to accept a station mounted Magna Grip exhaust system.
36	13010205	1	ALTERNATOR, LEECE NEVILLE 320 AMP 4962PA
37	15010500	1	BATTERIES, INTERSTATE TYPE 31 MHD (4)
38	15031700	1	BATTERY JUMPER TERMINALS

Line	Item #	Qty	Item Description/Comments
39	15031888	1	SPECIAL BATTERY CHARGER, PRO MARINER 30
40	15030430	1	120V SHORELINE INLET, KUSSMAUL SUPER 20 AUTO EJECT
41		1	**ENG Shoreline Inlet Location = Driver's side of Cab, standard location.
42		1	**ENG Shoreline Cover Color = Red.
43	88250100	2	120V DUPLEX OUTLET WIRED TO SHORELINE INLET (2)
44		1	**ENG Nema Number = 5-20 House Plugs.
45		1	**ENG Outlet Locations = -(1) Duplex located in EMS Cabinet, towards Officer, high, rear corner. -(1) Duplex located in R1 compartment, located on front (right-hand wall), low, half-way to inboard.
46	14010527	1	FRONT AXLE, MERITOR MFS-20-133A 23,000 LB.
47	41010217	1	SUSPENSION FRONT 23,000 LBS. 54" LEAF
48	41030100	1	SUSPENSION, ENHANCED SYSTEM
49	43088888	1	**REV-A** SPECIAL ITEM, FRONT TIRES MICHELIN 425/65R22.5 L MICHELIN XZY3, 22.5 X 12.25 WHEELS
50	14510530	1	REAR AXLE, MERITOR RS-26-185 27,000 LB.
51	14530100	1	TOP SPEED, 68 MPH
52	42010001	1	SUSPENSION REAR REYCO 27,000 LBS. LEAF
53	44010370	1	TIRES, REAR, MICHELIN 12R22.5 LRH XDS MUD & SNOW 24000 - 27,000 GVWR
54	42910200	1	TIRE PRESSURE MONITOR, REAL WHEELS, LED
55	44210000	1	WHEELS, STEEL (max 27K rear)
56	44230210	1	BALANCE STEEL WHEELS, SINGLE AXLE
57	44270100	1	HUB COVERS, FRONT & REAR, POLISHED STS (Single Axle)
58	44270300	1	CHROME LUG NUT CAPS, FRONT & REAR (Single Axle)
59	44271100	1	MUD FLAPS, FRONT (PAIR)
60	44271200	1	MUD FLAPS, REAR (PAIR)
61	16010009	1	BRAKES MERITOR SCAM 6" FRT 7" REAR
62	18010041	1	AIR BRAKE SYST 4 TANKS WABCO 1200 DRYER

Line	Item #	Qty	Item Description/Comments
63	18030150	1	AUXILIARY AIR INLET CONNECTION
64		1	**ENG Air Inlet Location = Standard location in Driver's step well.
65	18033000	1	KUSSMAUL 091-28 AIR EJECT W/FEM COUPLING
66		1	**ENG Air Eject Location = Adjacent to the shoreline auto eject on Driver's side of Cab.
67		1	**ENG Air Eject Cover Color = Red.
68	18220500	1	NO ELEC STABILITY CONTROL SYS
69	18110000	1	WABCO 4 CHANNEL ANTI-LOCK BRAKES
70	53510000	1	COMPRESSION FITTINGS ON AIR SYSTEM (CHASSIS)
71	54010000	1	MISCELLANEOUS ITEMS ON CHASSIS
72	54088888	1	SPECIAL ITEM, SCORPION ON AIR TANKS (MISHAWAKA, IN)
73		1	**ENG Reference HS-5914 Mishawaka, IN.
74	11023250	1	CAB TSAL4E 73" 10" RR 1/2
75	11030025	1	CAB CERTIFICATION - STRUCTURAL INTEGRITY
76	11031025	1	CAB TILT SYSTEM W/AIR TURN VALVE
77		1	**ENG Cab Tilt Controls = Driver's side Pump Panel.
78	11031100	1	MANUAL BACK-UP TILT SYSTEM
79	11031350	1	CAB DOORS, FULL LENGTH
80	31088888	1	SPECIAL ITEM, POCKETS ON LOWER CREW DOORS
81		1	**CLAR NOTES, -Install on each Crew door a pocket to hold (2) EMS glove boxes side-by-side. -Install front panel similar to other glove storage at the top of the door that allows gloves to be pulled out from the front with the box on its side.
82	11031390	1	AUXILIARY CAB STEPS, ALUM, SET OF 4
83	11031421	1	CAB DOOR WINDOWS, POWER
84	11031401	1	CAB SIDE WINDOWS, FIXED
85	11031460	1	NO WINDOWS, BACK WALL OF CAB
86	11030215	1	EXTERIOR COMPTS, SIDE OF EXT CAB, TRANSVERSE 37" H

Line	Item #	Qty	Item Description/Comments
87	52010010	1	SYNCHRONIZED ELECTRIC INTERMITTENT WIPERS
88	27022000	1	HANDRAILS, CAB, KNURLED STAINLESS STEEL
89	27030600	1	COAT HOOKS FOR GRAB HANDRAILS (4)
90	32588888	1	SPECIAL ITEM, ADDITIONAL GRAB HANDLE, EACH SIDE CAB EXTENSION
91		1	**ENG See Shop Order Drawing for placement.
92	27030710	1	HANDRAILS, FRONT OF CAB, KNURLED STAINLESS STEEL (PAIR)
93	27030007	1	HANDRAILS, REAR CAB INTERIOR DOOR WINDOW KNURLED STS
94	38010020	1	MIRRORS LANG MEKRA 300 SERIES HEATED & REMOTE
95	38030205	1	BLIND SPOT MIRROR, VELVAC, ON CAB ROOF
96	11024405	1	RAISED GRILLE, LEVEL STYLE FACADE (X/ISX)
97	32588888	1	SPECIAL ITEM, RED LIGHT THE "S" IN THE GRILL
98	20012220	1	BUMPER, 24" FORMED STEEL CHANNEL, PAINTED
99		1	**ENG Siren Speaker Perforations = No Speaker Perforations in Bumper.
100	20029810	1	**REV-A** BUMPER SIDES, PAINTED STEEL, FLAT (12"-24" EXTENSION)
101	20088888	1	**REV-A** SPECIAL ITEM, BLACK SCORPION TOP OUTSIDE 1" LIP OF BUMPER
102	20040220	1	STORAGE WELL, ALL DEEP COMPTS, FULL WIDTH (24" BUMPER)
103	20030120	1	COVER FOR BUMPER TROUGH, TREADPLATE, 4" RAISE
104		1	**ENG Notch front bumper trough cover for 1.75" hose connected to front discharge.
105	20050300	1	WINCH RECEIVER, FRONT
106	20050320	1	WINCH RECEIVER, SIDES
107	20050310	1	WINCH RECEIVER, REAR
108	20050395	4	WIRING FOR WINCH RECEIVER (4)
109		1	**CLAR NOTES, -(2) Total connections to supply all (4) receivers. -(1) Connection in the bumper trough towards Officer's side. -(1) Connection in the A1 compartment, high, close to rear door, Driver's side wall.
110	20088888	1	**REV-A** SPECIAL ITEM, (5) RUBBER BUMPERS FOR FRONT BUMPER

Line	Item #	Qty	Item Description/Comments
111		1	**CLAR NOTES, -(1) Centered on front face of Bumper. -(1) In each 45 degree corner of front Bumper. -(1) On each side just outboard of Air Horns – see Shop Order Drawing.
112	12010500	1	AIR HORNS, DUAL, GROVER #2040 RECTANGULAR
113		1	**ENG Air Horns Location: Inboard in Bumper.
114	12030350	1	LANYARD CONTROL FOR AIR HORNS
115	12510110	1	ELEC SIREN, WHELEN 295HFS2, REMOTE FLUSH MOUNT
116	12620200	1	SIREN SPEAKER, 100W, WHELEN, SA314B
117	12670110	1	SIREN SPEAKER(S) INSTALLED BEHIND CAB GRILLE
118	12710100	1	SIREN, FEDERAL Q2B, FLUSH GRILLE MOUNT
119	12730205	1	MECH SIREN WIRED TO STEERING WHEEL BUTTON
120		1	**ENG Siren Brake Switch for Driver.
121	12730350	1	MOMENTARY SWITCH ON DASH, OFFICER'S SIDE, FOR MECH SIREN
122		1	**ENG Siren Brake Switch for Officer.
123	32520520	1	**REV-A** HEADLIGHTS, LED, FIRETECH FT-4X6, DUAL STS HOUSINGS
124		1	**ENG Headlight Interior Finish = Chrome.
125	48010300	1	FRONT TURN SIGNALS, WHELEN 400 SERIES LED (4)
126	11035451	1	REAR EXTERIOR WALL EDGES, TREADPLATE 12" WIDE
127	11035440	1	DIAMONDPLATE CAB ROOF, FULL WIDTH
128	31010287	1	INTERIOR, MULTISPEC GRAY SPECKLE PAINT W/GRAY-BLACK DURAWEAR
129	11032929	1	DOOR PANEL, FULL STS
130	31010290	1	CAB INTERIOR FLOOR COVERING, GRAY RUBBERIZED
131	22510100	1	ENGINE ENCLOSURE, FULL SIZE
132	22510530	1	ENGINE ENCLOSURE COVERING, SCORPION BLACK URETHANE BLEND
133	11031679	1	CENTER CONSOLE, TOP OF ENGINE ENCLOSURE - CHF 4782
134	22610050	1	ENGINE HOOD LIGHT, LED (1)

Line	Item #	Qty	Item Description/Comments
135	11031510	1	FLAT WORK SURFACE IN LIEU OF GLOVE BOX
136	30010120	1	INSTRUMENTATION, BEEDE GAUGES W/ CENTER & OVERHEAD CONSOLES
137		1	**ENG Overhead Console Panel's Finish: Black Wrinkle.
138		1	**ENG Overhead Console Position 1: Switch #1: Master Emergency. Switch #2: Roto-Ray. Switch #3: Opticom. Switch #4: Front Scene. Switch #5: Left Scene. Switch #6: Right Scene. Switch #7: Rear Scene. Switch #8: Left 240V. Switch #9: Right 240V.
139		1	**ENG Overhead Console Position 2: -Traffic Advisor Control Head.
140		1	**ENG Overhead Console Position 3: -HVAC Controls.
141		1	**ENG Overhead Console Position 4: -Warning Indicators. -Seat Belt Monitor.
142		1	**REV-A** **ENG Overhead Console Position 5: -Officer's Speedometer.
143		1	**ENG Overhead Console Position 6: -Blank.
144		1	**ENG Overhead Console Position 7: -Blank.
145		1	**ENG Lower Command Console Finish: Black Urethane.
146		1	**ENG Lower Console Panel's Finish: Black Wrinkle.
147		1	**ENG Lower Console Position 1: -Transmission Shift Pad. -Pump Shift.
148		1	**REV-A** **ENG Lower Console Position 2: Switch #1: Jake On/Off. Switch #2: Jake Low/Med/High. Switch #3: High Idle. Switch #4: Street Horn / Mech Siren Selector. Switch #5: Siren Brake. Switch #6: Blank. Switch #7: Rescue Pump.
149		1	**ENG Lower Console Position 3: -Parking Brake. -Whelen Siren Control Head (mounted as low as possible). -12V Power Points (called out below).
150		1	**ENG Lower Console Position 4: -Blank.
151		1	**ENG Lower Console Position 5: Switch #1: Master Emergency. Switch #2: Mech Siren. Switch #3: Siren Brake.

Line	Item #	Qty	Item Description/Comments
152	30010700	1	CAB PUMP SHIFT
153	29910100	1	PROGRAMMABLE LOAD MANAGER, CLASS-1 SUPERNODE II
154	30031100	1	HIGH IDLE SWITCH
155	30031775	1	12V POWER POINTS, (2)
156		1	**ENG Power Point Location #1: Lower Console Position 3, Driver's corner.
157		1	**ENG Power Point Location #2: Lower Console Position 3, Officer's corner.
158	30031802	1	12V DUAL PORT USB POWER POINTS, (2)
159		1	**ENG USB Power Point Location #1: Lower Console Position 3, Driver's corner.
160		1	**ENG USB Power Point Location #2: Lower Console Position 3, Officer's corner.
161	11088888	1	**REV-A** SPECIAL ITEM, RUN 12V 20 AMP POWER TO EMS CABINET (1)
162		1	**ENG Leave extra wire coiled in lower Officer's side of Cabinet.
163	11040000	1	CAB ACCESSORY FUSE PANEL
164	84541540	1	POWER & GROUND STUDS, UPPER COMMAND CONSOLE
165		1	**ENG Requirements (AMPS) for Power/Ground Studs in Upper Command Console: (1) 12-volt 60-amp, direct to the battery. (1) 12-volt 30-amp controlled by the ignition switch. (1) 12-volt 125-amp ground.
166	84541545	1	POWER & GROUND STUDS, LOWER COMMAND CONSOLE
167		1	**ENG Requirements (AMPS) for Power/Ground Studs in Lower Command Console: (1) 12-volt 60-amp, direct to the battery. (1) 12-volt 30-amp controlled by the ignition switch. (1) 12-volt 125-amp ground.
168	84541550	1	POWER & GROUND STUDS, UNDER OFFICER'S SEAT
169		1	**ENG Requirements (AMPS) for Power/Ground Studs Under Officers Seat: (1) 12-volt 40-amp controlled by the battery switch. (1) 12-volt 60-amp controlled by the ignition switch. (1) 12-volt 60-amp, direct to the battery. (1) 12-volt 100-amp ground.
170	30110000	1	VEHICLE DATA RECORDER, AKRON/WELDON
171	33510030	1	INTERIOR CAB LIGHTS, RED/CLEAR LED (2)
172	34010030	1	INTERIOR CREW LIGHTS, RED/CLEAR LED (2)
173	33530652	1	INTERIOR CAB DOOR WARNING LIGHTS, WHELEN 500 TIR6 LED, 50*03Z*R (QTY 4)

Line	Item #	Qty	Item Description/Comments
174		1	**ENG Cab Door Light Color = Red.
175	28010740	1	DEFROSTER, HEATER & A/C (COMPACT)
176	28090003	1	HEAT TO FEET
177	28030500	1	DEFROSTER DUCTWORK, ENTIRE WINDSHIELD
178	11031687	1	TOOL MOUNTING PLATE, 25" x 19.5", TOP OF HEAT/AC UNIT
179	38510075	1	DRIVER'S SEAT, BOSTROM, NAVIGATOR AIR-50RX/D AIR RIDE (DURAWEAR PLUS, LOW SEAM)
180	38320000	1	HELMET STORED IN COMPARTMENT
181	39010120	1	OFFICER'S SEAT, BOSTROM TANKER 450, ABTS SCBA (DURAWEAR)
182	39030020	1	OFFICER'S SEAT COMPT, FRONT DOOR
183	38320000	1	HELMET STORED IN COMPARTMENT
184	39521125	1	CREW SEAT 1, BOSTROM TANKER 450, ABTS SCBA (DURAWEAR)
185	38320000	1	HELMET STORED IN COMPARTMENT
186	39521126	1	CREW SEAT 2, BOSTROM TANKER 450, ABTS SCBA (DURAWEAR)
187	38320000	1	HELMET STORED IN COMPARTMENT
188	11031828	1	EMS CABINET, FORWARD FACING, DOUBLE ON CREW SEAT RISER (RAISED ROOF)
189	39550100	1	SEAT COLOR, GRAY
190	39610000	3	SCBA BRACKETS, BOSTROM, SECURE ALL (3)
191	38410000	1	SEAT BELT WARNING SYSTEM, AKRON / WELDON
192	39710015	1	CREW SEAT COMPT, FRONT DROP-DOWN DOORS (73" CAB)
193	11031740	1	OVERHEAD STORAGE, FRONT OF 10" RR W/NET
194		1	**ENG Overhead storage compartment in center only (between seats), 36" wide.
195	84541700	1	INSTALLATION OF CUSTOMERS 2-WAY RADIO ANTENNA (1)
196		1	**ENG Antenna Termination Location = Lower Command Console Position 3.
197	84560230	1	CAMERA SYSTEM, SAFETY VISION SV-CLCD0-70 (WIRED)

Line	Item #	Qty	Item Description/Comments
198		1	**CLAR NOTES, -Camera Monitor Location = Beneath Overhead Console Position 3. -Camera Mounting Location = Rear of Body.
199	30030100	1	**REV-A** OFFICER'S SIDE SPEEDOMETER
200		1	**ENG Install in Overhead Console Position 5.
201	60012300	1	**REV-A** QMAX-1500 GPM 6" SUCTION SINGLE STAGE PUMP
202	60025000	1	GEARBOX, HALE, G-SERIES, REAR MOUNTED
203	60026000	1	PUMP PACKING, HALE
204	60031005	1	ALLOY ANODES, HALE
205	60035121	1	PUMP TEST, MISTRAS GROUP, INC
206	61510000	1	AUXILIARY COOLER (HEAT EXCHANGER)
207	62010002	1	STAINLESS STEEL PIPING
208	66020100	1	3" TANK TO PUMP W/CHECK VALVE
209	61720100	1	VALVE, AKRON HEAVY DUTY
210	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
211	73010202	1	TANK FILL 1.5"
212	61720100	1	VALVE, AKRON HEAVY DUTY
213	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
214	61010405	1	**REV-A** PRESSURE GOVERNOR, CLASS 1 TPGJ1939
215		1	**CLAR NOTES, -Install high as shown on Shop Order Drawing. -Do not install between discharges.
216	61210000	1	INTAKE PRESSURE CONTROL, ELKHART 40-20
217	63021100	1	6" MAIN SUCTION, LEFT SIDE
218	65030000	1	2.5" LEFT SIDE INLET
219	61720100	1	VALVE, AKRON HEAVY DUTY
220	61770100	1	ACTUATOR, VALVE, SWING HANDLE
221	60036010	1	THREADS, NST

Line	Item #	Qty	Item Description/Comments
222	63025100	1	6" MAIN SUCTION, RIGHT SIDE
223	70525125	1	2.5" DISCHARGE, LEFT - POSITION 1 - 30 DEG (TERMINATE PIPE STRAIGHT AND ADD 30 DROOP)
224	61720100	1	VALVE, AKRON HEAVY DUTY
225	61770100	1	ACTUATOR, VALVE, SWING HANDLE
226	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
227	60036010	1	THREADS, NST
228	70525125	1	2.5" DISCHARGE, LEFT - POSITION 2 - 30 DEG (TERMINATE PIPE STRAIGHT AND ADD 30 DROOP)
229	61720100	1	VALVE, AKRON HEAVY DUTY
230	61770100	1	ACTUATOR, VALVE, SWING HANDLE
231	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
232	60036010	1	THREADS, NST
233	71025130	1	3" DISCHARGE, RIGHT - POSITION 3 - STRAIGHT
234	61720100	1	VALVE, AKRON HEAVY DUTY
235	61770200	1	ACTUATOR, VALVE, AKRON HANDWHEEL
236	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
237	60036010	1	THREADS, NST
238	61840260	1	ADAPTER, 3" F [NST] X 5" [STORZ] W/CAP & CHAIN, TFT - 30 DEG
239	71025125	1	2.5" DISCHARGE, RIGHT - POSITION 4 - 30 DEG - (TERMINATE PIPE STRAIGHT AND ADD 30 DROOP)
240	61720100	1	VALVE, AKRON HEAVY DUTY
241	61770100	1	ACTUATOR, VALVE, SWING HANDLE
242	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
243	60036010	1	THREADS, NST
244	71530100	1	DISCHARGE 2.5" VALVE 2.5" PIPE TO LEFT REAR
245	61720100	1	VALVE, AKRON HEAVY DUTY

Line	Item #	Qty	Item Description/Comments
246	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
247	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
248	60036010	1	THREADS, NST
249	72230000	1	DISCHARGE 1.5" FRONT BUMPER, 2" PLUMBING
250	61720100	1	VALVE, AKRON HEAVY DUTY
251	61770120	1	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS
252	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
253	60036010	1	THREADS, NST
254		1	**ENG Front Bumper Swivel Location/Side = Driver's side.
255		1	**ENG Front Discharge Swivel Location/Trough = Top of Bumper.
256	72530100	1	DECK GUN DISCHARGE 3"
257	61720100	1	VALVE, AKRON HEAVY DUTY
258	61770200	1	ACTUATOR, VALVE, AKRON HANDWHEEL
259	77021010	1	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5"
260	72570100	1	DECK GUN TERMINATION, THREADED
261	72554850	1	MONITOR, AKRON 3433 APOLLO HIGH RISE
262		1	**ENG Ground Base Inlet size = (1) 5" Storz.
263	72822400	1	TWO 1.5" SPEEDLAYS W/LIFTOUT TRAY & ONE 2.5" CROSSLAY (SM)
264		1	**ENG Crosslay Hose Load Requirement = (1) x 200' of 2.5" hose, (2) x 200' of 1.75" hose.
265	61720100	3	VALVE, AKRON HEAVY DUTY (3)
266	61770120	3	ACTUATOR, VALVE, PUSH/PULL HANDLE, INNOVATIVE CONTROLS (3)
267	77021010	3	GAUGE, DISCH, INNOVATIVE CONTROLS 2.5" (3)
268	60036010	3	THREADS, NST (3)
269	72910800	1	**REV-A** COVERS, ALUM/VINYL FOR CROSSLAY/SPEEDLAY

Line	Item #	Qty	Item Description/Comments
270		1	**CLAR NOTES, -Install poly blocks at sides of Speedlay to hold trays in. -Reference HS-5572 Munson Twp, OH for poly blocks. -See Reference Photo #01 on Shared drive. -Reference HS-5711 Chardon, OH for Black netting sides and bungee fasteners. -See Reference Photo #03, #04, and #05 on Shared drive.
271	72888888	1	SPECIAL ITEM, (2) ADDITIONAL POLY TRAYS
272	61742000	1	MASTER PUMP DRAIN, MULTIPOINT
273	61730005	11	DRAIN VALVES, INNOVATIVE CONTROLS, LIFT-UP (11)
274	73588888	1	SPECIAL ITEM, HALE SMART FOAM 5.0
275		1	**ENG Install control head on panel with master gauges.
276	73588888	1	**REV-B** FOAM TANK 30 GALLON ON TOP OF HOSEBED AT FRONT
277			**CLAR NOTES, -Requested to make as large as possible with 145" Hosebed. -30 Gallons determined by Engineering.
278	73576700	1	**REV-A** SELECTOR VALVE, HALE BYPASS, MANUAL SINGLE
279	73580005	1	FOAM PLUMBED TO FIVE DISCHARGES
280		1	**CLAR NOTES, Foam Plumbed to the following discharges: -Left Rear Discharge. -Front Bumper Discharge. -Crosslay. -Top Speedlay. -Bottom Speedlay.
281	74910130	1	PA SM3 - SIDE MOUNT PUMP PANEL
282		1	**ENG Pump Panel Layout Approval Required.
283	74988888	1	**REV-A** SPECIAL ITEM, AIR FLOW SLOTS IN SIDE OF DUNNAGE WALL (2)
284		1	**CLAR NOTES, -Install vents in the upper sides of the Dunnage wall each side. -Driver's side for Generator and Officer's side for Hydraulic Pump heat exchanger unit.
285	74988888	2	**REV-A** SPECIAL ITEM, FULL-WIDTH STEP ACROSS PUMP PANEL (2)
286		1	**CLAR NOTES, -At top of each Pump Panel install a treadplate step full-width of the panel. -Will be similar to a full-width treadplate step at rear of Body option.
287	74930530	1	**REV-A** PUMP PANEL FINISH, BLACK SCORPION
288	74931000	1	ESCUTCHEON PLATES
289	74931050	1	COLOR CODING

Line	Item #	Qty	Item Description/Comments
290		1	**ENG Color Coding Standard = No.
291		1	**ENG Color Coding Special = Match layout of previous apparatus HS-4742 as close as possible. -Position #1 Discharge: Orange. -Position #2 Discharge: Purple. -Position #3 Discharge: Brown. -Position #4 Discharge: Black. -Crosslay: Yellow. -Top Speedlay: Blue. -Rear Speedlay: Red. -Front Discharge: Turquoise. -Deckgun: Silver. -Left Rear Discharge: Green. -Tank Fill: Lime Green. -Inlets: Maroon.
292	74931100	1	PUMP & FRAMEWORK, PAINTED
293	75088888	1	SPECIAL ITEM, REMOVABLE TREADPLATE, FRONT OF MODULE
294	75040200	1	TROUGH IN RUNNING BOARD, LEFT SIDE
295		1	**ENG Specify Hose Type & Capacity Desired for Left Running Board Trough = 25' of 5" Hose.
296		1	**ENG Left Trough Cover = Velcro Straps.
297	75040210	1	TROUGH IN RUNNING BOARD, RIGHT SIDE
298		1	**ENG Specify Hose Type & Capacity Desired for Right Running Board Trough = 25' of 5" Hose.
299		1	**ENG Right Trough Cover = Velcro Straps.
300	75510210	1	PUMP PANEL LIGHTS, LED STRIPS
301	75530100	1	LIGHT ON OPPOSITE SIDE PUMP PANEL, LED STRIPS
302	76010105	1	PUMP PANEL GAUGES & CONTROLS
303	60028050	1	PUMP PRIMER, TRIDENT, AIR
304	60028310	1	(1) PRIMER BUTTON - MAIN SUCTION
305	76025100	1	COMPRESSION FITTINGS ON AIR SYSTEM (CTZ PUMP MODULE)
306	76030805	1	HALE TRV-L THERMAL RELIEF VALVE WITH LIGHT AT PUMP PANEL
307	76031900	1	AIR HORN PUSH BUTTON SWITCH ON PUMP PANEL
308		1	**ENG Air Horn Push Button Location = Readily visible location for Pump Operator.
309	76510060	1	GAUGES, MASTER, INNOVATIVE CONTROLS, 4"

Line	Item #	Qty	Item Description/Comments
310	77510060	1	GAUGE, WATER LEVEL, FIRE RESEARCH, TANKVISION
311	77532220	1	GAUGE, WATER LEVEL, FRC MAXVISION REMOTE (2)
312		1	**CLAR NOTES, -FRC MaxVision Gauge Location 1 = Driver's side Cab behind Crew Door, high. -FRC MaxVision Gauge Location 2 = Officer's side Cab behind Crew Door, high. -Wire both gauges to come on only when Parking Brake is engaged.
313	77540160	1	GAUGE, FOAM LVL, FIRE RESEARCH TANKVISION
314	83525000	1	WATER TANK BRAND, UNSPECIFIED
315	83510105	1	WATER TANK, 750 GAL, POLY
316	80110520	1	BODY PA-16 RES 56/53 LAD UND HSBD & DBL HATCH
317	80188888	1	**REV-A** SPECIAL ITEM, 45 DEGREE CORNERS ON 18" TAILBOARD
318	80029920	1	STAINLESS STEEL SUBFRAME/UNDERCARRIAGE, PUMPER/TANKER
319		1	**ENG Make sure sides and rear winch receivers are large enough to receive a 2" hitch.
320	80245125	1	OIL DRY HOPPER (IN UPPER HATCH COMPARTMENT)
321		1	**ENG Oil Dry Hopper Location and Termination = L3 Compartment behind false wall in rear.
322	81130200	1	ADJUSTABLE SHELF [L1] (1)
323	81150300	1	600# SLIDE-MASTER TRAY [L1] (1)
324	81150200	2	250# SLIDE-MASTER SLIDE OUT/TILT DOWN DRAWER [L2] (2)
325	81130200	1	**REV-A** ADJUSTABLE SHELF [L3] (1)
326	81150300	1	**REV-A** 600# SLIDE-MASTER TRAY [L3] (1)
327	81130200	1	ADJUSTABLE SHELF [R1] (1)
328	81150300	1	600# SLIDE-MASTER TRAY [R1] (1)
329	81150200	2	250# SLIDE-MASTER SLIDE OUT/TILT DOWN DRAWER [R2] (2)
330	81150000	4	**REV-A** 250# ADJUSTABLE VERTICAL SLIDE-OUT PANEL [R3] (4)
331		1	**REV-C** **CLAR NOTES, -Vertical panels to have lock on the slide instead of hydraulic cylinder. -Reference HS-6023 Riverheads VFC, VA. -See Reference Photo #06 on Shared drive.
332	81150300	1	600# SLIDE-MASTER TRAY [A1] (1)

Line	Item #	Qty	Item Description/Comments
333	81165705	1	UNISTRUT TRACK IN COMPTS
334	80220101	1	COMPT DOORS, ROM ROLL-UP, SATIN FINISH
335	80225000	1	REAR COMPT DOOR (A1) ROM ROLL-UP, SATIN FINISH
336	80230001	7	ROLL-UP DOOR DRIP PAN/GUARD, ROM (WITH DRAIN) (7)
337	84530910	1	COMPT LIGHTING, LED LIGHT STRIPS, 2 PER COMPT
338	81310000	1	HOSEBED, ALUM FLOORING
339		1	**ENG List the Hose Bed Hose Load Req. = Left-to-Right: -400' of 3". -1000' of 5".
340	81410200	1	COVER, ALUMINUM 2 PC, MAIN HOSE BED
341		1	**CLAR NOTES, -Hosebed Cover will have (2) pieces / doors of equal width. -Hosebed Cover Vinyl End Color = Red. -Hosebed Cover Vinyl End Fastener = Bungee with Tabs.
342	8148888	1	**REV-A** SPECIAL ITEM, REMOVABLE HORIZONTAL BAR AT REAR OF HOSEBED IPO FIXED DIVIDER
343	81330300	1	HOSE BED DIVIDER, ADJ (1)
344	81332000	2	HOSEBED LIGHTING, LED LIGHTS STRIPS (2)
345	81910100	1	HANDRAILS, KNURLED STS
346	82014100	1	STEPS, IC FOLD DOWN W/LIGHTS & FIXED (ALUM PUMPERS)
347		1	**ENG Fixed steps in the rear are replaced by the ladders.
348	82040100	1	REAR ACCESS LADDER, STAINLESS STEEL
349		1	**ENG State Ladder Location = Rear of Body, Driver's side.
350	89988888	1	SPECIAL ITEM, SECOND REAR STAINLESS LADDER
351		1	**ENG State Ladder Location = Rear of Body, Officer's side.
352	82528888	1	**REV-D**, DELETE SPECIAL RUB RAILS, BLACK POLY RUB RAILS
353		1	**ENG Reference Miami-Dade, FL fleet for rub rail details.
354	83010050	1	ALUMINUM TREADPLATE (ALUM PPR, PRG1, C-SER, TANKER)
355	80231200	1	4 SCBA CYLINDER COMPTS

Line	Item #	Qty	Item Description/Comments
356	88520300	1	DELETE 6" SUCTION HOSE
357	88540550	1	DELETE STD SUCTION HOSE MTG
358	88550300	1	STRAINER NOT PROVIDED
359	89011500	1	**REV-A** ALCO-LITE PEL-24 24'2 SEC & PRL-14 14' ROOF & 10' FOLDING
360	89510400	1	LADDERS MOUNTED UNDER HOSBED
361		1	**REV-B** **CLAR NOTES, -Ladder chute shall include storage for (3) pike poles. -Please reference Shop Order Drawing for orientation / layout of chute.
362	89088888	1	SPECIAL ITEM, ENCLOSED LADDER STORAGE
363	84550199	1	LICENSE PLATE BRACKET - NOT PROVIDED
364	84510100	1	ELECTRICAL DESCRIPTION
365	84520000	1	BACK UP ALARM, ECCO SA917
366	85010302	1	**REV-A** TAILLIGHTS, WHELEN 600 SERIES, LED STOP/TAIL/TURN/REVERSE, QUAD HOUSING (PAIR)
367	85110100	1	ICC LIGHTS, LED
368	85510200	1	STEP LIGHTS, LED, WHELEN 2G AT PUMP PANEL & REAR BODY
369	85710010	1	UNDERCARRIAGE GROUND LIGHTS, LED
370	86600000	1	OPTICAL WARNING SYSTEM, UPPER
371	86610130	1	UPPER WARNING LIGHTS, ZONE A (FRONT), WHELEN FREEDOM IV 72" LED LIGHT BAR, F4N7QLED, 14 MODULES
372		1	**ENG Zone A, Upper Lightbar Color / Details = (1) 72" Whelen Freedom IV Lightbar with (12) Red and (2) White LEDs all with Clear lenses.
373	86910110	1	OPTICOM, INSTALLED IN LIGHT BAR, GTT 795H LED (FOR WHELEN LIGHTBAR)
374	86699998	1	UPPER WARNING LIGHTS, ZONE B (OFFICER'S SIDE), COVERED BY ZONES A & C (Surface Mount)
375	86710305	1	UPPER WARNING LIGHTS, ZONE C (REAR), WHELEN LED, M9 SERIES SURFACE MOUNT, M9* (QTY 4)
376		1	**REV-A** **ENG Zone C, Upper Rear Beacon Color/Details = (3) Red Lights / Red Lenses. -(1) Each side on side of Body, high, rear corner. -(1) On rear of Body, Officer's side, high, outboard corner. -See Shop Order Drawing. (1) Green Light / Green Lens. -(1) On rear of Body, Driver's side, high, outboard corner.

Line	Item #	Qty	Item Description/Comments
377	86899998	1	UPPER WARNING LIGHTS, ZONE D (DRIVER'S SIDE), COVERED BY ZONES A & C (Surface Mount)
378	87100000	1	OPTICAL WARNING SYSTEM, LOWER
379	87110110	1	LOWER WARNING LIGHTS, ZONE A (FRONT), WHELEN 600 SUPER LED, 60*02F*R (QTY 4)
380		1	**ENG Zone A, Lower Warning Light Color, Lens Color, Details = Red Lights / Red Lenses.
381	87811130	1	LOWER, ZONE A - MOUNTING LOCATION (DUAL HOUSINGS)
382		1	**ENG Zone A, Lower - Front, Mounting Location = (2) Warnings in top headlight housing, each side.
383	87210100	1	LOWER WARNING LIGHTS, ZONE B (OFFICER'S SIDE), WHELEN 600 SUPER LED, 60*02F*R (QTY 2), ION T-SERIES LED, TLI* (QTY 1)
384		1	**ENG Zone B, Lower Officer's Side Warning Light Color, Lens Color, Details = Red Lights / Red Lenses.
385	87812110	1	LOWER, ZONE B - MOUNTING LOCATION (PUMPERS, TANKERS)
386		1	**ENG Zone B, Lower - Officer's Side, Mounting Location = (1) Warning light near the front corner of the apparatus. (1) Near the rear axle. (1) Near the rear corner of the apparatus. -Reference Shop Order Drawing for lights and placement.
387	87310100	1	LOWER WARNING LIGHTS, ZONE C (REAR), WHELEN 600 SUPER LED, 60*02F*R (QTY 2)
388		1	**ENG Zone C, Lower Rear Warning Light Color, Lens Color, Details = Red Lights / Red Lenses.
389	87410100	1	LOWER WARNING LIGHTS, ZONE D (DRIVER'S SIDE), WHELEN 600 SUPER LED, 60*02F*R (QTY 2), ION T-SERIES TLI* (QTY 1)
390		1	**ENG Zone D, Lower Driver's Side Warning Light Color, Lens Color, Details = Red Lights / Red Lenses.
391	87814110	1	LOWER, ZONE D - MOUNTING LOCATION (PUMPERS, TANKERS)
392		1	**ENG Zone D, Lower - Driver's Side, Mounting Location = (1) Warning light near the front corner of the apparatus. (1) Near the rear axle. (1) Near the rear corner of the apparatus. -Reference Shop Order Drawing for lights and placement.
393	87537732	1	ADDITIONAL WARNING LIGHTS, WHELEN 600 SUPER LED, 60*02F*R (PAIR) (1)
394		1	**CLAR NOTES, -Whelen 600 LED Warning Light Color = Red. -Whelen 600 LED Lens Color = Red. -Whelen 600 LED Mounting Location = (1) Each side, above Cab extension doors.
395	87537744	2	**REV-A** ADDITIONAL WARNING LIGHTS, WHELEN M9 SERIES LED, M9* (PAIR) (2)
396		1	**CLAR NOTES, -Red Lights / Red Lenses. -(1) Pair sides of Body, high, front corner, (1) each side. -(1) Pair sides of Cab, high, cab extension area, above M9 scene, (1) each side.
397	87537505	1	WARNING LIGHT, ROTO-RAY, LED

Line	Item #	Qty	Item Description/Comments
398		1	**CLAR NOTES, -Roto Ray Light Colors = (2) Red, (1) White LED. -Switched in Cab, Overhead Console Position 1.
399	87040000	1	TRAFFIC ADVISOR, WHELEN LED, TAL65 36"
400		1	**ENG Install Control Head in Overhead Console Position 2 in Cab.
401	88390902	1	LIGHT, FR SPECTRA, LED, BROW 20K LUMENS, 12V (1)
402		1	**CLAR NOTES, -White housing and bracket. -Switched in Cab, Overhead Console Position 1, "Front Scene".
403	86537816	2	SCENE LIGHTS, WHELEN M9 LED, SURFACE MOUNT (PAIR) (2)
404		1	**ENG Light Mounting Location & Switching = Sides of Cab, high, in Cab extension area, below M9 warning, (1) each side. -Switched in Cab, Overhead Console Position 1, "Left Scene", "Right Scene". Rear of Body, high, (1) each side, inboard of rear warning M9's. -Switched in Cab, Overhead Console Position 1, "Rear Scene". -Wired to Reverse.
405	88230615	1	GENERATOR, HARRISON, 15KW HYD
406		1	**ENG Switched in Cab on Shifter Pad Mode Button.
407		1	**ENG With a 15 KW or larger hydraulic generator, the fuel filter, air dryer, and other components may need to be relocated.
408	88388888	1	SPECIAL ITEM, HARRISON PARTS
409		1	**REV-B** **CLAR NOTES, -Install (1) 45cc pump and (1) 80cc pump to the PTO, mounted in a piggyback, thru-shaft configuration. -One pump would feed hydraulic oil to the Generator and one pump would feed hydraulic oil to the Holmatro system pump. -Add a Hydra-Qube JR, which acts as a heat exchanger and oil supply for the Holmatro. -Install pumps in Dunnage area with Hydraulic Generator.
410	88388888	1	**REV-A** SPECIAL ITEM, SHUT OFF SWITCH FOR HARRISON IHQ RESCUE TOOL PUMP
411		1	**ENG Located in Lower Console Position 1, "RESCUE PUMP".
412	88250425	1	CIRCUIT BREAKER PANEL WITH 16 SPACES FOR BREAKERS
413	88251100	1	BREAKER PANEL, STD LOCATION (L1)
414	88250100	6	120 VOLT OUTLET W/WEATHERPROOF COVER - EACH (6)
415		1	**ENG Nema Number = 5-20 House Plugs.
416		1	**ENG Outlet Locations = -(1) in L1 compartment, front (left-hand) wall, low, outboard corner. -(1) in L3 compartment, front (left-hand) wall, low, outboard corner. -(1) in R1 compartment adjacent to shoreline outlet. -(1) in R3 compartment, front (right-hand) wall, low, outboard corner.

Line	Item #	Qty	Item Description/Comments
			<ul style="list-style-type: none"> -(1) in Front bumper, recessed in rear wall of trough, Officer's side, mid-height. -(1) in EMS cabinet adjacent to shoreline outlet.
417	88388888	1	SPECIAL ITEM, HOLMATRO QUATRO POWER UNIT
418		1	**CLAR NOTES, <ul style="list-style-type: none"> -SR 40 ZC 4 Quattro Pump - 158.152.246. -Installed in Dunnage area opposite Hydraulic Generator.
419	88388888	1	SPECIAL ITEM, (4) 32' HOLMATRO CORE HOSES
420		1	**CLAR NOTES, <ul style="list-style-type: none"> -Order core hoses at appropriate lengths for locations of bulkheads called out below. -Color of hoses = (1) of each : (blue, black, green, orange available). -Place colors wherever – no pre-defined assignments.
421	88388888	1	SPECIAL ITEM, (4) HOLMATRO BULKHEADS
422		1	**CLAR NOTES, <ul style="list-style-type: none"> -158.182.043 - 90 degree bulkhead -158.182.045 - straight bulkhead -See Reference Photo #02 on Shared drive. -Type will be determined by mounting location. -Terminate (1) each side of the Pump Module under the bottom speedlays. -Terminate (1) each side of the Bumper in the side skirts above the DOT reflectors.
423	88431005	2	HANNAY ECR-1614-17-18 REEL W/175' 12/3 (2)
424		1	**CLAR NOTES, Reel #1: <ul style="list-style-type: none"> -Reel Mounting Location = In coffin compartment above L1 Compartment. -Cord will terminate off of reel towards inboard of truck. -Cord will then terminate through fairleads in L1 Compartment ceiling into L1. Reel #2: <ul style="list-style-type: none"> -Reel Mounting Location = In coffin compartment above R1 Compartment. -Cord will terminate off of reel towards inboard of truck. -Cord will then terminate through fairleads in R1 Compartment ceiling into R1. -Reel Motor Location = Right Rear.
425	88433000	2	MOUNTING OF ELEC CORD REEL IN UPPER HATCH COMPTS (2)
426	88328888	1	SPECIAL LIGHT TOWER WILL-BURT XTREME 6.0
427		1	**CLAR NOTES, <ul style="list-style-type: none"> -Light Tower provided and mounted on the Cab roof. -The Light Tower shall have (6) Nightscan XL 200 LED lights. -There shall be a wired handheld controller mounted in the L1 compartment next to Breaker Box. -A strobe shall be mounted on the top of the Light Tower. -Color of Strobe = Blue.
428	88380991	1	DEFLECTOR, PAINTED, FORWARD OF LIGHT TOWER
429		1	**ENG OAH restriction of 10' - 10".
430	88390802	4	LIGHT, FR SPECTRA, LED, SURFACE MNT, 15K LUMENS, 240V (4)
431		1	**CLAR NOTES, <ul style="list-style-type: none"> -White housings.

Line	Item #	Qty	Item Description/Comments
			-(1) Each side of Cab, high, above middle window. -(1) Each side of Body, high, centered. -Switched in Cab, Overhead Console Position 1, "Left 240V", "Right 240V".
432	89910010	1	CORROSION REDUCTION PROGRAM (PROPOSALS)
433	90010020	1	PAINT SCHEME
434	90030005	1	TWO TONE CAB TO BOTTOM OF WINDSHIELD
435		1	**ENG List Special Paint Details = -Standard Paint Break Option #1. -White over Red.
436	90030154	1	PAINT FRAME RAILS & BODY SUBFRAME -BLACK
437	90510100	1	LETTERING, NOT PROVIDED
438	90610100	1	DELETE STANDARD SCOTCHLITE STRIPING
439	90680120	1	CHEVRON STRIPING, REAR BODY OUTBOARD, REFLEXITE
440		1	**ENG Chevron Striping, Rear Body Color = #030 Red Transparent & #L2 Fluorescent Lime.
441	91010000	1	MISC EQUIP - (1) PINT TOUCH-UP PAINT, STAINLESS STEEL NUTS & BOLTS
442	91030700	1	ZIAMATIC SAC-44 FOLDING WHEEL CHOCKS (PAIR) MTD W/ SQCH-44H HOLDERS
443		1	**ENG Wheel Chock Mounting Locations = Ship Loose.
444	91088888	1	SPECIAL ITEM, NO MOUNTING OF WHEEL CHOCKS, SHIP LOOSE
445	99010000	1	MANUALS (1-PRINTED & 1-CD) WITH DVD
446	99031105	1	PICK-UP UNIT AT FACTORY
447	99510000	1	ONE YEAR WARRANTY
448	10000410	1	PERFORMANCE BOND
449	PDB888888	1	**REV-A** DEALER SUPPLIED - REFLECTIVE MATL, INTERIOR CAB DOORS, SCOTCHLITE CHEVRONS
450		1	**ENG Reflective Striping Color = Red/White.
451		1	**ENG Reflective Striping Verbiage = "Sutphen"
452	PDB000296	1	DEALER SUPPLIED - LETTERING AND STRIPING
453	PDB888888	1	**REV-A** DEALER SUPPLIED - CHEVRON STRIPING, FRONT BUMPER, REFLEXITE