

Photo Album for Pierce Job 38183-01
Tucson Fire Department, AZ
Custom Enforcer Pumper

Wk 11 Production ending June 28, 2024

- The pumper continues assembly at the 41 plant.





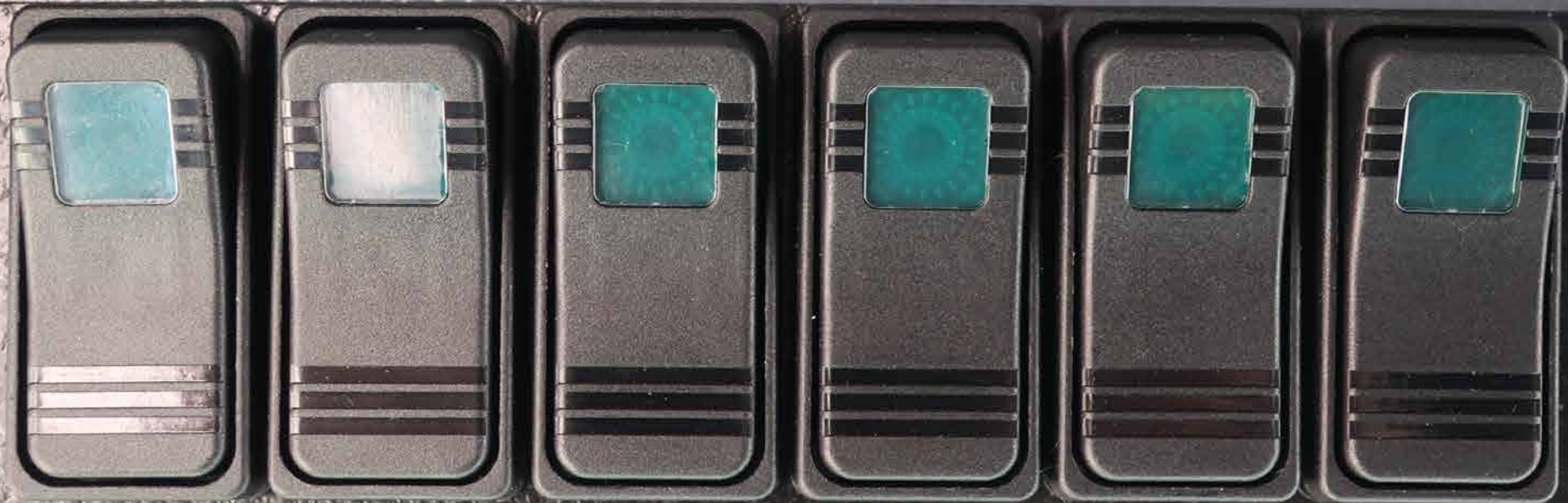


Pierce









**EMERGENCY
MASTER**

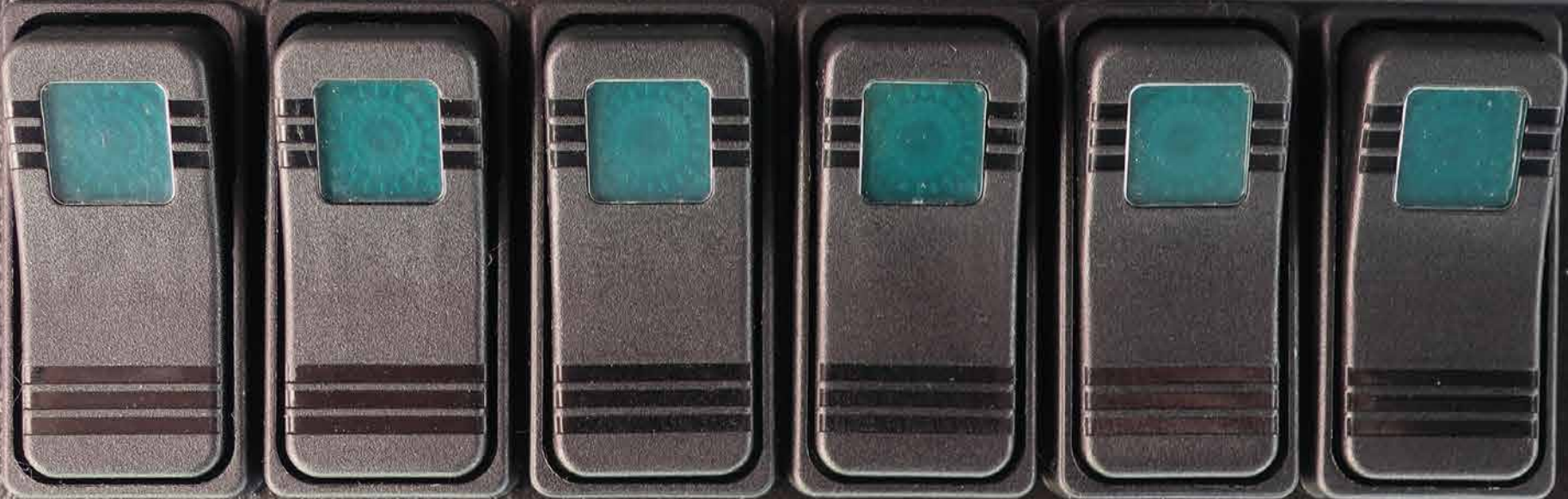
**ROOF
LIGHT**

**FRONT
WARNING**

**SIDE
WARNING**

**LOWER
REAR
WARNING**

**UPPER
REAR
WARNING**



**HIGH
BEAM
FLASH** **OPTICOM** **FRONT
FLOOD** **DRIVERS
SCENE** **PASS
SCENE** **REAR
SCENE**



AIR
HORN

CYCLE

BRAKE

RADIO

MANUAL
OFF
WAIL
TONE 1
TONE 2



VOLUME



 **FEDERAL SIGNAL**







Instrument cluster featuring the following gauges:

- DEF (Defrost):** Gauge with markings for 1/2, 3/4, and F.
- WATER:** Temperature gauge with markings at 170°F, 200, 230, 260, and 140.
- RPM:** Engine speed gauge with markings at 5, 10, 15, 20, 25, and X100.
- MPH:** Speedometer with markings at 5, 15, 20, 25, 35, 45, 55, 60, 65, 75, 80, 85, 100, 120, 140, and 150.
- VOLTS:** Voltage gauge with markings at 12, 14, and 16.
- OIL:** Oil pressure gauge with markings at 20, 40, 60, 80, and 100 PSI.
- FUEL:** Fuel gauge with markings for 1/4, 1/2, 3/4, and F. Includes the text "ULTRA LOW SULFUR DIESEL FUEL ONLY".
- FRONT AIR:** Front air pressure gauge with markings at 0, 30, 60, 90, 120, and 150 PSI.
- TRANS:** Transmission temperature gauge with markings at 100, 200, 250, and 300.
- REAR AIR:** Rear air pressure gauge with markings at 0, 30, 60, 90, 120, and 150 PSI.

*** MADE WITH PRIDE IN AMERICA ***
 BY PEOPLE WHO CARE ***

START
 IGNITION

E-M
 PANEL
 OFF
 PANEL

ON
 HI IDLE
 OK-HI IDLE



WITH PRIDE IN AMERICA
BY PEOPLE WHO CARE

POWER < > CH. MENU SET

SIREN BRAKE DEFROST DISABLE LOAD MANAGER

ENG BRK ON/OFF ENG BRK HI/MED/LO SIREN HORN PERIMETER LIGHTS MIRROR HEAT

PULL TO APPLY SYSTEM PARK HALDEX PUSH TO RELEASE

Alison Transmission
R MODE
N
D

Pierce
AUTO 8.8
AUTO

Blank document with faint lines and text, possibly a checklist or log.



POWER

⏪ ⚙

⚙ ⏩

CH-

MENU

SEL



**SIREN
BRAKE**

**DEFROST
DISABLE**

**LOAD
MANAGER**

Pierce

AUTO

88



MEVOTECOR
Rear-Adjustment, 2-Wheel-Drive

Actual	Specified Range
0.5°	0.0° - 1.0°
1.02in	1.02in - 1.02in

Cross Camber
Cross Caster
Cross SAI
Trail Toe
Cross Turn Off
Steer Back

Actual	Specified Range
0.1°	0.0° - 0.2°
0.42°	0.0° - 0.8°

Rear-Axis 1 - Left

Actual	Specified Range
-0.8°	-0.08° - 0.08°
3.64in	3.64in - 3.64in

Camber
Toe

Actual	Specified Range
0.3°	0.0° - 0.6°
1.64in	1.64in - 1.64in

Rear-Axis 1 - Right

Actual	Specified Range
31.64°	31.64° - 31.72°
41.72°	41.72° - 41.72°

Front-Axis 1

Actual	Specified Range
0.2°	0.0° - 0.4°
0.42°	0.0° - 0.8°

Front-Axis 1 - Right

Actual	Specified Range
0.7°	0.0° - 1.4°
3.0°	3.0° - 5.0°
1.02in	1.02in - 3.02in







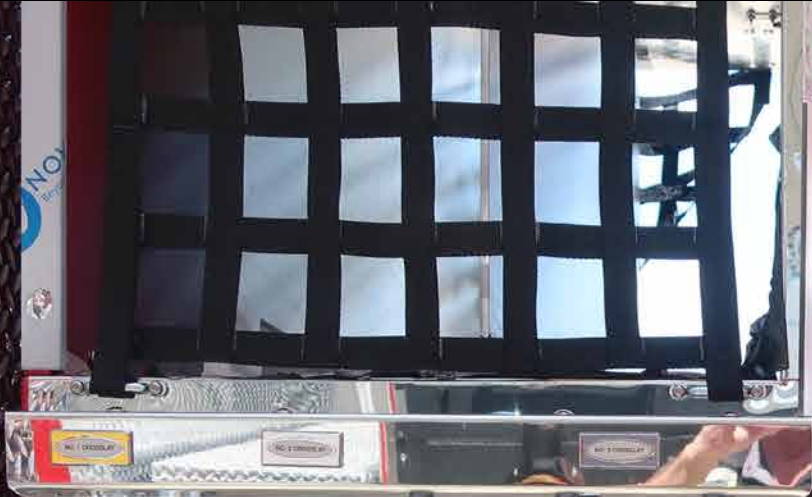


NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 3 CROSSLAY





NO. 1 CROSSLAY

NO. 2 CROSSLAY

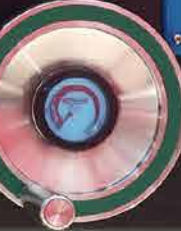
NO. 3 CROSSLAY

REEL DISCHARGE

DELUGE DISCHARGE

FRONT DISCHARGE

PASSENGER REAR DISCHARGE



NO. 1 DRIVER SIDE DISCHARGE

NO. 2 PASSENGER SIDE DISCHARGE

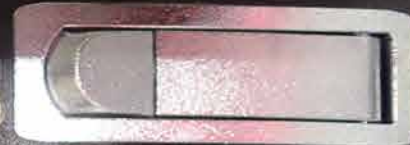
NO. 3 DRIVER SIDE DISCHARGE

NO. 4 PASSENGER SIDE DISCHARGE

TANK TO PUMP



Panel R10



PUMP CONTROL

CHECK ENGINE

RPM

MENU

SILENCE

THROTTLE READY

PRESSURE

RPM

PRESET

IDLE





DISCHARGE



VER
ARGE



DELUGE DISCHARGE



FRONT DISCHARGE



PASSENGER REAR
DISCHARGE



TANK FILL &
RE-CIRCULATING LINE



LARGE DIA. PASS.
SIDE DISCHARGE



PRIMER
FIRE PUMP
TRIDENT
AIR
PRIME

PUSH
TO
PRIME

PRIMING INSTRUCTIONS

NO. 4 PASSENGER
SIDE DISCHARGE

TANK TO PUMP

NO. 2 DRIVER
SIDE DISCHARGE



NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 3 CROSSLAY

INTAKE RELIEF VALVE
 • PULL KNOB OUT TO ADJUST
 • TURN TO CHANGE SET PRESSURE
 • PUSH KNOB IN TO LOCK

PULL TO UNLOCK

TRIDENT



NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 3 CROSSLAY

REEL DISCHARGE

DELUGE D

PASSENGER MAIN INLET

WATEROUS

OPEN CLOSED



NO. 1 DRIVER SIDE DISCHARGE

NO. 3 PASSENGER SIDE DISCHARGE

NO. 2 DRIVER SIDE DISCHARGE

NO. 4 PAS SIDE DIS

NO. 1 DRIVER SIDE DISCHARGE

NO. 2 DRIVER SIDE DISCHARGE



Panel R10

WATEROUS
PUMP MODEL: 430 SERIAL NO: 18887
PUMP MODEL: 430 SERIAL NO: 18887
DATE: 04/01/00 12/10/01
GASOLINE 157 PSI @ 2000 RPM
PUMP NO: 430 18887

WATEROUS
PUMP MODEL: 430
SERIAL NO: 18887
DATE: 04/01/00
GASOLINE
PUMP NO: 430

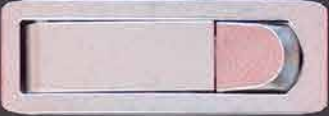
CAUTION

PRIMING INSTRUCTIONS
FOR ENHANCED PRIMING
PERFORMANCE, RUN ENGINE AT 1000
RPM WHILE PRIMING



Panel
Y/P/O





AIR SUPPLY



AIR OUTLET

AIR INLET



WATEROUS

PUMP MODEL: CSU	SERIAL NO: 182227
TRANS MODEL: C22D	SERIAL NO: 182227
DATE: MAR-2024	RATIO: 2.03
CAPACITY: 1250 GPM	AT 150 DISCH PSIG
HYDRO: 600 PSIG	MAX DISCH: 400 PSIG

52906

MINIMUM OPERATION MAINTENANCE SCHEDULE*

CHECK OPERATION WEEKLY:

- Relief valve or pressure controller
- Transfer valve
- Priming system
- Packing gland Leakage
 - Normal: 10-120 drops per minute
- Mechanical Seals Leakage - 0

EVERY 6 MONTHS OR 100 OPERATING HOURS:

- Gear Case - change lubricant (Use SAE 80 gear lube)
- Chain Case - change lubricant (Use automatic transmission fluid ATF)
- Grease outboard bearing - Use BRB grease (Ball and roller bearing)

*Consult Pump Manual for complete information

 222219

PUMP DRAIN
PULL TO DRAIN



DO NOT OPEN OR CLOSE UNDER PRESSURE

CAUTION
PLACE CAB SHIFT IN NEUTRAL
PUSH FOR ROAD
PULL FOR PUMP

MANUAL PUMP SHIFT



PULL TO OPEN

NO. 1 CROSSLAY	NO. 1 DRIVER SIDE DISCHARGE	NO. 2 DRIVER SIDE DISCHARGE	PASSENGER MAIN INLET
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PULL TO OPEN

**DRIVER SIDE
AUX. INLET**











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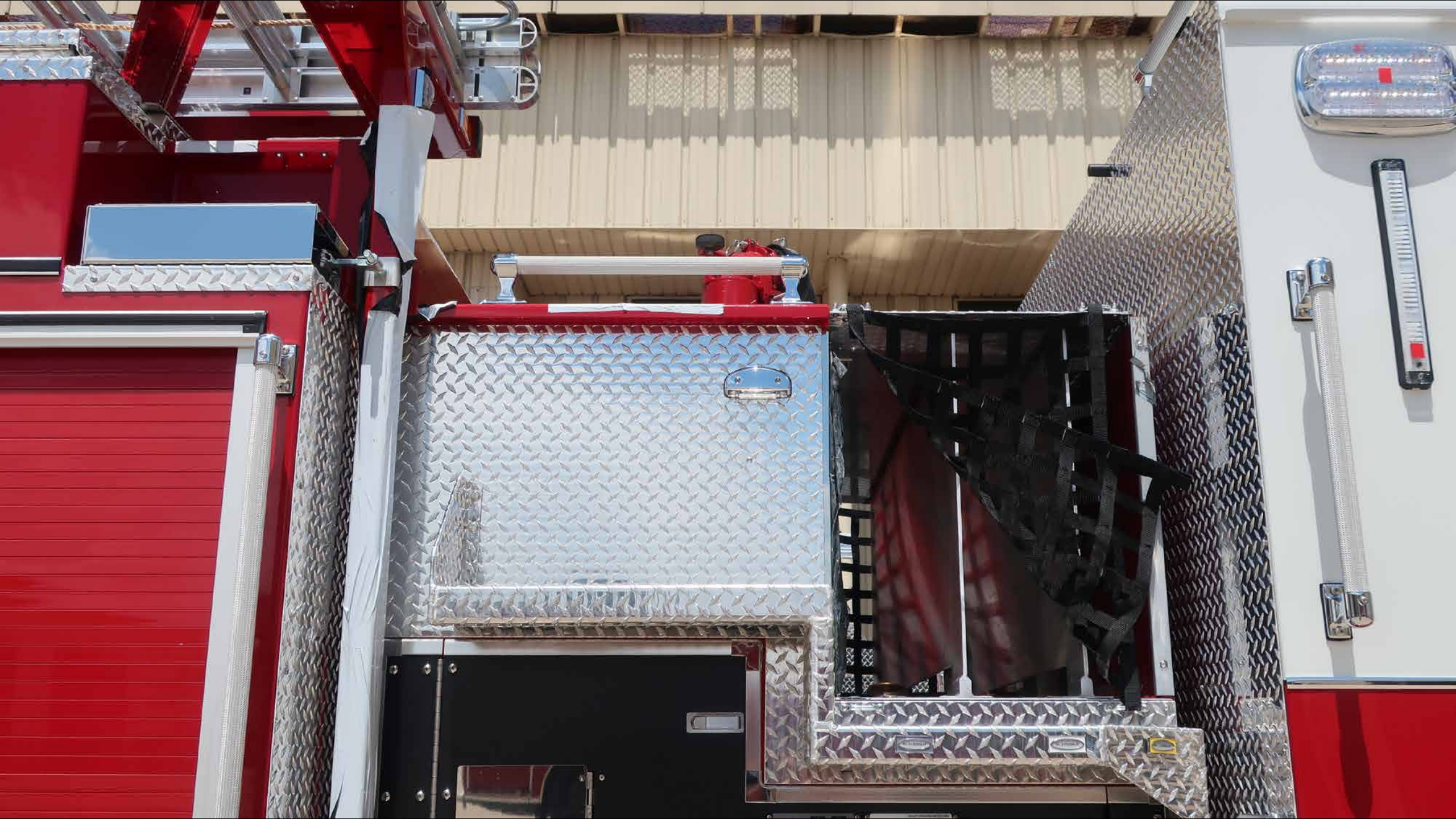


Pierce®









NO. 3 CROSSLAY

NO. 2 CROSSLAY

NO. 1 CROSSLAY

CAB LIFT OPERATING INSTRUCTIONS

TO RAISE CAB: 1. Prepare cab to rise.

2. Push up lever until you hear a click.

3. Release lever. Cab will rise.

TO LOWER CAB: 1. Prepare cab to lower.

2. Check that no personnel or equipment are in the path.

3. Push up lever on rear wall. Cab will lower.

CAUTION

CHECK SYSTEM AND AREA BEFORE OPERATING. ALWAYS WEAR SEATBELT. ALWAYS USE SAFETY DEVICES. ALWAYS FOLLOW ALL SAFETY INSTRUCTIONS.

OFF

ON



! DANGER
MOVING EQUIPMENT TAGS
Always use an approved
method for attaching
equipment tags to
equipment. Do not
attach tags to equipment
unless you are
properly trained.
Always use the correct
method for attaching
tags to equipment.

MASTER
LIFT
RAISE
LOWER

**POWERED
EQUIPMENT RACK**

! DANGER
CHECK ALL
CAB STEPS
ARE FOLDED
UP BEFORE
RAISING CAB

ACTIVATE
CAB LIFT



1812



POWERED EQUIPMENT RACK

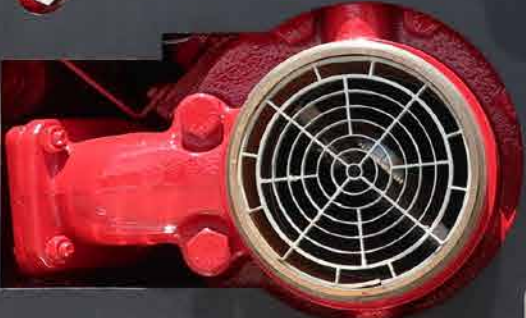
CAUTION
 DANGER
 WARNING EQUIPMENT RACK
 DO NOT OPERATE EQUIPMENT RACK
 WITH EQUIPMENT RACK RAISED
 ALWAYS USE PROPER LIFTING
 TECHNIQUE TO AVOID INJURY
 TO THE BACK OR NECK.

OFF ON
 MASTER
 LIFT

CAUTION
 DANGER
 CHECK ALL CAB STEPS
 ARE FOLDED
 UP BEFORE
 RAISING CAB

RAISE LOWER
 ACTIVATE
 CAB LIFT

←





⚠ DANGER
MOVING EQUIPMENT RACK

STAY CLEAR OF RACK AREA UNLESS RACK IS LOCKED IN RAISED POSITION OR IN FULLY-LOWERED POSITION AND WITH MASTER SWITCH OFF.

SUDDEN RACK MOVEMENT MAY CAUSE INJURY OR DEATH.

IF EQUIPPED WITH A MANUAL OVERRIDE, MAKE SURE OVERRIDE IS IN NEUTRAL POSITION.

TO RAISE:
1. SECURE ALL EQUIPMENT
2. OPEN SAFETY LOCKS (IF APPLICABLE)
3. CLEAR OPERATIONAL AREA
4. TURN ON MASTER SWITCH
5. PUSH LIFT SWITCH UP UNTIL FULLY RAISED
6. TURN OFF MASTER SWITCH
7. ENGAGE SAFETY-LOCKS (IF APPLICABLE)

TO LOWER:
1. CLOSE COMPARTMENT DOORS
2. OPEN SAFETY LOCKS (IF APPLICABLE)
3. CLEAR OPERATIONAL AREA
4. TURN ON MASTER SWITCH
5. PUSH LIFT SWITCH DOWN UNTIL FULLY LOWERED
6. TURN OFF MASTER SWITCH

POWERED EQUIPMENT RACK

132418

OFF ON
MASTER
UP
LIFT
DOWN

AIR HORN

PASSENGER SIDE SCENE LIGHTS

CAUTION
CHECK OVERHEAD AREA, BUMPER COMPONENTS, MIRRORS, AND SIGHT RODS FOR CLEARANCE BEFORE TILTING CAB.

⚠ DANGER
CAB STAY ARM MUST BE IN THE SUPPORT POSITION BEFORE MOVING UNDER OR WORKING ON THE CAB IN THE TILT POSITION. NEVER WORK ON THE CAB WITHOUT STAY ARM IN THE SUPPORT POSITION. FAILURE TO FOLLOW PROPER PROCEDURES CAN RESULT IN INJURY OR DEATH.

CAB LIFT OPERATING INSTRUCTIONS

TO RAISE CAB:

1. Prepare cab to lift:
Park on level surface.
Turn engine OFF.
Set parking brake.
Secure loose items in cab.
No obstructions in tilt path.
Fold up steps on rear wall.
2. Turn battery switch to ON.
3. Turn ignition switch to ON.
4. Move control switch to RAISE.
5. Press ACTIVATE switch until cab fully lifts.
6. Swing safety Stay-Arm into pocket.
7. Move control switch to LOWER.
8. Press ACTIVATE switch until cab is resting on Stay-Arm.

TO LOWER CAB:

1. Prepare cab in lower:
Check that no persons or obstructions are in tilt path.
Fold up steps on rear wall.
2. Parking brake must be set.
3. Turn battery switch to ON.
4. Turn ignition switch to ON.
5. Move control switch to RAISE.
6. Press ACTIVATE switch until cab is off safety Stay-Arm.
7. Slow and secure Stay-Arm.
8. Move control switch to LOWER.
9. Press ACTIVATE switch until cab fully lowers and for 5 seconds after cab comes to rest.
10. Make sure cab is latched down before operating vehicle.

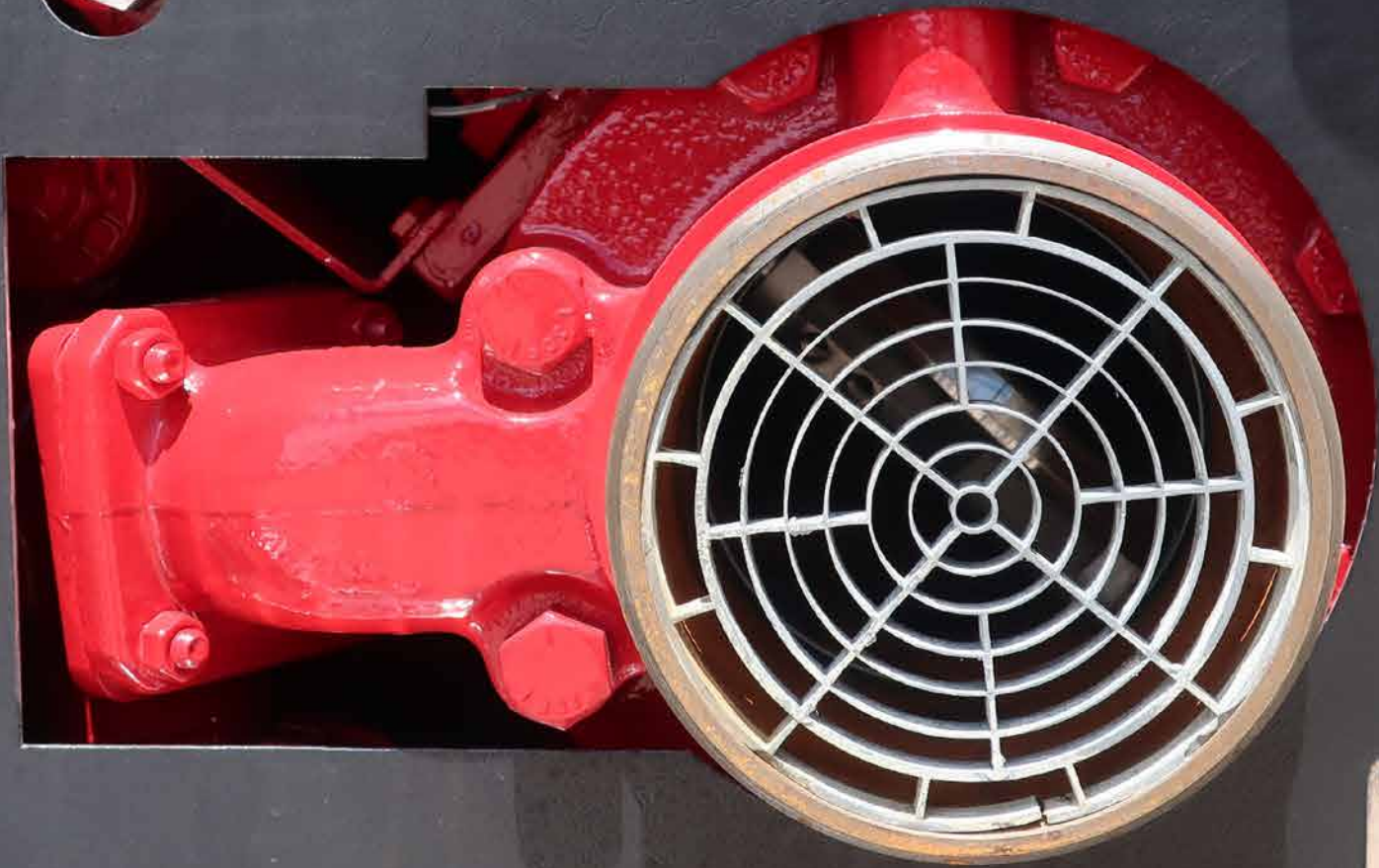
Manual Override: See Operation Manual

RAISE
LOWER

CHECK ALL CAB STEPS ARE FOLDED UP BEFORE RAISING CAB

ACTIVATE

2644992-0001 **CAB LIFT**



PASSENGER SIDE
AUX INLET

PULL TO OPEN
PASSENGER MAIN INLET

PULL TO OPEN
PASSENGER REAR
DISCHARGE

PULL TO OPEN
NO. 4 PASSENGER
SIDE DISCHARGE

PULL TO OPEN
LARGE DIA. PASS.
SIDE DISCHARGE

PULL TO OPEN
NO. 3 PASSENGER
SIDE DISCHARGE

PULL TO OPEN
NO. 2 CROSSLAY

PULL TO OPEN
NO. 3 CROSSLAY



PRIMER DRAIN



PULL TO OPEN
PASSENGER SIDE

PRIMER DRAIN

PULL TO OPEN
PASSENGER SIDE
AUX. INLET

SCOTT







WARNING

	NO OPEN FLAMES	NO OPEN FLAMES
	NO SMOKING	NO SMOKING
	NO ALCOHOL	NO ALCOHOL
	NO CELL PHONE	NO CELL PHONE
	NO EATING OR DRINKING	NO EATING OR DRINKING
	NO LEANING OUT OF WINDOW	NO LEANING OUT OF WINDOW
	NO STANDING ON SEATS	NO STANDING ON SEATS
	NO HANGING OUT OF WINDOW	NO HANGING OUT OF WINDOW
	NO LEANING ON DASHBOARD	NO LEANING ON DASHBOARD
	NO LEANING ON STEERING WHEEL	NO LEANING ON STEERING WHEEL
	NO LEANING ON GEAR SHIFT	NO LEANING ON GEAR SHIFT
	NO LEANING ON PEDALS	NO LEANING ON PEDALS
	NO LEANING ON FLOOR	NO LEANING ON FLOOR
	NO LEANING ON DOOR	NO LEANING ON DOOR
	NO LEANING ON WINDOW	NO LEANING ON WINDOW
	NO LEANING ON ROOF	NO LEANING ON ROOF
	NO LEANING ON CEILING	NO LEANING ON CEILING
	NO LEANING ON FLOOR MATS	NO LEANING ON FLOOR MATS
	NO LEANING ON SEATS	NO LEANING ON SEATS
	NO LEANING ON BACKREST	NO LEANING ON BACKREST
	NO LEANING ON HEADREST	NO LEANING ON HEADREST
	NO LEANING ON ARMREST	NO LEANING ON ARMREST
	NO LEANING ON CONSOLE	NO LEANING ON CONSOLE
	NO LEANING ON DASHBOARD	NO LEANING ON DASHBOARD
	NO LEANING ON STEERING WHEEL	NO LEANING ON STEERING WHEEL
	NO LEANING ON GEAR SHIFT	NO LEANING ON GEAR SHIFT
	NO LEANING ON PEDALS	NO LEANING ON PEDALS
	NO LEANING ON FLOOR	NO LEANING ON FLOOR
	NO LEANING ON DOOR	NO LEANING ON DOOR
	NO LEANING ON WINDOW	NO LEANING ON WINDOW
	NO LEANING ON ROOF	NO LEANING ON ROOF
	NO LEANING ON CEILING	NO LEANING ON CEILING
	NO LEANING ON FLOOR MATS	NO LEANING ON FLOOR MATS
	NO LEANING ON SEATS	NO LEANING ON SEATS
	NO LEANING ON BACKREST	NO LEANING ON BACKREST
	NO LEANING ON HEADREST	NO LEANING ON HEADREST
	NO LEANING ON ARMREST	NO LEANING ON ARMREST
	NO LEANING ON CONSOLE	NO LEANING ON CONSOLE











The open side compartment of the fire truck reveals a detailed array of firefighting equipment. At the top, there is a red fire extinguisher. Below it, a red fire pump is mounted on a black panel. The panel also features several gauges, including a large circular one, and various hoses and connectors. A red fire nozzle is visible on the left side of the compartment. The equipment is organized and ready for use.

Pierce



BAMBER
ELECTRONICS

Pierce



SRS

WARNING
Please read the instructions carefully before using the product. Failure to follow the instructions may result in injury or death. The product is not to be used in a manner not intended by the manufacturer. The manufacturer is not responsible for any accidents or injuries resulting from the use of the product. The manufacturer is not responsible for any damage to property or equipment resulting from the use of the product. The manufacturer is not responsible for any loss of data or information resulting from the use of the product. The manufacturer is not responsible for any other consequences resulting from the use of the product.





GAMBER
JOHNSON

OPEN HOOD



SIREN BRAKE

Dual Port USB



INPUT
12 24V DC

Dual Port USB



INPUT
12 24V DC



AIR HORN



MECHANICAL
SIREN





- Aux
- Aux Select
 - Receive

- Radio
- Monitoring
 - Radio Select
 - Receive
 - Transmit



Rx

Tx



VOLUME



SQUELCH



FIRE COM







HUGHES FIRE EQUIPMENT