

Photo Album for Pierce Job 38183-03
Tucson Fire Department, AZ
Custom Enforcer Pumper

Wk 10 Production ending June 28, 2024

- The pumper continues assembly at the 41 plant.



NOTICE
FOR THE PUBLIC
SEE THE NOTICE
ON THE SIDE OF THE TRUCK

TEAM NO. 1234
DATE: 10/15/2023
BY: [Signature]
STATUS: [Status]

PREPARE
PERFORM
PROTECT

FRONTLINE
COMMUNICATIONS

A Division of Pierce Manufacturing











NOTICE
FEDERAL GOVERNMENT
PROPERTY







SAFETY

- 1. Always wear your seat belt.
- 2. Do not drink and drive.
- 3. Do not use alcohol or drugs while operating the vehicle.
- 4. Do not use your cell phone while driving.
- 5. Do not use the vehicle if you are feeling drowsy or tired.
- 6. Do not use the vehicle if you are under the influence of any medication.
- 7. Do not use the vehicle if you are feeling ill.
- 8. Do not use the vehicle if you are feeling nervous or anxious.
- 9. Do not use the vehicle if you are feeling stressed or overwhelmed.
- 10. Do not use the vehicle if you are feeling any other symptoms that may impair your ability to drive safely.

SPOTTER REQUIRED WITH BRAKES

Pierce

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BATTERY

KL1830MAL

SHORE

TRUCK



3813-1
Part No. 38127701

Peterbilt

The instrument cluster features several gauges: DEF (DEFENDANT), WATER, RPM (x100), MPH (with KMH scale), VOLTS, OIL, FUEL, FRONT AIR, TRANS, and REAR AIR. A central digital display is present but blank.

MADE WITH PRIDE IN
AMERICA
BY PEOPLE WHO CARE

START
IGNITION

Panel controls including buttons for DEF, OIL, and PANEL.

ON
HI IDLE
OK-HI IDLE

To avoid turbo damage
idle engine for 5 min.
before shutting down.



POWER [] [] [] [] CH- MENU SEL []



SIREN BRAKE

DEFROST DISABLE

LOAD MANAGER

[] [] [] [] [] []

ENG BRK

ENG BRK

SIREN HORN

PERIMETER LIGHTS

MIRROR HEAT

Allison
TRANSMISSION

MODE [] [] [] []

R [] N [] D []



AUTO [] [] [] [] [] []

88

Pierce

[] [] []

PSI 120

FRONT AIR

PSI 120

REAR AIR

HI IDLE []

DR-H IDLE []

ROAD TO PUMP
1. STOP TRUCK
2. SHIF TRUCK TRANSMISSION TO NEUTRAL





**SIREN
BRAKE**

**DEFROST
DISABLE**

**LOAD
MANAGER**



ENG BRK
ON/OFF



ENG BRK
HI/MED/LO



SIREN
HORN



PERIMETER
LIGHTS



MIRROR
HEAT



DISSEM
WHEN
OR SL



Pierce

88

AUTO

WIPER
WAGER

Wiper
KIT
01/06/2014
01 04 18 599
LON 200

DAD
WAGER

EMERGENCY MASTER ROOF LIGHT FRONT WARNING SIDE WARNING LOWER REAR WARNING UPPER REAR WARNING

HIGH BEAM FLASH OPTICDN FRONT FLOOD DRIVERS SCENE PASS SCENE REAR SCENE

00
00



**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

OFF
MANUAL
WAIL
TONE 1
TONE 2

VOLUME

BRAKE

RADIO

 FEDERAL SIGNAL





Pierce

REF FLOW 3/2/889



REBOOT

Symbol	Description	Action
⚠	Warning	Read the manual
⚡	Electrical hazard	Do not touch
🚫	No open flames	Do not smoke
🚫	No alcohol	Do not drink
🚫	No food	Do not eat
🚫	No passengers	Do not allow
🚫	No children	Do not allow
🚫	No pets	Do not allow
🚫	No smoking	Do not smoke
🚫	No alcohol	Do not drink
🚫	No food	Do not eat
🚫	No passengers	Do not allow
🚫	No children	Do not allow
🚫	No pets	Do not allow





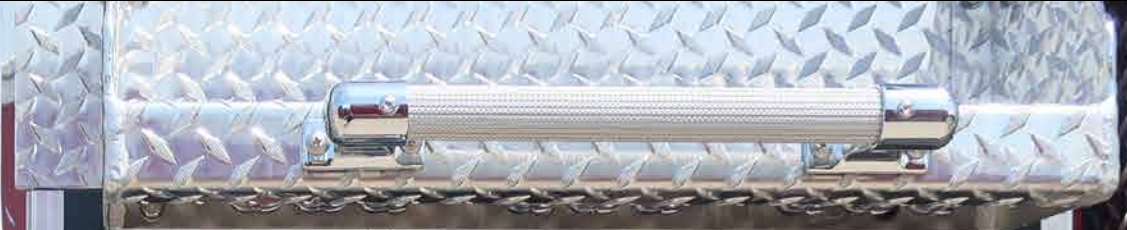


NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 3 CROSSLAY







PANEL LIGHTS



PUMPBOSS

CHECK ENGINE STOP ENGINE

5886

RPM

MENU [Buttons] SILENCE

THROTTLE READY

PRESSURE [Display]

RPM [Display] PRESET

1701

OK TO PUMP

DRIVER SIDE SCENE LIGHTS

PASSENGER SIDE SCENE LIGHTS

REAR SCENE LIGHTS

REEL REWIND

AIR HORN





TANK FILL & RE-CIRCULATING LINE

REEL DISCHARGE

DELUGE DISCHARGE

FRONT DISCHARGE

PASSENGER REAR DISCHARGE

TANK FILL PRO
F- WATER
3/4-
1/2-
1/4-

OPEN
ENGINE COOLER



NO. 4 PASSENGER SIDE DISCHARGE

PRIMER FIRE PUMP
TRIDENT AIR PRIME
PUSH TO PRIME

NO. 2 DRIVER SIDE DISCHARGE

NO. 4 PASSENGER SIDE DISCHARGE

TANK TO PUMP

NO. 2 DRIVER SIDE DISCHARGE

Switch

Valve

NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 3 CROSSLAY

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

TRIDENT

PULL TO UNLOCK



NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 3 CROSSLAY

REEL DISCHARGE



DELUGE DISCHARGE

PASSENGER MAIN INLET

OPEN CLOSED

WATERBUS



NO. 1 DRIVER SIDE DISCHARGE

NO. 3 PASSENGER SIDE DISCHARGE

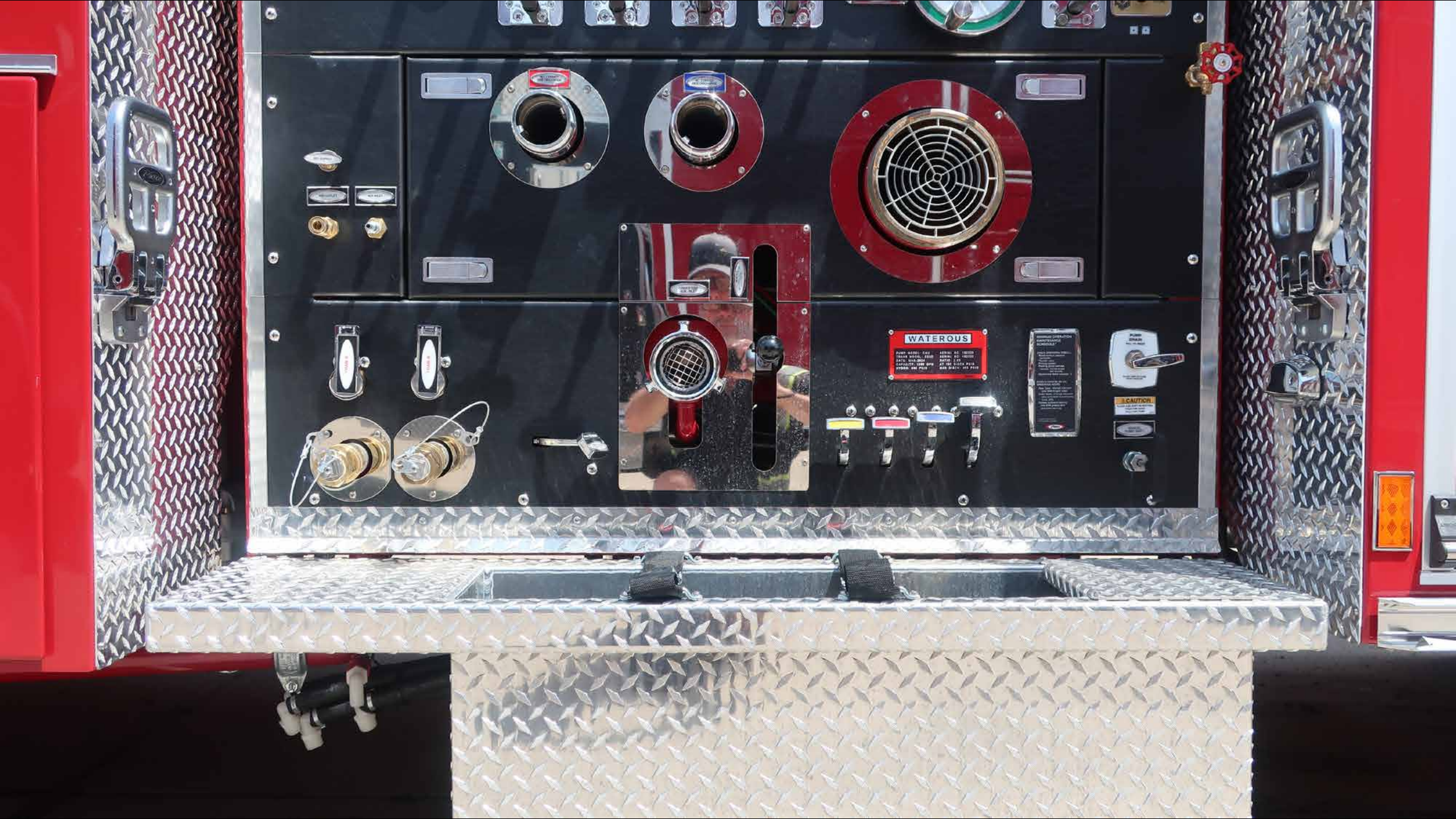
NO. 2 DRIVER SIDE DISCHARGE

NO. 4 PASSENGER SIDE DISCHARGE

NO. 1 DRIVER SIDE DISCHARGE

NO. 1 DRIVER SIDE DISCHARGE

NO. 3 DRIVER SIDE DISCHARGE



WATEROUS

PUMP MODEL: 445 SERIAL NO: 18035
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OPERATION
INSTRUCTIONS
PUMP
OPERATION
INSTRUCTIONS
PUMP
OPERATION
INSTRUCTIONS
PUMP
OPERATION
INSTRUCTIONS
PUMP
OPERATION
INSTRUCTIONS

CAUTION



LARGE DIA. PASS. SIDE DISCHARGE

TRIDENT AIR PRIME
PUSH TO PRIME

NO. 2 DRIVER SIDE DISCHARGE

DRIVER SIDE AUX INLET

WATEROUS

MINIMUM OPERATION MAINTENANCE

PUMP DRAIN
PULL TO DRAIN

NO. 1 DRIVER
SIDE DISCHARGE

NO. 2 DRIVER
SIDE DISCHARGE

AIR SUPPLY

AIR OUTLET

AIR INLET



DRIVER SIDE
AUX INLET

ZURLO
WALD

FOAM A

FOAM B



WATEROUS

PUMP MODEL: CSU SERIAL NO: 182329
TRANS MODEL: C22D SERIAL NO: 182329
DATE: MAR-2024 RATIO: 2:03
CAPACITY: 1250 GPM AT 150 DISCH PSIG
HYDRO: 600 PSIG MAX DISCH: 400 PSIG

52908

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 90 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



2232819

**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

PULL TO OPEN

NO. 1 DRIVER
SIDE DISCHARGE

PULL TO OPEN

NO. 2 DRIVER
SIDE DISCHARGE

PULL TO OPEN

PASSENGER MAIN INLET

AIR OUTLET

AIR INLET



PULL TO OPEN

**DRIVER SIDE
AUX. INLET**















ABCO-IT

Nitto
www.nitto.com
Nitro
www.nitto.com
Nitro
www.nitto.com

Pierce



NO. 3 CROSSLAY

NO. 2 CROSSLAY

NO. 1 CROSSLAY

⚠ 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 RESTRAINED POSITION.

TO RAISE:

1. SECURE ALL EQUIPMENT
2. OPEN SAFETY LOCKS (IF APPLICABLE)
3. CLEAR OPERATIONAL AREA
4. TURN ON MASTER SWITCH
5. PUSH UP SWITCH UP UNTIL FULLY RAISED
6. TURN OFF MASTER SWITCH
7. BRIDGE 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 LB DOWN UNTIL FULLY LOWERED
6. TURN OFF MASTER SWITCH

POWERED EQUIPMENT RACK

OFF ON

MASTER

UP DOWN

LIFT

⚠ CAUTION

CHECK OVERHEAD AREA, HUMPED COMPARTMENTS, HUMPED, AND SHIRT HOODS 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 ROCK ON THE CAB WITHOUT STAY ARM IN THE SUPPORT POSITION. FAILING TO FOLLOW PROPER PROCEDURES CAN RESULT IN INJURY OR DEATH.

CAB LIFT OPERATING INSTRUCTIONS

TO RAISE CAB:

1. Prepare cab to tilt.
- Turn on start section.
- Turn engine OFF.
- Set parking brake.
- Secure loose items in cab.
- No occupants in tilt path.
- Hold up straps on rear wall.
- Turn battery switch to ON.
- Turn spooler switch to ON.
- More control switch to RAISE.
- Press ACTIVATE switch until cab fully tilts.
- Press safety Stay-Arm into pocket.
- More control switch to LOWER.
- Press ACTIVATE switch until cab is resting on Stay-Arm.

TO LOWER CAB:

1. Prepare cab to lower.
- Check that no persons or obstructions are in tilt path.
- Hold up chair on rear wall.
- Parking brake must be set.
- Turn battery switch to ON.
- Turn spooler switch to ON.
- More control switch to RAISE.
- Press ACTIVATE switch until cab is off safety Stay-Arm.
- Clear and secure Stay-Arm.
- More control switch to LOWER.
- Press ACTIVATE switch until cab fully lowers and has 3 seconds after cab comes to rest.
- Make sure cab is latched.
- Reset before operating vehicle.

Manual Override: See Operation Manual

RAISE

LOWER

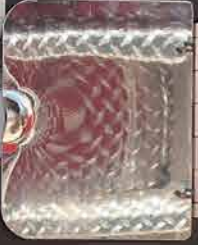
ACTIVATE

2644992-0001 CAB LIFT



PASSENGER SIDE SCENE LIGHTS

AIR HORN





⚠ 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.

OFF ON

MASTER

UP LIFT DOWN

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

1324181

PASSENGER SIDE SCENE LIGHTS

AIR HORN

⚠ CAUTION
CHECK OVERHEAD AREA, DUMPER COMPONENTS, MIRRORS, AND SIGHT ROGS 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 lift 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:

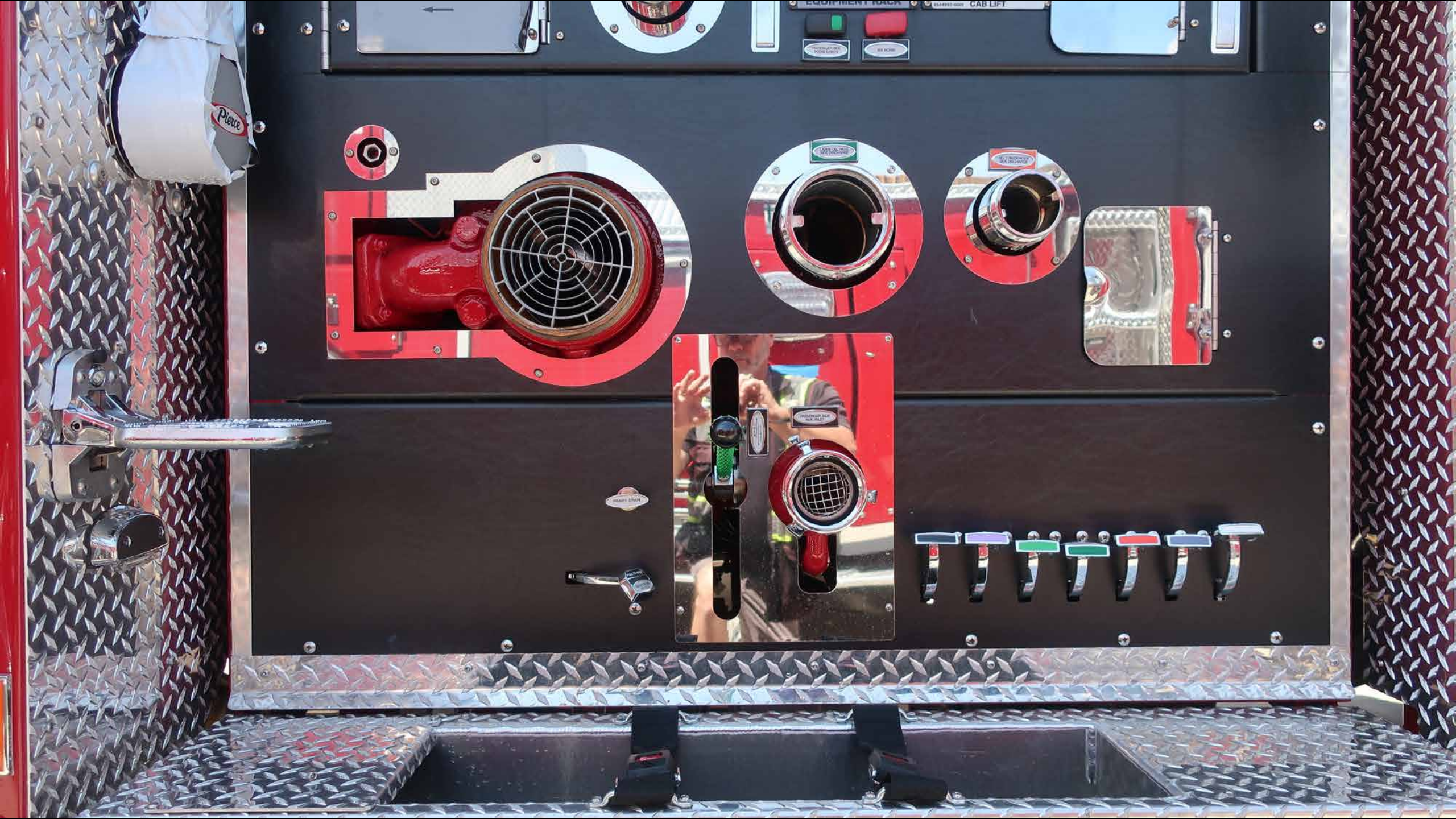
1. Prepare cab to lower:
Check that no persons or obstructions are in lift path.
Fold up steps on rear wall.
2. Parking brake must be set.
3. Turn battery switch to ON.
4. Turn ignition switch to ON.
5. Move control switch to RAISE.
6. Press ACTIVATE switch until cab is off safety Stay-Arm.
7. Slow and 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

ACTIVATE

2644992-0001 CAB LIFT



EQUIPMENT TRACK

CAB LIFT

1200 PSI
1000 PSI

100 PSI

Pierce

100 PSI

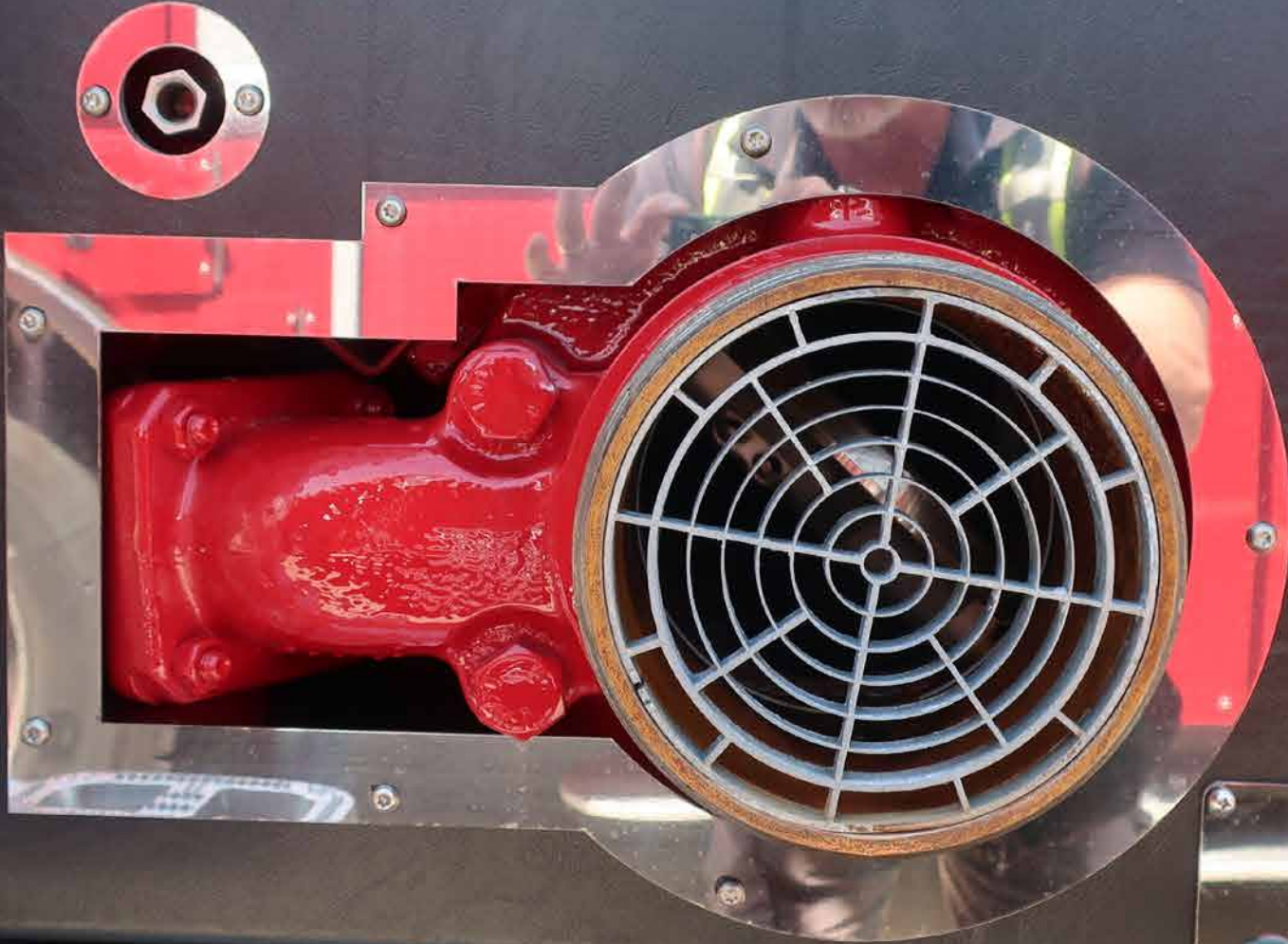
100 PSI

100 PSI

100 PSI

100 PSI





PASSENGER SIDE
SCENE LIGHT

LARGE DIA. TOP
SIDE DISCHARGE

PASSENGER SIDE
AIR INLET



PILSENER BEER

PULL TO OPEN PULL TO OPEN PULL TO OPEN PULL TO OPEN PULL TO OPEN PULL TO OPEN PULL TO OPEN

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. 3 CROSSLAY

PULL TO OPEN
NO. 2 CROSSLAY

PRIMER DRAIN



PULL TO OPEN
PASSENGER MANIFOLD

PASSENGER SIDE
AUX. INLET

OPEN
CLOSE

ER DRAIN



PRIMER DRAIN

PULL TO OPEN
PASSENGER SIDE
AUX. INLET















RAMBER
WINSTON

Pierce
911

SRS

WARNING



Plesce

ENJOY

THE BEST OF BOTH WORLDS

THE BEST OF BOTH WORLDS



GAMBER
JOHNSON

HAVIS

SIREN BRAKE

Dual Port USB



INPUT
12 24V DC





ATTENTION
ADVERTENCIA



AIR HORN



ELECTRONIC
SIREN





Aux

- Aux Select
- Receive

Radio

- Monitoring
- Radio Select
- Receive
- Transmit



Rx

Tx



VOLUME



SQUELCH



FIRE  **COM**







HUGHES FIRE EQUIPMENT