

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

Wk 11 Production ending July 5, 2024

- The pumper continues assembly at the 41 plant.













SPOTTER REQUIRED
WHEN BACKING
Pierce

OPERATOR'S CHECKLIST
1. Check fluid levels
2. Check tire pressure
3. Check battery charge
4. Check horn and lights
5. Check mirrors
6. Check seat belt
7. Check fire extinguisher
8. Check fire department emblem
9. Check fire department name
10. Check fire department address
11. Check fire department phone number
12. Check fire department radio frequency
13. Check fire department radio channel
14. Check fire department radio call sign
15. Check fire department radio name
16. Check fire department radio number
17. Check fire department radio name
18. Check fire department radio number
19. Check fire department radio name
20. Check fire department radio number

Always wear your seat belt.
If you are not wearing your seat belt, you may be fined.
If you are not wearing your seat belt, you may be arrested.

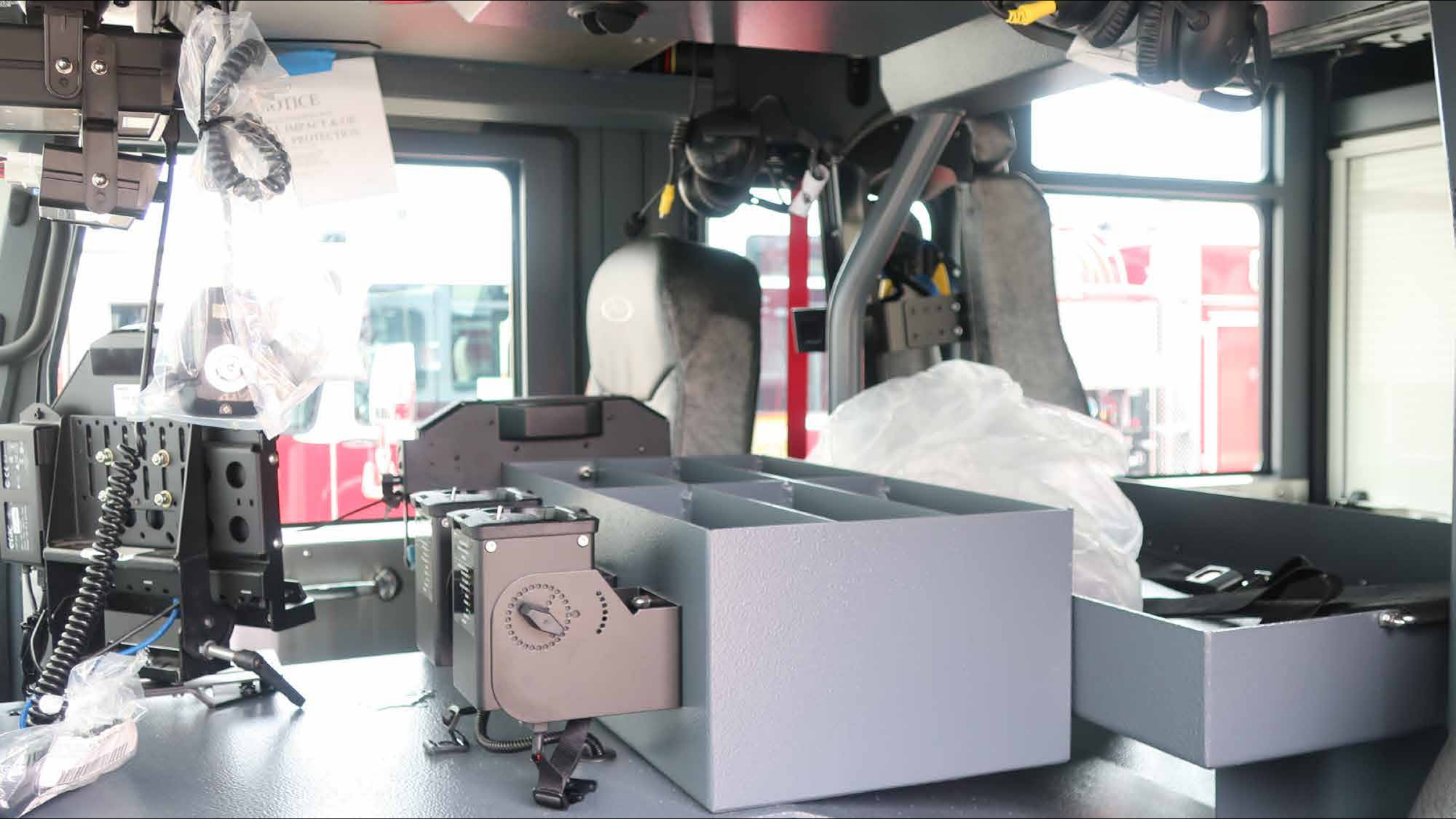


NOTICE
FRONTAL IMPACT & AIR
AIDE ROLL PROTECTION

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NOTICE
FRONTAL IMPACT & AIR
AIDE ROLL PROTECTION

NOTICE
FRONTAL IMPACT & AIR
AIDE ROLL PROTECTION



NOTICE
IMPACT & AIR
PROTECTION



MADE WITH PRIDE IN AMERICA BY PEOPLE WHO CARE

START

IGNITION

E-H
OFF
PANEL
PANEL

ON
HI IDLE
OK-HI IDLE

The Pierce logo is located in the bottom left corner of the image, next to a small disclaimer text.



15

POWER [] [] CH- MENU SEL



SIREN BRAKE

DEFROST DISABLE

LOAD MANAGER

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



Alison Transmission

MODE

R N D

[] []

Pierce

AUTO 8.8

[] [] []

ROAD TO PUMP
1. STOP TRUCK
2. SHIFT TRUCK TRANSMISSION TO NEUTRAL
3. SET PARKING BRAKE



POWER



CH-

MENU

SEL



POWER



CH-

MENU

SEL



SIREN
BRAKE

DEFROST
DISABLE

LOAD
MANAGER



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



USE
 WHEN
 OR S



Pierce

AUTO

8.8



Whelen part: 01-0418599-00 0
KIT, INSTALLATION 291
01/08/2024



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

HIGH BEAM FLASH OFFICER FRONT FLOOD SIDE SCENE HAZARD LIGHTS

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**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**



DELIGHT

AIR
HORN

CYCLE

OFF
MANUAL
WAIL
TONE 1
TONE 2

VOLUME

BRAKE

RADIO

 FEDERAL SIGNAL













FAIRLEADS
RPM
RPM
STOP
START

CLAMP
STARTER DISCONNECT
RECOVERED BY
NEAR WORK
LIGHTS
TCL PENDING
AIR HORN

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

NO. 1 CROSSLAY
NO. 2 CROSSLAY
NO. 3 CROSSLAY

REEL DISCHARGE
DELUGE DISCHARGE
FRONT DISCHARGE
PASSENGER REAR DISCHARGE

TANK FILL & RE-CIRCULATING LINE



PASSENGER MAIN INLET
WATERDOG

NO. 1 DRIVER SIDE DISCHARGE
NO. 3 PASSENGER SIDE DISCHARGE
NO. 2 DRIVER SIDE DISCHARGE
NO. 4 PASSENGER SIDE DISCHARGE



PRIMER FIRE PUMP
TYBERT
AIR PRIME
PUSH TO PRIME

TANK TO PUMP

NO. 1 DRIVER SIDE DISCHARGE
NO. 1 PASSENGER SIDE DISCHARGE



PUMPBOSS
CHECK ENGINE STOP ENGINE
8888
RPM
MENU SILENCE
THROTTLE READY
PRESSURE RPM PRESET
IDLE
Cummins





REEL DISCHARGE



DELUGE DISCHARGE



FRONT DISCHARGE



PASSENGER REAR DISCHARGE



TANK FILL & RE-CIRCULATING LINE



NO. 2 DRIVER SIDE DISCHARGE



NO. 4 PASSENGER SIDE DISCHARGE



LARGE DIA. PASS. 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 DISCHARGE

PASSENGER MAIN INLET

OPEN CLOSED

WATEROUSE



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. 2 DRIVER SIDE DISCHARGE



Panel with various components including gauges, valves, and a central display.

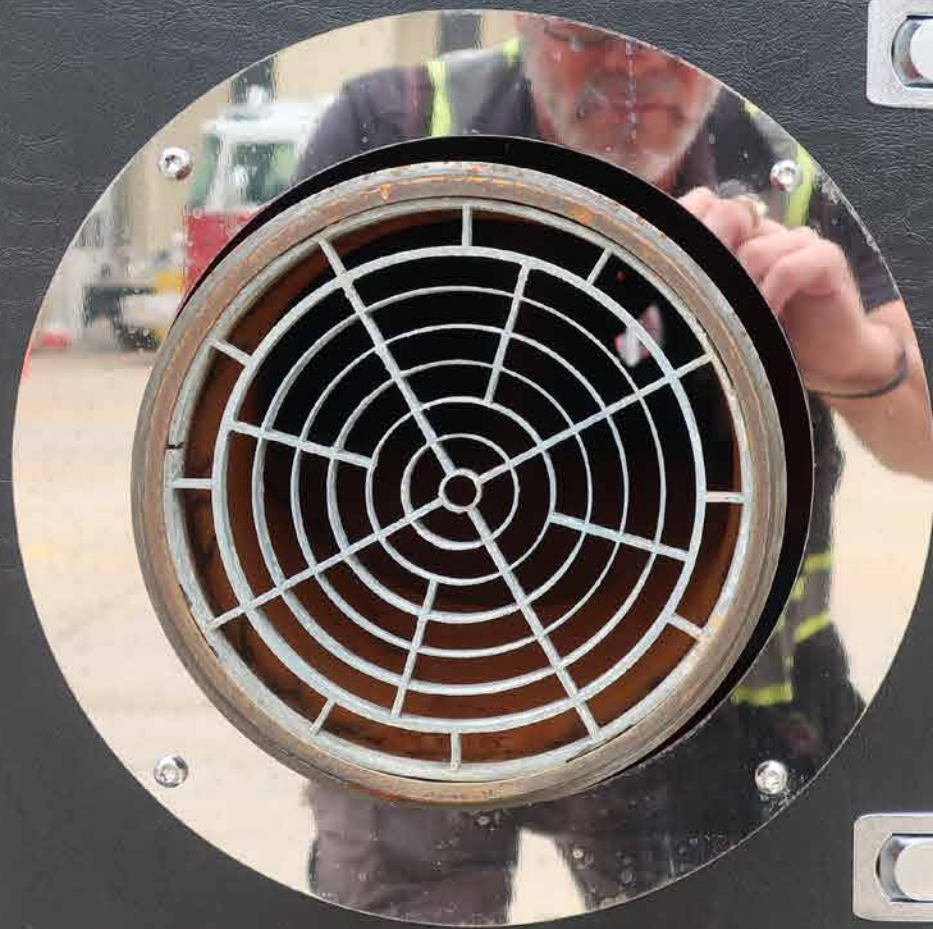
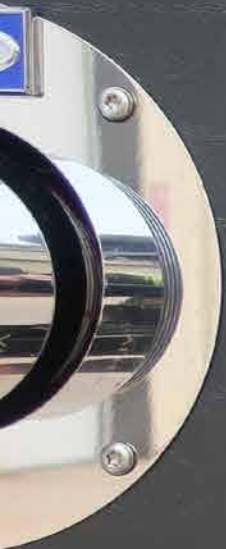
Labels on the left side: AIR SUPPLY, AIR FLOW, AIR FLOW.

Labels on the right side: WATEROUS, PUMP OIL IN, CAUTION, MAINT. FLUID OIL.

Technical specifications on the red label:

PUMP MODEL: CVT	SERIAL NO: 180239
FRAM NO: 1202	SERIAL NO: 180239
DATE: MAX 02/88	RT TIME: 2:10
CAPACITY: 180 GPM	AL: 1.00 21000 PA10
HYDRO: 600 PSI	MAX DISCH: 100 PSI





WATEROUS

MINIMUM OPERATION
MAINTENANCE
SCHEDULE*

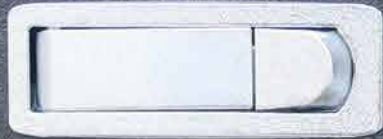
PUMP
DRAIN
PULL TO DRAIN



AIR SUPPLY

AIR OUTLET

AIR INLET



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



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



AIR OUTLET

AIR INLET



PULL TO OPEN
DRIVER SIDE
AUX. INLET











6
FT

10
FT





PASSENGER REAR
DISCHARGE











NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 3 CROSSLAY

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.

OFF ON

MASTER

UP

LIFT

⚠ CAUTION

UNLESS PROPERLY TRAINED, OPERATOR, MAINTENANCE, AND SERVICE PERSONNEL SHOULD NOT ATTEMPT TO REPAIR OR MAINTAIN THIS EQUIPMENT.

⚠ DANGER

THIS EQUIPMENT MUST BE IN THE RAISED POSITION BEFORE ANY MAINTENANCE OR REPAIR WORK IS DONE ON THE LIFT. ALWAYS USE THE LIFT'S SAFETY SYSTEM TO LOWER THE LIFT TO THE FULLY LOWERED POSITION. ALWAYS FOLLOW THE LIFT'S SAFETY SYSTEM TO RAISE THE LIFT TO THE FULLY RAISED POSITION. ALWAYS USE THE LIFT'S SAFETY SYSTEM TO LOWER THE LIFT TO THE FULLY LOWERED POSITION.

RAISE

CAN LIFT OPERATING INSTRUCTIONS

TO RAISE CAB

1. Prepare cab to lift.
2. Push up lift control.
3. Push up lift control until lift is fully raised.
4. Push up lift control until lift is fully raised.
5. Push up lift control until lift is fully raised.
6. Push up lift control until lift is fully raised.
7. Push up lift control until lift is fully raised.
8. Push up lift control until lift is fully raised.
9. Push up lift control until lift is fully raised.
10. Push up lift control until lift is fully raised.

TO LOWER CAB

1. Prepare cab to lower.
2. Push down lift control.
3. Push down lift control until lift is fully lowered.
4. Push down lift control until lift is fully lowered.
5. Push down lift control until lift is fully lowered.
6. Push down lift control until lift is fully lowered.
7. Push down lift control until lift is fully lowered.
8. Push down lift control until lift is fully lowered.
9. Push down lift control until lift is fully lowered.
10. Push down lift control until lift is fully lowered.



⚠ DANGER
MOVING EQUIPMENT RACK

EMPTY CLEAR UP RACK AREA
OR EQUIPMENT IS LOADED
FULLY TO PROTECT PASSENGERS AND
CARGO. RACKS MUST BE
SECURED BACK IMMEDIATELY TO
CAUSE INJURY OR DEATH.

TO RAISE:
1. VERIFY ALL PASSENGERS
AND CARGO IS SECURED
2. VERIFY EQUIPMENT IS
FULLY LOADED
3. VERIFY EQUIPMENT IS
FULLY SECURED
4. VERIFY EQUIPMENT IS
FULLY SECURED

TO LOWER:
1. VERIFY EQUIPMENT IS
FULLY UNLOADED
2. VERIFY EQUIPMENT IS
FULLY UNLOADED
3. VERIFY EQUIPMENT IS
FULLY UNLOADED

**POWERED
EQUIPMENT RACK**

OFF ON

MASTER

UP DOWN

LIFT

⚠ CAUTION

⚠ DANGER

CAB LIFT EMERGENCY INSTRUCTIONS

TO RAISE CAB: 1. Press UP to lift
2. Press UP to lift
3. Press UP to lift

TO LOWER CAB: 1. Press DOWN to lower
2. Press DOWN to lower
3. Press DOWN to lower

RAISE LOWER

ACTIVATE

2644892-0001 CAB LIFT

PASSENGER AIR DISCHARGE

AIR RETURN

NO. 1 PASSENGER AIR DISCHARGE

NO. 2 PASSENGER AIR DISCHARGE

NO. 3 CROSSLAY

NO. 2 CROSSLAY

NO. 1 CROSSLAY

NO. 4 PASSENGER
SIDE DISCHARGE

⚠ 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**

1324181

OFF ON

MASTER

UP DOWN

LIFT

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 safely Stay-Arm.
7. Stow 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

⚠ CAUTION
CHECK OVERHEAD AREA, BUMPER
COMPONENTS, MIRRORS, AND SIGHT HOOD
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.

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.

MASTER



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)

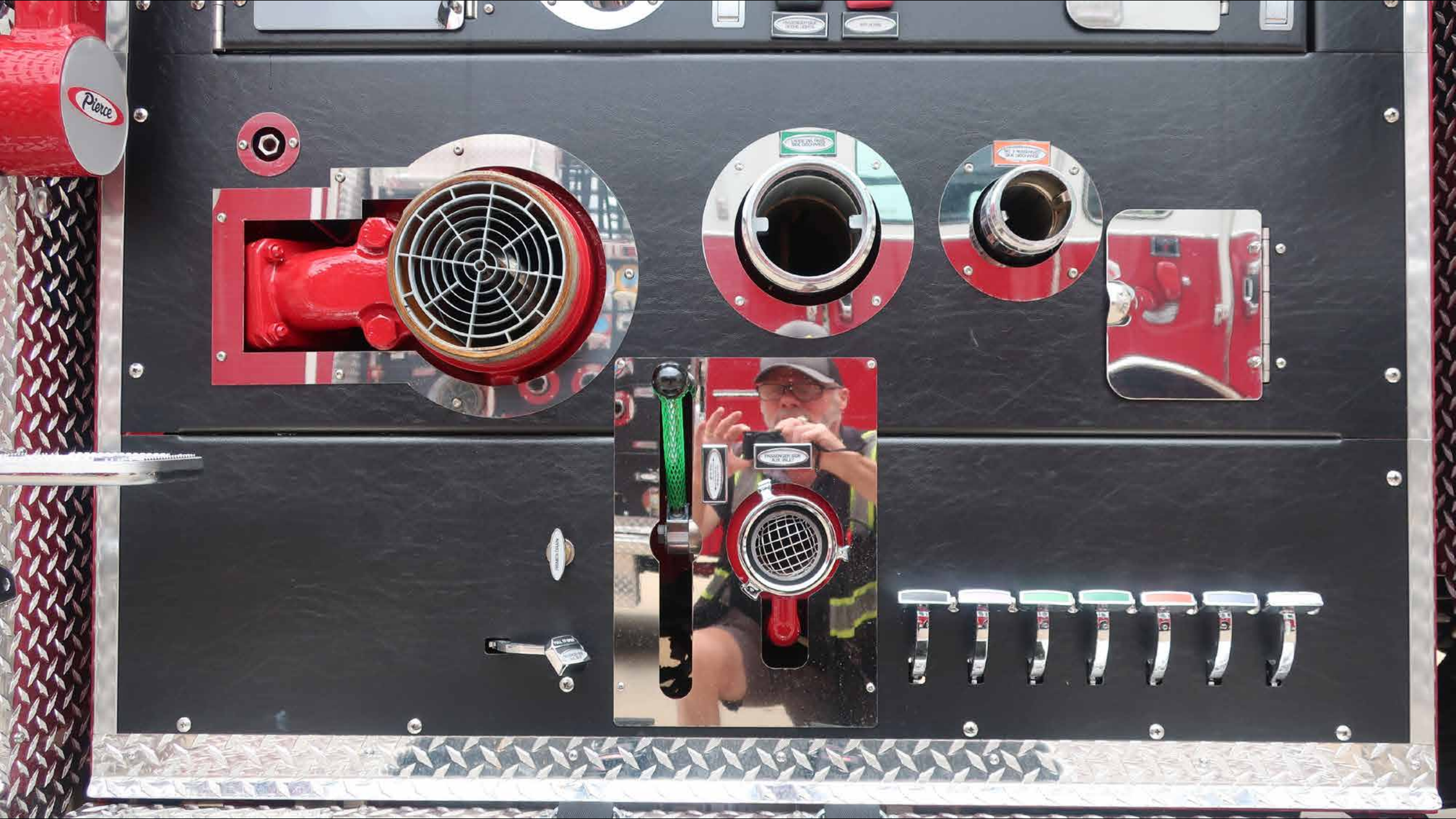
TO LOWER:

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





Pierce

WATER FLOW GAUGE

WATER FLOW GAUGE

PRESSURE GAUGE

PRESSURE GAUGE

PULL TO OPEN

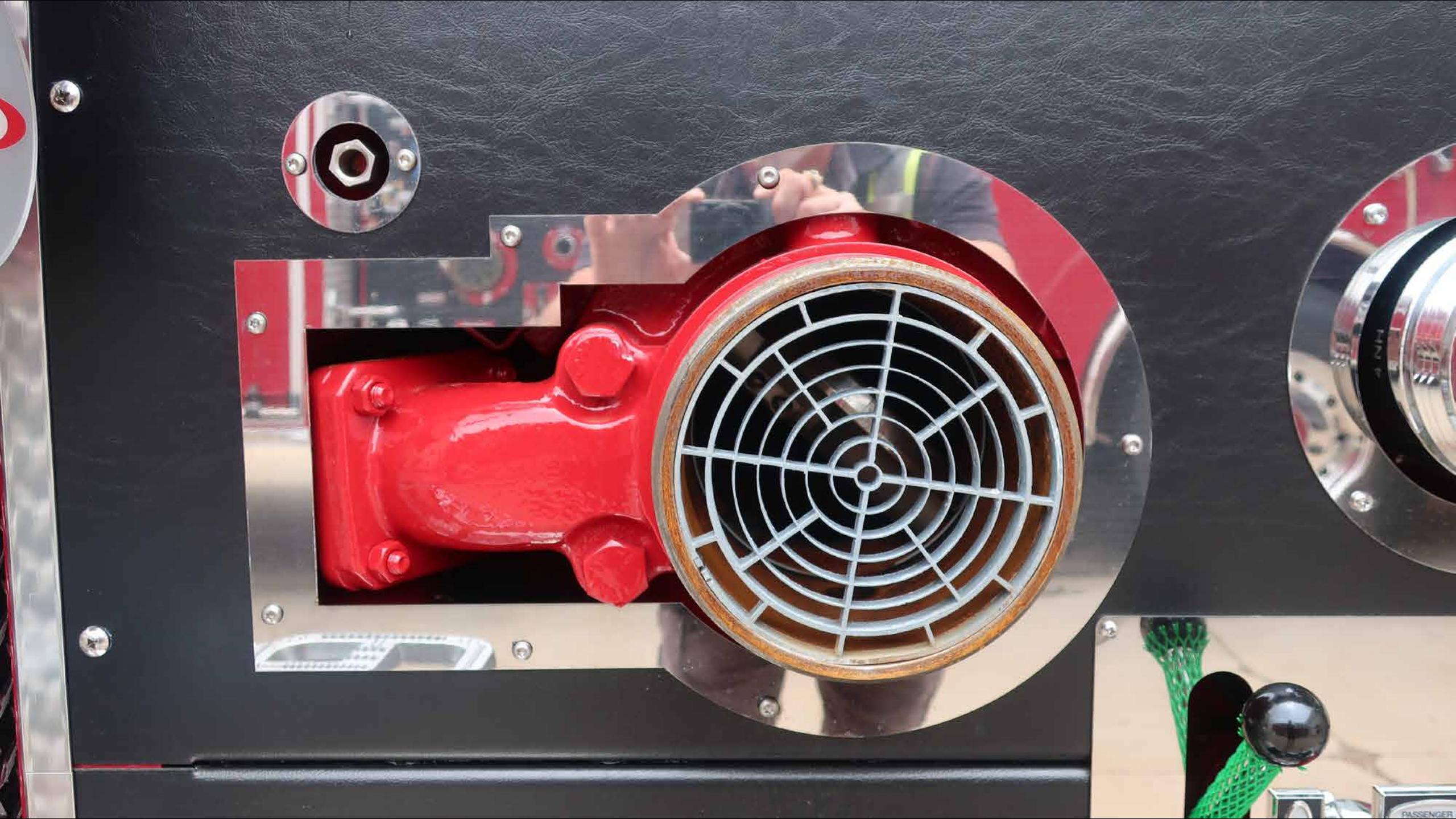
PULL TO OPEN



Blue handle, White handle, Green handle, Red handle, Orange handle, Blue handle, White handle

LARGE DIA. PASS.
SIDE DISCHARGE

NO. 3 PASSENGER
SIDE DISCHARGE



PULL TO OPEN
PASSENGER MAIN INLET

PULL TO OPEN
PASSENGER REAR DISCHARGE

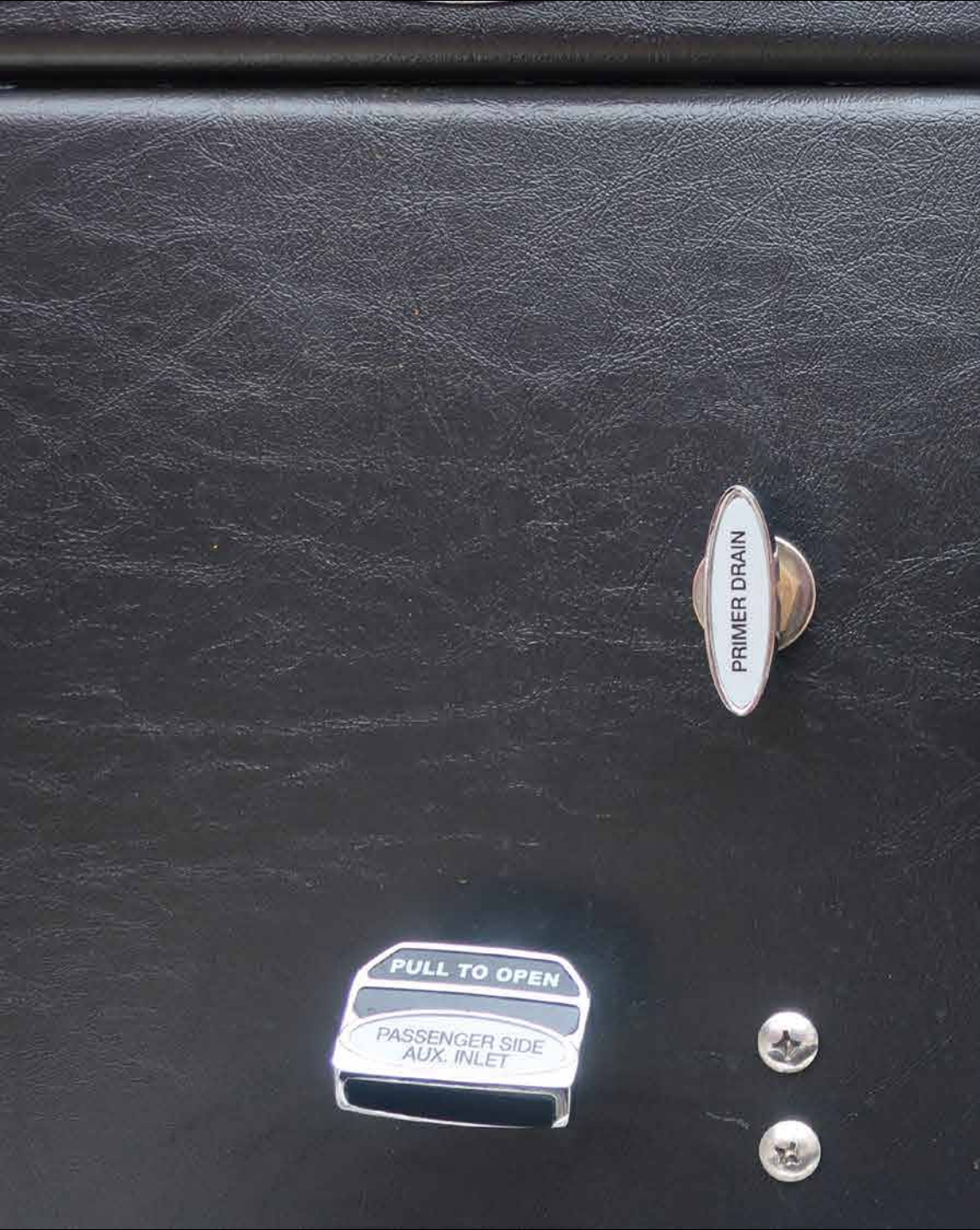
PULL TO OPEN
NO. 4 PASSENGER SIDE DISCHARGE

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









Pierce



SRS

WARNING

WARNING
Customer Seat - Firefighter's Equipment
Always provide the correct protection for all fire-fighting equipment.
Always use the correct seat belt.
Pull it in tight.
Hold the seatbelt up.
Don't let the seatbelt down.
Transport children in rear seating positions only.
Please do not drink and drive.





GAMBER
JOHNSON

HAVIS



SIREN BRAKE







NO TUCKER
THIS TRUCK IS EQUIPPED WITH
FRONTAL ROLL OVER PROTECTION
SIDE ROLL OVER PROTECTION
STEERING WHEEL
SEATBELT
THATCHER

FIRE.COM



Aux

- Aux Select
- Receive



Rx

Tx



Radio

- Monitoring
- Radio Select
- Receive
- Transmit



VOLUME

SQUELCH



FIRE  **COM**









HUGHES FIRE EQUIPMENT