

# Photo Album for Pierce Job 38183-02 Tucson Fire Department, AZ Custom Enforcer Pumper

Wk 9 Production ending June 14, 2024

- The pumper continues assembly at the 41 plant.



Quality Policy

AL ASSEMBLY PER LANE 18

38183-2

Ford







391832

HAWK











Instrument cluster containing the following gauges:

- Water Temperature:** Scale 170 F to 230 F. Needle at approximately 185 F.
- DEF (Defrost):** Scale 1/2 to 3/4. Needle at approximately 1/4.
- Oil Pressure:** Scale 0 to 100 PSI. Needle at approximately 40 PSI.
- RPM:** Scale 0 to 25 (x100). Needle at approximately 12.
- Speedometer:** Scale 0 to 85 MPH (with 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300 markings). Needle at approximately 15 MPH.
- Fuel:** Scale E to F. Needle at approximately 1/4.
- Volts:** Scale 10 to 16. Needle at approximately 14.
- Front Tire Pressure:** Scale 0 to 150 PSI. Needle at approximately 80 PSI.
- Rear Air Pressure:** Scale 0 to 150 PSI. Needle at approximately 80 PSI.
- Temperature:** Scale 150 F to 250 F. Needle at approximately 175 F.

ULTRA LOW SULFUR  
DIESEL FUEL ONLY

Control panel with the following buttons:

- Left: E-H
- Middle: DEF (with DEF icon)
- Right: PANEL (with up arrow icon)
- Bottom: OFF



EMERGENCY STOP

ENGINE BRAKE ON/OFF ENGINE BRAKE HOLD/RELEASE

R N D



PLEASE DO NOT REMOVE THIS TAG FROM THE SYSTEM PARK BRAKE RELEASE



POWER ◀ ⚙ ⚙ ▶ CH- MENU SEL

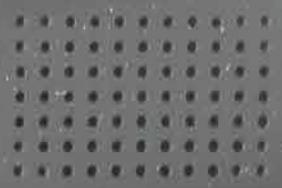
POWER



CH-

MENU

SEL



SIREN  
BRAKE



DEFROST  
DISABLE

LOAD  
MANAGER



ENG BRK  
ON/OFF

ENG BRK  
HI/MED/LO

SIREN  
HORN

PERIMETER  
LIGHTS

MIRROR  
HEAT

 Allison



Pierce

8.8

AUTO



MIRROR  
HEAT

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

ROCK SWITCH





**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

OFF  
MANUAL  
WAIL  
TONE 1  
TONE 2

VOLUME

 FEDERAL SIGNAL













**INTAKE RELIEF VALVE**  
- PULL HANDLE OUT TO RELEASE  
- TURN TO CHANGE SET PRESSURE  
- PUSH HANDLE IN TO LOCK



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

REEL DISCHARGE



DELUGE DISCHARGE



FRONT DISCHARGE



PASSENGER REAR DISCHARGE



ENGINE COOLANT



PASSENGER MAIN BATTERY



NO. 1 DRIVER SIDE DISCHARGE



NO. 3 PASSENGER SIDE DISCHARGE



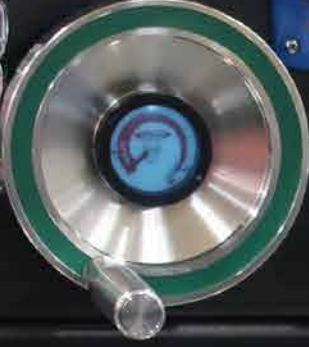
NO. 2 DRIVER SIDE DISCHARGE



NO. 4 PASSENGER SIDE DISCHARGE



TANK TO PUMP



TANK TO PUMP

**PRIMER FIRE PUMP**  
PUSH TO PRIME





TANK FILL & RE-CIRCULATING LINE

ARGE

DELUGE DISCHARGE

FRONT DISCHARGE

PASSENGER REAR DISCHARGE



ENGINE COOLER



TANK TO PUMP

PRIMER FIRE PUMP  
TRIDENT AIR PRIME  
PUSH TO RIME

VER  
ARGE

NO. 4 PASSENGER SIDE DISCHARGE

LARGE DIA. PASS. SIDE DISCHARGE

ING INSTRUCTIONS  
FOR ENHANCED PRIMING PERFORMANCE, TURN ENGINE AT 1000 RPM WHILE PRIMING

**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**



**D**



**PASSENGER MAIN INLET**

OPEN CLOSED

**WATEROUS**



**NO. 1 DRIVER SIDE DISCHARGE**



**NO. 3 PASSENGER SIDE DISCHARGE**



**NO. 2 DRIVER SIDE DISCHARGE**



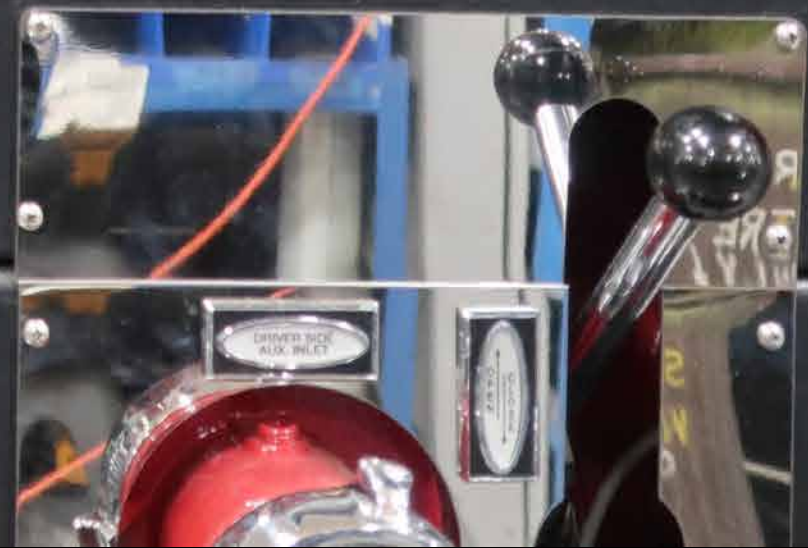
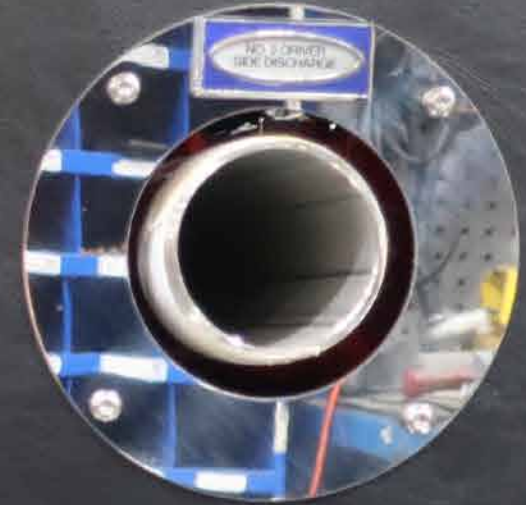




AIR SUPPLY

AIR OUTLET

AIR INLET







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

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









FOAM A

FOAM B

PULL TO OPEN  
DRIVER SIDE  
AUX. INLET

DRIVER SIDE  
AUX. INLET

FLOW



















CAB LEFT OPERATING AND TRUCK TOGGLE

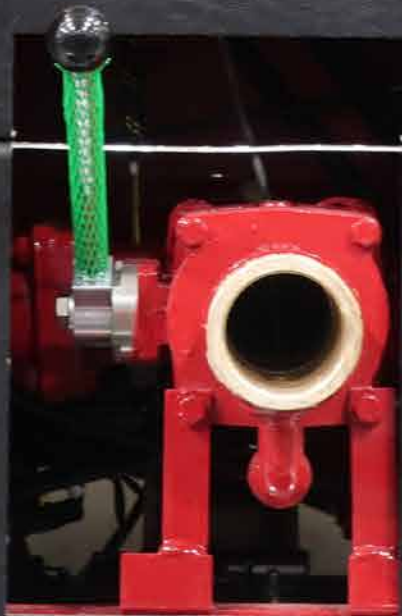
**CAUTION**  
 Do not operate the cab lift with passengers in the cab. The cab lift is designed to lift the cab and not the passengers. The cab lift is not to be used to lift the cab and passengers. The cab lift is not to be used to lift the cab and passengers. The cab lift is not to be used to lift the cab and passengers.

**RAISE**

**LOWER**

2644962-0001 CAB LIFT







**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.

**RAISE**

**LOWER**

**2644992-0001 CAB LIFT**

**CAB LIFT OPERATING INSTRUCTIONS**

**TO RAISE CAB:**

1. Prepare cab to tilt: 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.
5. 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 tilt path; Fold up steps on rear wall; Parking brake must be set.
2. 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. Stand 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.

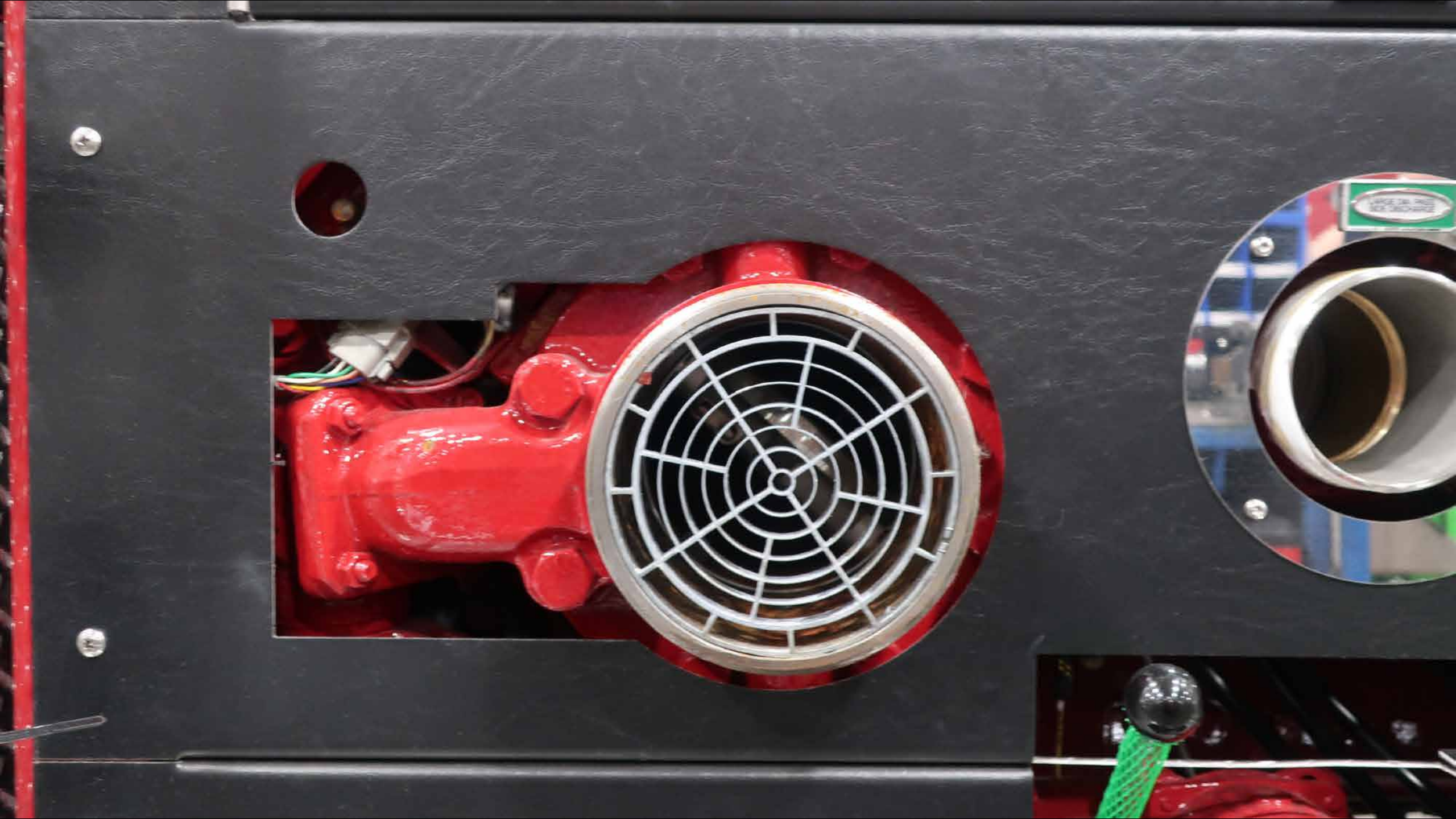
Manual Override: See Operation Manual

**ACTIVATE**



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

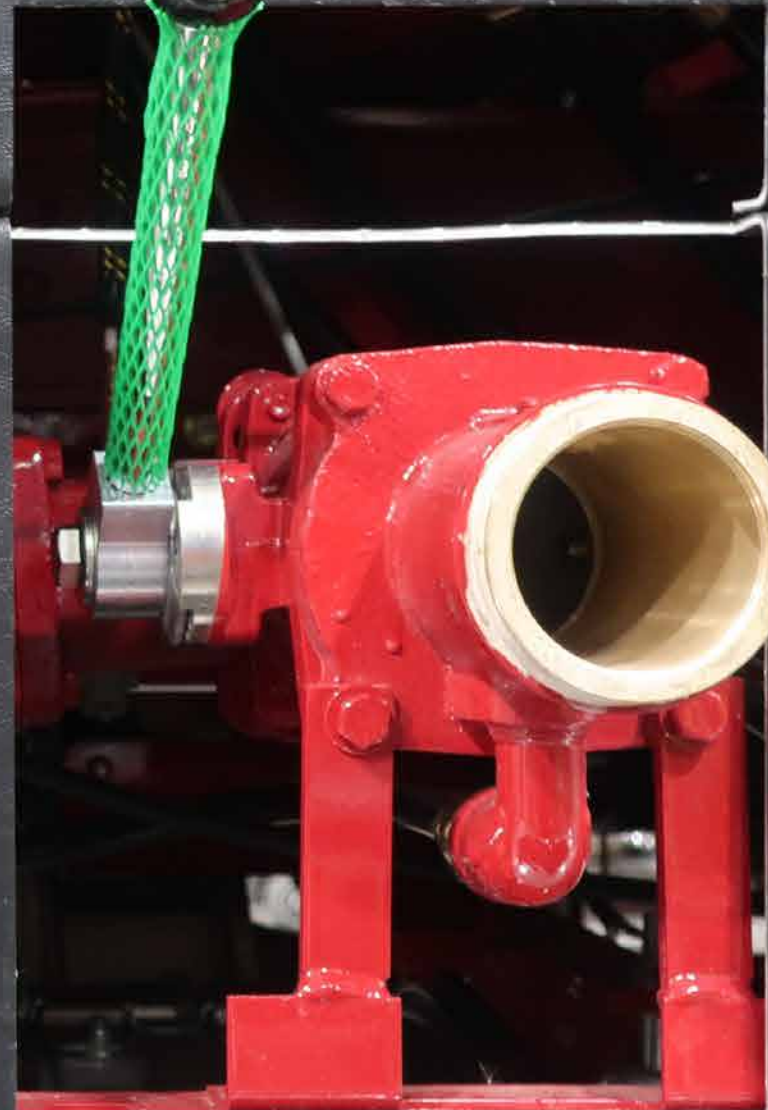
PULL TO OPEN  
NO. 3 PASSENGER  
SIDE DISCHARGE

PULL TO OPEN  
NO. 3 CROSSLAY

PULL TO OPEN  
NO. 2 CROSSLAY

PRIMER DRAIN

PULL TO OPEN  
PASSENGER SIDE  
AUX INLET



























SIREN BRAKE

Dual Port USB  
INPUT  
12 24V DC

Dual Port USB  
INPUT  
12 24V DC

QC4.0

AIR HORN



ELECTRONIC  
SIREN







Aux

- Aux Select
- Receive

Radio

- Monitoring
- Radio Select
- Receive
- Transmit



Rx

Tx



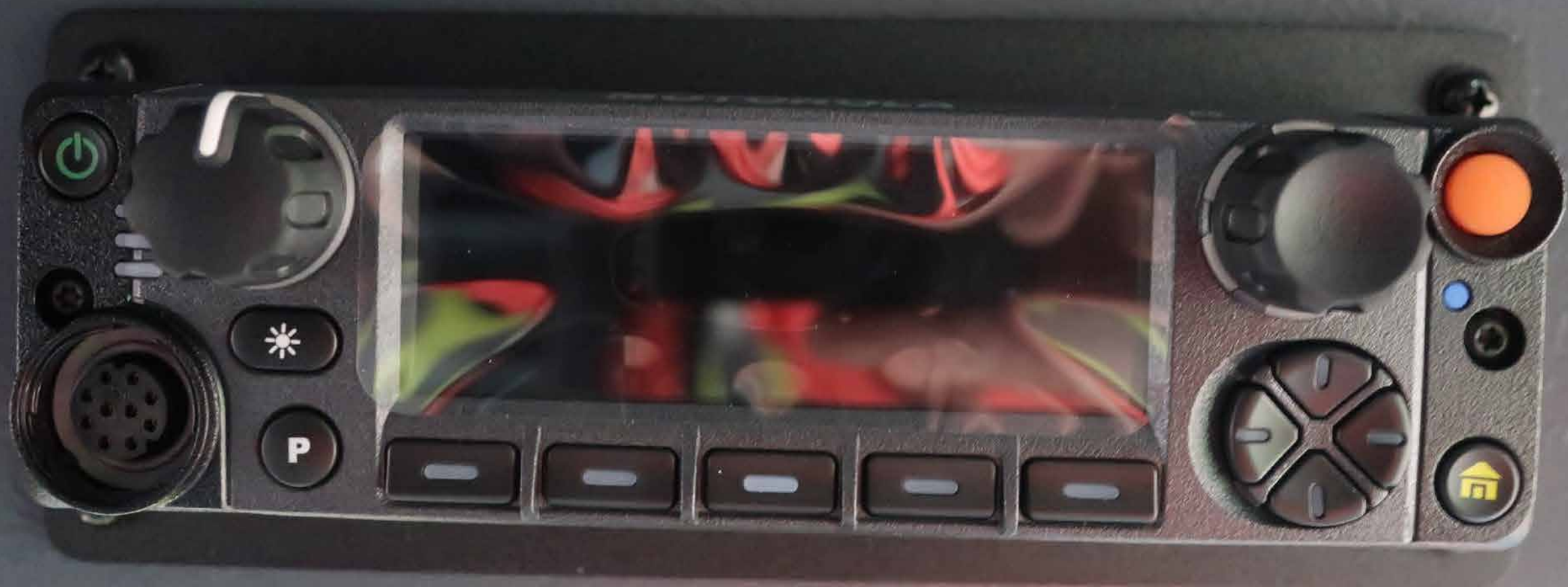
VOLUME



SQUELCH

**FIRE**  **COM**











**HUGHES FIRE EQUIPMENT**