

Photo Album for Pierce Job 38284  
City of Casa Grande Fire Department, AZ  
Custom Velocity Pumper

Wk 8 Production ending June 28, 2024

- The pumper continues assembly at the 41 plant.



B4025  
3 TON

7575

Pierce







FINAL ASSEMBLY  
LANE 3A  
STATION 4

24  
GREEN  
PAPER

WHITE  
PAPER

15357

Pteron

THNS





OPERATOR'S MANUAL  
Pierce P56  
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 tired or drowsy.  
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 or have any medical conditions.  
8. Do not use the vehicle if you are wearing any restrictive clothing.  
9. Do not use the vehicle if you are wearing any jewelry.  
10. Do not use the vehicle if you are wearing any shoes that are not properly maintained.  
11. Do not use the vehicle if you are wearing any shoes that are not properly laced.  
12. Do not use the vehicle if you are wearing any shoes that are not properly cleaned.  
13. Do not use the vehicle if you are wearing any shoes that are not properly shined.  
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100. Do not use the vehicle if you are wearing any shoes that are not properly maintained.

Pierce P56

AUTO CHARGE  
EDVEMAX

WARNING  
CAUTION







**ALISON**  
TRANSMISSION

MODE

R

N

D

EMERGENCY MASTER

ROOF LIGHT

FRONT WASHING

SIDE WASHING

LOWER SEAL WASHING

UPPER SEAL WASHING

ENG BRK ON/OFF

ENG BRK LO/HIGH

HORIZN HEAT

MEDICAL COOLER

OFF-ROAD TRACTION

HIGH BEAM FLASH

OPTICON

WHITE WASHING

MOMENTARY OPTICON

SEMI BRAKE

PUMP ENGAGED

OE TO PUMP

ROAD TO PUMP

1. STOP TRUCK
2. SHIFT TRUCK TRANSMISSION TO NEUTRAL
3. SET PARKING BRAKE
4. THROW LEVER DOWN
5. ENGAGE TRUCK TRANSMISSION P/D DRIVE

PUMP

PUMP TO ROAD

1. SHIFT TRUCK TRANSMISSION TO NEUTRAL
2. THROW LEVER UP
3. RELEASE PARKING BRAKE APPLY SERVICE BRAKE
4. ENGAGE TRUCK TRANSMISSION

CAUTION

**WILEN**  
TRANSMISSION

LEFT SHIFT  
RIGHT SHIFT  
L/2H

PROGRAMMABLE



START

IGNITION

MADE WITH PRIDE IN AMERICA BY PEOPLE WHO CARE

E-M

OFF

PANEL

HI IDLE

ON HI IDLE

**SPOTTER WHEN SPOTTING**

Key Points

1. If you control the spotter, you control the spot.
2. If in sight of the spotter, you may see the spotter's spot.
3. Always follow the spotter's lead.
4. Never drive without a spotter.
5. Ensure your spotter is clear.



**ATISUM**  
T112000000

30-PSI

R MODE

N ↕

D ↕

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

ENG. BRK. ON/OFF ENG. BRK. LOCK/HEAT HORN/HEAT MEDICAL COOLER OFF-ROAD TRACTION

**WHEELS**

XXXXXXXXXXXXXXX

HIGH BEAM FLASH OFF/CON WHITE WASHING HORN ON 1/2 1/2H SIREN BRAKE

ROAD TO PUMP

- 1. ENG. BRK.
- 2. SHIFT TRUCK TRANSMISSION TO NEUTRAL
- 3. SET PARKING BRAKE
- 4. DOWN LEVER DOWN
- 5. ENGAGE TRUCK TRANSMISSION 4WD DRIVE

PUMP TO ROAD

- 1. SHIFT TRUCK TRANSMISSION TO NEUTRAL
- 2. THROW LEVER UP
- 3. RELEASE PARKING BRAKE APPLY SERVICE BRAKE
- 4. ENGAGE TRUCK TRANSMISSION



SON  
MISSION

ROTATION

MODE



EMERGENCY  
MASTER

ROOF  
LIGHT

FRONT  
WARNING

SIDE  
WARNING

LOWER  
REAR  
WARNING

UPPER  
REAR  
WARNING

ENG BRK  
ON/OFF

ENG BRK  
LO/MED/HI

MIRROR  
HEAT

MEDICAL  
COOLER

OFF-ROAD  
TRACTION

PUMP  
ENGAGED

FRONT WARNING

SIDE WARNING

LOWER REAR WARNING

UPPER REAR WARNING

MIRROR HEAT

MEDICAL COOLER

OFF-ROAD TRACTION

WHELEN TRAFFIC ADVISOR™

POWER: HIGH, OFF, LOW

FUNCTION: LEFT, RIGHT, SPLIT, FLASH

DIRECTION INDICATOR

HIGH BEAM FLASH

OPTICOM

WHITE WARNING

MOMENTARY OPTICOM

AIR HORN

SIREN BRAKE

PUMP ENGAGED

OK TO PUMP

ROAD TO PUMP

1. STOP TRUCK
2. SHIFT TRUCK TRANSMISSION TO NEUTRAL
3. SET PARKING BRAKE
4. THROW LEVER DOWN
5. ENGAGE TRUCK TRANSMISSION INTO DRIVE

PUMP TO ROAD

1. SHIFT TRUCK TRANSMISSION TO NEUTRAL
2. THROW LEVER UP
3. RELEASE PARKING BRAKE APPLY SERVICE BRAKE
4. ENGAGE TRUCK TRANSMISSION

**CAUTION**  
 DISENGAGE RETARDER WHEN VEHICLE IS ON WET

**WHELEN**  
TRAFFIC ADVISOR™

LEFT  
RIGHT  
SPLIT  
FLASH

HIGH  
OFF  
LOW

POWER FUNCTION DIRECTION INDICATOR



UPPER BEAM FLASHING REAR LIGHTING

UPPER BEAM FLASHING REAR LIGHTING  
MIDLINE - 24211218  
WHEELER ELECTRIC MFG CO  
1000 10000 - 1000000000  
W. ST. LOUIS, MO 63103  
8142212 - 330019  
8142212121 - 1412  
CHRYSLER GROUP LLC  
CHRYSLER GROUP LLC  
CHRYSLER GROUP LLC

HIGH BEAM FLASH  
OPTICOM  
WHITE WARNING  
MOMENTARY OPTICOM  
AIR HORN  
SIREN BRAKE









FRONT  
FLOOD

DRIVER  
SCENE

PASS  
SCENE

REAR  
SCENE

ALLEY  
LIGHTS

LOAD  
MANAGER

POWER



MAN 2

HF

T1

MAN 1

T2

RAD

MIC VOL.

T3

MAN

HORN

SPEAKERS

1

2











PS6

PS6



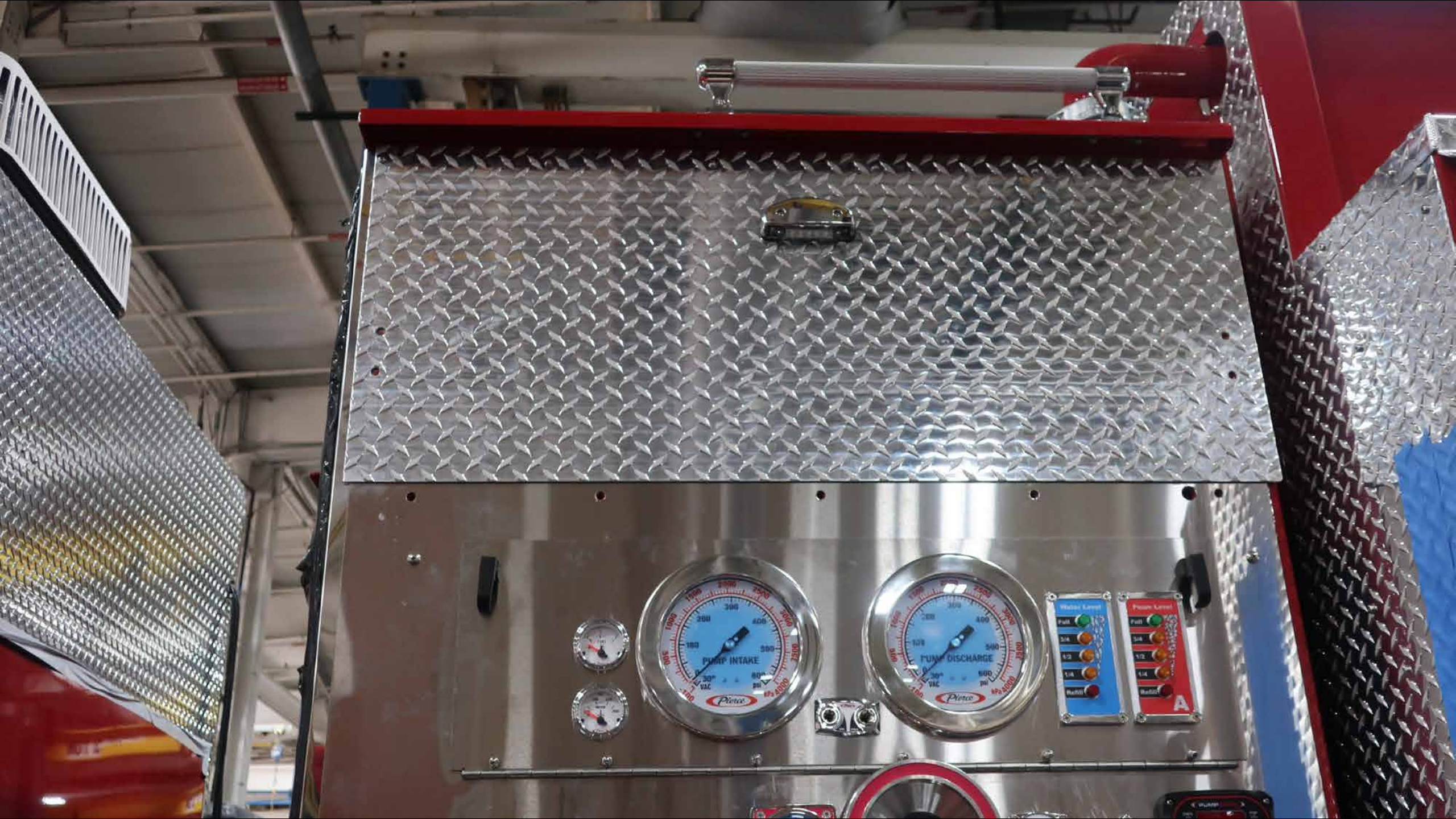
SAFETY INSTRUCTIONS















PUMP  
EPM  
CAUTION

FRONT DISCHARGE  
WATER → FOAM  
CLOSED . . . . . OPEN  
LOCK

NO. 1 CROSSLAY  
WATER → FOAM  
CLOSED . . . . . OPEN  
LOCK

NO. 2 CROSSLAY  
WATER → FOAM  
CLOSED . . . . . OPEN  
LOCK

2 1/2" CROSSLAY  
WATER → FOAM  
CLOSED . . . . . OPEN  
LOCK

FOAM DRIVERS SIDE 2 1/2" PRE-CONNECT  
WATER → FOAM  
CLOSED . . . . . OPEN  
LOCK

NO. 2 PASSENGER SIDE DISCHARGE  
WATER → FOAM  
CLOSED . . . . . OPEN  
LOCK

NO. 4 PASSENGER SIDE DISCHARGE  
WATER → FOAM  
CLOSED . . . . . OPEN  
LOCK

NEW FILL & RECONNECT LINE

PUMP BREAK  
NO. 1 - 100 PSI

TANK TO PUMP

CAUTION  
DO NOT OPERATE  
WITH THIS LIGHT

LAUGE BAU 1000  
100 PSI

WATERBOLTS

Control panel featuring seven gauges and seven levers:

- Gauges (top row):**
  - DELUGE DISCHARGE (0-500 PSI)
  - FRONT DISCHARGE WATER-FOAM (0-500 PSI)
  - NO. 1 CROSSLAY WATER-FOAM (0-500 PSI)
  - NO. 2 CROSSLAY WATER-FOAM (0-500 PSI)
  - 2 1/2" CROSSLAY WATER-FOAM (0-500 PSI)
  - DRIVER SIDE 2 1/2" PRE-CONNECT WATER-FOAM (0-500 PSI)
  - NO. 2 PASSENGER SIDE DISCHARGE (0-500 PSI)
  - NO. 4 PASSENGER SIDE DISCHARGE (0-500 PSI)
- Levers (bottom row):**
  - FRONT DISCHARGE WATER-FOAM (WATER-FOAM / CLOSED / OPEN)
  - NO. 1 CROSSLAY WATER-FOAM (WATER-FOAM / CLOSED / OPEN)
  - NO. 2 CROSSLAY WATER-FOAM (WATER-FOAM / CLOSED / OPEN)
  - 2 1/2" CROSSLAY WATER-FOAM (WATER-FOAM / CLOSED / OPEN)
  - DRIVER SIDE 2 1/2" PRE-CONNECT WATER-FOAM (WATER-FOAM / CLOSED / LOCK)
  - NO. 2 PASSENGER SIDE DISCHARGE (NO. 2 PASSENGER SIDE DISCHARGE / CLOSED / LOCK)
  - NO. 4 PASSENGER SIDE DISCHARGE (NO. 4 PASSENGER SIDE DISCHARGE / CLOSED / OPEN)

DELUGE DISCHARGE gauge

Large circular gauge with a red ring

PRIME WATERBOX button

DO NOT OPEN ENGINE COOLER button

**CAUTION**  
 OPERATING POWER PUMP FOR 30 SECS  
 OVER 4 SECS TO STOP PUMP. DO NOT  
 DAMAGE ELECTRIC MOTOR

PUMP-BOSS control panel with digital display, RPM gauge, and various buttons (CHECK ENGINE, STOP ENGINE, MENU, PRESSURE, RPM, PROTECTA READY, RESET)

TANK FILL & RE-CIRCULATING LINE

PUMP DRAIN PULL TO DRAIN



**CAUTION**  
OPERATING PRIMING PUMP FOR MORE THAN 1 MINUTE CONTINUOUSLY MAY DAMAGE ELECTRIC MOTOR  
1099123





**CAUTION**  
OPERATING PRIMING PUMP  
FOR MORE THAN 1 MINUTE CONTINUOUSLY  
MAY DAMAGE ELECTRIC



NO. 2 PASSENGER  
SIDE DISCHARGE

NO. 2 PASSENGER SIDE DISCHARGE

▶ CLOSED . . . . . OPEN ▶

NO. 4 PASSENGER  
SIDE DISCHARGE

NO. 4 PASSENGER SIDE DISCHARGE

▶ CLOSED . . . . . OPEN ▶

TANK FILL &  
RE-CIRCULATING LINE

PUMP  
DRAIN  
PULL TO DRAIN





FRONT DISCHARGE  
WATER-FOAM

FRONT DISCHARGE

CLOSED . . . . . OPEN



NO. 1 CROSSLAY  
WATER-FOAM

NO.1 CROSSLAY

WATER FOAM

CLOSED . . . . . OPEN



NO. 2 CROSSLAY  
WATER-FOAM

NO.2 CROSSLAY

WATER FOAM

CLOSED . . . . . OPEN



2 1/2" CROSSLAY  
WATER-FOAM

2 1/2" CROSSLAY

WATER FOAM

CLOSED . . . . . OPEN



DRIVER SIDE  
2 1/2" PRE-CONNECT  
WATER-FOAM

WATER FOAM DRIVER SIDE 2 1/2" PRE-CONNECT

CLOSED . . . . . OPEN



NO. 2 PASSENGER  
SIDE DISCHARGE

NO. 2 PASSENGER SIDE DISCHARGE

CLOSED . . . . . OPEN



NO. 4 PASSENGER  
SIDE DISCHARGE

NO. 4 PASSENGER SIDE DISCHARGE

CLOSED . . . . . OPEN



CAUTION  
OPERATING FIREWORK PUMP FOR MORE  
THAN 1 MINUTE CONTINUOUSLY MAY  
DAMAGE ELECTRIC MOTOR.



TANK TO PUMP



MANUAL  
PUMP SHIFT

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



LARGE DIA. PASS.  
SIDE DISCHARGE



POWER *Pierce* FOAM

FOAM PRIME  
PAGE ENTER

12VDC Low Voltage  
1500mA  
1100

PANEL LIGHTS  
FRONT SCENE LIGHTS  
DRIVER SIDE SCENE LIGHTS  
PASSENGER SIDE SCENE LIGHTS  
REAR SCENE LIGHTS

OK TO PUMP



**WATEROUS**  
SERIAL NO. 10000  
SERIAL NO. 10000  
SERIAL NO. 10000  
SERIAL NO. 10000  
SERIAL NO. 10000  
SERIAL NO. 10000

**OPERATOR INSTRUCTIONS**  
1. Before starting the engine, check the oil level.  
2. Make sure the parking brake is set.  
3. Do not drink or use alcohol while operating the machine.  
4. Do not operate the machine if you are tired or under the influence of drugs.  
5. Always wear your seat belt.  
6. Do not touch the hot engine or exhaust pipes.  
7. Do not touch the moving parts of the machine.  
8. Do not touch the electrical system.  
9. Do not touch the fuel system.  
10. Do not touch the hydraulic system.  
11. Do not touch the PTO shaft.  
12. Do not touch the PTO blades.  
13. Do not touch the PTO gears.  
14. Do not touch the PTO housing.  
15. Do not touch the PTO shaft seal.  
16. Do not touch the PTO shaft nut.  
17. Do not touch the PTO shaft washer.  
18. Do not touch the PTO shaft key.  
19. Do not touch the PTO shaft pin.  
20. Do not touch the PTO shaft pin nut.  
21. Do not touch the PTO shaft pin washer.  
22. Do not touch the PTO shaft pin key.  
23. Do not touch the PTO shaft pin pin.  
24. Do not touch the PTO shaft pin pin nut.  
25. Do not touch the PTO shaft pin pin washer.  
26. Do not touch the PTO shaft pin pin key.  
27. Do not touch the PTO shaft pin pin pin.  
28. Do not touch the PTO shaft pin pin pin nut.  
29. Do not touch the PTO shaft pin pin pin washer.  
30. Do not touch the PTO shaft pin pin pin key.



FLUSH VALVE DRAIN

AUX. FOAM FUNCTIONS  
FOAM INLET  
FOAM STRAINER  
FOAM TANK DRAIN(S)



PUMP MODEL: CSU      SERIAL NO: 182457  
TRANS MODEL: C22E    SERIAL NO: 182457  
DATE: MAR-2024      RATIO: 2.46  
CAPACITY: 1500 GPM    AT 150 DISCH PSIG  
HYDRO: 600 PSIG      MAX DISCH: 400 PSIG

52906

AIR SUPPLY

AIR INLET-  
OUTLET

PULL TO OPEN

NO. 1 CROSSLAY

PULL TO OPEN

PULL TO OPEN

MANIFOLD DRAIN

PULL TO OPEN















LARGE DIA. PASS.  
SIDE DISCHARGE



PULL TO OPEN

LARGE DIA. PASS.  
SIDE DISCHARGE

PULL TO OPEN

NO. 4 PASSENGER  
SIDE DISCHARGE

PULL TO OPEN

NO. 2 PASSENGER  
SIDE DISCHARGE

PULL TO OPEN

2 1/2" CROSSLAY

PULL TO OPEN

NO. 2 CROSSLAY











10/2

NEFF



Pierce P96

SRS

WARNING  
Read and understand the instructions before using the vehicle.  
Always use proper tie-up technique.  
Always use proper tie-down technique.  
Always use proper tie-off technique.  
Always use proper tie-in technique.  
Always use proper tie-out technique.  
Always use proper tie-up technique.  
Always use proper tie-down technique.  
Always use proper tie-off technique.  
Always use proper tie-in technique.  
Always use proper tie-out technique.

WARNING  
Read and understand the instructions before using the vehicle.  
Always use proper tie-up technique.  
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Always use proper tie-off technique.  
Always use proper tie-in technique.  
Always use proper tie-out technique.





Labels and stickers on the left side of the panel, including one that says "DRIVER SCENE".





**FRONT  
FLOOD**

**DRIVER  
SCENE**

**PASS  
SCENE**

**REAR  
SCENE**

Bluetooth

JENSEN  
HEAVY DUTY

NOAA



MODE  
PAIR



BAND  
SCROLL

1

2

3

4

5

6

ENTER  
INFO



PS  
AS



JHD12







**HUGHES FIRE EQUIPMENT**