

Photo Album for Pierce Job 38289
Pascua Pueblo Fire Department, AZ
Custom Velocity 100' Aerial

Wk 12 Production ending May 31, 2024

- The aerial continues assembly at the 41 plant.

















WARNING
Do not touch
the hot surfaces
of the engine
or the exhaust
system.
They can be
extremely hot
and cause
serious burns.
Always use
proper caution
when working
near the engine
or exhaust
system.



Pierce
ASSEMBLY

BEST SHIFT
LEAD

PRND
1 2 3 4 5
6 7 8 9 10

WARNING
CAUTION
SAFETY
OPERATION
MAINTENANCE
REPAIR

BATTERY VOLTAGE
12V
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
BATTERY





Instrument cluster featuring several gauges:

- Water Temperature:** Gauge with scale from 170 to 230.
- Oil Pressure:** Gauge with scale from 0 to 100 PSI.
- Transmission:** Gauge with scale from 0 to 300.
- RPM:** Gauge with scale from 0 to 25 (x100).
- Speedometer:** Gauge with scales for MPH (0-85) and KMH (0-140).
- Fuel:** Gauge with scale from 0 to 34.
- Volts:** Gauge with scale from 0 to 14.
- Front Air Pressure:** Gauge with scale from 0 to 150 PSI.
- Rear Air Pressure:** Gauge with scale from 0 to 90 PSI.

Control panel on the left side of the dashboard:

- Red emergency stop button.
- Start button.
- Caution button.

Control panel at the bottom of the dashboard:

- Light switch (L-H).
- Panel on/off switch.
- Panel on/off switch.

ULTRA LOW SULFUR
DIESEL FUEL ONLY

**SPOTTER REQUIRED
WHEN BACKING**

Key Points:
If you cannot see your spotter,
IMMEDIATELY STOP in high or congested areas,
your spotter may need an additional
spotter to follow the signals of
the spotter. **Do not back up** without a spotter.
Back up only when your spotter understands
the situation.

Pierce



Alison
TRANSMISSION

202-1-100

MODE

R

N

D

↑

↓

ENG BRK ON/OFF

ENG BRK LO/MED/HI

MIRROR HEAT

FRONT WHEEL LOCK

RADIO PTT

AERIAL MASTER

STABILIZER CAMERA

PS RNERING LIGHT

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

WARNING

ALWAYS engage Parking Brake AND set engine brake using Park Brake Lever



Allison
Transmission

SELECT

MONITOR



ENG BRK
ON/OFF

ENG BRK
LO/MED

Wilson
Transmission

NO
-
NOM

MODE



ENG BRK
ON/OFF

ENG BRK
LO/MED/HI

MIRROR
HEAT

FRONT
WHEEL
LOCK

RADIO
PTT

PU
ENG

ACA

LEFT MIRROR CONTROLS RIGHT

AERIAL MASTER STABILIZER CAMERA DS CORNERING LIGHT PS CORNERING LIGHT

RADIO PTT

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 OR SLIPPERY SURFACES
 81-0096



WARNING
 ALWAYS engage Parking Brake AND run engine when using Front Wheel Lock

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

OPTION HIGH BEAM FLASH ELECTRIC SUNS AIR

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



EMERGENCY
MASTER

ROOF
LIGHT

FRONT
WARNING

SIDE
WARNING

LOWER
REAR
WARNING

UPPER
REAR
WARNING

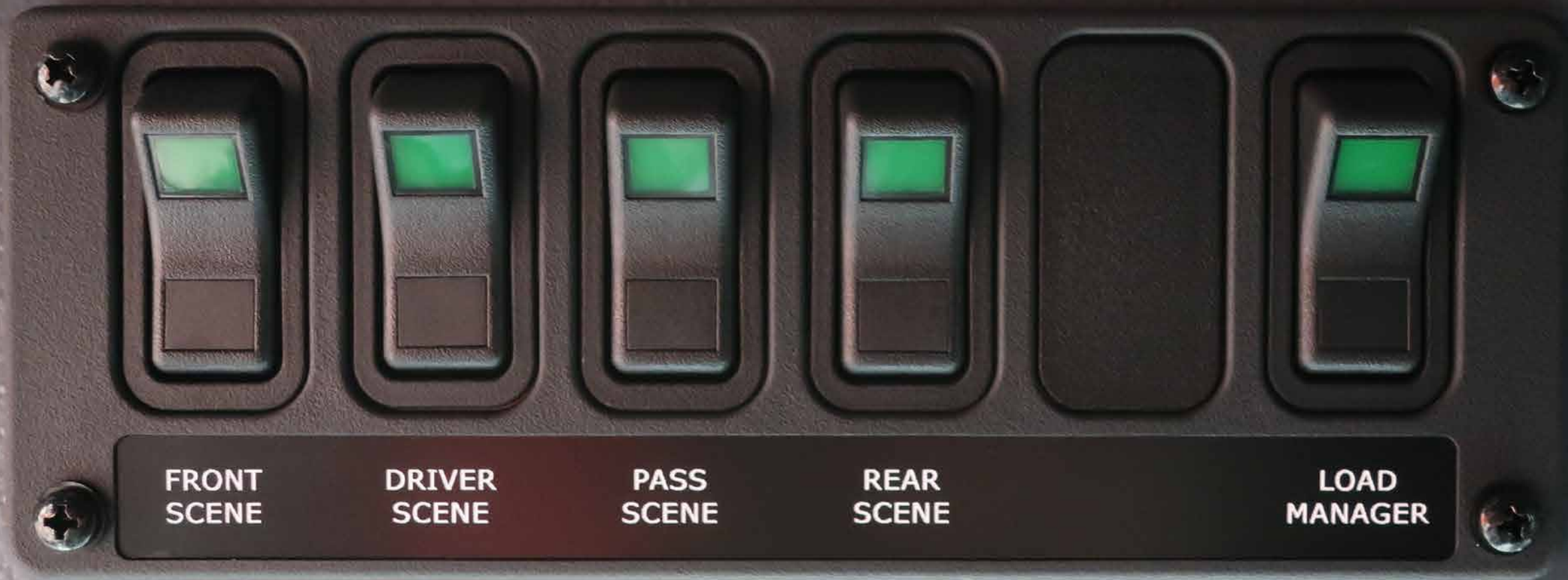


OPTICOM

HIGH
BEAM
FLASH

ELECTRNC
SIREN

AIR
HORN



**FRONT
SCENE**

**DRIVER
SCENE**

**PASS
SCENE**

**REAR
SCENE**

**LOAD
MANAGER**

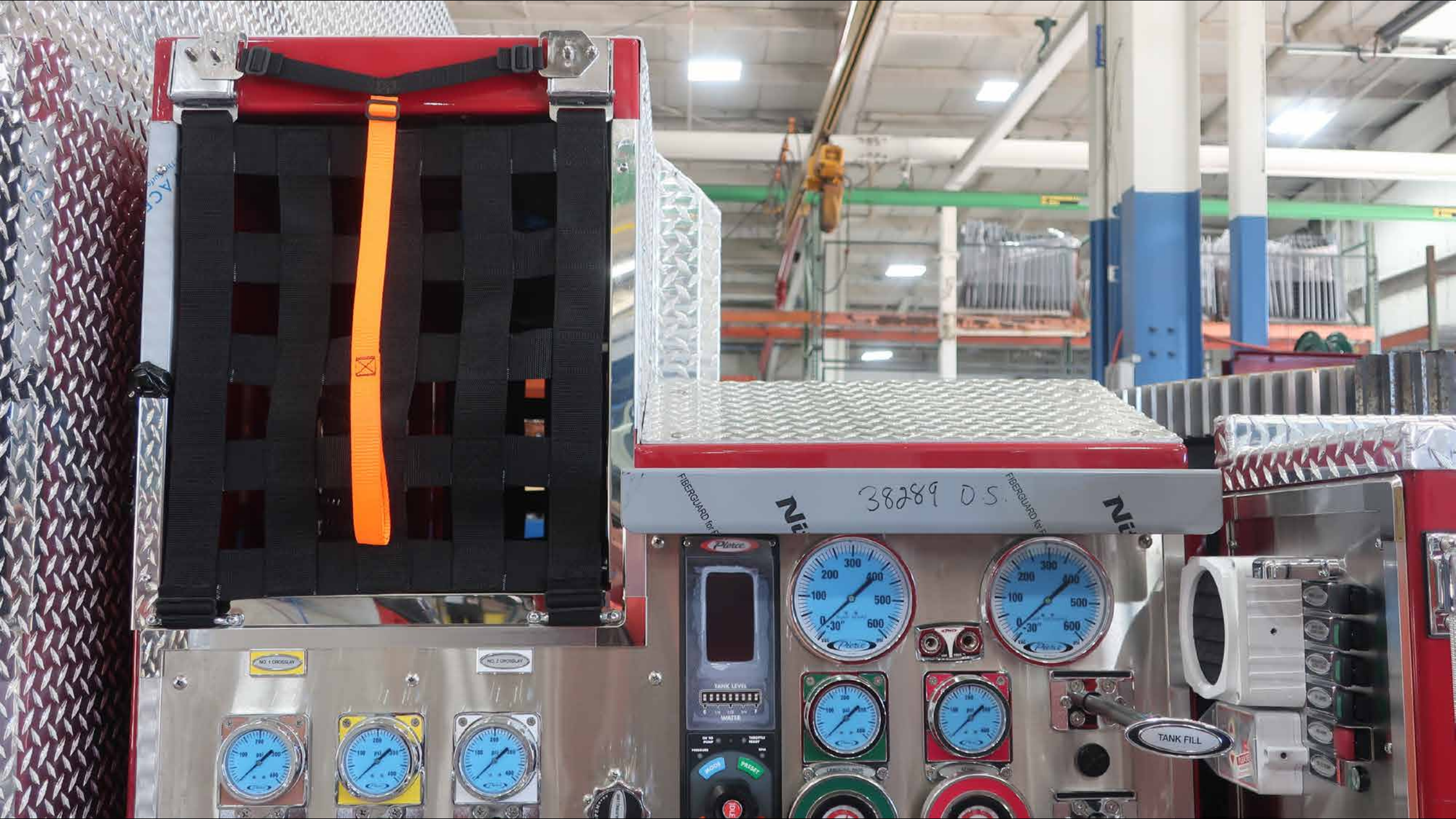












FIBERGUARD 16' F
NE 38289 DS FIBERGUARD 16' F NE



TANK FILL





NO. 1 CROSSLAY

NO. 2 CROSSLAY

NO. 1 CROSSLAY
NO. 2 CROSSLAY

FRONT DISCHARGE
NO. 1 CROSSLAY
NO. 2 CROSSLAY

Detailed description: This panel features three circular pressure gauges with blue faces and black needles. The gauges are mounted on a stainless steel plate. Below each gauge is a corresponding label in an oval shape. The labels are 'FRONT DISCHARGE', 'NO. 1 CROSSLAY', and 'NO. 2 CROSSLAY'. Above the gauges are two small rectangular labels: 'NO. 1 CROSSLAY' and 'NO. 2 CROSSLAY'.



PRIMER
FIRE PUMP

PUSH
TO
PRIME

Detailed description: A rectangular yellow button with black text and a black push-button. The text includes 'PRIMER FIRE PUMP' and 'PUSH TO PRIME'. Below the button is a small white label with technical specifications.

Detailed description: A blue rectangular control switch with a black knob and a white label.

TANK LEVEL

WATER

Detailed description: A vertical digital display unit with a black screen and a red 'STOP' button. The text 'TANK LEVEL' and 'WATER' is visible on the unit.



NO. 2 PASSENGER
SIDE DISCHARGE

NO. 1 DRIVER
SIDE DISCHARGE

NO. 2 DRIVER
SIDE DISCHARGE

TANK FILL

TANK TO PUMP



WARNING OPERATOR
MAINTENANCE
DISCONNECT

Pierce

TANK LEVEL

E 1/4 1/2 3/4 F

WATER

OK TO PUMP THROTTLE READY

PRESSURE RPM





TANK FILL



OK TO PUMP THROTTLE READY

PRESSURE RPM

MODE PRESET

IDLE



TANK TO PUMP



PUSH TO REMOVE THIS PROTECTIVE FILM



**PRIMER
FIRE PUMP**

**TRIDENT
AIR
PRIME**

PUSH
TO
PRIME

PRIMING INSTRUCTIONS
FOR ENHANCED PRIME



NO. 2 PASSENGER
SIDE DISCHARGE

NO. 1 DRIVER
SIDE DISCHARGE

NO. 3 DRIVER
SIDE DISCHARGE



DRIVER SIDE
AUX INLET

NO. 1 DRIVER
SIDE DISCHARGE

NO. 3 DRIVER
SIDE DISCHARGE

PUMP
DRAIN
PULL TO DRAIN

NO. 1 CROSSLAY

NO. 2 CROSSLAY



FRONT DISCHARGE



NO. 1 CROSSLAY



NO. 2 CROSSLAY



FIRE PUMP

TRIDENT
AIR
PRIME

PUSH
TO
PRIME

PRIMING INSTRUCTIONS

FOR ENHANCED PRIMING
PERFORMANCE, PLAY THROUGH AT LEAST
TWO TIMES BEFORE PRIMING



WATEROUS

MODEL: W5002D	SERIAL NO: W184
DATE: JAN 2004	RATIO: 3:48
CAPACITY: 2000 GPM	BY THE DRUM FEED
W500C 500 P500	W41 D500C 500 P500

MINIMUM OPERATOR MAINTENANCE SCHEDULE

Check and maintain the following items:

- Check oil level and change oil as needed.
- Check and adjust the pressure of the air lines.
- Check and adjust the pressure of the water lines.
- Check and adjust the pressure of the steam lines.
- Check and adjust the pressure of the gas lines.
- Check and adjust the pressure of the electrical lines.
- Check and adjust the pressure of the hydraulic lines.
- Check and adjust the pressure of the fuel lines.
- Check and adjust the pressure of the exhaust lines.
- Check and adjust the pressure of the cooling lines.
- Check and adjust the pressure of the lubrication lines.
- Check and adjust the pressure of the safety lines.
- Check and adjust the pressure of the warning lines.
- Check and adjust the pressure of the emergency lines.
- Check and adjust the pressure of the fire lines.
- Check and adjust the pressure of the first aid lines.
- Check and adjust the pressure of the communication lines.
- Check and adjust the pressure of the signaling lines.
- Check and adjust the pressure of the lighting lines.
- Check and adjust the pressure of the heating lines.
- Check and adjust the pressure of the cooling lines.
- Check and adjust the pressure of the drying lines.
- Check and adjust the pressure of the cleaning lines.
- Check and adjust the pressure of the painting lines.
- Check and adjust the pressure of the welding lines.
- Check and adjust the pressure of the cutting lines.
- Check and adjust the pressure of the grinding lines.
- Check and adjust the pressure of the drilling lines.
- Check and adjust the pressure of the tapping lines.
- Check and adjust the pressure of the boring lines.
- Check and adjust the pressure of the turning lines.
- Check and adjust the pressure of the milling lines.
- Check and adjust the pressure of the planing lines.
- Check and adjust the pressure of the shearing lines.
- Check and adjust the pressure of the bending lines.
- Check and adjust the pressure of the straightening lines.
- Check and adjust the pressure of the leveling lines.
- Check and adjust the pressure of the flattening lines.
- Check and adjust the pressure of the rolling lines.
- Check and adjust the pressure of the drawing lines.
- Check and adjust the pressure of the extruding lines.
- Check and adjust the pressure of the casting lines.
- Check and adjust the pressure of the forging lines.
- Check and adjust the pressure of the forming lines.
- Check and adjust the pressure of the finishing lines.
- Check and adjust the pressure of the assembly lines.
- Check and adjust the pressure of the disassembly lines.
- Check and adjust the pressure of the repair lines.
- Check and adjust the pressure of the maintenance lines.
- Check and adjust the pressure of the safety lines.
- Check and adjust the pressure of the warning lines.
- Check and adjust the pressure of the emergency lines.
- Check and adjust the pressure of the fire lines.
- Check and adjust the pressure of the first aid lines.
- Check and adjust the pressure of the communication lines.
- Check and adjust the pressure of the signaling lines.
- Check and adjust the pressure of the lighting lines.
- Check and adjust the pressure of the heating lines.
- Check and adjust the pressure of the cooling lines.
- Check and adjust the pressure of the drying lines.
- Check and adjust the pressure of the cleaning lines.
- Check and adjust the pressure of the painting lines.
- Check and adjust the pressure of the welding lines.
- Check and adjust the pressure of the cutting lines.
- Check and adjust the pressure of the grinding lines.
- Check and adjust the pressure of the drilling lines.
- Check and adjust the pressure of the tapping lines.
- Check and adjust the pressure of the boring lines.
- Check and adjust the pressure of the turning lines.
- Check and adjust the pressure of the milling lines.
- Check and adjust the pressure of the planing lines.
- Check and adjust the pressure of the shearing lines.
- Check and adjust the pressure of the bending lines.
- Check and adjust the pressure of the straightening lines.
- Check and adjust the pressure of the leveling lines.
- Check and adjust the pressure of the flattening lines.
- Check and adjust the pressure of the rolling lines.
- Check and adjust the pressure of the drawing lines.
- Check and adjust the pressure of the extruding lines.
- Check and adjust the pressure of the casting lines.
- Check and adjust the pressure of the forging lines.
- Check and adjust the pressure of the forming lines.
- Check and adjust the pressure of the finishing lines.
- Check and adjust the pressure of the assembly lines.
- Check and adjust the pressure of the disassembly lines.
- Check and adjust the pressure of the repair lines.
- Check and adjust the pressure of the maintenance lines.



CAUTION

Do not touch the hot surfaces.



ZIMBO
← m60f6 →

**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

DRIVER SIDE
AUX. INLET

PULL TO OPEN

NO. 1 DRIVER
SIDE DISCHARGE

PULL TO OPEN

NO. 3 DRIVER
SIDE DISCHARGE





WATEROUS

MODEL: S100C22D SERIAL NO: 181845
 DATE: JAN-2024 RATIO: 2.46
 CAPACITY: 2000 GPM AT 150 DISCH PSIG
 HYDRO: 500 PSIG MAX DISCH: 300 PSIG

**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)
 Grasso outboard bearing -
 Use BRB grasso (Ball
 and roller bearing)

Consult Pump Manual
 for complete instructions.

Pierce 272044

**DRIVER SIDE
 AUX. INLET**

WATEROUS

⚠ DANGER

Electrocution Hazard - Equipment is not insulated
 NEVER approach or contact power lines with any part of this
 equipment.
 Keep 50 feet from power line if voltage is not known.
 Keep 20 feet from power line 350 kilovolts or less.
 Account for swaying motion of power lines and apparatus.
 Use light to search for power lines in the dark.
 Do not step off a charged vehicle.
 Approaching or contacting a power line will injure or kill.

FIBERGUARD for F

Ni

38289 D.S.

FIBERGUARD for F

Ni

Pierce

TANK LEVEL

WATER

OK TO PUMP

THROTTLE READY

MODE

PRESET

OPEN

MENU

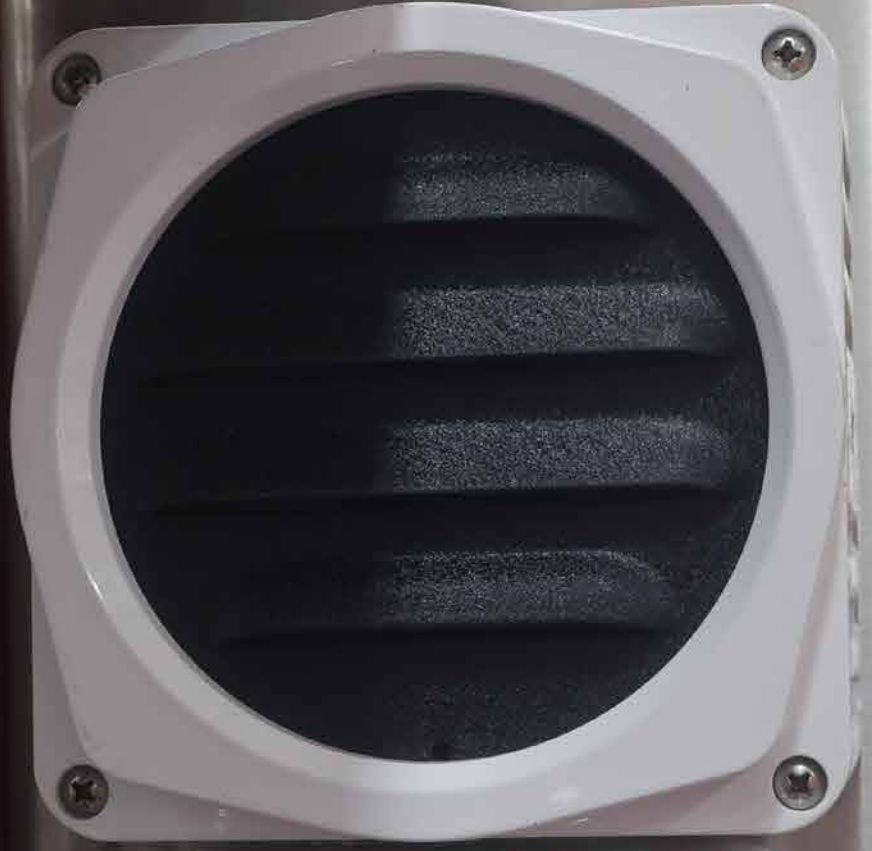


- INTEL LIGHTS
- CHARGER BAY LIGHTS
- INDICATOR BAY LIGHTS
- TV LIGHTS
- AIR WORK
- OK TO PUMP

TANK FILL

TANK TO PUMP

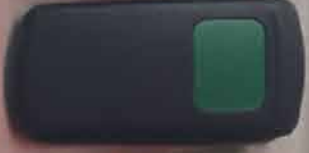
PLEASE



PANEL LIGHTS



DRIVER SIDE SCENE LIGHTS



PASSENGER SIDE SCENE LIGHTS



TIP LIGHTS



AIR HORN



OK TO PUMP



TANK FILL

VOLUME

FRC

PUSH TO

PLEASE REMOVE THIS PROTECTIVE FILM

COM













⚠ DANGER
Unauthorized persons should not be allowed to operate this equipment. Only trained and authorized personnel should be allowed to operate this equipment. Always use proper safety procedures. Do not touch the hot surfaces. The light is used to illuminate the work area. Do not use the light as a flashlight. Do not use the light as a work light. Do not use the light as a signal light. Do not use the light as a warning light. Do not use the light as a communication device. Do not use the light as a power source. Do not use the light as a power source.



TANK TO PUMP

TANK FILL

AERIAL DRAIN

→
OPEN

PULL
TO
DRAIN

PULL
TO
DRAIN

AERIAL DRAIN

→ 38289 P.S →

Nitto



NO. 2 CROSSLAY

NO. 1 CROSSLAY



AERIAL DISCHARGE



NO. 2 PASSENGER
SIDE DISCHARGE



AERIAL
DISCHARGE



LARGE DIA. PASS.
SIDE DISCHARGE



AERIAL INLET



PHILIP CONTROL
FAB10

- 1. 200
- 2. 245
- 3. 1pp999
- 4.
- 5.

PULL TO OPEN
AERIAL
DISCHARGE

PULL TO OPEN
LARGE DIA. PASS.
SIDE DISCHARGE

PULL TO OPEN
NO. 2 PASSENGER
SIDE DISCHARGE

PULL TO OPEN
NO. 2 CROSSLAY

PULL TO OPEN
NO. 1 CROSSLAY






















A close-up photograph of a control panel. The panel is dark grey with a textured surface. Two circular buttons are visible, each with a silver-colored rim and a dark center. The top button is labeled 'SIREN BRAKE' and the bottom button is labeled 'AIR HORN'. The labels are on white oval stickers. To the right of the buttons, there are two black knobs or levers. The background is slightly out of focus, showing a light-colored surface.

SIREN BRAKE

AIR HORN



UltraSound



SQUELCH

INTERCOM



VOLUME



Bluetooth

JENSEN
HEAVY DUTY

NOVA

☀️ [Power] MODE / PAIR

[-] [+]

[Play/Pause] BAND / SCROLL



[1] [2] [3] [4] [5] [6]

[ENTER] / INFO [Return]

[Previous] [Next]

[PS] / AS [Settings]

JH012



FRONT
SCENE

DRIVER
SCENE

PASS
SCENE

REAR
SCENE



ON

OFF

AUX



FLASH

1

2

3

WHELEN®





HUGHES FIRE EQUIPMENT