

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

Wk 11 Production ending May 24, 2024

- The aerial continues assembly at the 41 plant.



POLK CO
FIRE RES

Pierce

















Pierce

The instrument cluster features several gauges:

- Water Temperature:** Scale 170-230, needle at ~190.
- RPM:** Scale 0-25 (x100), needle at 0.
- MPH:** Scale 0-85, needle at 0.
- Fuel:** Scale 0-16, needle at ~12.
- Oil Pressure:** Scale 0-100 PSI, needle at ~20.
- Front Air Pressure:** Scale 0-150 PSI, needle at ~100.
- Rear Air Pressure:** Scale 0-90 PSI, needle at ~60.
- Fuel Level:** Scale 0-1/2, needle at ~1/4.
- DEF:** Scale 0-3/4, needle at ~1/2.
- Trans Temperature:** Scale 100-300 F, needle at ~150.

ULTRA LOW SULFUR DIESEL FUEL ONLY

Red emergency flasher button with triangle icon.

START button

IGNITION button

E-M button
 3002 OFF button
 PANEL button

HI IDLE button
 ON-HI IDLE button

SPOTTER REQUIRED WHEN BACKING

Key Points:
 1. If you cannot see your spotter
 2. In tight or congested areas,
 3. You may need an additional
 4. Always follow the signals of
 5. If you are without a spotter,
 6. Always follow your spotter's instructions.

Pierce



Allison Transmission

10-12-138 30-4-20E

R MODE

N

D

ENG BRK ON/OFF ENG BRK LO/MED/HI MIRROR HEAT FRONT WHEEL LOCK RADIO PTT

AERIAL MASTER STABILIZER CAMERA CO PS VERING SHT

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
 DO NOT OPERATE WHEN VEHICLE IS ON WHEELS UNLESS YOU ARE SEATED

WARNING
 ALWAYS Engage Parking Brake AND Turn engine when using Front Wheel Lock



SON
mission

POSITION

MODE



ENG BRK
ON/OFF

ENG BRK
LO/MED/HI

MIRROR
HEAT

FRONT
WHEEL
LOCK

RADIO
PTT



AERI
MAST

PUMP
ENGAGED

CAUTION

DISENGAGE RETARDER
WHEN VEHICLE IS ON WET
OR SLIPPERY SURFACES



AERIAL MASTER

STABILIZER CAMERA

DS CORNER LIGHT

PS CORNER LIGHT

RADIO PTT



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 OR SLIPPERY SURFACES.
11/02/06



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

OPTICOM

HIGH
BEAM
FLASH

ELECTRIC
SIREN

AIR
HORN



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**











114V
USDOT



The emergency lights panel is a white, rectangular unit with a variety of controls. It features several blue-faced analog gauges, some with red needles, and several smaller red and blue gauges. There are also several toggle switches and a large black fan. A red label with the word "EMERGENCY" is visible at the bottom left of the panel. The panel is mounted on a silver diamond-plate aluminum base.

This is a silver diamond-plate aluminum compartment, likely for tools or equipment. It has a single door with a handle and is mounted on a red base. The interior of the compartment is also lined with diamond-plate aluminum.

This is a red cabinet or compartment with a single door. It has a silver handle and is mounted on a red base. The interior of the compartment is lined with silver diamond-plate aluminum.

This is a red cabinet or compartment with two doors. It has silver handles and is mounted on a red base. The interior of the compartment is lined with silver diamond-plate aluminum.

This is a red cabinet or compartment with two doors. It has silver handles and is mounted on a red base. The interior of the compartment is lined with silver diamond-plate aluminum.

This is a red cabinet or compartment with two doors. It has silver handles and is mounted on a red base. The interior of the compartment is lined with silver diamond-plate aluminum. There is a small white label with a black silhouette of a person on the top right corner of the compartment.





THE
AC

FIBERGLASS

NEA

38289 DS

FIBERGLASS

NEA

NO. 1 CROSSLAY

NO. 2 CROSSLAY

TANK LEVEL
WATER

TANK FILL

FIBERGLASS 38289 DS FIBERGLASS

NO. 1 CROSSLAY

NO. 2 CROSSLAY

FRONT DISCHARGE

NO. 1 CROSSLAY

NO. 2 CROSSLAY

PRIMER FIRE PUMP

TRIDENT AIR PRIME

PUSH TO PRIME

PRIMER INSTRUCTIONS

FLOR

TANK LEVEL

ON TO TANK

RESERVE

WATER

MODE

PRESET

STOP

START

300 200 100 0 30 600

300 200 100 0 30 600

100 0 100

100 0 100

100 0 100

100 0 100

250 150 100 0 100

100 0 100

NO. 2 PASSENGER SIDE DISCHARGE

NO. 1 DRIVER SIDE DISCHARGE

NO. 3 DRIVER SIDE DISCHARGE

TANK FILL

TANK TO PUMP



TRIDENT AIR PRIME

PUSH TO PRIME

PRIMER OFF

AUTO RESET

NO. 1 DRIVER SIDE DISCHARGE

NO. 3 DRIVER SIDE DISCHARGE

PUMP DRAIN

PULL TO DRAIN

BERGUARD for F

NE

38289 D.S.

BERGUARD for F

NE

Pierce

TANK LEVEL

E 1/4 1/2 3/4 F

WATER

OK TO PUMP PRESSURE

THROTTLE READY RPM

MODE PRESET

IDLE



VAC PRES



TANK FILL

OPEN

RE-CIRCULATING LINE

OPEN

OPEN

TANK TO PUMP

PRIMER FIRE PUMP

TRIDENT PUSH



PLEASE REACH THE PROTECTIVE VALVE





PRIMING INSTRUCTIONS
FOR ENHANCED PRIMING
PERFORMANCE, RUN ENGINE AT 1000
RPM UNTIL P...



DRIVER SIDE
AUX INLET

NO. 1 CROSSLAY

NO. 2 CROSSLAY



FRONT DISCHARGE



NO. 1 CROSSLAY



NO. 2 CROSSLAY



TRIDENT
AIR
PRIME

PUSH
TO
PRIME



WATEROUS

MODEL: 8760330	SERIAL NO: 121841
DATE: JAN-2024	RATIO: 3:40
CAPACITY: 1000 LBS	AT 150 DISCH. PSIG
HYDRO: 500 PSIG	MAX DISCH: 300 PSIG

**MINIMUM OPERATION
MAINTENANCE
SCHEDULE**

Read this manual carefully and follow all instructions as given.
Check the following items frequently:
- Hydraulic oil level
- Drive belt tension
- Safety switches
- Safety interlocks
- Safety guards
- Safety labels
- Safety instructions
- Safety training
- Safety equipment
- Safety gear
- Safety shoes
- Safety glasses



**PUMP
OFF**

PLATE LOCK SHUTTLE IN POSITION
WHEN PUMP OFF

CAUTION

PLATE LOCK SHUTTLE IN POSITION
WHEN PUMP OFF

**EMERGENCY
STOP**



NO. 1 DRIVER
SIDE DISCHARGE

NO. 3 DRIVER
SIDE DISCHARGE

**PUMP
DRAIN**
PULL TO DRAIN

**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: 181B45
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
 Pressure switches
 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)
 Engine oil/coolant bearing - Use 15W/40 gear oil and roller bearing

Consult Pines Manual for complete maintenance

Pines

DRIVER SIDE AUX. INLET

ZERO MOUNTED

⚠ 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 sleep off a charged vehicle. Approaching or contacting a power line will injure or kill.



FIBERGUARD for E

Ni

38289 D.S.

FIBERGUARD for E

Ni

Pierce

TANK LEVEL

WATER

OK TO PUMP

THROTTLE READY

MODE

PRESET

MENU

IDLE



- POWER LIGHTS
- TRUCK BOX SIGNAL LIGHTS
- RESERVE BOX SIGNAL LIGHTS
- TIP LIGHTS
- AIR HORN
- OK TO PUMP



PRIMER
FIRE PUMP



PANEL LIGHTS



DRIVER SIDE
SCENE LIGHTS



PASSENGER SIDE
SCENE LIGHTS



TIP LIGHTS



AIR HORN



OK TO PUMP









WARNING
CAUTION: Do not touch the emergency lights when they are on. They become very hot.
Do not touch the emergency lights when they are on. They become very hot.
Do not touch the emergency lights when they are on. They become very hot.
Do not touch the emergency lights when they are on. They become very hot.
Do not touch the emergency lights when they are on. They become very hot.

Blue plastic component

Electrical wiring and components

Small rectangular light

Pressure gauge





⚠ DANGER

WARNING: This compartment is not to be used as a storage area for tools or equipment. The compartment is not designed to hold any tools or equipment. Always use proper tie-off technique. Do not use the compartment for storage of any tools or equipment. Always use proper tie-off technique. Do not use the compartment for storage of any tools or equipment. Always use proper tie-off technique. Do not use the compartment for storage of any tools or equipment. Always use proper tie-off technique.



WARNING: NEVER OPERATE THIS EQUIPMENT WITH THE LIFT ARM DOWN
FAILURE TO COMPLY MAY RESULT IN DEATH OR SERIOUS INJURY

P/N 3263807



EMERGENCY STOP



OVERRIDE



STABILIZER ENABLE



12VDC
10Amps



POWER
STABILIZERS NOT STOWED



FRONT FIRM ON GROUND

REAR FIRM ON GROUND



LEVEL ASSIST

STABILIZER EPU



STOW FRONT AND REAR



TILT





⚠ 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 sleep off a charged vehicle.

Approaching or contacting a power line will injure or kill.



HOSE BED LIGHTS









TANK TO PUMP

TANK FILL

AERIAL DRAIN

OPEN

PULL TO DRAIN

PULL TO DRAIN

11/19/2018





35289 PS

Nitro

111



→ 38289 P.S. →





NO. 2 CROSSLAY

NO. 1 CROSSLAY

2

NO. 1 PASSENGER
SIDE DISCHARGE

AERIAL
DISCHARGE



NO. 2 PASSENGER
SIDE DISCHARGE



AERIAL INLET



15-0102
DOOR, SIS FUEL FILLER CONTROL

NO. 150102
9150-110C
SERIAL ASY001

REV	REV	REV	REV
1	2	3	4
1.1.00	2.2.05	3.11.00	4.1.00

DATE 1/18/18

NO. 2 PASSENGER
SIDE DISCHARGE



AERIAL
DISCHARGE



LARGE DIA. PASS.
SIDE DISCHARGE



AERIAL INLET



Rev: B
11pp999
245
200
810
ROL
0
1.5.88000
WIKORBERTI

WIKORBERTI

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























Sytronics
UltraSound
LCH INTERCOM VOLUME

SIREN BRAKE

AIR HORN

AIR

MOTOROLA E5

USB PORT

USB PORT

Microphone



JENSEN HEAVY DUTY

Bluetooth

ENTER INFO

PS AS

1 2 3 4 5 6

POWER

SKIP FWD

RECALL

PREV

STOP

PLAY

ENTER

REPEAT

SETTINGS

FRONT SCENE

MID SCENE

PASS SCENE

REAR SCENE

CONTROL PANEL 1

CONTROL PANEL 2



Bluetooth

JENSEN
HEAVY DUTY

port

☀️ ⏻

MODE
PAIR

ENTER
INFO

↩️

⏪

+

⏮

⏭

⏸

BAND
SCROLL

PS
AS

⚙️

1

2

3

4

5

6

JHD12



**FRONT
SCENE**

**DRIVER
SCENE**

**PASS
SCENE**

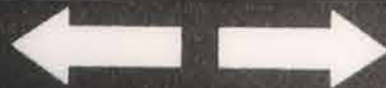
**REAR
SCENE**



ON

OFF

AUX



FLASH

1

2

3

WHELEN®



POWER



MAN 2

HF

T1

MAN 1

T2

RAD

T3

MIC VOL

MAN

HORN

SPEAKERS

1

2

RAD

WHEEL





HUGHES FIRE EQUIPMENT