

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

Wk 14 Production ending June 14, 2024

- The aerial continues assembly at the 41 plant.























TRUCK
MCC
P
S
S

WARNING

	No open flames or smoking while the engine is running.
	Do not drink alcohol while operating the vehicle.
	Do not use a cell phone while operating the vehicle.
	Do not use any mobile devices while operating the vehicle.
	Do not be distracted while operating the vehicle.
	Always wear your seatbelt.
	Do not exceed the vehicle's seating capacity.
	Do not overload the vehicle.
	Do not drive unsafe or recklessly.
	Do not use the vehicle for purposes not intended by the manufacturer.

WARNING

1. Read the operator's manual.
2. Do not operate the vehicle until you are familiar with the controls.
3. Do not operate the vehicle until you are familiar with the controls.

WARNING

1. Do not touch the battery.
2. Do not use the battery as a step.
3. Do not use the battery as a support.







ULTRA LOW SULFUR
DIESEL FUEL ONLY

Control panel on the left side of the dashboard containing a red hazard light button, a START button, and a battery disconnect switch.

Control panel at the bottom of the dashboard containing an E-M button, a 30V OFF button, and a PANEL button.

**SPOTTER REQUIRE
WHEN BACKING**

Key Points:
1. If you cannot see your spotter
2. In congested areas,
3. In blind spots or congested areas,
4. You may need an additional
5. Always follow the signals of
6. Always use a spotter without a spotter.
7. Always use a spotter understands
8. Always use a spotter understands

Pierce



HAZARD
USDOJ



Allison
TRANSMISSION

MODE

R

N

D

ENG BRK ON/OFF ENG BRK LOG/HD/WHI MIRROR HEAT FRONT WHEEL LOCK RADIO PTT

AERIAL MASTER STABILIZER CAMERA DIS CORRECT LIFT PUMP ENGAGING

ROAD TO PUMP

1. STOP TRUCK
2. SHIFT TRUCK TRANSMISSION TO NEUTRAL
3. SET PARKING BRAKE
4. BROW LEVER DOWN
5. ENGAGE TRUCK TRANSMISSION PWD 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

SPOTTER REQUIRED WHEN BACKING

Key Points

- Do not see your spotter
- STOP
- Break



Allyson
Transmission

10mlms

101-102E

R MODE

N

D

Up/Down/Left/Right arrows

ENG BRK
ON/OFF

ENG BRK ON/OFF button

lison
mission

NOZ-1-100

MODE



ENG BRK
ON/OFF

ENG BRK
LO/MED/HI

MIRROR
HEAT

FRONT
WHEEL
LOCK

RADIO
PTT

PUMP
ENGAGE

LEFT MIRROR CONTROLS RIGHT

AERIAL MASTER STABILIZER CAMERA DS CORNERING LIGHT PS CORNERING LIGHT

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.



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

RADIO PTT

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

OFFICER HIGH BEAM FLASH ELECTRIC BRAKE AIR



**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**















BERGUARD for F
38289 D.S.
FIBERGUARD for F

Pierce

TANK LEVEL

WATER

OK TO PUMP

THROTTLE READY

PRESSURE

MODE

PRESET

MENU

IDLE



NO. 3 DRIVER SIDE DISCHARGE



Panel Lights

Driver Side Scene Lights

Passenger Side Scene Lights

TIP LIGHTS

AIR HORN

OK TO PUMP

TANK FILL

PLEASE REMOVE PROTECTIVE FILM

TANK TO PUMP



NO. 3 DRIVER SIDE DISCHARGE



PANEL LIGHTS



DRIVER SIDE
SCENE LIGHTS



PASSENGER SIDE
SCENE LIGHTS



TIP LIGHTS



AIR HORN



OK TO PUMP



FRONT DISCHARGE NO. 1 CROSSLAW NO. 2 CROSSLAW

PRIMER FIRE PUMP

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

TANK, EC PUMP

EC 2 DRIVER SIDE DISCHARGE

WATEROUS

OPERATIONAL INSTRUCTIONS

CAUTION

DANGER

38289 D.S.

Pierce

TANK LEVEL

WATER

OK TO PUMP

THROTTLE READY

PRESSURE

RPM

MODE

PRESET

IDLE

WARN



TANK FILL

TANK TO PUMP



NO. 2 CROSSLAY



PRIMER FIRE PUMP

TRIDENT AIR PRIME

PUSH TO PRIME

PRIMING INSTRUCTIONS



NO. 3 DRIVER SIDE DISCHARGE

NO. 2 PASSENGER SIDE DISCHARGE

NO. 1 DRIVER SIDE DISCHARGE

NO. 1 DRIVER SIDE DISCHARGE

NO. 1 DRIVER SIDE DISCHARGE

White plastic enclosure containing multiple electrical switches and a fuse block.





F

THROTTLE
READY

RPM

PRESET

NO. 1 CROSSLAY

NO. 2 CROSSLAY



FRONT DISCHARGE

NO. 1 CROSSLAY

NO. 2 CROSSLAY



WARNING: HOT FLUIDS

NO. 1 CROSSLAY

NO. 2 CROSSLAY



Blue electrical control panel with two black knobs and a power button.



DRIVER SIDE
AUX. INLET

ZERO
IN/OUT



NO. 1 DRIVER
SIDE DISCHARGE



NO. 3 DRIVER
SIDE DISCHARGE

**MINIMUM OPERATION
MAINTENANCE
SCHEDULE***

CHECK OPERATION WEEKLY:
Fuel filter as per manual
Batteries
Tires
Pneumatic system
Pressure Relief Leverage
Hydraulic Oil Level
Mechanical Quality Leverage

**EVERY 4 MONTHS OR 100
OPERATING HOURS:**
Check Fluids - Change Hydraulic Oil
(Max 540 - 560 gal. total)
Check Air Lines - Drain Air Lines
(Use automatic drain valve)
(Add ATF)
Grease maintenance -
Use 80W grease (ball
and roller bearings)

⚠ 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 250 kilovolts or less.
Account for swaying motion of power lines and supports.
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.

PULL TO OPEN
DRIVER SIDE
AUX. INLET

PULL TO OPEN
NO. 1 DRIVER
SIDE DISCHARGE

PULL TO OPEN
NO. 3 DRIVER
SIDE DISCHARGE



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

MANUAL
PUMP SHIFT





PRIMING INSTRUCTIONS
FOR ENHANCED PUMP
PERFORMANCE, PUMP ENGINE IS 1000
RPM WHILE PRIMING



WATEROUS
MODEL 5108C22D SERIAL NO: 181845
DATE: JAN-2024 RATIO: 2:48
CAPACITY: 2000 GPM AT 180 DISCH PSIG
HYDRO: 500 PSIG MAX DISCH: 300 PSIG

**MINIMUM OPERATION
MAINTENANCE
SCHEDULE**
CHECK OPERATION WEEKLY
Inspect valves or pressure
relief valves
Inspect water
filling system
Packing gland leakage
Removal: 100-200 drops
100-200 drops
Mechanical Seal Leakage: 0
**EVERY 6 MONTHS OR 100
OPERATING HOURS**
Grease Case - change lubricant
Pump Case - 100 gear lube
Chute Case - change lubricant
(This automatic transmission
has ATF)
Driver outboard bearing -
Use 8000 grease that
will 2000 hours



⚠ DANGER
Electrocution Hazard - Equipment is not insulated.
NEVER approach or contact power lines with any part of this
equipment.
Keep 10 feet from power line if voltage is not known.
Keep 20 feet from power line 350 kilovolts or less.
Approach the emergency stop button of power line 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.

PULL TO OPEN
DRIVER SIDE
AUX INLET
PULL TO OPEN
NO DRIVER
SIDE DISCHARGE









⚠ DANGER
Equipment Hazard - Equipment is not
intended for use as a lift. Equipment is not
designed to support or carry people
over the top edge of the compartment.
Do not use the compartment as a work
platform or as a means of access to the
top of the truck.
Do not use the compartment as a
work platform or as a means of access to the
top of the truck.
Do not use the compartment as a
work platform or as a means of access to the
top of the truck.





REAR SCENE
LIGHTS



P/N 3263807

EMERGENCY STOP

OVERRIDE

STABILIZER ENABLE





POWER
STABILIZERS
NOT STOWED



FRONT FIRM
ON GROUND

REAR FIRM
ON GROUND

LEVEL
ASSIST

STABILIZER
EPU

STOW
FRONT AND REAR

FRONT FIRM
ON GROUND

REAR FIRM
ON GROUND

TILT



3M



⚠ DANGER
Electrocution Hazard - Equipment is not grounded.
NEVER approach or contact power lines with any part of the equipment.
Keep 30 feet from power line if voltage is not known.
Keep 20 feet from power line 200 kilovolts or less.
Adjust for everying motion of power line and equipment.
Use light to report. Do not lean in the cab.
Do not step off a charged vehicle.
Approaching or contacting a power line will injure or kill.

Pierce



HOSE BED LIGHTS

Pierce







TANK TO PUMP

TANK FILL

AERIAL DRAIN

→
OPEN

PULL
TO
DRAIN

PULL
TO
DRAIN

OPEN



38289_P.S.

Netto



38289_P.S.



NO. 2 CROSSLAY

NO. 1 CROSSLAY

NO. 2 PASSENGER
SIDE DISCHARGE

AERIAL
DISCHARGE



LARGE DIA. PASS.
SIDE DISCHARGE

AERIAL INLET



15-0002
DOOR,S/S,FUEL FILLER CONTROL

WID: 33106485
91S01110C
BUIDL#: ASY001

QTY: 167

1: 200
2: 245
3: 1P9999
4:
5: 0

Part # 1328 #33108990 x 7.25000 y 5.50000

Lot: 5.00

3/8/24

PL263

16 DEC: PL263

SIX 1/7

Bar & CO

15



PRIMER CAP

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

Part 3
R CONTROL
FAB10
1: 200
2: 245
3: 1PP999
4:
5:
1-25000
1-50000





















TV
INTERCOM
VOLUME

SIREN BRAKE

AIR HORN

12V
15A





Bluetooth

JENSEN
HEAVY DUTY

NOAA



MODE
PAIR



BAND
SCROLL

1

2

3

4

5

6

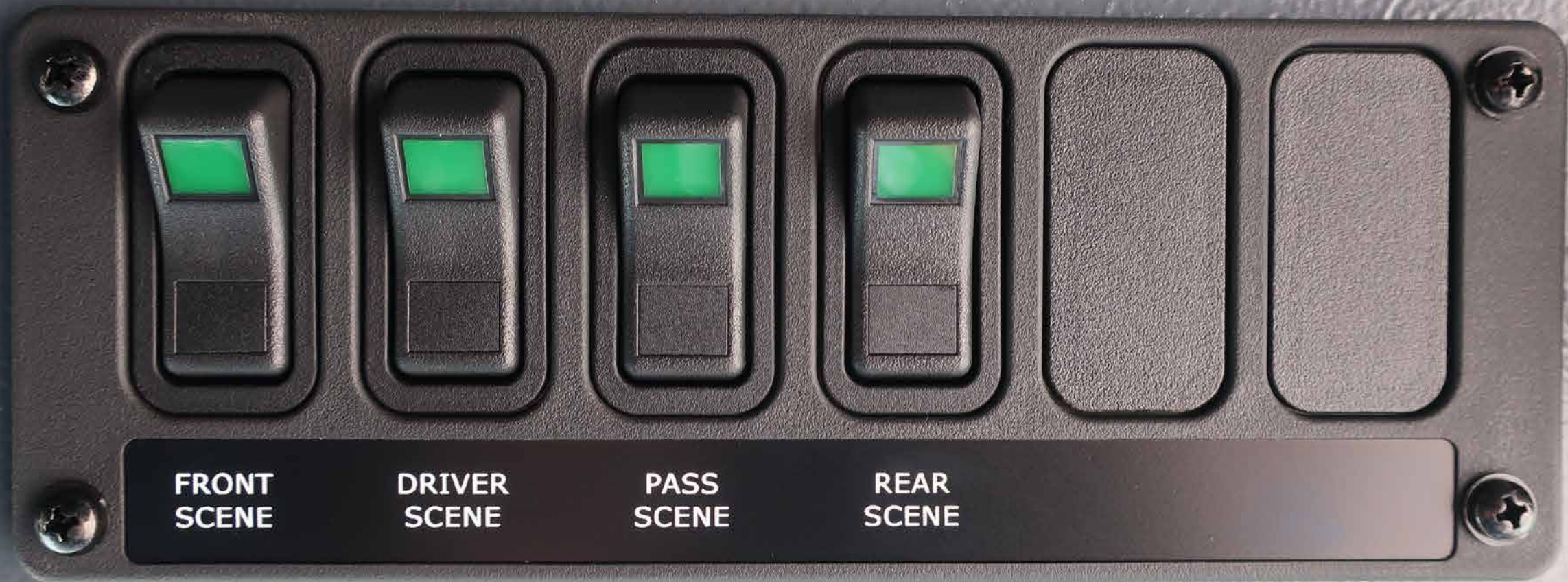
ENTER
INFO



PS
AS



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.

SPEAKERS

HORN

1

2

RAD

WHELE





HUGHES FIRE EQUIPMENT