

Photo Album for Pierce Job 38144 Portland Fire & Rescue, OR Custom Arrow XT Tiller

Wk 8 Production ending June 7, 2024

- The tiller continues assembly at the 41 plant.
- The major body section has begun the paint process at the 41 plant.
- The minor body sections have begun the paint process at the 41 plant.
- The tiller chassis is staged to begin assembly at the 41 plant.



RX HEAD SCREWS
ONLY!
HEAD SCREWS
ONLY!

RX HEAD SCREWS
ONLY!
RX HEAD SCREWS
ONLY!

38846

38846







104 HEAD ONLY
TONE HEAD ASSEMBLY ONLY

33114

XT



TORX HEAD SCREWS
ONLY!

TORX HEAD SCREWS
ONLY!

33114

XT



TORX HEAD SCREWS (DN.V)

TORX HEAD SCREWS (DN.V)

TORX HEAD SCREWS (DN.V)





Operator's Manual
Safety Instructions
Maintenance Schedule

- 1/2
- 3/4
- 5/6
- 7/8
- 9/0

AVANCEE
The Horsepower
for LASER Cut



DPF
REGEN



ENG
DIAG.



TECH
MODULE



CAB LIFT POWER
DISCONNECT





REGEN
INHIBIT



ABS
DIAG.



ENG/TRAN
ABS/DIAG.
PORT



DISPLAY

DPF
REGEN

ENG
DIAG.

TECH
MODULE

⚠️ WARNING
CLOCK SPRING MUST
BE RECENTERED IF
SHAFT IS REMOVED



LOAD
MANAGER

LIGHTBAR
FLASHING
DIABLE

WARNING
LTS LOW
INTENSITY





WARNING: BACKUP
1. STOP 2. GO
& BACKUP



BACKUP ALARM OVERRIDE	BELL	DIFF LOCK	TILLERMAN NOT SEATED	LOCKOUT CYLINDERS ENGAGED	STABILIZER LOCATOR LIGHTS

4-WAY HAZARD	LOCKED DOORS- UNLOCKED	ENG BRK ON/OFF	ENG BRK HI MED LO	TRACTION CONTROL DISABLE	MIRROR HEAT

CAUTION
DISENGAGE PETAFFER!
WHEN VEHICLE IS ON WET
OR SLIPPERY SURFACES.

CAUTION
MINIMUM SPEED FOR
GENERATOR IS 650 RPM

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

505-04
MODE
R
N
D
D

FLAT

CONVEX

WARNING BUZZER
1. STOP 2. GO
3. BACKUP





BACKUP ALARM OVERRIDE BELL DIFF LOCK TILLERMAN NOT SEATED LOCKOUT CYLINDERS ENGAGED STABILIZER LOCATOR LIGHTS



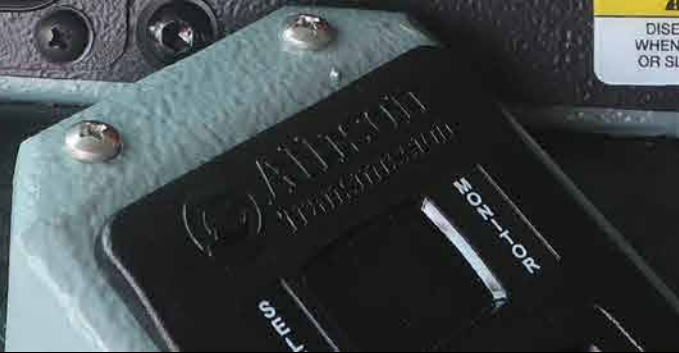
4-WAY HAZARD LOCKED -DOORS- UNLOCKED ENG BRK ON/OFF ENG BRK HI MED LO TRACTION CONTROL DISABLE MIRROR HEAT

CAUTION
 DISENGAGE RETARDER WHEN VEHICLE IS ON WET OR SLIPPERY SURFACES.

CAUTION
 MINIMUM SPEED FOR GENERATOR IS 650 RPM



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



DIFF LOCK
TILLERMAN NOT SEATED
LOCKOUT CYLINDERS ENGAGED
STABILIZER LOCATOR LIGHTS

ENG BRK ON/OFF
ENG BRK HI MED LO
TRACTION CONTROL DISABLE
MIRROR HEAT

CAUTION
DISENGAGE RETARDER WHEN VEHICLE IS ON WET OR SLIPPERY SURFACES.

CAUTION
MINIMUM SPEED FOR GENERATOR IS 650 RPM



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

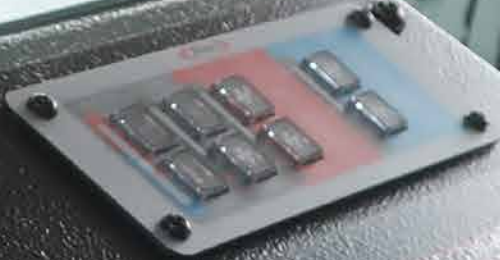
FLAT



CONVEX



GENERATOR OPERATING INSTRUCTIONS
PRE-START: 1. PLACE THE VEHICLE IN PARK.
START: 1. PLACE THE VEHICLE IN PARK.
STOP: 1. TURN OFF THE ENGINE.
2. PULL THE PARKING BRAKE.







**EMERGENCY
MASTER**



**ROOF
LIGHT**



**FRONT
WARNING**



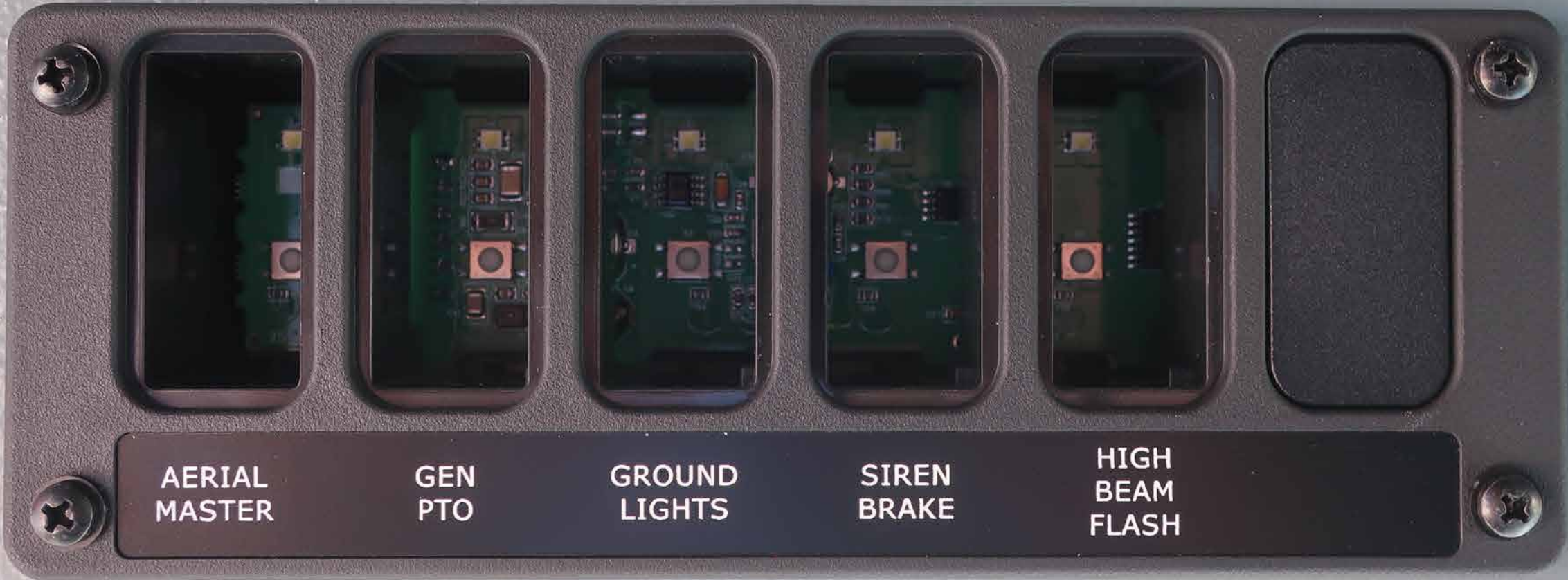
**SIDE
WARNING**



**LOWER
REAR
WARNING**



**UPPER
REAR
WARNING**



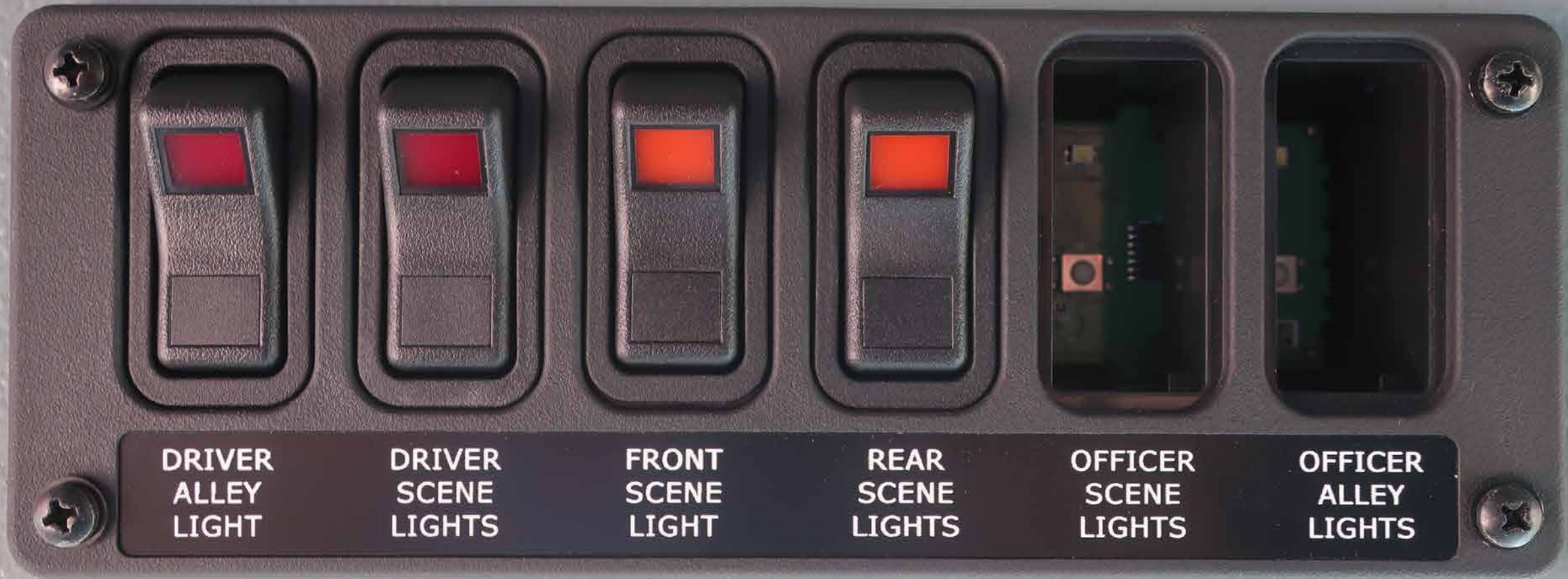
AERIAL
MASTER

GEN
PTO

GROUND
LIGHTS

SIREN
BRAKE

HIGH
BEAM
FLASH



**DRIVER
ALLEY
LIGHT**

**DRIVER
SCENE
LIGHTS**

**FRONT
SCENE
LIGHT**

**REAR
SCENE
LIGHTS**

**OFFICER
SCENE
LIGHTS**

**OFFICER
ALLEY
LIGHTS**



POWER

HIGH
OFF
LOW



FUNCTION

LEFT
RIGHT
SPLIT
FLASH

WHELEN[®]
TRAFFIC ADVISOR[™]



DIRECTION INDICATOR









38144 ASBUILT

P.R. 144



38144 ASBUILT

PIERCE MANUFACTURING
1140
USDOT



11402
USDOT

38144 ASBU

4-WAY SWITCH
 LOCKED WORKING DISLOCKED
 DIESEL SW. ON/OFF
 ENG. SW. ON/OFF
 TRACTOR CONTROL DISABLE
 HYDRA. HEAT

CAUTION
 NEVER OPERATE WITHOUT PROTECTIVE DEVICES

Pierce

HEAT/DEF

HOT

TEMP ↑

TEMP ↓

LO

H

DEF

FAN ↑

FAN ↓

LO

HEAT

☀️

A/C

❄️

GENERATOR OPERATING INSTRUCTIONS

PRE-START: RECOMMENDED ENGINE SPEED FOR PTO ENGAGEMENT IS IDLE.

START: 1. PLACE THE GENERATOR PTO SWITCH IN THE ENGAGED POSITION.

STOP: 1. TURN OFF ALL DEVICES RECEIVING POWER FROM THE GENERATOR.
 2. PLACE THE GENERATOR PTO SWITCH IN THE DISENGAGED POSITION.

1017374

WARNING DO NOT REMOVE

SPARE WIRING BEHIND PANEL

OPTION # 0913506
 WIRE # 394716640-4903/1992/1638
 TERMINATION TYPE Push button / SW
 TERM LOC OS - Engine tunnel
 VERIFICATION CLOCK # 298280

1663539

Pierce

HEAT/DEF

DEF

HOT

TEMP ↑

HI

LO

OFF

↑

TEMP ↓

FAN ↓

COLD

TEMP

FAN

HI

FAN ↑

LO

FAN ↓

OFF

FAN

HEAT



HI

FAN ↑

LO

FAN ↓

OFF

FAN

A/C









TORX HEAD SCREWS
(ONLY)
TORX HEAD SCREWS
(ONLY)

38144



TORK HEAD SCREWS
ONLY!
TORK HEAD SCREWS
ONLY!

K HEAD SCREWS
ONLY!

K HEAD SCREWS
ONLY!



CREWS

CREWS





D.R. 144

NOTICE
FRONTAL IMPACT & OR
SIDE ROLL PROTECT







TORY HEAD SCREWS
ONLY!
TORY HEAD SCREWS
ONLY!

23114

TORY





Please



VEHICLE
DATA RECORDER

 **NOVAC**
Beyond The Sky



 **NOVA**
Beyond The Surface



SWIRL ALLEY LIGHT
DRIVER SCENE LIGHTS
FRONT SCENE LIGHT
REAR SCENE LIGHTS
OFFICER SCENE LIGHTS
OFFICER ALLEY LIGHTS

WHELEN®

DUAL
OFF
MONO

MAN
STDBY

HF
RAD

FUNCTION

WAIL
YELP
T3

MAN
AIRHORN

VOI

© 2013 Whelen



WARNING



WHELEN[®]

DUAL

HF

MAN

AIRHORN

MAN

WAIL

OFF

STDBY

YELP

RAD

T3

MONO

FUNCTION

VOL

09-0469331-00





**DRIVER
ALLEY
LIGHT**

**DRIVER
SCENE
LIGHTS**

**FRONT
SCENE
LIGHT**

**REAR
SCENE
LIGHTS**

**OFFICER
SCENE
LIGHTS**

**OFFICER
ALLEY
LIGHTS**





38144

TRANSVER



38144

38144

X



38144

X



UPP REAR BODY

3814

X



TRANSV

REAR BODY



38144

#70



38144

#70











38144

470















HUGHES FIRE EQUIPMENT