

# **INSTALLATION MANUAL**

## **METAL OUTDOOR PARCEL LOCKER**

### **TYPE I**

### **1590 SERIES**



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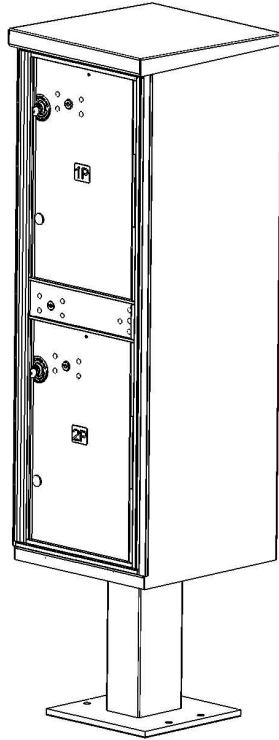
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*YOUR ISO 9001 MAILBOX SUPPLIER*

# OPL INFORMATION

## METAL OPL TYPE I

### 1590 SERIES



**1590T1AF**

	<b>1590T1AF</b>
<b>INSTALLED HEIGHT</b>	<b>62"</b>
<b>DEPTH</b>	<b>17-7/8"</b>
<b>WIDTH</b>	<b>15-7/8"</b>
<b>WEIGHT (WITHOUT PEDESTAL)</b>	<b>83 LBS</b>
<b>WEIGHT (WITH PEDESTAL)</b>	<b>100 LBS</b>
<b>QTY OF STANDARD COMPARTMENTS</b>	<b>0</b>
<b>QTY OF PARCEL COMPARTMENTS</b>	<b>2</b>
<b>PARCEL COMPARTMENT HEIGHT</b>	<b>19.8"</b>
<b>PARCEL COMPARTMENT WIDTH</b>	<b>12.3"</b>

# SECURITY TOLL REQUIREMENTS

METAL OPL TYPE I

1590 SERIES

## IMPORTANT NOTICE FOR U.S.P.S. INSTALLERS

INSTALLER MUST ORDER McGARD SCREW DRIVER  
(U.S.P.S. - MAIL EQUIPMENT SHOP PART NUMBER 110050)  
TO INSTALL AND SERVICE THE PARCEL DOOR ARROW LOCK COVER  
ON THE FLORENCE OPL.

IF THE  
**McGARD SCREW DRIVER MES NO. 110050**  
NEEDS TO BE ORDERED  
IT MAY BE ORDERED BY FAXING AN "OFF CATALOG" eBUY REQUEST TO:

**U.S.P.S. MAIL EQUIPMENT SHOP**  
**FAX NO. (202) 281-2643**

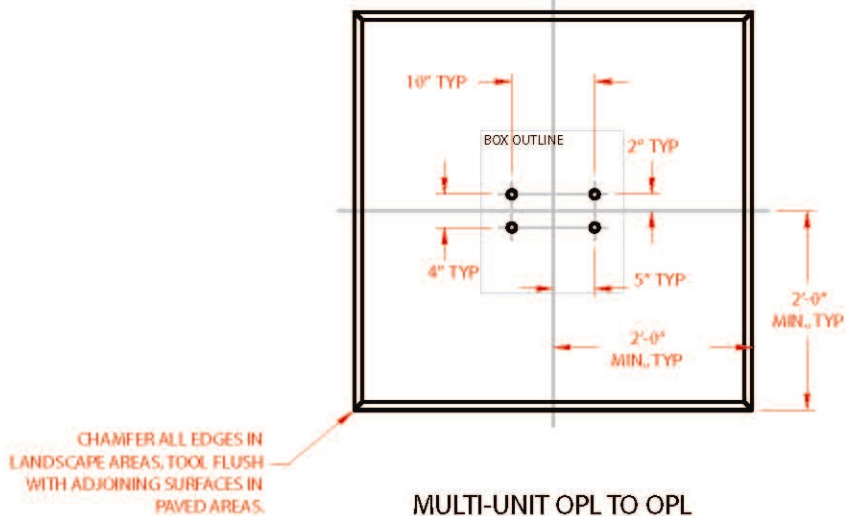


QUESTIONS? CALL THE U.S.P.S. MAIL EQUIPMENT SHOP AT (202) 281-2620

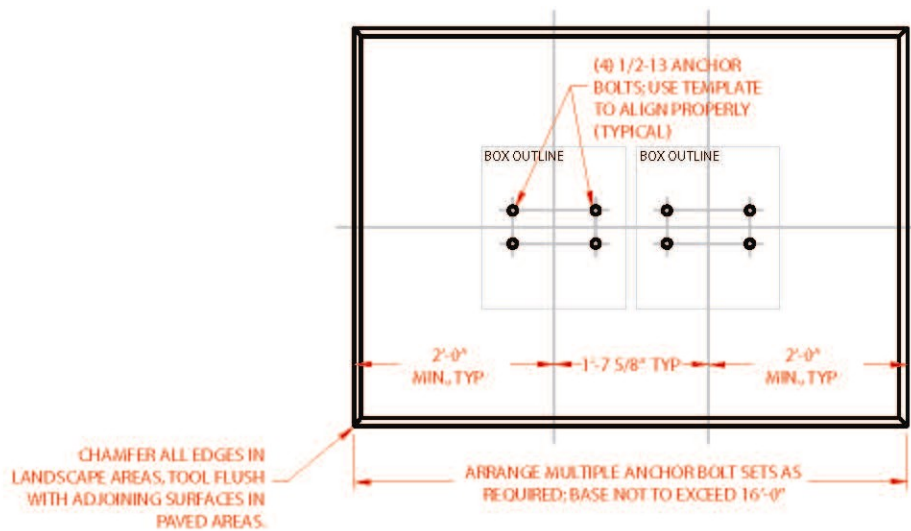
# SITE PREPARATION AND PEDESTAL INSTALLATION

## METAL OPL TYPE I 1590 SERIES

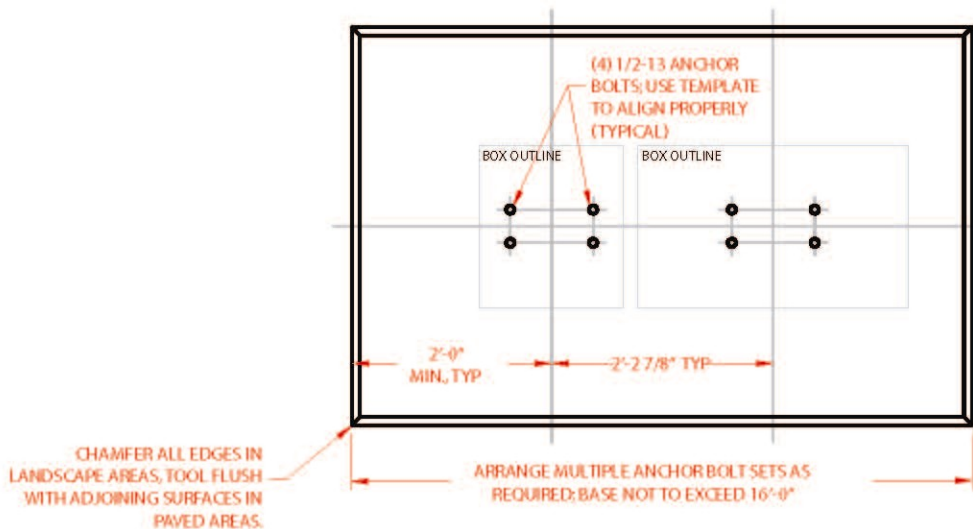
SINGLE UNIT



MULTI-UNIT OPL TO OPL



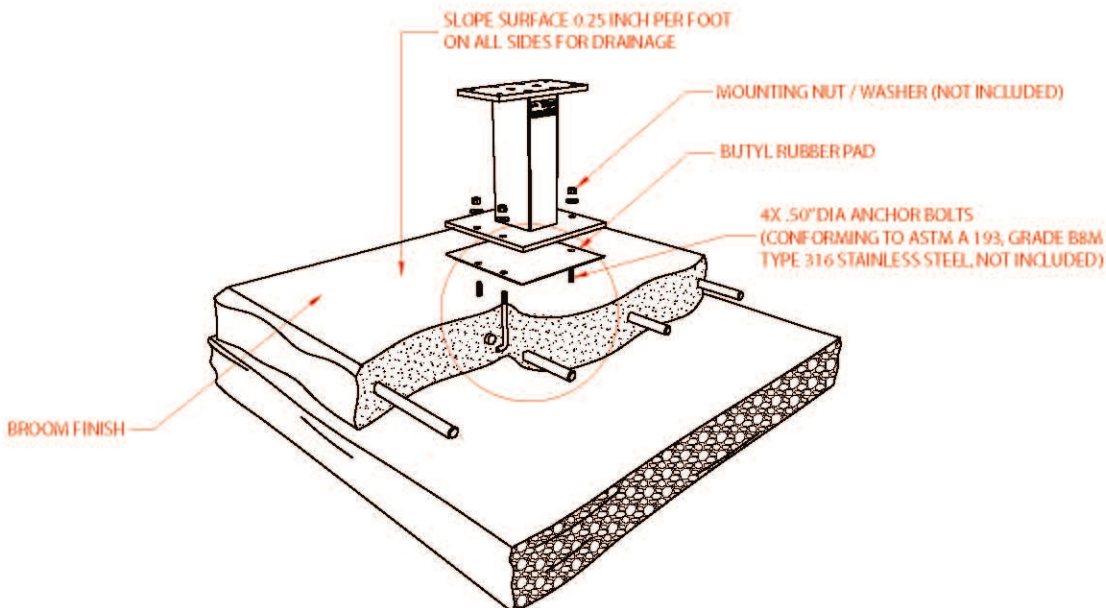
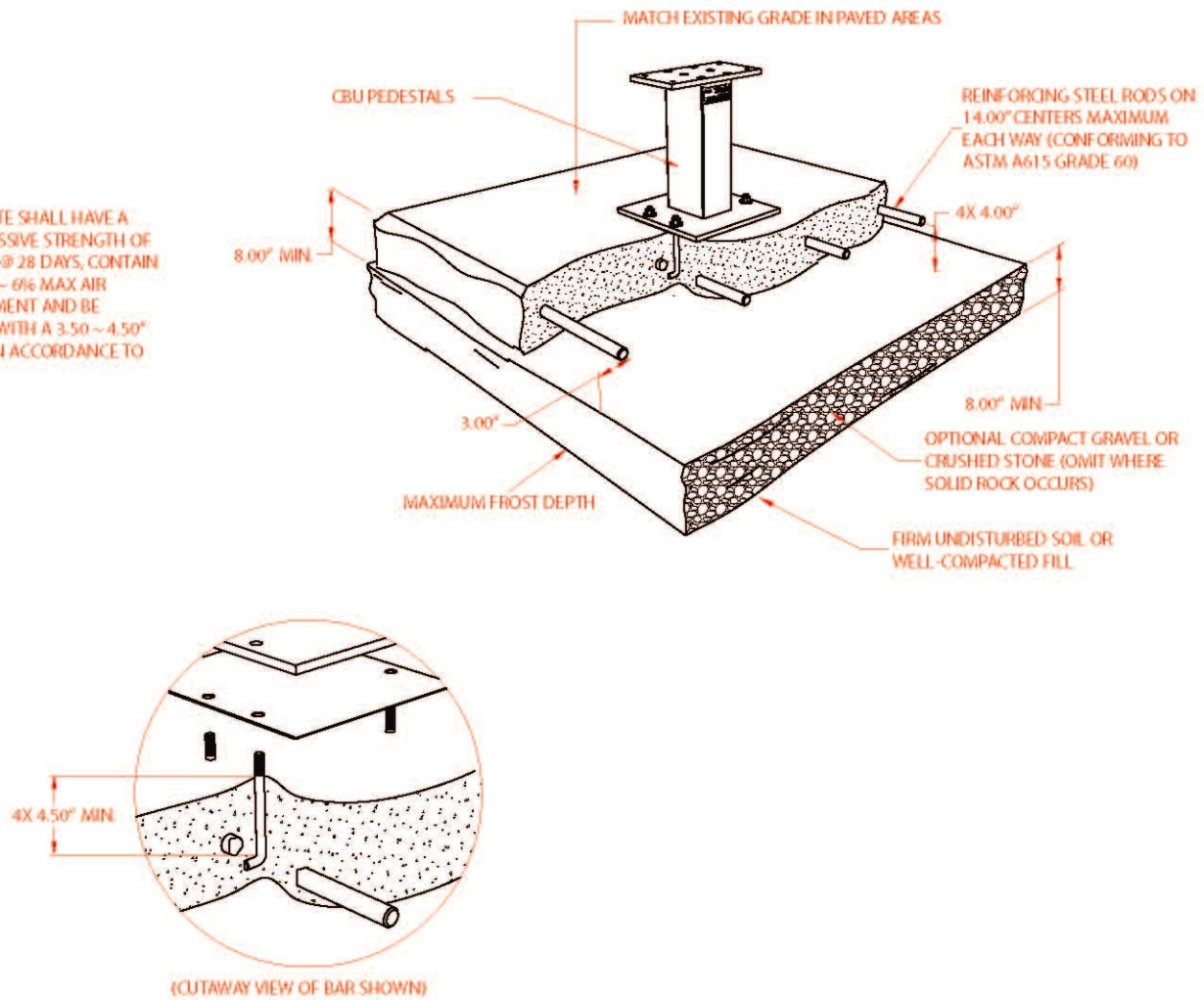
MULTI-UNIT OPL TO CBU



# SITE PREPARATION AND PEDESTAL INSTALLATION

## METAL OPL TYPE I 1590 SERIES

NOTE:  
CONCRETE SHALL HAVE A  
COMPRESSIVE STRENGTH OF  
3000 PSI @ 28 DAYS, CONTAIN  
4% MIN. ~ 6% MAX AIR  
ENTRAPMENT AND BE  
PLACED WITH A 3.50 ~ 4.50"  
SLUMP IN ACCORDANCE TO  
301



# INSTALLATION OF MASTER LOAD ARROW LOCK

## METAL OPL TYPE I

### 1590 SERIES

TO BE INSTALLED BY AUTHORIZED  
U.S.P.S. PERSONNEL ONLY

- 1.** OPEN ARROW LOCK DOOR.
- 2.** REMOVE FIVE (5) 86091 10-32 LOCK NUTS WITH 92303 LOCK SUPPORT PLATE (DISPOSE OF PLASTIC SHIPPING SPACER).
- 3.** PLACE ARROW LOCK IN ONE (1) PH92300-F ARROW LOCK SECURITY BRACKET AND POSITION ON DOOR.
- 4.** REPLACE ONE (1) 86091 10-32 LOCK NUT IN THE REAR POSITION TO SECURE 92300 ARROW LOCK SECURITY BRACKET.
- 5.** INSTALL 92303 LOCK SUPPORT PLATE AS SHOWN.
- 6.** REPLACE FOUR (4) 86091 10-32 LOCK NUTS. TORQUE 25 TO 30 INCH-POUNDS (OVERTIGHTENING MAY KEEP ARROW LOCK FORM OPERATING CORRECTLY).

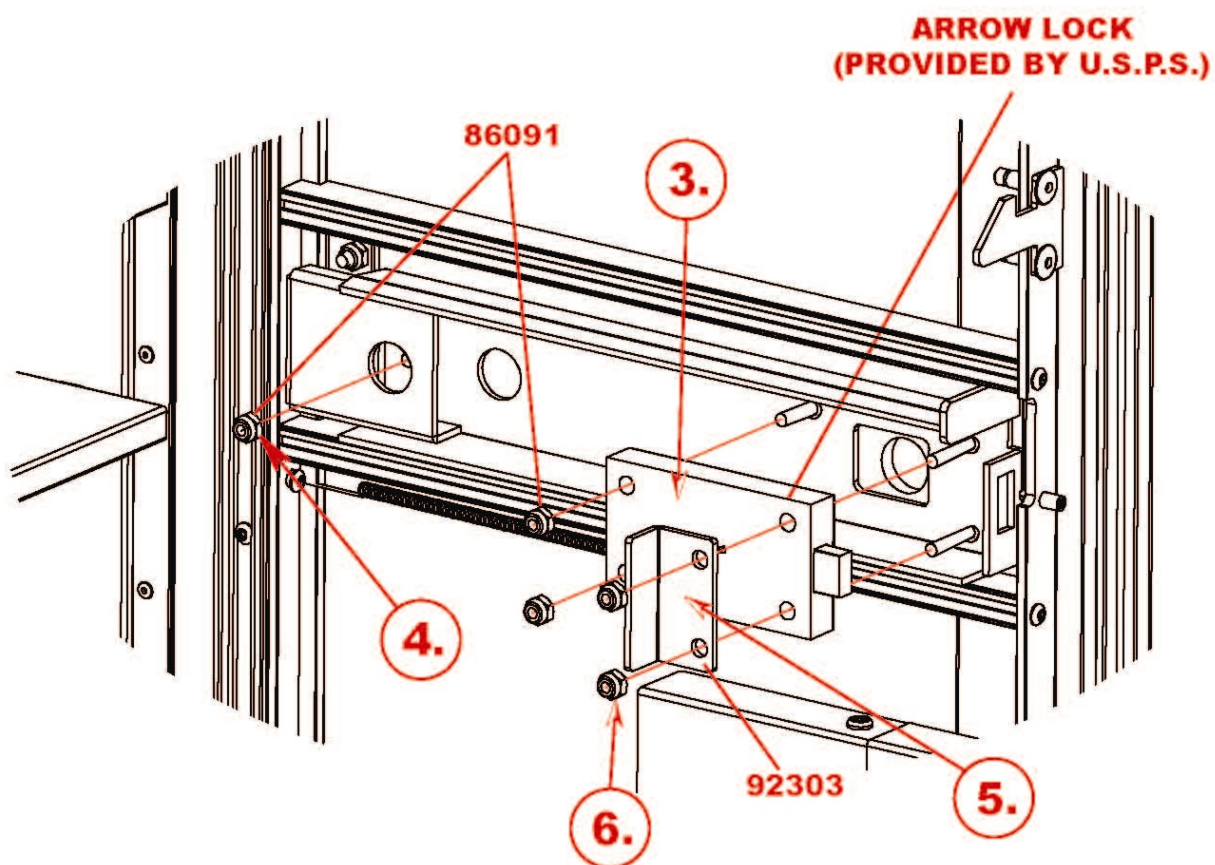
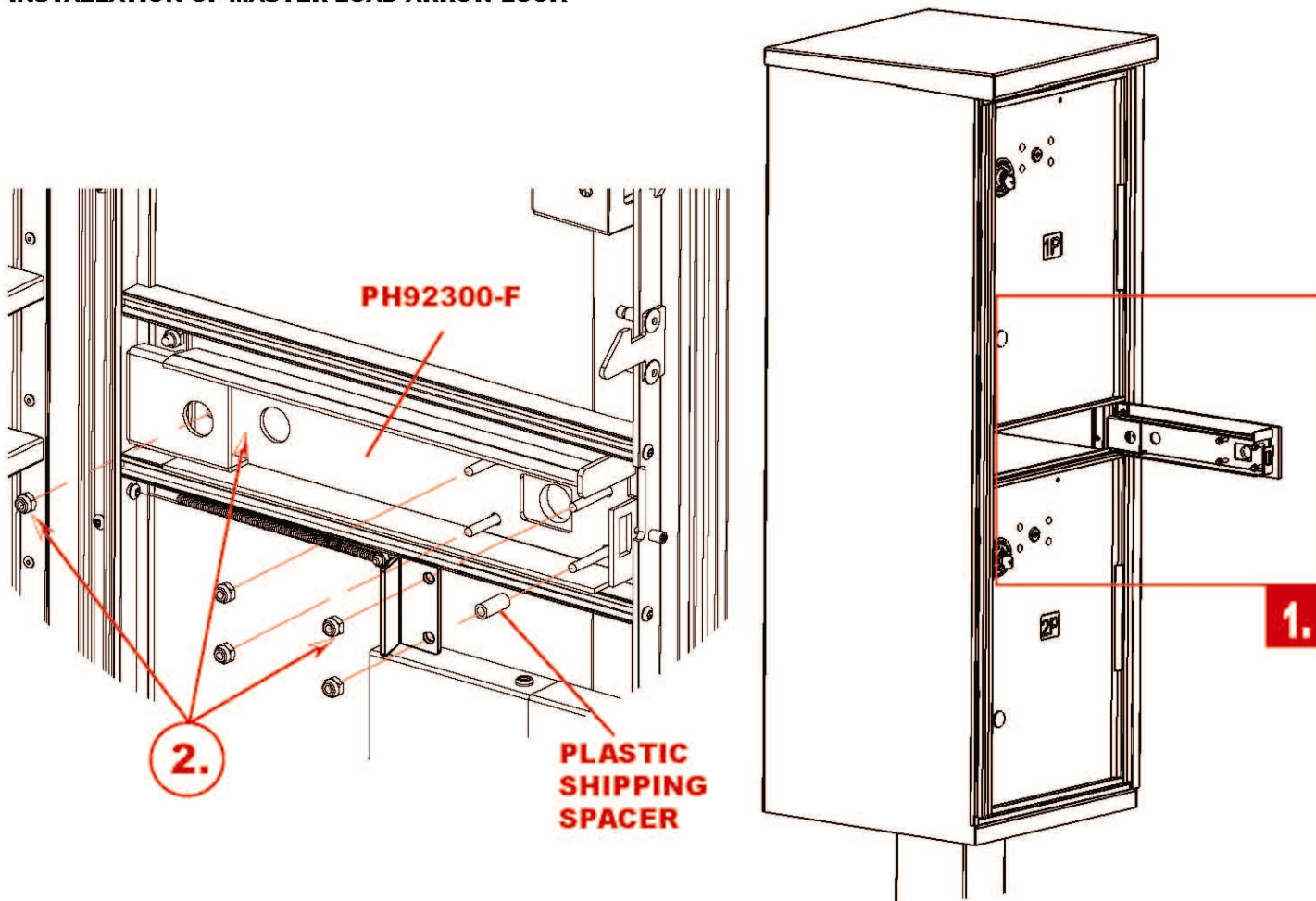
PART #	DESCRIPTION
86091	10-32 LOCK NUT
92303	LOCK SUPPORT PLATE
	ARROW LOCK (PROVIDED BY U.S.P.S.)
PH92300-F*	ARROW LOCK SECURITY BRACKET
K92300	KIT ARROW LOCK SECURITY BRACKET (INCLUDES LOCK NUTS, LOCK SUPPORT PLATE & SECURITY BRACKET)
	*ONLY AVAILABLE IN K92300

#### REQUIRED TOOLS

3/8" SOCKET WRENCH



## INSTALLATION OF MASTER LOAD ARROW LOCK



# PARCEL ARROW LOCK INSTALLATION

## METAL OPL TYPE I

### 1590 SERIES

TO BE INSTALLED BY AUTHORIZED  
U.S.P.S. PERSONNEL ONLY

## 1. OPEN PARCEL DOOR AND LOCK PARCEL DOOR CUSTOMER LOCK.

NOTE: PARCEL DOOR CUSTOMER LOCK MUST BE IN THE LOCKED POSITION FOR KEY TO BE REMOVED.

## 2. POSITION 64042-SS PARCEL DOOR LOCK STIFFENER ON THE PARCEL DOOR BOLTS AS ORIENTED IN ILLUSTRATION.

## 3. INSTALL ARROW LOCK AS SHOWN, SECURING WITH FOUR (4) 86455 10-32 THIN LOCK NUTS. TORQUE 25 TO 30 INCH-POUNDS (OVERTIGHTENING MAY KEEP ARROW LOCK FORM OPERATING CORRECTLY).

## 4. POSITION 64216-SS PARCEL DOOR ARROW LOCK COVER, SECURING WITH TWO (2) 84993 10-32 18-8 SS PASSIVATED MCGARD FASTENERS.

NOTE: THESE FASTENERS REQUIRE A MCGARD SCREW DRIVER, (SEE PAGE 3).

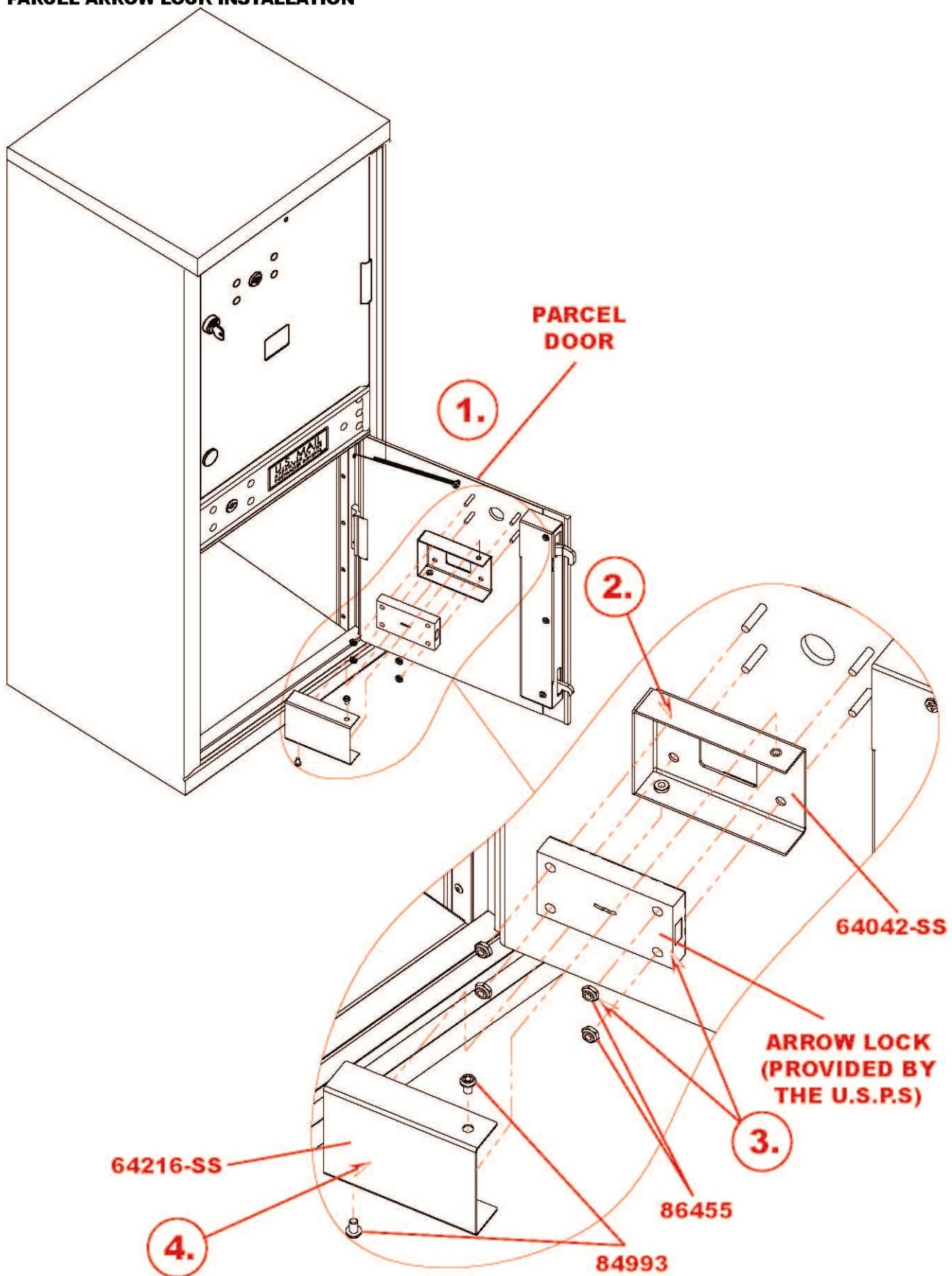
PART #	DESCRIPTION
64042-SS	SS PARCEL DOOR LOCK STIFFENER
	ARROW LOCK (PROVIDED BY U.S.P.S.)
86455	10-32 THIN LOCK NUT
64216-SS	SS PARCEL DOOR ARROW LOCK COVER
84993	10-32 x .312 18-8 SS PASSIVATED MCGARD FASTENER
K64216-SS	KIT PARCEL LOCK COVER SS (INCLUDES SS PARCEL DOOR ARROW LOCK COVER, SS PARCEL DOOR LATCH MECHANISM COVER AND HARDWARE)

### REQUIRED TOOLS

U.S.P.S. PROPRIETARY MCGARD TOOL  
3/8" SOCKET WRENCH OR NUT DRIVER



## PARCEL ARROW LOCK INSTALLATION



# PEDESTAL TO OPL INSTALLATION

## METAL OPL TYPE I

### 1590 SERIES

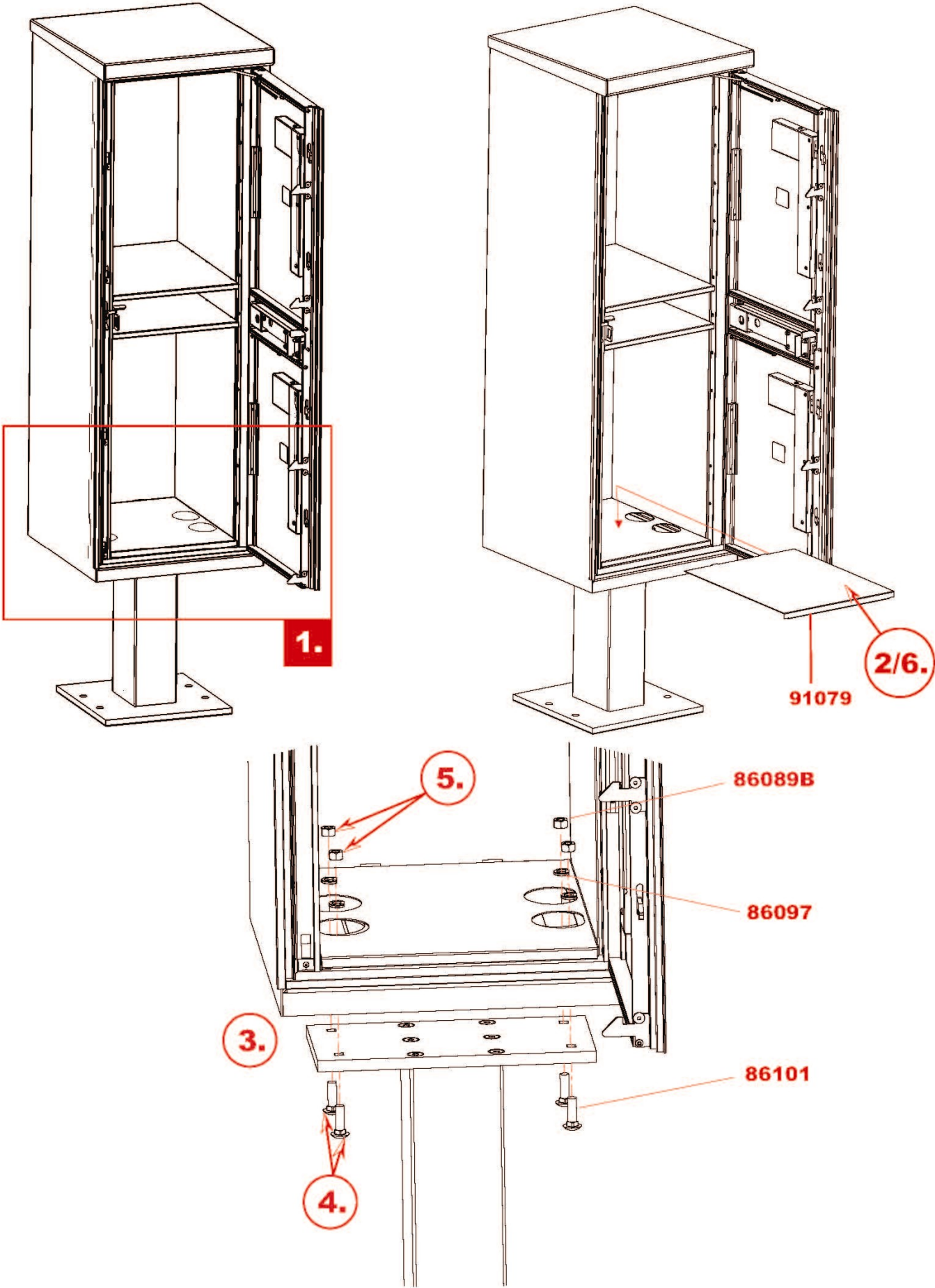
WARNING: UNIT IS TOP-HEAVY.  
PEDESTAL SHOULD BE MOUNTED TO  
PAD BEFORE INSTALLING CABINET.

- 1.** OPEN MASTER LOADING DOOR.
- 2.** REMOVE 91079 FLOATING SHELF,  
EXPOSING MOUNTING HOLES.
- 3.** PLACE UNIT ON ONE (1) 91121  
PEDESTAL.
- 4.** FROM UNDERNEATH UNIT, INSERT FOUR  
(4) 86101 3/8-16 X 1.25 CARRIAGE BOLTS  
UPWARD.
- 5.** FROM INSIDE PARCEL COMPARTMENTS,  
ADD FOUR (4) 86097 3/8" X .688 OD  
LOCK WASHER AND TIGHTEN FOUR (4)  
86089B 3/8-16 HEX NUTS. TORQUE TO 22  
FOOT-POUNDS.
- 6.** REPLACE 91079 FLOATING SHELF.

REQUIRED TOOLS
9/16" SOCKET WRENCH

PART #	DESCRIPTION
91079	FLOATING SHELF
91121	PEDESTAL
86101	3/8-16 X 1.25 CARRIAGE BOLT
86097	3/8" X .688 OD LOCK WASHER
86089B	3/8-16 HEX NUT
K86101-F	KIT HARDWARE PEDESTAL TO UNIT MOUNTING (INCLUDES CARRIAGE BOLTS, LOCK WASHERS AND HEX NUTS)

PEDESTAL TO OPL INSTALLATION



# NUMBER PLACARD INSTALLATION

## METAL OPL TYPE I

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TO ALLOW FOR ALTERNATE NUMBERING WE SHIP THE NUMBER PLACARDS LOOSE (FOR UNITS THAT ARE NOT ENGRAVED).

IF YOU DESIRE TO USE PLACARDS OTHER THAN PROVIDED '1P' AND / OR '2P', YOU CAN ORDER DIFFERENT NUMBERS. THE OPTIONS RANGE FROM '1P' TO '99P'.

- 1.** REMOVE ADHESIVE COVER ON BACK OF PLACARD AND PLACE APPROPRIATE NUMBER PLACARD IN DOOR EMBOSS.

NOTE: TO ADHERE TO POSTAL REGULATIONS, PLACE THE LOWER NUMBER PLACARD ON THE TOP PARCEL DOOR.

- 2.** FOR EACH OF THE (3) THREE 86159 KEY TAGS PER DOOR CLEARLY PRINT THE DOOR PLACARD NUMBER IN SPACE INDICATED ON TAG.

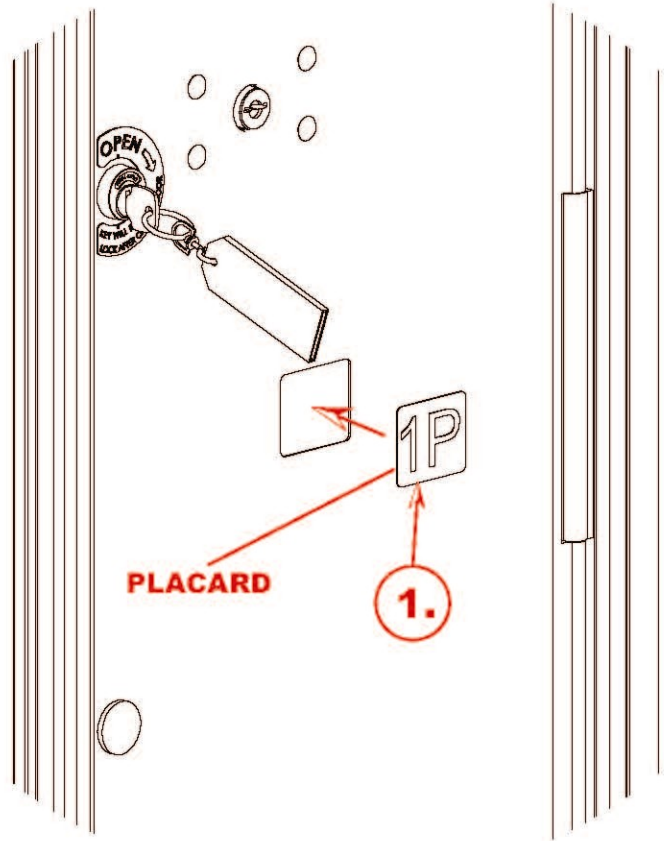
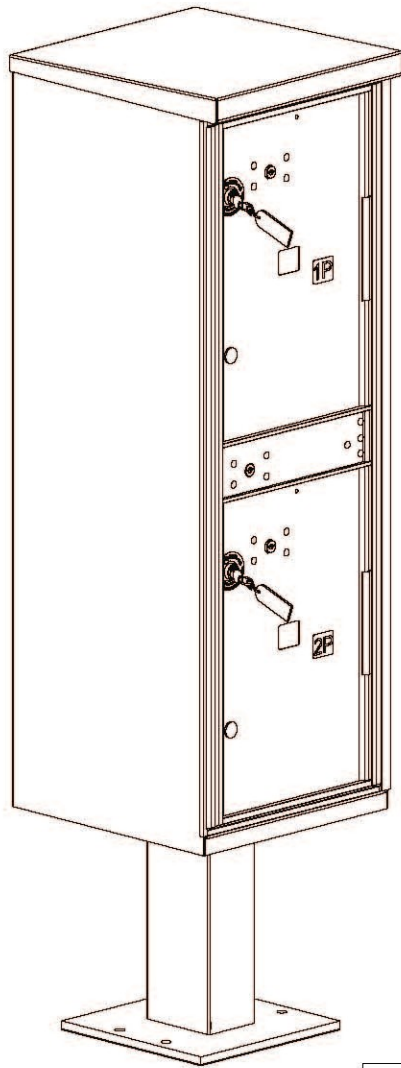
- 3.** CHECK KEY OPERATION FOR DOOR AND PLACE 86159 MARKED KEY TAGS IN EACH OF THE CORRESPONDING 86160-3 PLASTIC KEY RINGS AS INDICATED.

PART #	DESCRIPTION
91511-1P	NUMBER PLACARD '1P'
91511-2P	NUMBER PLACARD '2P'
91516	INDIVIDUAL NUMBER PLACARD '3P' - '99P'
86159	1 KEY TAG
86160-3	3 KEY RINGED TAG HOLDERS
K86160	KIT TAG HOLDERS W/ TAGS (INCLUDES THREE KEY RINGED TAG HOLDERS AND THREE KEY TAGS)

#### REQUIRED TOOLS

PERMANENT FINE POINT PEN

## NUMBER PLACARD INSTALLATION

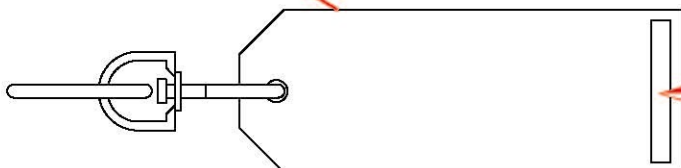


86159

**POSTAL CUSTOMER: YOU HAVE  
MAIL IN RECEPTACLE #\_\_\_\_\_,  
PLEASE UNLOCK THE TOP LOCK  
AND REMOVE MAIL. KEY WILL BE  
RETAINED IN THE LOCK.**

2.

86160-3



**POSTAL CUSTOMER: YOU HAVE  
MAIL IN RECEPTACLE #\_\_\_\_\_,  
PLEASE UNLOCK THE TOP LOCK  
AND REMOVE MAIL. KEY WILL BE  
RETAINED IN THE LOCK.**

3.