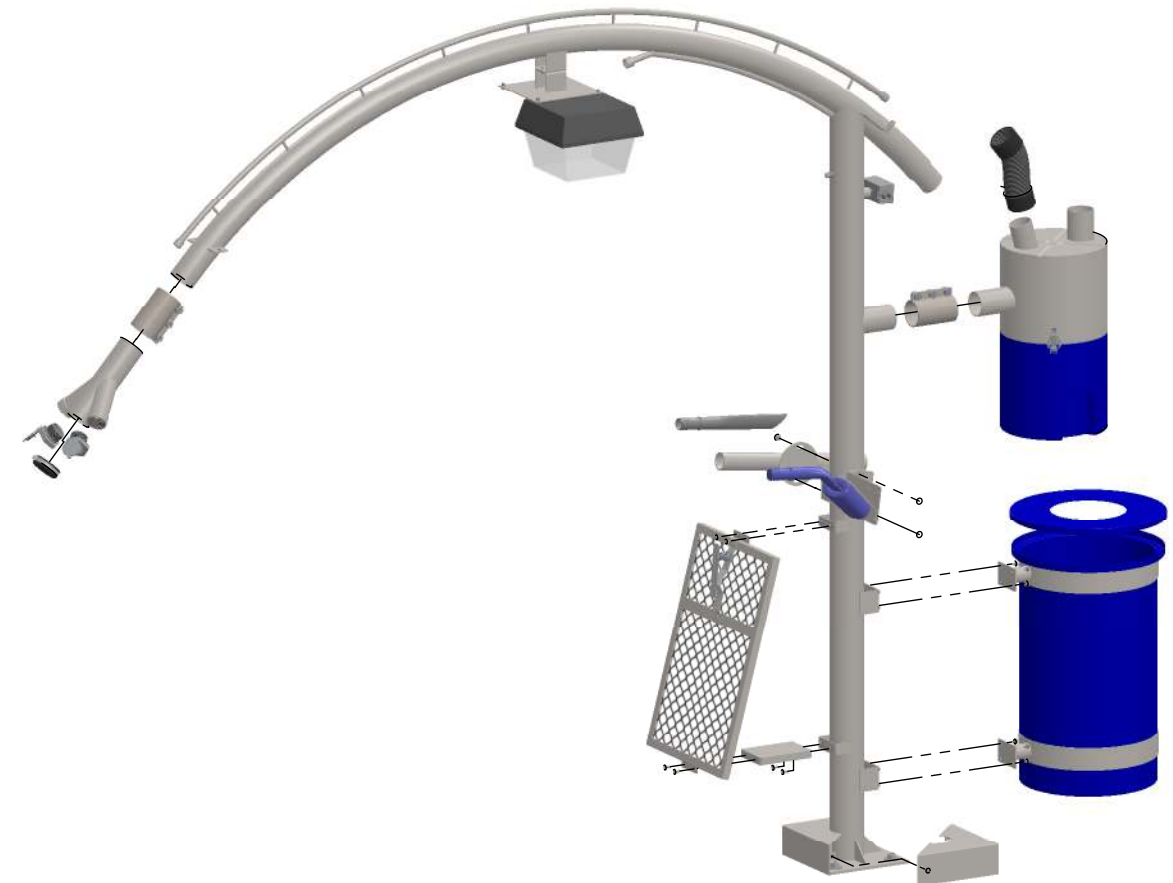


A1 ARCH ASSEMBLY INSTRUCTIONS



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 ANGULAR: $\pm 1^\circ$
 ONE PLACE DECIMAL $\pm .1$
 TWO PLACE DECIMAL $\pm .030$
 THREE PLACE DECIMAL $\pm .010$

	NAME	DATE
Designer:	DLaFrenz	
Drafter:	DLaFrenz	
Checker:	S. Tucker	
Mfg. Approval:	S. Tucker	
Engineering:	B. Tucker	

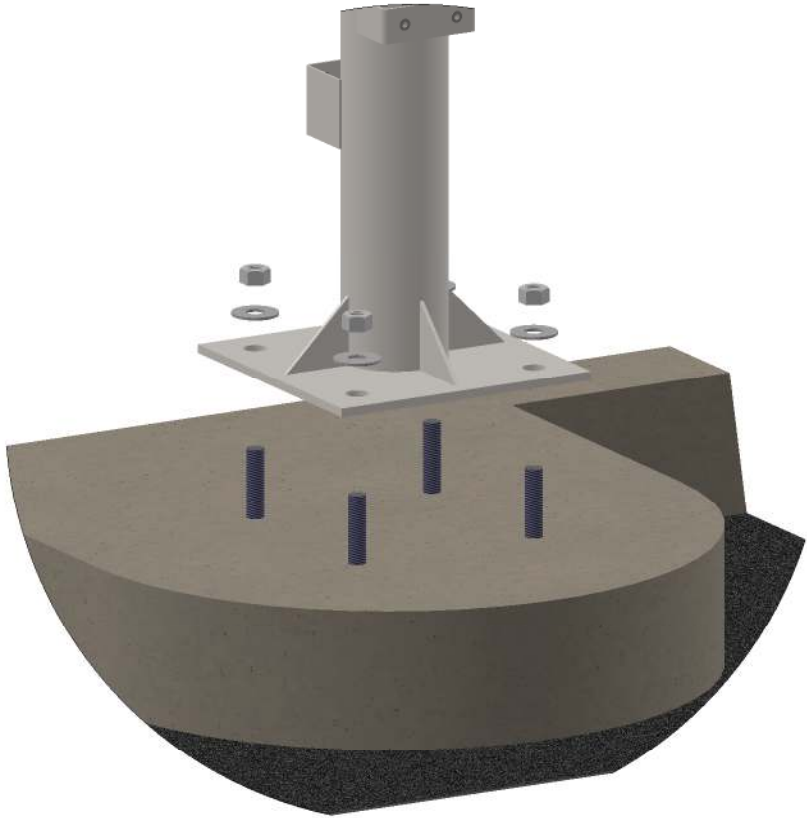

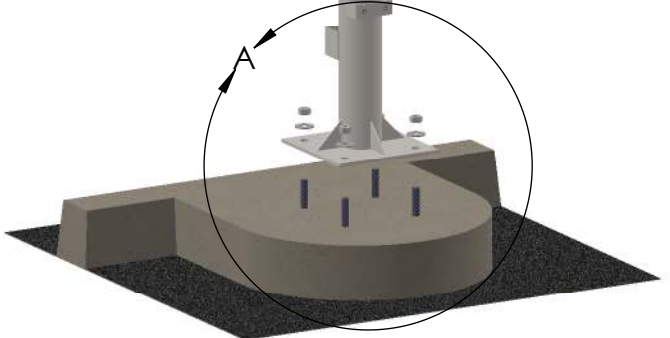
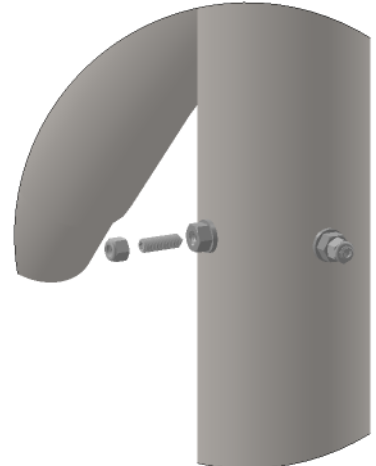
PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AUTOVAC INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AUTOVAC INC. IS PROHIBITED.

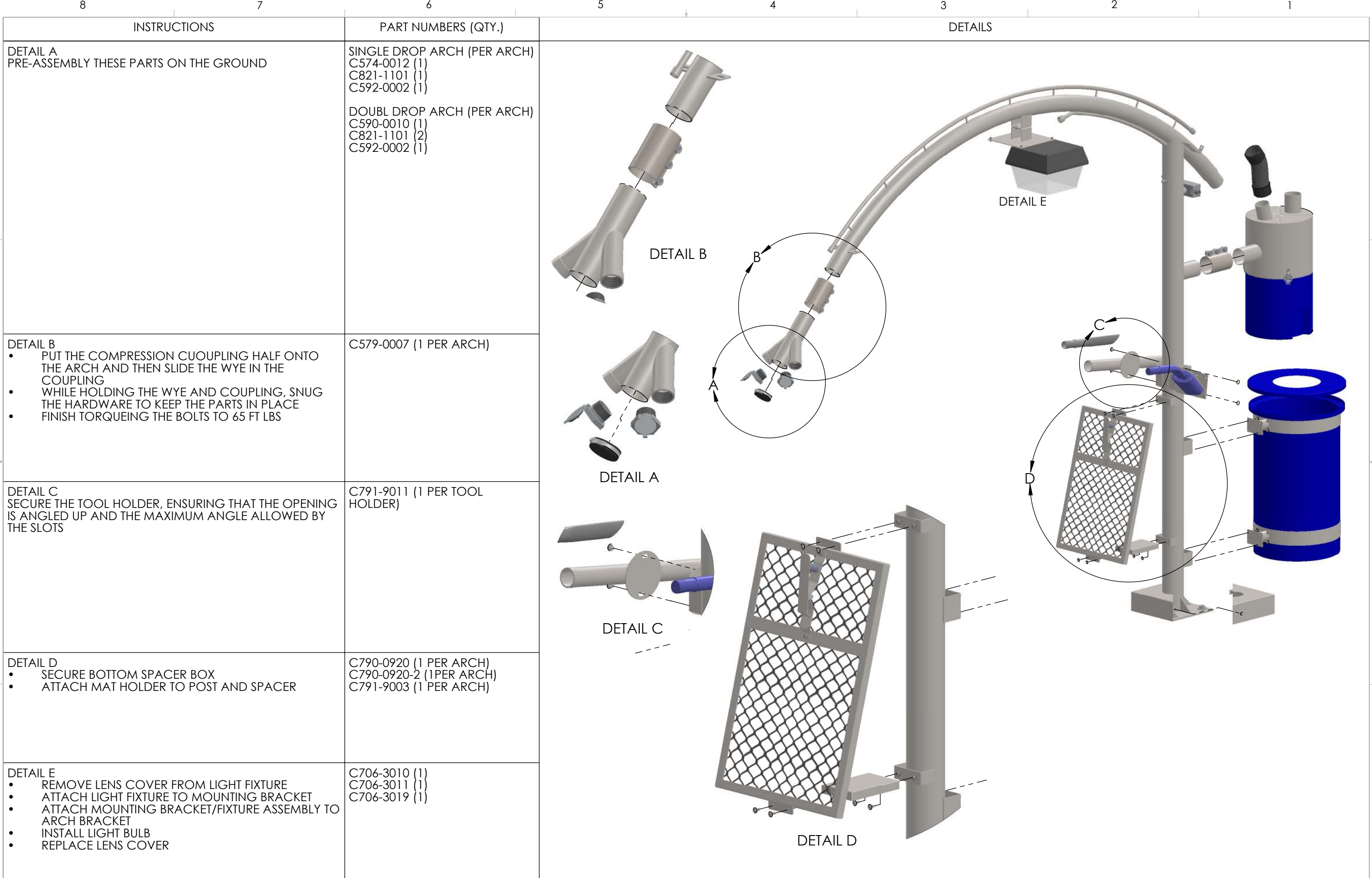
TITLE:
A1 ARCH ASSEMBLY INSTRUCTIONS

SIZE	PART #:	REV
B	C010-0002	D

FILE NAME:
 C010-0002 REV D

DO NOT SCALE	SHEET 1 OF 6
--------------	--------------

INSTRUCTIONS		PART NUMBERS (QTY.)	DETAILS	
D	DETAIL A <ul style="list-style-type: none"> SET POST ON FOOTING AND SECURE (HARDWARE NOT PROVIDED) USE WASHERS OR LEVELING NUTS TO MAKE POST PLUMB 	C706-1102 (1 PER ARCH) [OVERHEAD VACUUM LINE] OR C706-1103 (1 PER ARCH) [UNDERGROUND VACUUM LINE]		
C	SET ARCH ON POST	C706-15201 (1 PER ARCH)		
B	ADJUST ANGLE OF ARCH PARALLEL TO PARKING LANE			
A	DETAIL B <ul style="list-style-type: none"> INSTALL SET SCREWS AND TIGHTEN TO LOCK ARCH POSITION INSTALL NUTS TO LOCK SET SCREWS INTO PLACE 	C791-9002 (1)		



INSTRUCTIONS

PART NUMBERS (QTY.)

DETAIL A
 PRE-ASSEMBLY THESE PARTS ON THE GROUND

SINGLE DROP ARCH (PER ARCH)
 C574-0012 (1)
 C821-1101 (1)
 C592-0002 (1)

DOUBL DROP ARCH (PER ARCH)
 C590-0010 (1)
 C821-1101 (2)
 C592-0002 (1)

DETAIL B

- PUT THE COMPRESSION CUOUPLING HALF ONTO THE ARCH AND THEN SLIDE THE WYE IN THE COUPLING
- WHILE HOLDING THE WYE AND COUPLING, SNUG THE HARDWARE TO KEEP THE PARTS IN PLACE
- FINISH TORQUEING THE BOLTS TO 65 FT LBS

C579-0007 (1 PER ARCH)

DETAIL C
 SECURE THE TOOL HOLDER, ENSURING THAT THE OPENING IS ANGLED UP AND THE MAXIMUM ANGLE ALLOWED BY THE SLOTS

C791-9011 (1 PER TOOL HOLDER)

DETAIL D

- SECURE BOTTOM SPACER BOX
- ATTACH MAT HOLDER TO POST AND SPACER

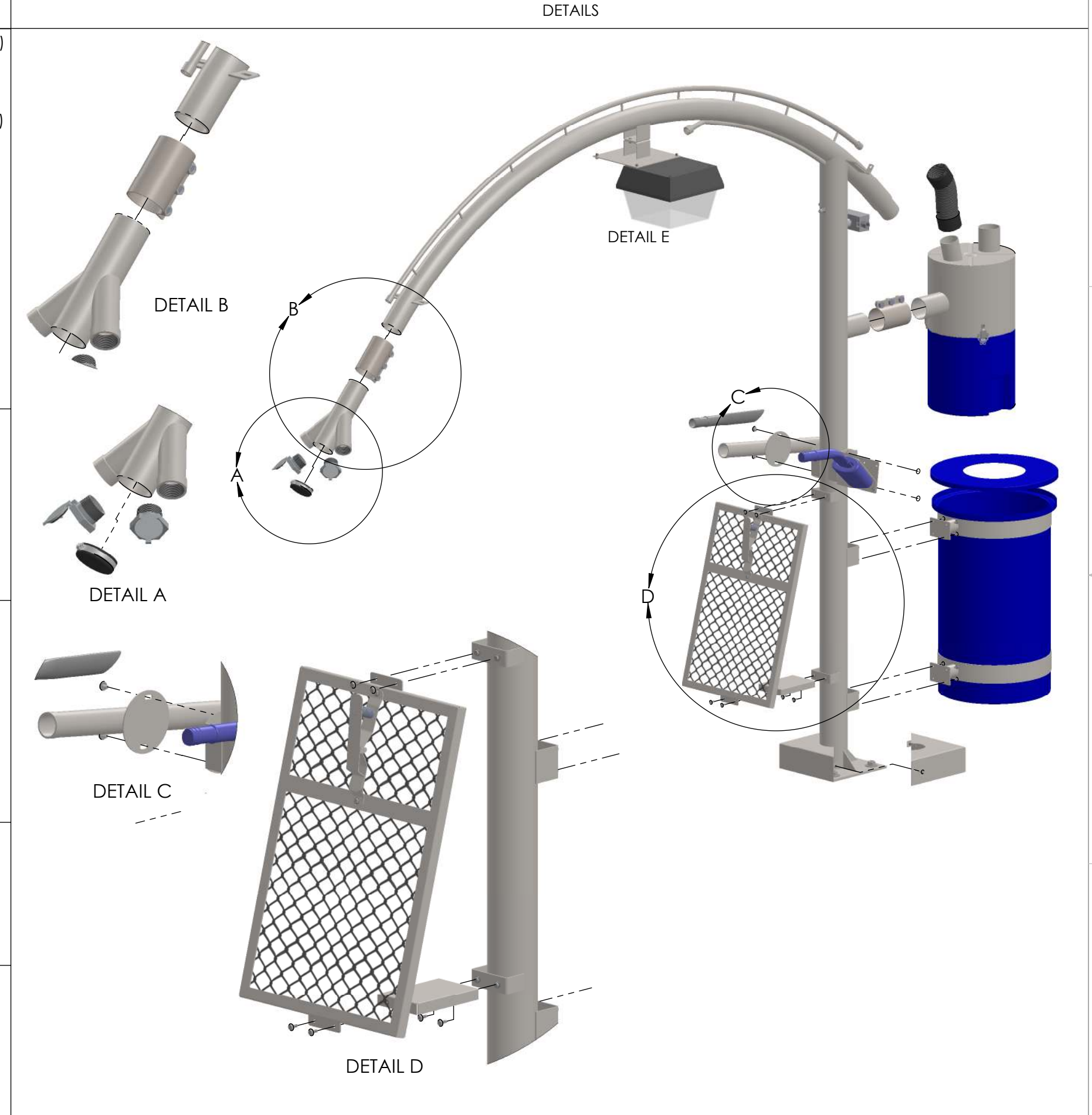
C790-0920 (1 PER ARCH)
 C790-0920-2 (1PER ARCH)
 C791-9003 (1 PER ARCH)

DETAIL E

- REMOVE LENS COVER FROM LIGHT FIXTURE
- ATTACH LIGHT FIXTURE TO MOUNTING BRACKET
- ATTACH MOUNTING BRACKET/FIXTURE ASSEMBLY TO ARCH BRACKET
- INSTALL LIGHT BULB
- REPLACE LENS COVER

C706-3010 (1)
 C706-3011 (1)
 C706-3019 (1)

B SIZE FILE NAME: C010-0002 REV D



INSTRUCTIONS

PART NUMBERS (QTY.)

DETAILS

DETAIL A

- PRE-ASSEMBLY TOOL HOLSTER AND BRACKETS, THEN SECURE TO ARCH
- SET ANGLE OF TOOL HOLDER VERTICAL OR TIPPED BACKWARDS

C821-1519 (1 PER TOOL HOLDER)
 C821-1518-1 (1 PER TOOL HOLDER)
 C821-1602-2 (1 PER TOOL HOLDER)
 C791-9016 (1 PER TOOL HOLDER)

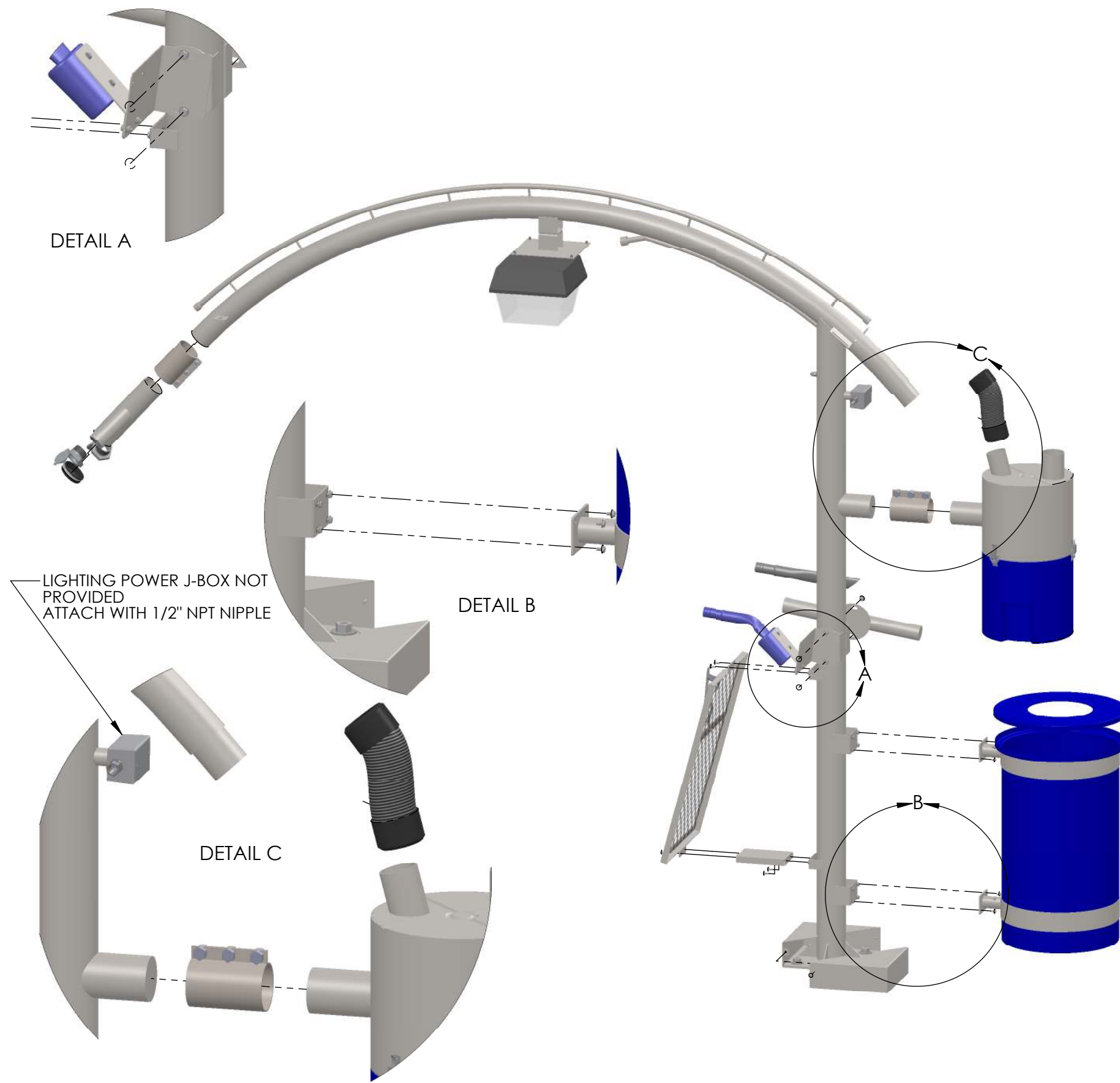
DETAIL B
 SECURE BOTH TRASH CAN HOLDERS TO POST

C700-0012 (2)
 C791-9004 (1)

DETAIL C

- INSTALL VACUUM HOSE ONTO SEPARATOR
- SLIDE COMPRESSION COUPLING ONTO POST
- LIFT SEPARATOR TO POST AND CONNECT VACUUM HOSE TO ARCH
- SWING SEPARATOR DOWN, INSERTING PIPE STUB INTO COUPLING
- TIGHTEN AND TORQUE TO 65 FT LBS

C706-3003 (1 PER ARCH)
 C706-3004 (1 PER ARCH)
 C579-0007 (1 PER ARCH)



INSTRUCTIONS

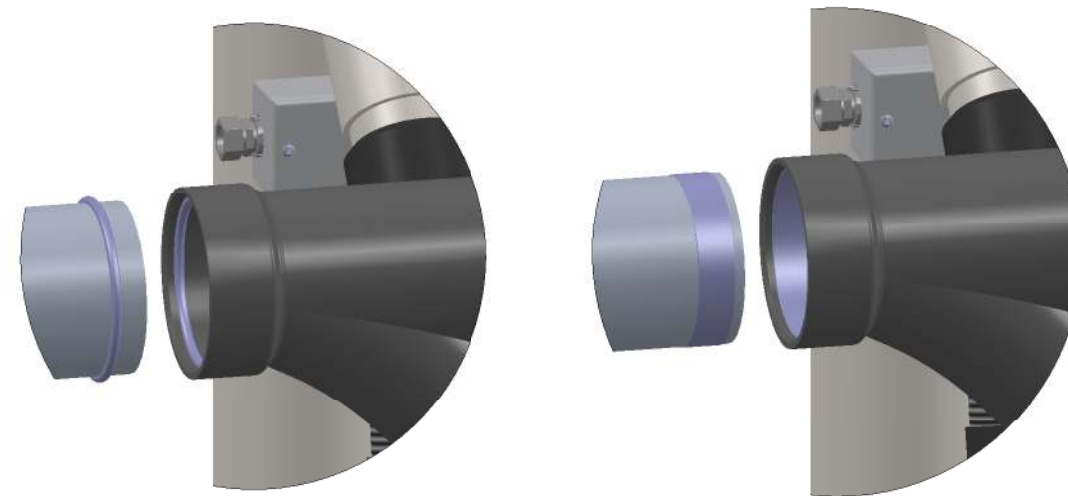
PART NUMBERS (QTY.)

DETAILS

DETAIL A
 ASSEMBLE ABS TO ALUMINUM AS FOLLOWS:
 • CLEAN MATING SURFACES WITH A NON-RESIDUE DEGREASER (E.G. ALCOHOL)
 • APPLY A 1/4" BEAD OF SILICONE (PROVIDED) TO THE INNER SURFACE OF THE FITTING AND THE OUTER SURFACE OF THE PIPE

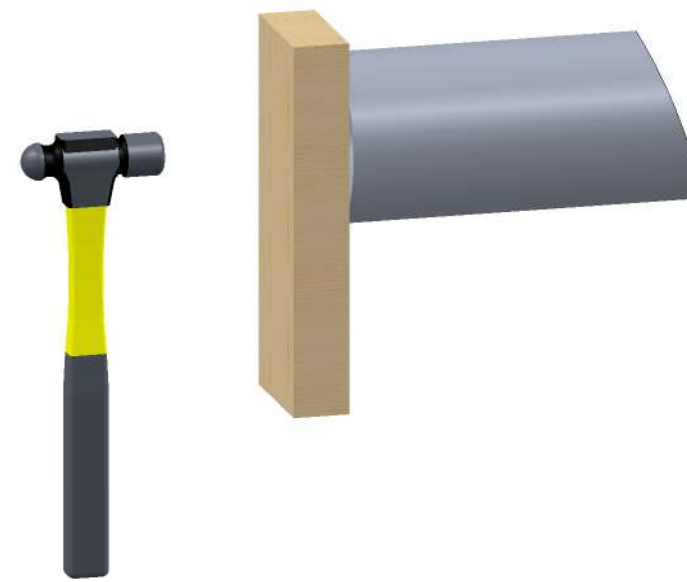
DETAIL B
 • SMEAR THE SILICONE EVENLY OVER THE SURFACE, TO FORM A THIN LAYER

DETAIL C
 • SLIDE THE TWO PARTS TOGETHER, ALLOWING 30 MINUTES FOR TACK FREE AND 24 HOURS FOR FULL CURE
 • IT MAY BE NECESSARY TO USE A HAMMER TO GET THE PARTS TOGETHER. PROTECT PARTS BY HAMMERING AGAINST A BOARD

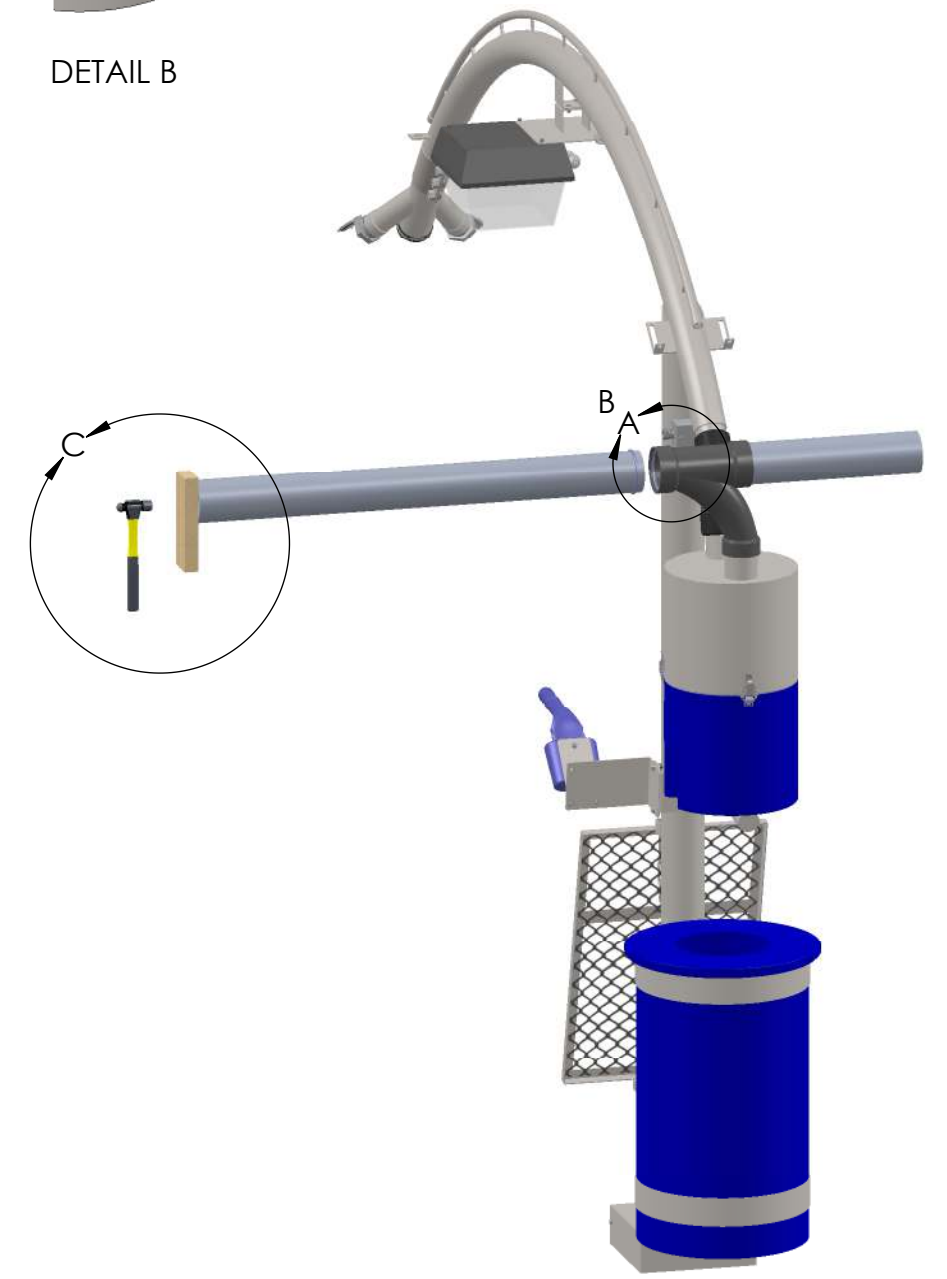


DETAIL A

DETAIL B



DETAIL C



D

D

C

C

B

B

A

A

INSTRUCTIONS

PART NUMBERS (QTY.)

DETAILS

DETAIL A
SUGGESTED HOOKUP FOR A SINGLE VACUUM PRODUCER AND FILTER/SEPARATOR

C593-0001 (1)

DETAIL B
 • SUGGESTED HOOKUP FOR DUAL VACUUM PRODUCERS, FILTER/SEPARATOR AND PRIMARY SEPARATOR
 • NOTE ORIENTATION OF CHECK VALVES

C593-0004 (1)

DETAIL C
SUGGESTED LIGHT CONDUIT AND AIR LINE INSTALLATION

PARTS NOT PROVIDED

