

*D' Shannon Products, LTD*

# INSTALLATION MANUAL

## DSP-IM95-4, Rev. E

STC No. SA09220SC

WITH IO-550C OR IO-520C OR CB

### OPTION A

ENGINE BAFFLES BARON 58/55 WITH A/C,  
WITH NACA COOLING SCOOPS,  
TOP SCOOPS, AND LOUVERS.

### OPTION B

ENGINE BAFFLES BARON 58/55 WITH A/C

### OPTION C ✓

ENGINE BAFFLES BARON 55 WITHOUT A/C

INSTALLATION DRAWINGS  
AND  
INSTRUCTIONS FOR  
BEECH BARON 95-C55, D55, E55, 58 AND 58A.

*D' SHANNON PRODUCTS, LTD*  
800-291-7616, INT'L 763-559-5998

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		COVER PAGE	
<u>TOLERANCES</u> .X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<i>D' SHANNON PRODUCTS, LTD</i>	
DWG. No. DSP-IM95-4-1C		REVISION	NC
SCALE: NONE	DATE 10/31/10	SH	1 OF 1

# NUMERICAL DRAWING LIST CONTROL OPTION "C"

## REVISION RECORD

<b>LTR.</b>	<b>CHANGES</b>	<b>BY</b>	<b>DATE</b>
NC	RELEASED	D. B.	10/31/10

DWG. No.	DATED	REV.	No. SHTS	EFF. EO	EO	EO	EO	DESCRIPTION
DSP-IM95-4-1C	10/31/10	NC	1					COVER PAGE
DSP-IM95-4-2C	10/31/10	NC	1					NUMERICAL DWG LIST "OPTION C"
DSP-IM95-4-3	03/08/10	NC	1					GENERAL NOTES
DSP-IM95-4-5C	10/31/10	NC	3					INSTALLATION BILL OF MATERIALS "OPTION C"
DSP-IM95-1-4	03/08/10	A	2					REMOVAL OF THE PROPELLER AND INTAKE PIPES
DSP-IM95-1-5	03/08/10	A	1					REMOVAL OF THE ALTERNATOR AND PROP. GOVERNOR
DSP-IM95-4-6	03/08/10	NC	4					INSTALLATION, BAFFLE INNER CYLINDER
DSP-IM95-4-7A	03/08/10	NC	1					INSTALLATION FRONT CYLINDER BAFFLE ASSY.
DSP-IM95-4-8C	10/31/10	NC	1					REINSTALLATION PROP. GOVERNOR WITH BRACKET
DSP-IM95-4-9C	10/31/10	NC	4					INSTALLATION BAFFLE FRONT
DSP-IM95-4-10C	10/31/10	NC	7					INSTALLATION ALTERNATOR BAFFLE
DSP-IM95-4-11C	10/31/10	NC	2					INSTALLATION BAFFLE NOSE
DSP-IM95-4-12C	10/31/10	NC	2					REINSTALLATION ALTERNATOR
DSP-IM95-4-13C	10/31/10	NC	4					INSTALLATION GASKET FRONT
DSP-IM95-1-16	12/02/09	A	1					INSTALLATION OF REAR #2 BAFFLE TAB
DSP-IM95-1-17	03/08/10	A	1					REINSTALL INTAKE PIPE LEFT SIDE
DSP-IM95-4-14A	03/08/10	NC	3					INSTALLATION OF REAR #2 BAFFLE
DSP-IM95-4-16	03/08/10	NC	2					INSTALLATION BAFFLE REAR LEFT
DSP-IM95-4-17	03/08/10	NC	5					INSTALLATION BAFFLE REAR RIGHT
DSP-IM95-4-18C	10/31/10	NC	1					INSTALLATION GASKET BAFFLE REAR CENTER
DSP-IM95-4-19C	10/31/10	NC	5					INSTALLATION OF SIDE BAFFLES
DSP-IM95-4-20	03/08/10	NC	3					INSTALLATION OF BAFFLE COWLING PLATES
DSP-IM95-1-27	03/08/10	A	1					INSTALLATION OF PROPELLER

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.	NUMERICAL DWG LIST "OPTION C"
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXXX_.001 ANGLES ±5% UNLESS STATED	<b>D' SHANNON PRODUCTS, LTD</b>
DWG. No. DSP-IM95-4-2C	REVISION NC
SCALE: NONE	DATE 10/31/10 SH 1 OF 1

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	REVISED FOR SPELLING AND CLARITY & RELEASED	D. B.	03/08/10

**GENERAL NOTES: COOLING SYSTEM (BAFFLES)**

1. TORQUE ROCKER BOX COVER SCREWS BETWEEN 45 TO 55 IN/LB PER TCM SPECS. AFTERMARKET ROCKER BOX COVER GASKET INSTALLATIONS MAY REQUIRE SPECIAL TORQUE SPECS.
2. THROUGH EXPERIENCE, SUBSTANTIAL IMPROVEMENTS IN THE COOLING EFFICIENCY TO THE PORT CYLINDERS HAS BEEN NOTED BY SIMPLY ROTATING THE MAGNETOS UPWARDS AS FAR AS POSSIBLE WITHOUT INTERFERING WITH THE NACELLE; AND ROUTING THE LEFT IGNITION HARNESS AS HIGH AS POSSIBLE SO AS NOT TO IMPEDE AIRFLOW TO 1, 2, 3 AND 4 CYLINDERS OR TO THE OIL COOLER. RETIME THE MAGNETOS IF THEY ARE ROTATED. MAINTAIN A MINIMUM OF 1/4" CLEARANCE BETWEEN THE MAGNETO AND THE NACELLE.
3. LOUVER SIDE PANELS AND NACELLE SCOOPS (SEE DSP-IM95-4, OPTION A) ARE AN OPTIONAL PART OF THIS INSTALLATION.
4. PRIOR TO COWLING INSTALLATION MAINTAIN A 1/8" CLEARANCE BETWEEN THE SEAL AND THE COWLING PLATES INSTALLED BY THIS KIT.
5. TEFLON TAPE MAY BE INSTALLED TO THE ADJACENT WEARING SURFACE TO MINIMIZE SEAL WEAR.

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.	GENERAL NOTES
<b>TOLERANCES</b> .X_.10 .XXX_.01 .XX_.03 .XXXX_.001 ANGLES ±5% UNLESS STATED	<b>D' SHANNON PRODUCTS, LTD</b> DWG. No. DSP-IM95-4-3 REVISION NC SCALE: NONE DATE 03/08/10 SH 1 OF 1

47	DSP-IM95-4-13C	74	AD46H	POP RIVET
46	DSP-IM95-4-20	36	AD44H	POP RIVET
45				
44	DSP-IM95-4-16	18	AN3-5A	BOLT UNDRILLED # 10-32
43	DSP-IM95-4-6/16/17	30	MS21042-3	REDUCED DIMENSION LOCKNUT
42	DSP-IM95-4-17/18C/19C	64	MS21042-06	REDUCED DIMENSION LOCKNUT
41	DSP-IM95-4-6/16/17	56	AN960-10	FLAT WASHER
40	DSP-IM95-4-14A/17/18C/19C	68	AN960C6	FLAT WASHER
39	DSP-IM95-4-16/17	8	AN3-3A	BOLT UNDRILLED #10-32
38	DSP-IM95-4-13C/17/18C	14	AN526C632R8	TRUSS HEAD MACHINE SCREW
37	DSP-IM95-4-9C/10C/11C	32	AN526C632R6	TRUSS HEAD MACHINE SCREW
36	DSP-IM95-1-16	2	AN936A-616	INTERNAL TOOTH LOCKWASHER
35	DSP-IM95-1-16	2	AN960-616	FLAT WASHER
34	DSP-IM95-1-16	2	AN76A-06 OR MS20074-06-06	DRILLED HEAD BOLTS
33	DSP-IM95-1-16	2	244005Z	#2 CYLINDER/OIL COOLER CASE BRACKET ASSEMBLY
32	DSP-IM95-4-20	2	BCP-001	COWLING PLATE MAIN
31	DSP-IM95-4-6	2	244020Z-1	INNER CYLINDER BOTTOM LARGE SLOT BAFFLE ASSEMBLY
30				
29	DSP-IM95-4-6	6	244018Z	INNER CYLINDER BOTTOM BAFFLE ASSEMBLY
28	DSP-IM95-4-6	8	244093	ROD CONNECTOR CYLINDER INNER
27	DSP-IM95-4-6	8	244052	SUPPORT ENGINE BAFFLE
26	DSP-IM95-4-19C	2	BS-A02	BAFFLE SIDE LEFT ASSEMBLY
25				
24	DSP-IM95-4-19C	8	244047	BRACKET BAFFLE SIDE
23	DSP-IM95-4-19C	8	244045	BRACKET BAFFLE SIDE
22	DSP-IM95-4-10C	AR	MS21266-1N	GROMMET PLASTIC ENDING
21	DSP-IM95-4-17	2	BBR-010	STIFFENER BAFFLE REAR RIGHT
20	DSP-IM95-4-17	2	BBR-005-1	STARTER STUD BRACKET
19				
18				
17	DSP-IM95-4-17	2	244011Z	#1 CYLINDER LOWER FORWARD BAFFLE ASSEMBLY
16				
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
ITEM	LOCATION OF ITEMS	QTY.	PART NUMBER	DESCRIPTION

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	MINDR CHANGES TO TITLES AND DWG NO. IN BOM	D. B.	10/31/10

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.	INSTL BILL OF MATERIALS "OPTION C"
TOLERANCES X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED	D' SHANNON PRODUCTS, LTD
DWG. No. DSP-IM95-4-5C	REVISION NC
SCALE: NONE	DATE 10/31/10 SH 1 OF 3

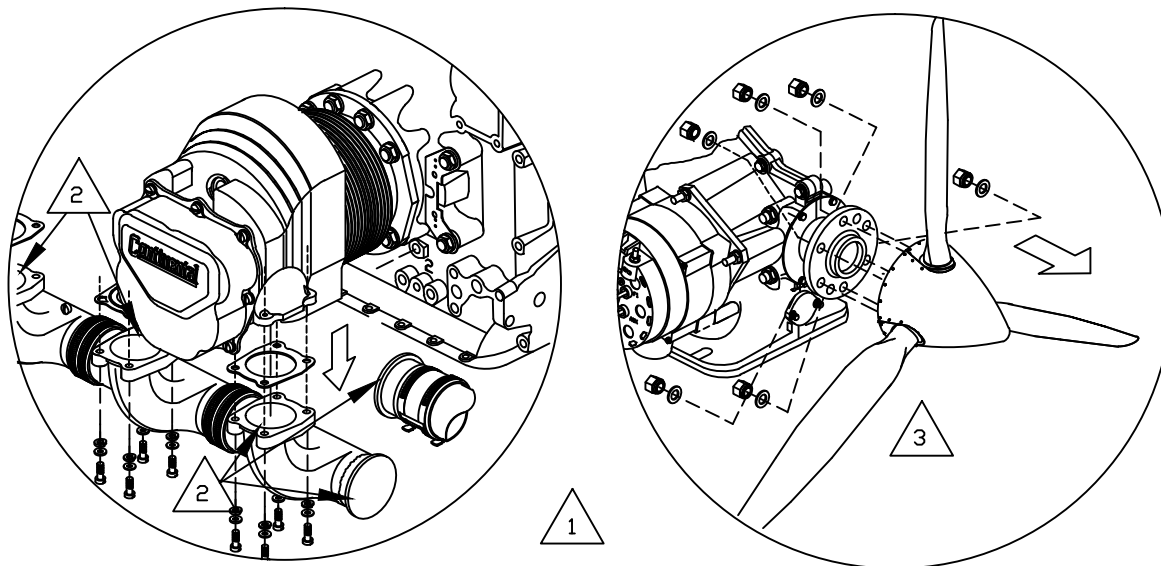
90	DSP-IM95-4-11C	2	BNF-A01-A	BAFFLE NOSE FRONT BARDN ASSEMBLY
89	DSP-IM95-4-10C/14A/17/19C	90	MS35206-227	PAN HEAD MACHINE SCREW
88	DSP-IM95-4-8C	8	AN960-516L	FLAT WASHER
87	DSP-IM95-4-20	2	BCP-003	CDWLING PLATE RIGHT
86	DSP-IM95-4-17	2	BBR-A02	BAFFLE REAR RIGHT ASSEMBLY
85	DSP-IM95-4-14A	2	BDC-A02	#2 CYLINDER VERTICAL HEAD BAFFLE ASSEMBLY
84	DSP-IM95-4-14A	2	BDC-A01-1	#2 CYLINDER LOWER AFT BAFFLE ASSEMBLY
83	DSP-IM95-4-16	2	BBR-A01-1	BAFFLE REAR LEFT ASSEMBLY
82	DSP-IM95-4-20	2	BCP-002	CDWLING PLATE LEFT
81				
80				
79				
78				
77	DSP-IM95-4-6	8	NAS679A3	LDW HEIGHT HEX. LOCKNUT
76				
75				
74				
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52				
51	DSP-IM95-4-6/12C/13C/19C/20	AR	G. E. SILICONE II	SILICONE
50	DSP-IM95-4-20	AR	CS3204 B2	SEALANT (OR EQUIV.)
49				
48	DSP-IM95-4-19C	8	AN931-4-7	ELASTIC GROMMET
ITEM	LOCATION OF ITEMS	QTY.	PART NUMBER	DESCRIPTION

NEXT ASSY:		INSTL BILL OF MATERIALS "OPTION C"
DRAWN BY: D. B.		
ENGINEER: D. BRAUN		D' SHANNON PRODUCTS, LTD
CHECKED BY: D. B.		
TOLERANCES		DWG. No. DSP-IM95-4-5C REVISION NC
X_.10 .XXX_.01		
XX_.03 .XXX_.001		SCALE: NONE DATE 10/31/10 SH 2 OF 3
ANGLES ±5%		
UNLESS STATED		

134	DSP-IM95-4-16	2	AN507632-R6	FLAT HEAD MACHINE SCREW
133				
132				
131				
130				
129				
128				
127				
126				
125				
124				
123	DSP-IM95-4-18C	2	BRG-006-2	GASKET BAFFLE REAR CENTER
122				
121				
120				
119				
118				
117				
116				
115				
114	DSP-IM95-4-7A	2	BBF-A05-A	BAFFLE FRONT ASSEMBLY
113				
112	DSP-IM95-4-19C	2	BS-A01-A	BAFFLE SIDE RIGHT ASSEMBLY
111	DSP-IM95-4-13C	2	BFR-08-A	RETAINER STRIP
110	DSP-IM95-4-13C	2	BFR-07-A	RETAINER STRIP
109	DSP-IM95-4-13C	2	BFR-06-A	RETAINER STRIP
108	DSP-IM95-4-13C	2	BFR-05-A	RETAINER STRIP
107	DSP-IM95-4-13C	2	BNR-01-A	RETAINER STRIP
106	DSP-IM95-4-13C	2	BAB-011	RETAINER STRIP
105	DSP-IM95-4-13C	2	BAB-013	RETAINER STRIP
104	DSP-IM95-4-13C	2	BAB-012	RETAINER STRIP
103	DSP-IM95-4-13C	2	BFG-03	GASKET FRONT BAFFLE
102	DSP-IM95-4-13C	2	BFG-02	GASKET FRONT BAFFLE
101	DSP-IM95-4-13C	2	BNG-01-A	BAFFLE NOSE GASKET
100	DSP-IM95-4-13C	2	BAG-010	GASKET ALTERNATOR BOX BARON
99	DSP-IM95-4-10C	2	BAB-A02-A	BAFFLE ALTERNATOR BOX BARON ASSEMBLY
98	DSP-IM95-4-10C	2	BAB-A03-A	BAFFLE ALTERNATOR BOX BARON ASSEMBLY
97	DSP-IM95-4-10C	2	BAB-A01-A	BAFFLE ALTERNATOR BOX BARON ASSEMBLY
96	DSP-IM95-4-10C	2	BAB-A04-A	ALTERNATOR BAFFLE RETAINER ASSEMBLY
95	DSP-IM95-4-9C	2	BBF-A03-A	BRACKET ASSEMBLY
94	DSP-IM95-4-9C	2	BBF-009-A	BAFFLE FRONT
93	DSP-IM95-4-9C	2	BBF-A01-A	BAFFLE FRONT ASSEMBLY
92	DSP-IM95-4-9C	2	BBF-A02-A	BRACKET ASSEMBLY
91	DSP-IM95-4-8C	2	BBF-A04-A	BRACKET ASSEMBLY
ITEM	LOCATION OF ITEMS	QTY.	PART NUMBER	D E S C R I P T I O N

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.	INSTL BILL OF MATERIALS "OPTION C"
TOLERANCES X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED	D' SHANNON PRODUCTS, LTD DWG. No. DSP-IM95-4-5C REVISION NC SCALE: NONE DATE 10/31/10 SH 3 OF 3

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	K. S.	04/24/09
A	MOVED NOTES. REMOVED SH 3	D. B.	03/08/10



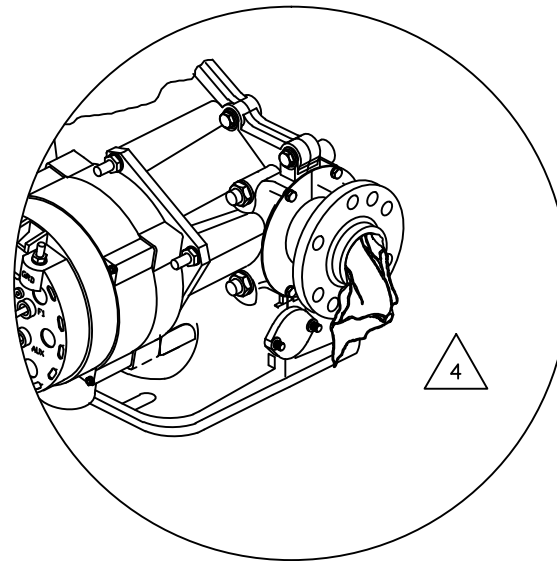
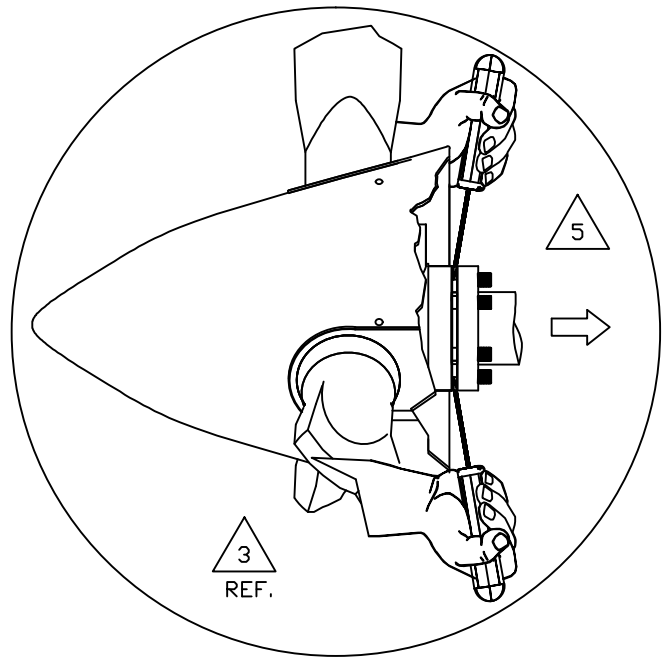
3 REMOVE THE PROPELLER FOR EASIER INSTALLATION OF THE BAFFLES IN THE FRONT OF THE ENGINE.

2 FOR A COMPLETE BAFFLE INSTALLATION REMOVE THE INTAKE PIPES ON BOTH SIDES AS A UNIT (ALL THREE CYLINDER'S WORTH ONLY NOT THE CROSS OVER PIPE IN FRONT OF THE ENGINE NOR THE BOTTOM "Y" TUBE) BE SURE TO COVER ALL ENDS OF EACH INTAKE PIPE REMOVED FROM THE ENGINE AND THE CROSS OVER PIPE AND THE "Y" PIPE.

1 WE RECOMMEND THE COMPLETE BAFFLE KIT INSTALLATION, HOWEVER IF THIS INSTALLATION IS TO BE INSTALLED ON AN ENGINE WHICH ALREADY HAS BEECH BAFFLES INSTALLED YOU MAY DELETE THE INSTALLATION OF THE FOUR INNER CYLINDERS BAFFLES. THE BAFFLES DO HOWEVER HAVE TO BE INSTALLED CORRECTLY AND IT WILL BE UP TO THE INSTALLER TO CHECK AND CORRECT ANY EXISTING BAFFLING THAT MAY NOT BE INSTALLED CORRECTLY.

NOTES:

ITEM	QTY	PART No.	MATERIAL
NEXT ASSY:		REMOVAL OF PROP. AND INTAKE PIPES	
DRAWN BY: K. R. S.			
ENGINEER: D. BRAUN			
CHECKED BY: D. B.			
TOLERANCES		D' SHANNON PRODUCTS, LTD	
.X_.10 .XXX_.01			
.XX_.03 .XXXX_.001		DWG. No. DSP-IM95-1-4 REVISION A	
ANGLES ±5%		SCALE: NONE DATE 04/24/09 SH 1 OF 2	
UNLESS STATED			



5 TO REMOVE THE PROPELLER, PULL PROPELLER TO ONE SIDE INSERT ANOTHER SCREWDRIVER BEHIND THE PROPELLER AND PULL THE OTHER SIDE. INSERT ANOTHER SCREWDRIVER. WITH SLOW MOVEMENTS BACK AND FORTH REMOVE PROPELLER IN SMALL INCREMENTS.

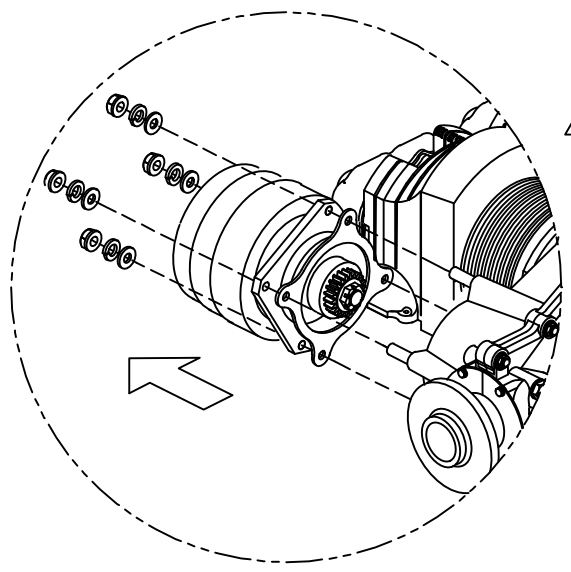
4 WHEN THE PROPELLER HAS BEEN REMOVED CAP THE END OF THE PROPELLER SHAFT. REMOVE THE STAPLES AROUND THE BAFFLE BELOW THE PROPELLER SHAFT AND THE BAFFLE THAT COVERS THE PROP GOVERNOR. REMOVE THE RUBBER IN ITS ENTIRETY. CLEAN OFF ANY RESIDUE AND ANY MATERIAL THAT COULD GET INTO AN OPEN ENGINE.

3 REMOVE THE PROPELLER FOR EASIER INSTALLATION OF THE BAFFLES IN THE FRONT OF THE ENGINE.

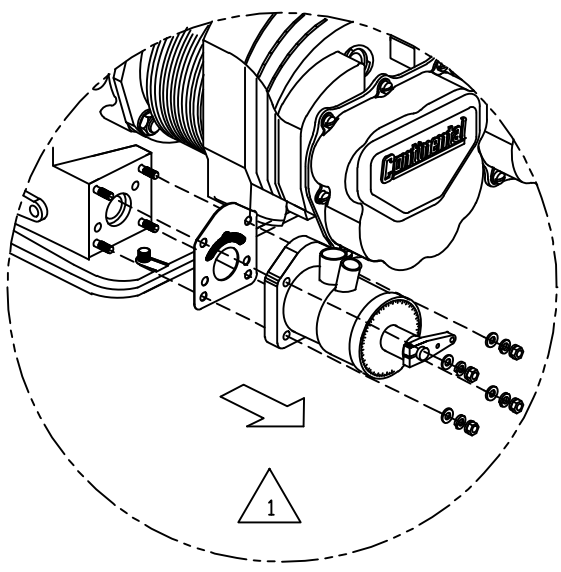
NOTES:

NEXT ASSY: DRAWN BY: K. R. S. ENGINEER: D. BRAUN CHECKED BY: D. B.		REMOVAL OF PROP. AND INTAKE PIPES	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
DWG. No. DSP-IM95-1-4		REVISION A	
SCALE: NONE		DATE 04/24/09 SH 2 OF 2	

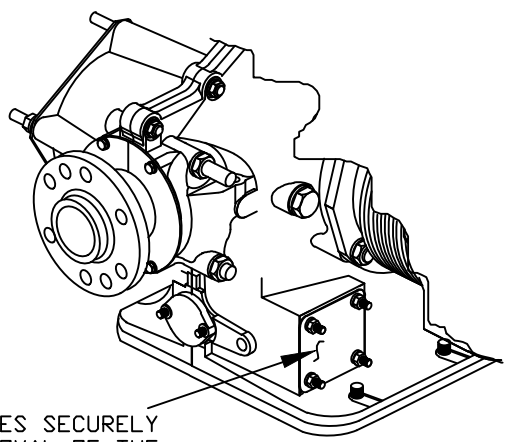
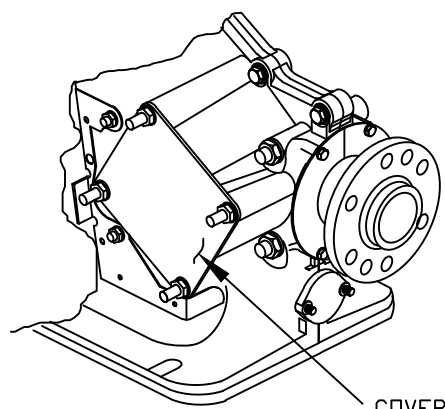




2



1



COVER HOLES SECURELY AFTER REMOVAL OF THE GOVERNOR AND ALTERNATOR

2 DOES NOT SHOW OLD BAFFLES

1 REMOVE ALL OLD BAFFLING FROM THE ENGINE (IF APPLICABLE). TAKE THE UTMOST CARE IN THE FOLLOWING TO PREVENT DAMAGING ENGINE GASKETS:  
 (A) REMOVE THE ALTERNATOR AND THE PROP GOVERNOR.  
 (B) COVER OPENINGS SECURELY.  
 (C) TO REMOVE OLD BAFFLES AND INSTALL NEW ONES, ON THE FIFTH AND SIXTH CYLINDER IT WILL BE NECESSARY TO REMOVE SOME VALVE COVER SCREWS IF REMOVING OLD BAFFLING.

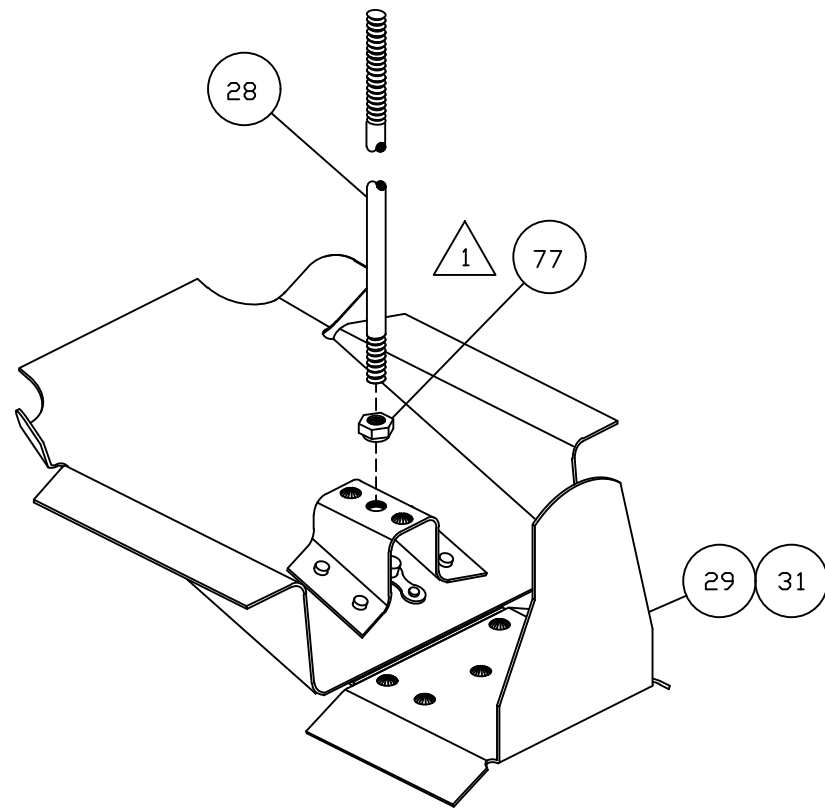
NOTES:

REVISION RECORD

LTR.	CHANGES	BY	DATE
NC	RELEASED	K. S.	04/24/09
A	MOVED NOTES. REMOVED SH 2	D. B.	03/08/10

ITEM	QTY	PART No.	MATERIAL
NEXT ASSY: DRAWN BY: K. R. S. ENGINEER: D. BRAUN CHECKED BY: D. B.			REMOVAL OF ALT. AND PROP. GOVERNOR
TOLERANCES .X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED			D' SHANNON PRODUCTS, LTD DWG. No. DSP-IM95-1-5 REVISION A SCALE: NONE DATE 04/24/09 SH 1 OF 1

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED. MOVED NOTES. REMOVED SH 5 & 6	D. B.	03/08/10



△ 1 SCREW ITEM (77) TO THE END OF ITEMS (28) AND HAND TIGHTEN. PROCEED TO SCREW ITEMS (28) TO ITEM (29) OR (31) AS SHOWN.

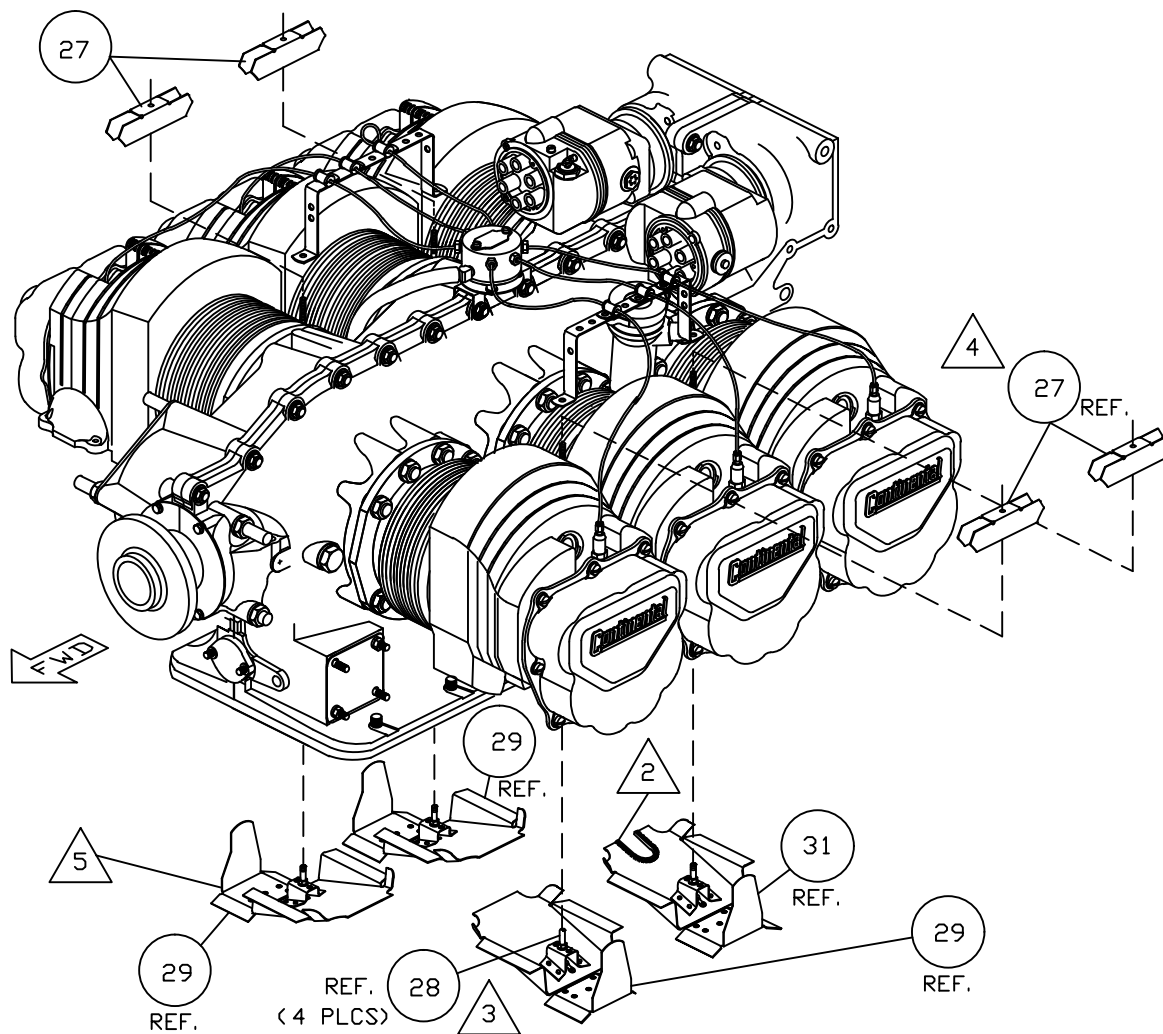
1. - CYLINDERS VIEWED UPSIDE DOWN

NOTES:

77	4	NAS679A3	LOW HEIGHT HEX LOCKNUT
51	A. R.	G.E. SILICONE II	SILICONE
43	4	MS21042-3	REDUCED DIMENSION LOCKNUT
41	4	AN960-10	FLAT WASHER
31	1	244020Z-1	INNER CYL BOTTOM LG SLOT BAFFLE ASSY
29	3	244018Z	INNER CYL BOTTOM BAFFLE ASSY
28	4	244093	ROD CONNECTOR CYLINDER INNER
27	4	244052	SUPPORT ENGINE BAFFLE

ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY:			INSTL BAFFLE INNER CYLINDER
DRAWN BY: D. B.			
ENGINEER: D. BRAUN			
CHECKED BY: D. B.			

TOLERANCES		<i>D' SHANNON PRODUCTS, LTD</i>	
.X_.10 .XXX_.01			
.XX_.03 .XXX_.001			
ANGLES ±5%			
UNLESS STATED	DWG. No. DSP-IM95-4-6	REVISION NC	
	SCALE: NONE	DATE 03/08/10	SH 1 OF 4



- 5 REFERENCE SH 4 OF 4 FOR INSTALLING INNER CYLINDER BAFFLE CORRECTLY.
- 4 INSTALL SUPPORTS ITEM (27) ONTO THE RODS ITEM (28) (SEE SH. 3 OF 4 AND 4 OF 4 FOR REFERENCE).
- 3 POSITION INNER CYLINDER BAFFLE ITEMS (29) AND (31) BETWEEN CYLINDERS WITH RODS ITEMS (28) ALREADY SCREWED INTO NUT PLATE.
- 2 MAKE SURE THAT A CATERPILLAR GROMMET IS INSTALLED ON ITEM (31) WHERE THE FUEL LINE PASSES THROUGH THE INNER CYLINDER BAFFLES. GROMMET SHOULD BE GLUED IN FROM THE FACTORY, DO NOT PROCEED IF GROMMET IS MISSING, CALL CUSTOMER SUPPORT.

NOTES:

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTL BAFFLE INNER CYLINDER

TOLERANCES  
X\_.10 .XXX\_.01  
XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

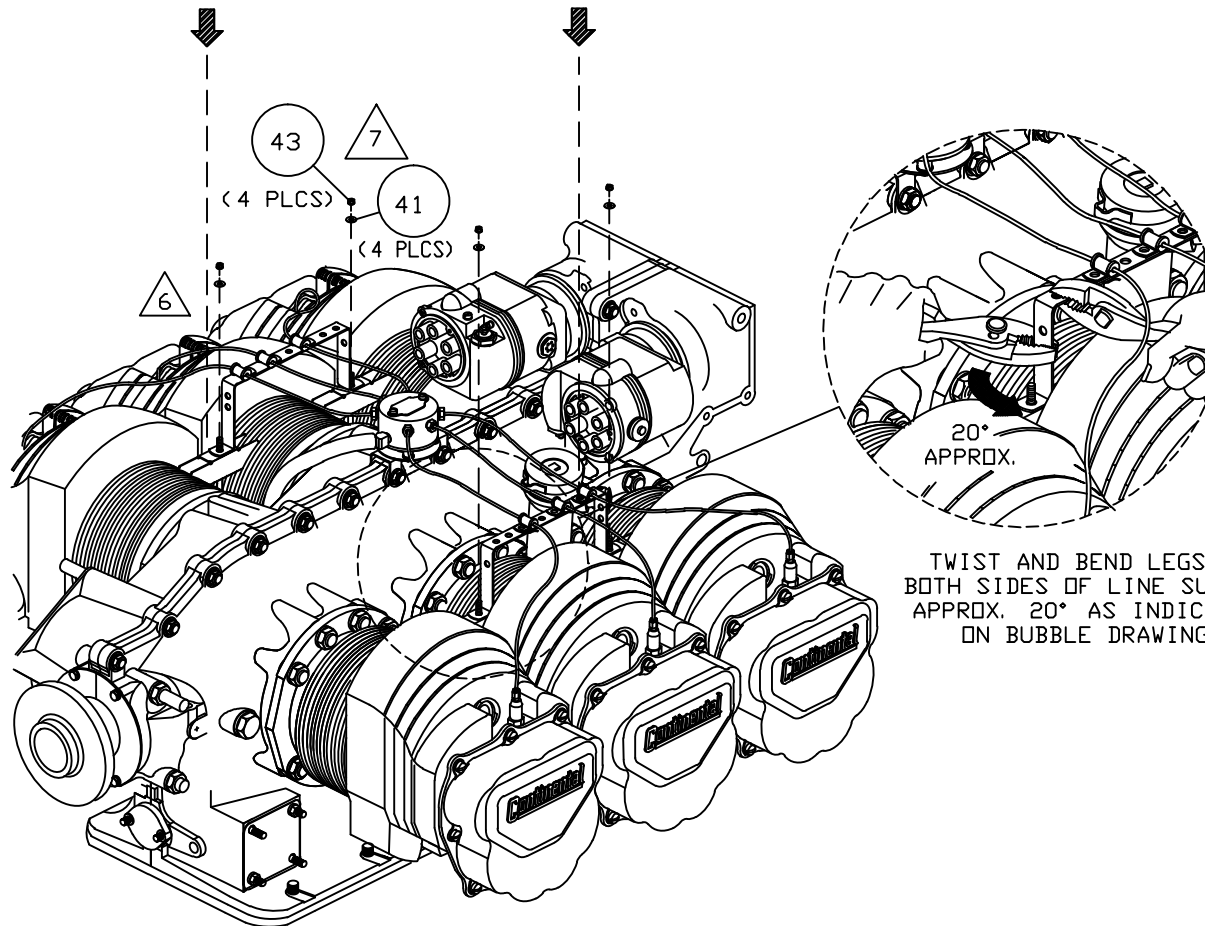
D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-6 REVISION NC

SCALE: NONE DATE 03/08/10 SH 2 OF 4

VIEW "B"  
(TOP VIEW)  
(SEE SH. 4 OF 4)

VIEW "A" (TOP VIEW) (SEE SH 4 OF 4)  
VIEW "C" (BOTTOM VIEW) (SEE SH 4 OF 4)



TWIST AND BEND LEGS ON  
BOTH SIDES OF LINE SUPPORT  
APPROX. 20° AS INDICATED  
ON BUBBLE DRAWING.

7 TIGHTEN LOCKNUT, ITEM 43

6 AFFIX FACTORY INSTALLED LINE SUPPORT ONTO INNER CYLINDER ROD CONNECTOR  
USING ITEM 41 AND 43 AND TIGHTEN, AS SHOWN IN THIS DRAWING. FOR FURTHER

NOTES:

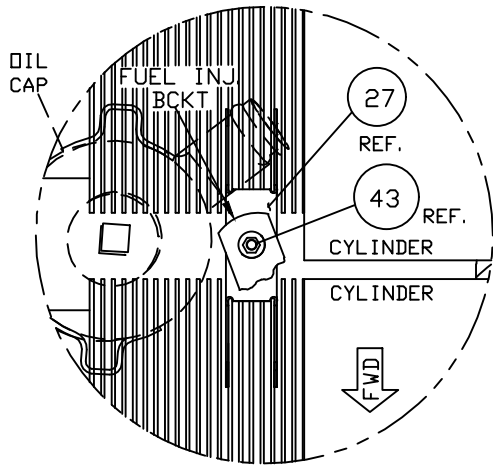
NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTL BAFFLE INNER CYLINDER

TOLERANCES  
.X\_.10 .XXX\_.01  
.XX\_.03 .XXXX\_.001  
ANGLES ±5%  
UNLESS STATED

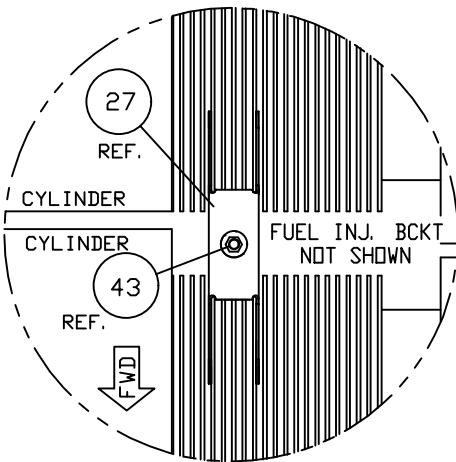
D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-6 REVISION NC  
SCALE: NONE DATE 03/08/10 SH 3 OF 4



VIEW "A"

POSITIONING OF BAFFLE  
CYL. #2 AND #4, CYL. #4 AND #6  
VIEW "A", FROM SHEET 3 OF 4



VIEW "B"

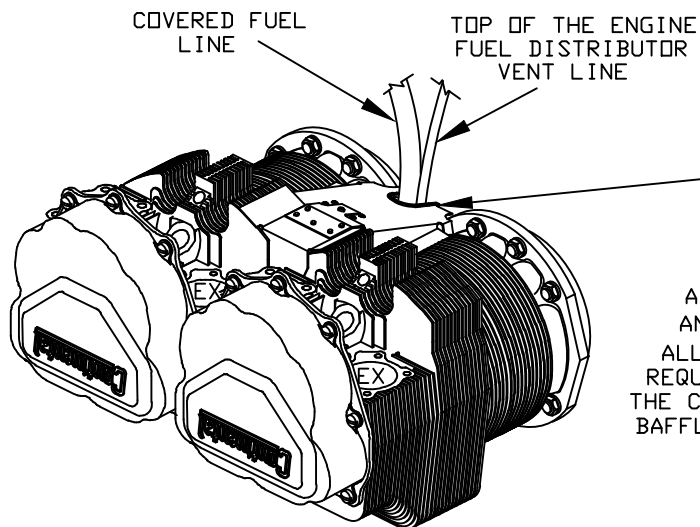
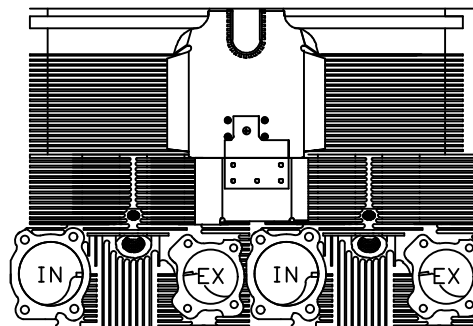
POSITIONING OF BAFFLE  
CYL. #1 AND 3, CYL. #3 AND #5  
VIEW "B", FROM SHEET 3 OF 4

TIGHTEN LOCKNUT, ITEM

NOTES:

VIEW "C"

(TYPICAL INSTALLATION FOR ALL BOTTOM  
INNER CYLINDER BAFFLES)  
VIEW "C" FROM SHEET 3 OF 4



APPLY SILICONE TO  
GAPS BETWEEN ENGINE  
CASE AND AROUND THE  
AREA IN WHICH THE HOSE  
AND VENT LINE INTERCEPT.  
ALL INNER CYLINDER BAFFLES  
REQUIRE THAT ALL GAPS BETWEEN  
THE CASE AND THE INNER CYLINDER  
BAFFLE BE SEALED WITH SILICONE.

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTL BAFFLE INNER CYLINDER

TOLERANCES  
X\_.10 .XXX\_.01  
XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

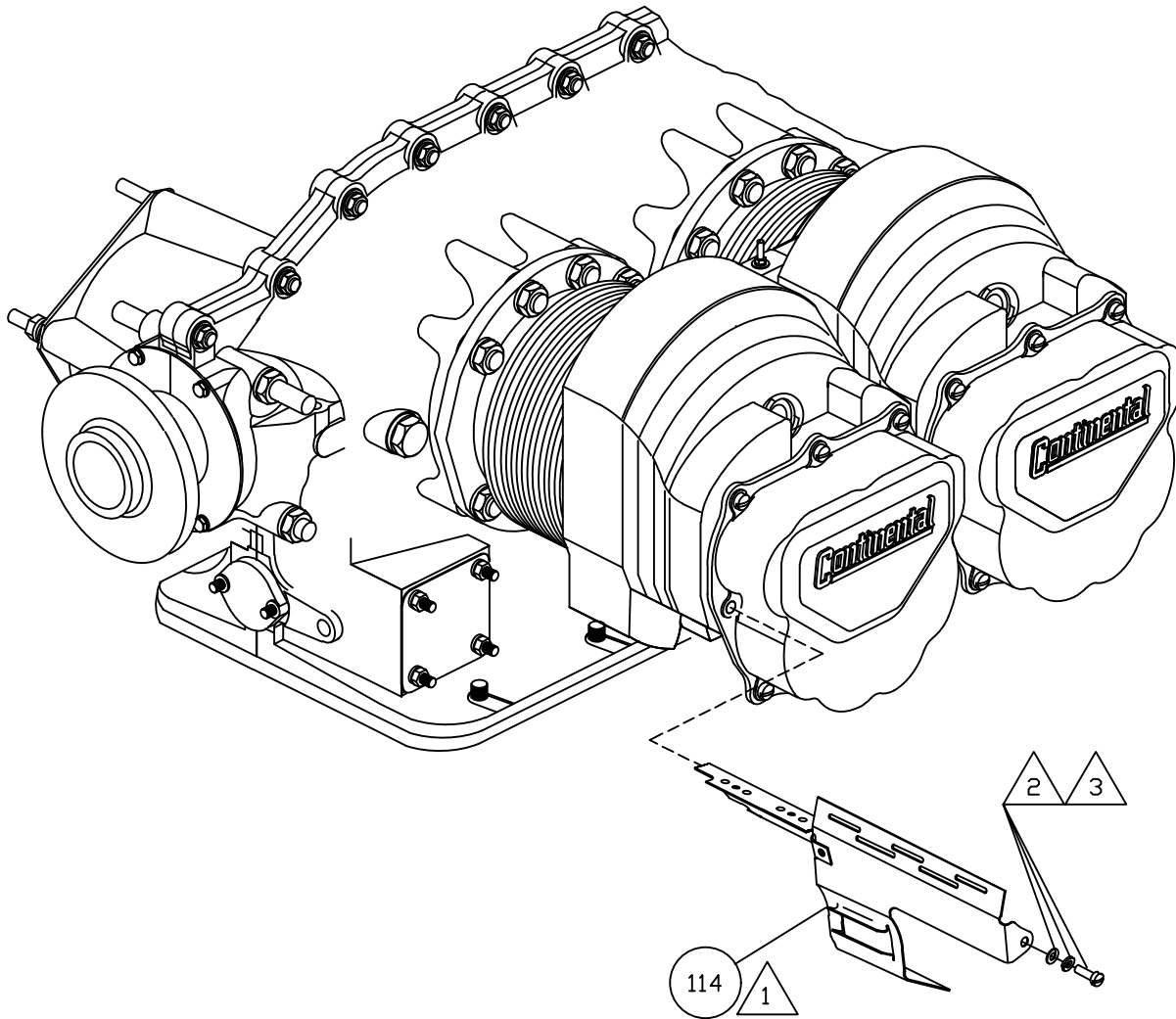
*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-6 REVISION NC

SCALE: NONE DATE 03/08/10 SH 4 OF 4

REVISION RECORD

LTR.	CHANGES	BY	DATE
NC	RELEASED. MOVE NOTES. REMOVE SH 2	D. B.	03/08/10



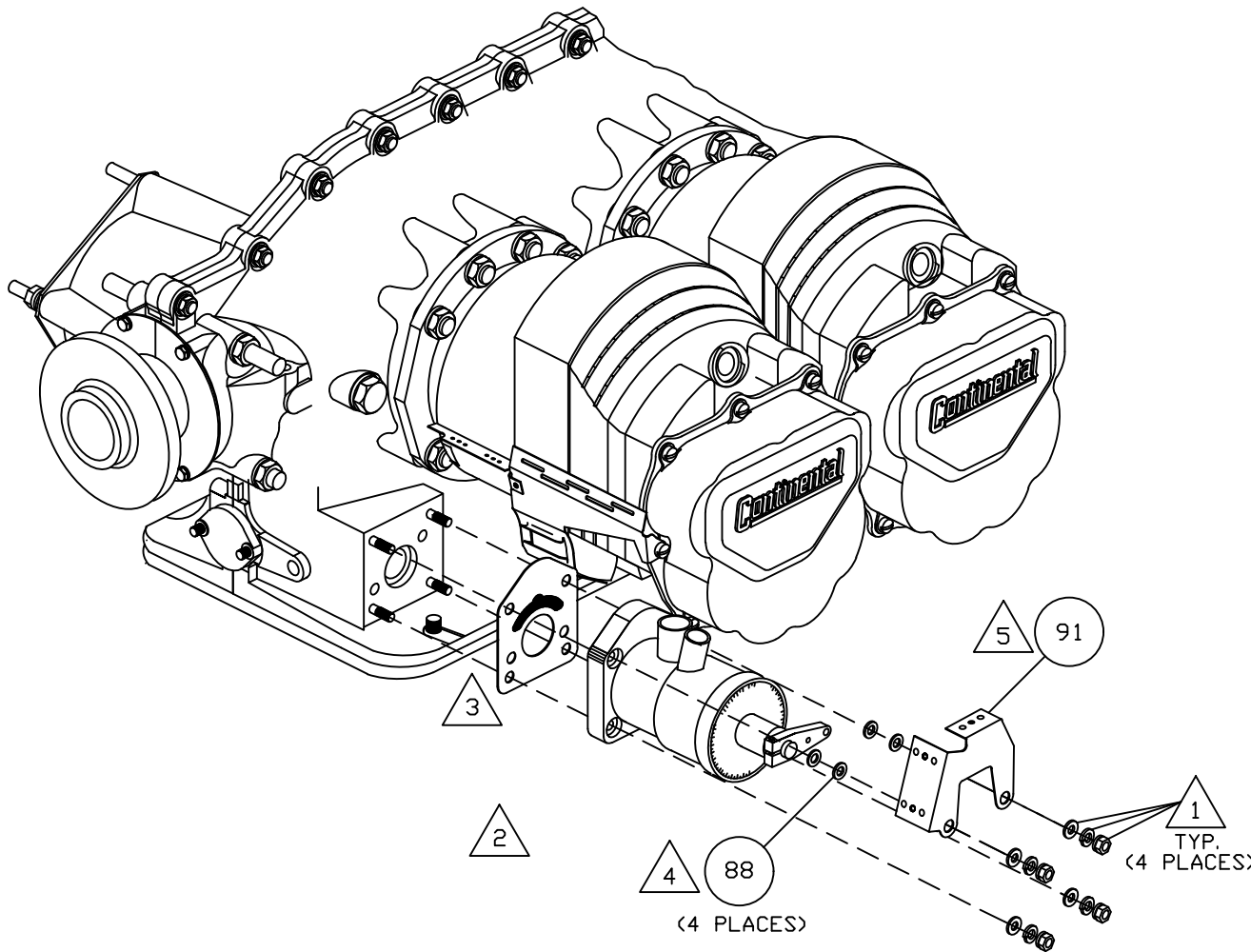
- 3 ROCKER COVER TO BE TORQUED BETWEEN 45 TO 55 IN/LB. (PER TCM SPECS.) AFTER-MARKET ROCKER BOX COVER GASKETS INSTALLATION MAY REQUIRE SPECIAL TORQUE SPECS.
- 2 ORIGINAL HARDWARE
- 1 REMOVE THE ROCKER COVER SCREW NEEDED FOR INSTALLATION, AS SHOWN ON DRAWING. INSTALL ITEM 114 ONTO THE #6 CYLINDER BEHIND THE PROP GOVERNOR IN THE SAME MANNER THAT YOU REMOVED THE OLD ONE SO IT LINES UP TIGHTLY AGAINST THE CYLINDER AND THE CYLINDER BARREL. REINSTALL THE PREVIOUSLY REMOVED ROCKER COVER SCREW

NOTES:

114	1	BBF-A05-A	BAFFLE FRONT ASSEMBLY
ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.			INSTL FRONT CYL BAFFLE ASSY
TOLERANCES .X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED			D' SHANNON PRODUCTS, LTD DWG. No. DSP-IM95-4-7A REVISION NC SCALE: NONE DATE 03/08/10 SH 1 OF 1

REVISION RECORD

LTR.	CHANGES	BY	DATE
NC	RELEASED. MOVED NOTES. REMOVED SH 2.	D. B.	10/31/10

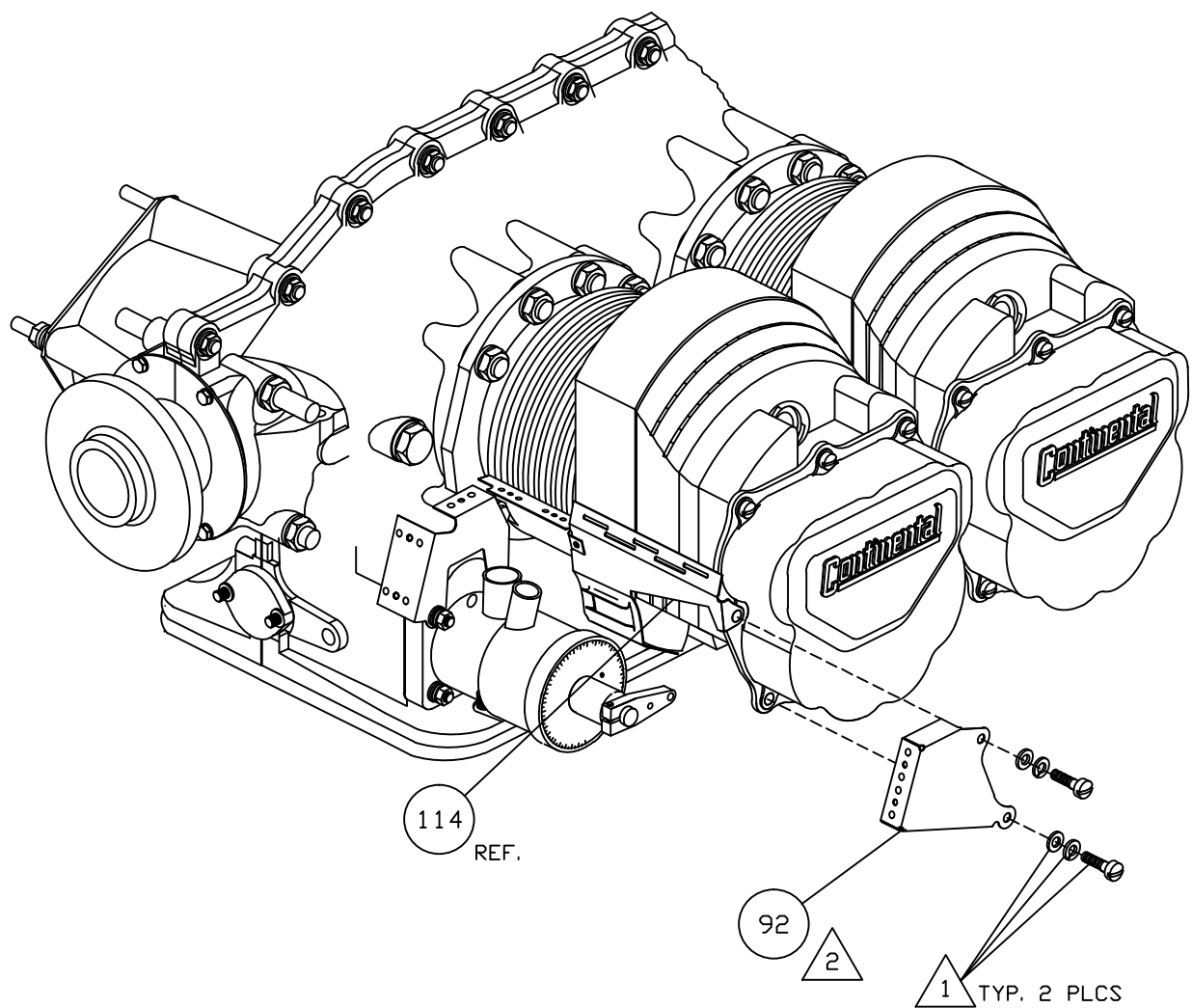


- 5 INSTALL ITEM (91) ONTO STUD, LOCK PROP GOVERNOR, PLACE NUTS AND TORQUE AS PER MANUAL.  
 4 INSTALL WASHER ITEM (88) ONLY IF NEEDED TO TAKE UP RECESSED INTERFACE FOUND ON SOME PROP GOVERNORS. THE WASHER WILL PROVIDE RIGID SUPPORT FOR ITEM (91).  
 3 INSTALL NEW SCREENED PROP GOVERNOR GASKET.  
 2 REMOVE PROP GOVERNOR COVER PRIOR TO INSTALL OF THE PROP GOVERNOR.  
 1 ORIGINAL HARDWARE. (FOR TORQUE VALUES SEE BEECHCRAFT MANUAL)

NOTES:

91	1	BBF-A04-A	BRACKET ASSEMBLY
88	4	AN960-516L	FLAT WASHER
ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.			REIN STL PROP. GOVERNOR W/ BRACKET
TOLERANCES .X_.10 .XXX_.01 .XX_.03 .XXXX_.001 ANGLES ±5% UNLESS STATED			D' SHANNON PRODUCTS, LTD
DWG. No. DSP-IM95-4-8C		REVISION	NC
SCALE: NONE	DATE 10/31/10	SH	1 OF 1

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10



ITEM 114 IS REFERENCED ON DWG. DSP-IM95-4-7A.

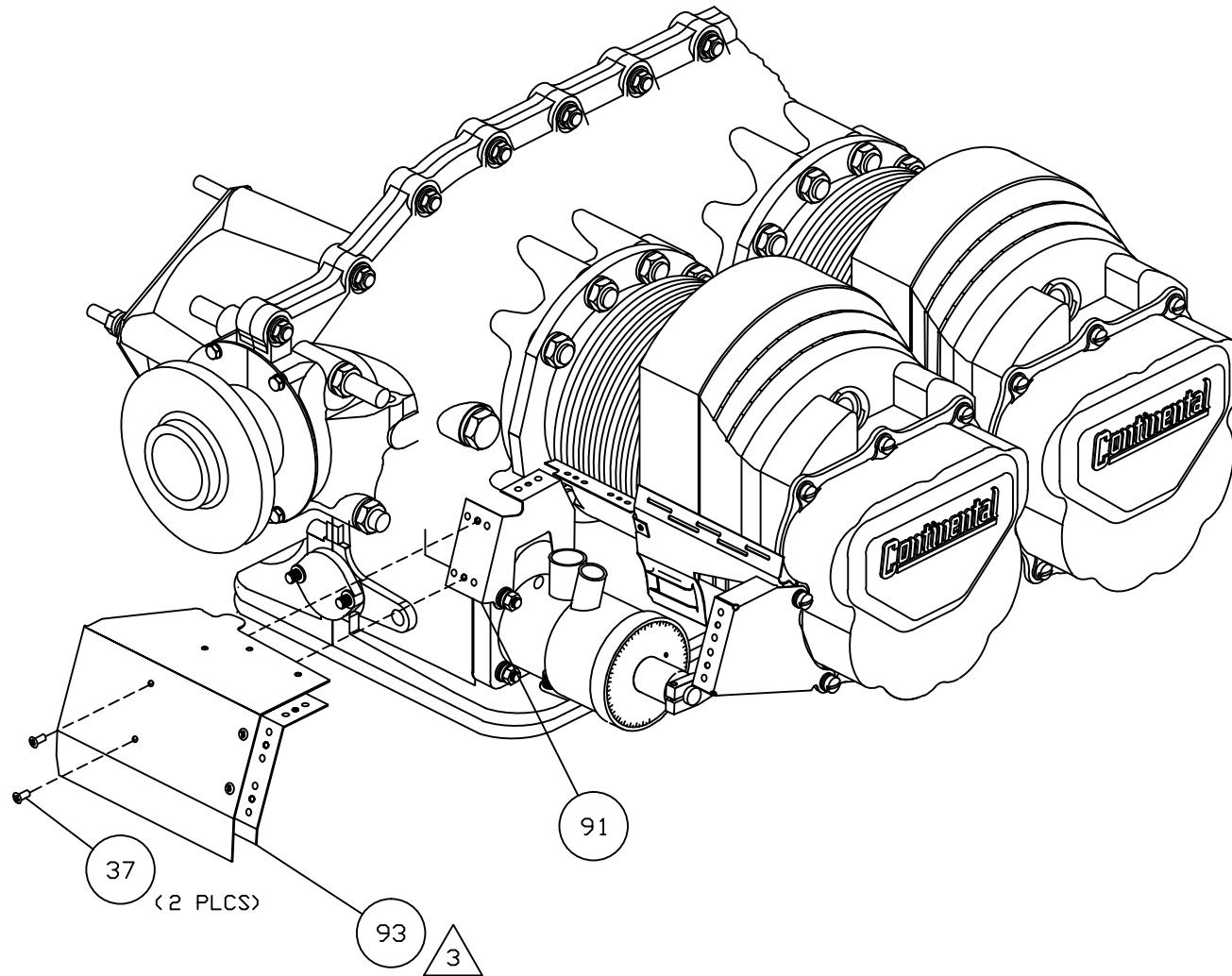
ITEM	QTY	PART No.	DESCRIPTION
95	1	BBF-A03-A	BRACKET ASSEMBLY
94	1	BBF-009-A	BAFFLE FRONT
93	1	BBF-A01-A	BAFFLE FRONT ASSEMBLY
92	1	BBF-A02-A	BRACKET ASSEMBLY
37	11	AN526C632R6	TRUSS HEAD MACHINE SCREW

NEXT ASSY:		INSTALLATION BAFFLE FRONT	
DRAWN BY: D. B.			
ENGINEER: D. BRAUN			
CHECKED BY: D. B.			
TOLERANCES		D' SHANNON PRODUCTS, LTD	
X_.10 .XXX_.01			
XX_.03 .XXX_.001			
ANGLES ±5%			
UNLESS STATED			
		DWG. No. DSP-IM95-4-9C	REVISION NC
		SCALE: NONE	DATE 10/31/10 SH 1 OF 4


- 2 INSTALL ITEM 92 AS SHOWN USING ORIGINAL HARDWARE.
- 1 ORIGINAL HARDWARE. SEE BEECHCRAFT SHOP MANUAL FOR TORQUE VALUES.

NOTES:

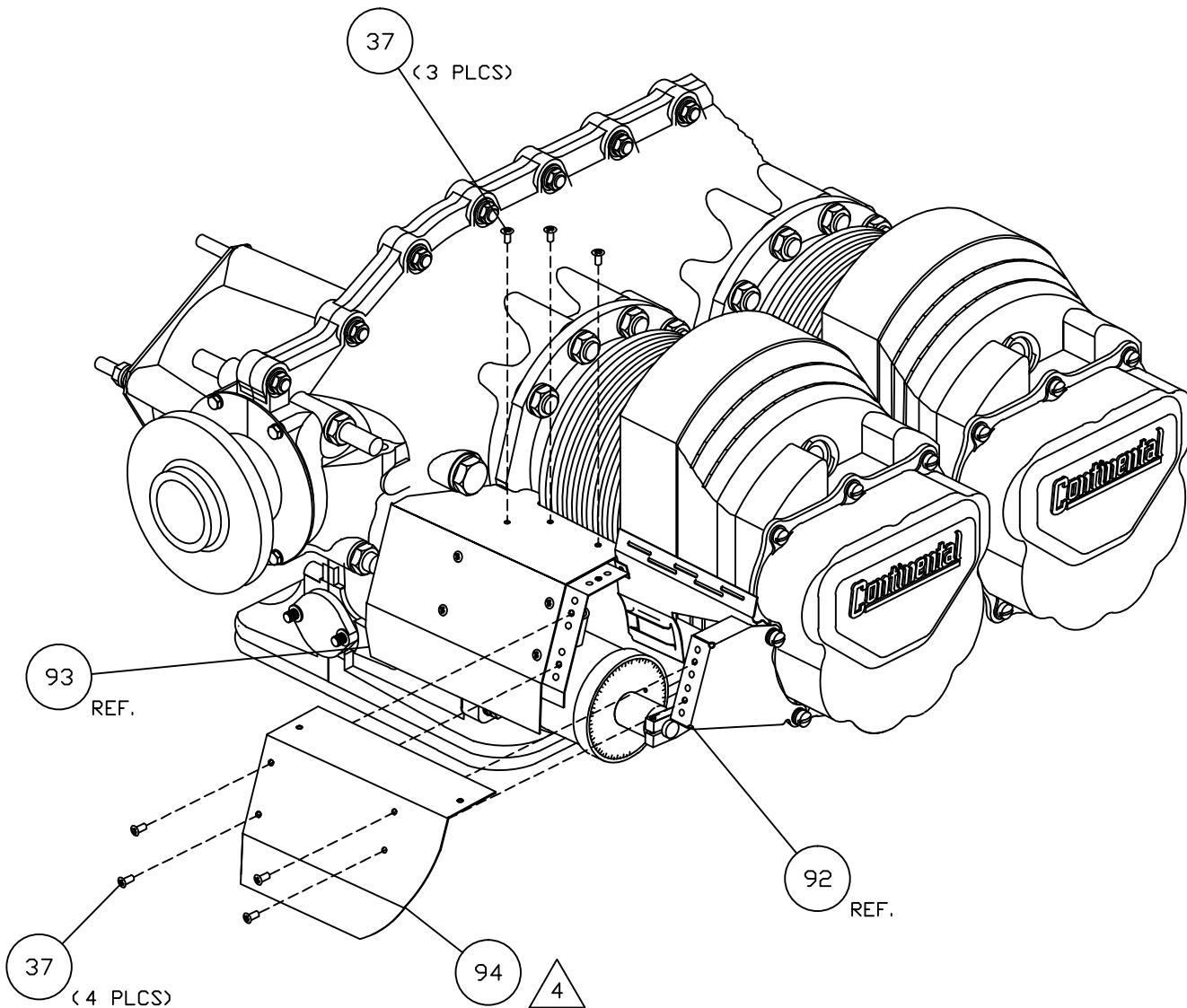




ITEM (91) IS REFERENCED ON DWG. DSP-IM95-4-8C.

NOTES:  ATTACH ITEM (92) TO ITEM (91) AS SHOWN USING ITEM (37).

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION BAFFLE FRONT	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<i>D' SHANNON PRODUCTS, LTD</i>	
DWG. No. DSP-IM95-4-9C		REVISION NC	
SCALE: NONE		DATE 10/31/10 SH 2 OF 4	



△ 4 ATTACH ITEM 94 TO ITEMS 92 AND 93 AS SHOWN USING ITEM 37 .  
 NOTES:

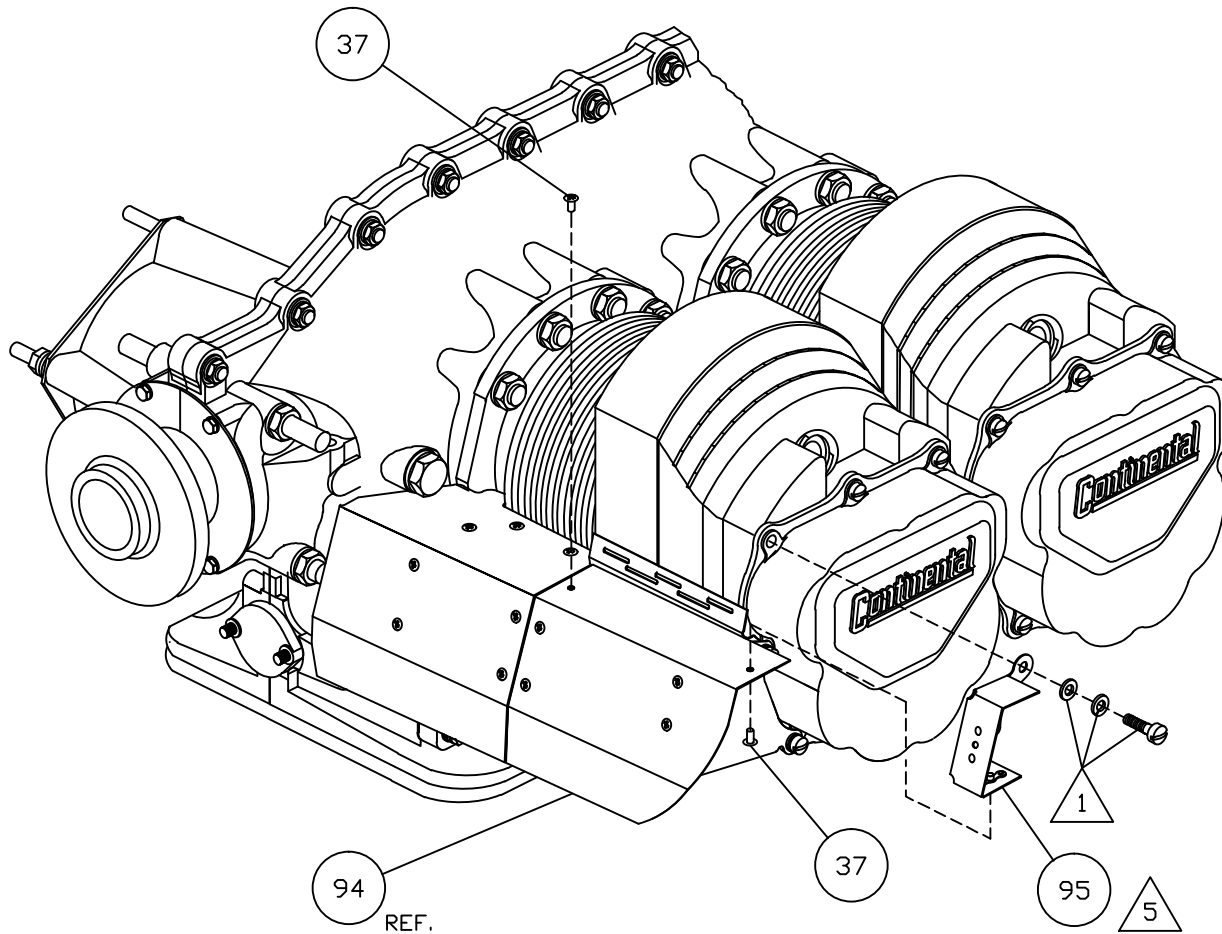
NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

INSTALLATION BAFFLE FRONT

TOLERANCES  
 X\_.10 .XXX\_.01  
 XX\_.03 .XXX\_.001  
 ANGLES ±5%  
 UNLESS STATED

D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-9C REVISION NC  
 SCALE: NONE DATE 10/31/10 SH 3 OF 4



5 INSTALL ITEM 95 IN ITEM 94 AS SHOWN USING ITEM 37 AND ORIGINAL HARDWARE.

NOTES:

NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

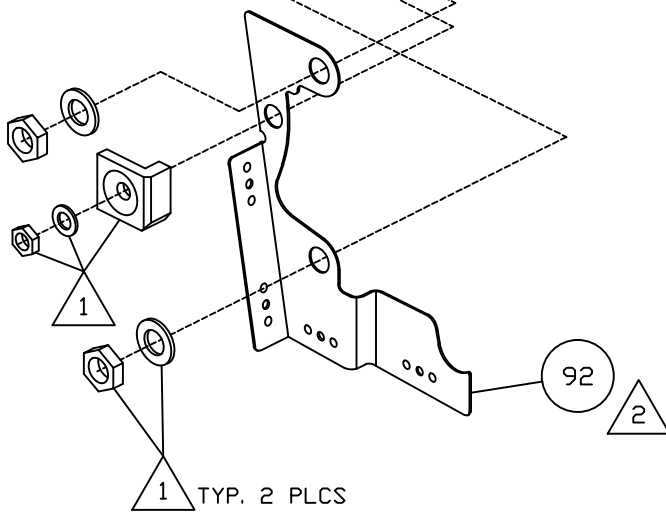
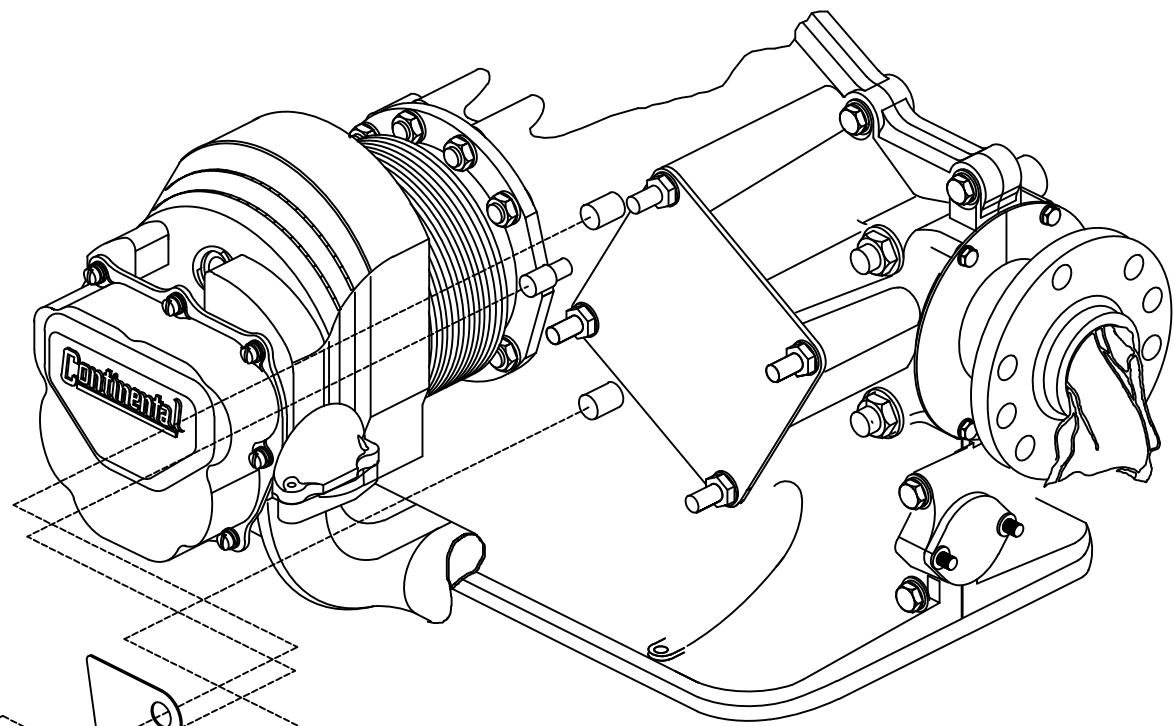
INSTALLATION BAFFLE FRONT

**TOLERANCES**  
 X\_.10 .XXX\_.01  
 XX\_.03 .XXX\_.001  
 ANGLES ±5%  
 UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-9C	REVISION NC
SCALE: NONE	DATE 10/31/10 SH 4 OF 4

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10



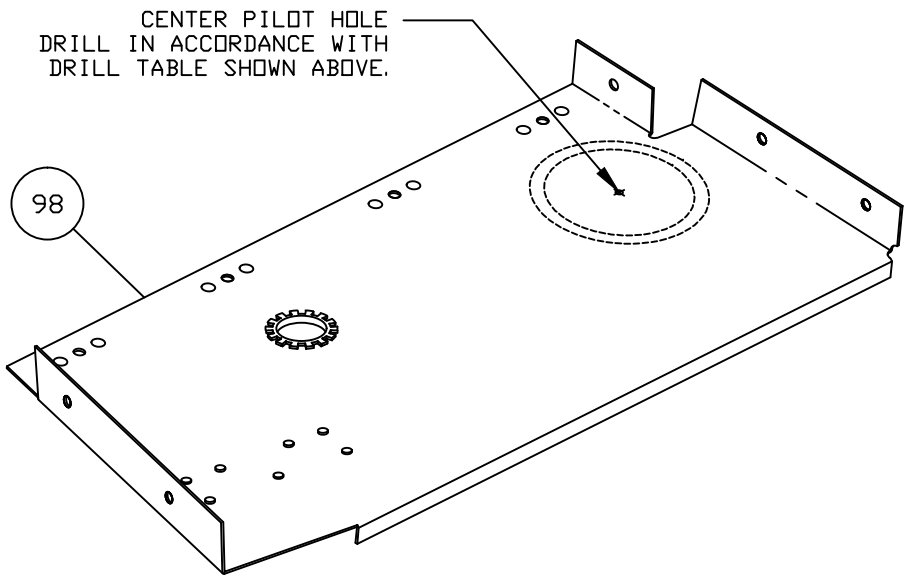
- △ 2 INSTALL ITEM 96 AS SHOWN USING ORIGINAL HARDWARE.  
 △ 1 ORIGINAL HARDWARE. SEE BEECHCRAFT SHOP MANUAL FOR TORQUE VALUES.

NOTES:

99	1	BAB-A02-A	ALTERNATOR BOX BARON ASSEMBLY
98	1	BAB-A03-A	ALTERNATOR BOX BARON ASSEMBLY
97	1	BAB-A01-A	ALTERNATOR BOX BARON ASSEMBLY
96	1	BAB-A04-A	ALTERNATOR BAFFLE RETAINER ASSY
89	9	MS35206-227	PAN HEAD MACHINE SCREW
22	AR	MS21266-1N	GROMMET PLASTIC ENDING
37	4	AN526C632R6	TRUSS HEAD MACHINE SCREW

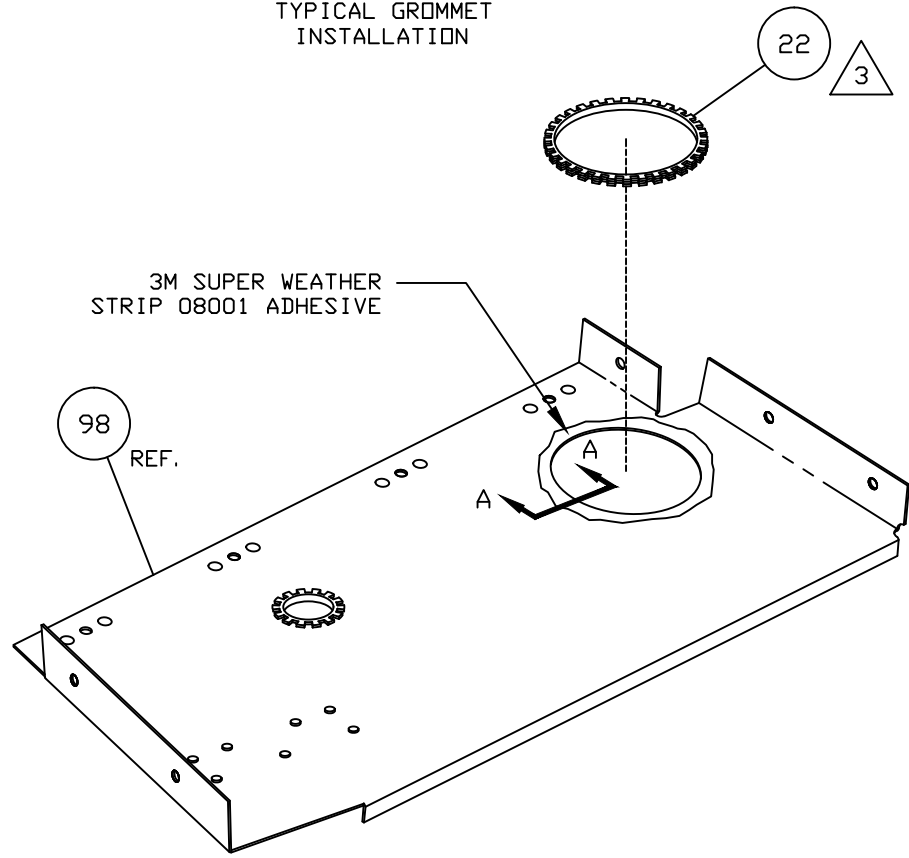
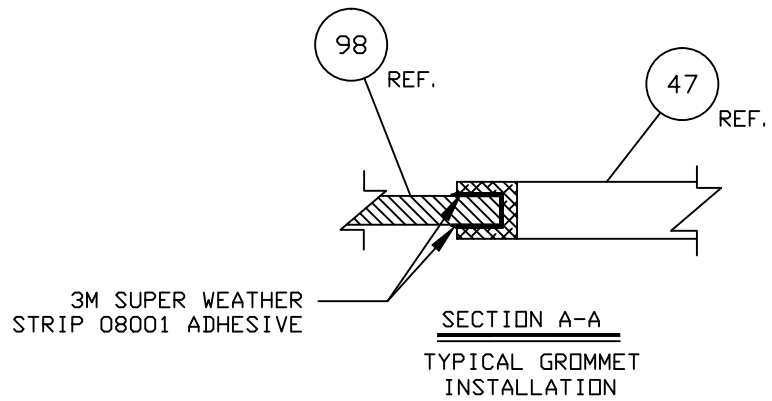
ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY:			INSTALLATION ALTERNATOR BAFFLE
DRAWN BY: D. B.			
ENGINEER: D. BRAUN			
CHECKED BY: D. B.			
TOLERANCES			<i>D' SHANNON PRODUCTS, LTD</i>
X_.10 .XXX_.01			
XX_.03 .XXX_.001			
ANGLES ±5%			
UNLESS STATED			
DWG. No. DSP-IM95-4-10C		REVISION	NC
SCALE: NONE		DATE 10/31/10	SH 1 OF 7

<i>DRILL TABLE</i>	
ALTERNATOR	DRILLING
100 AMP.	2 5/16" DIA.
70 AMP.	2" DIA.
60 AMP.	2" DIA.



NOTES:

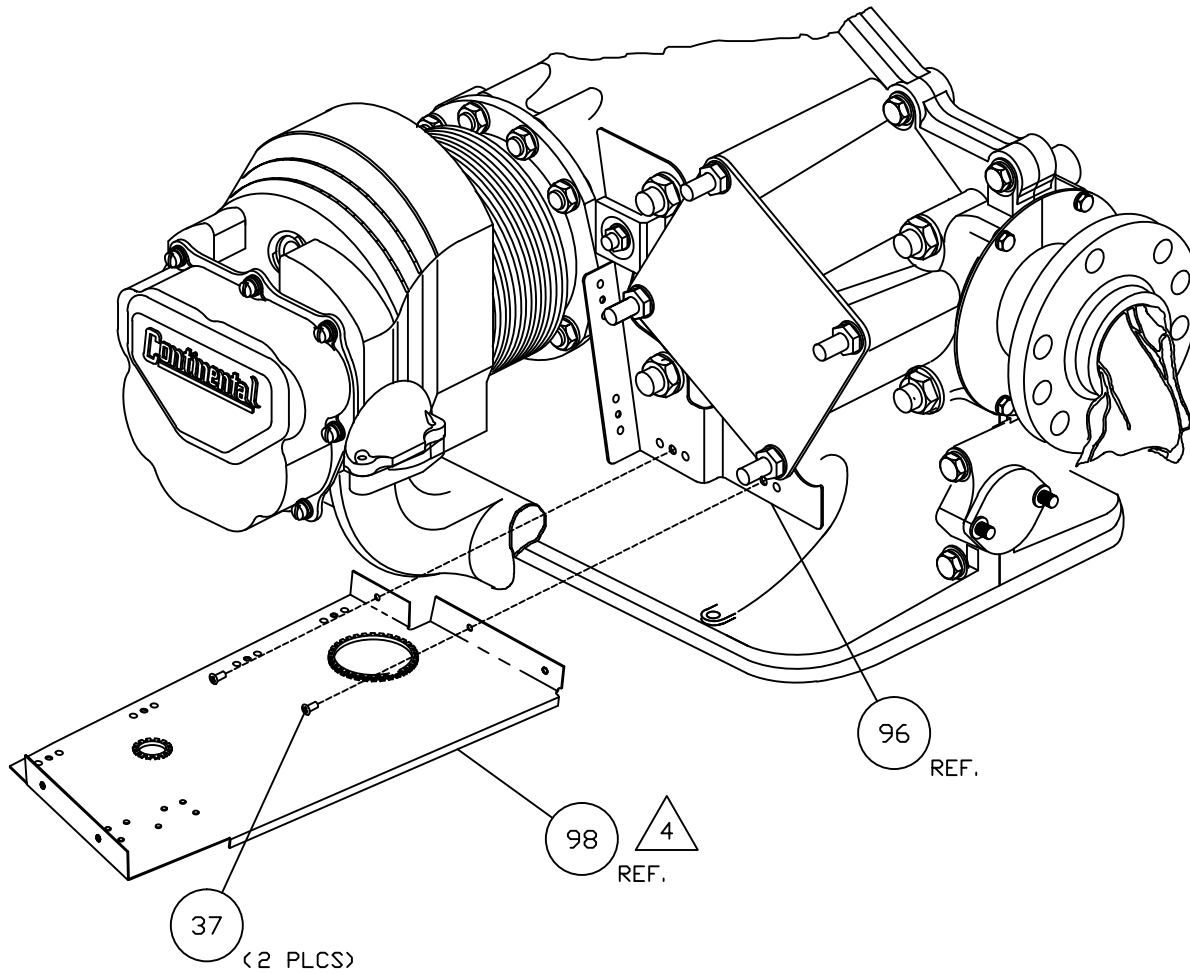
NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION ALTERNATOR BAFFLE
<u>TOLERANCES</u> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<i>D' SHANNON PRODUCTS, LTD</i> DWG. No. DSP-IM95-4-10C REVISION NC SCALE: NONE DATE 10/31/10 SH 2 OF 7



NOTES:

△ 3 INSTALL ITEM ②② ON ITEM ⑨⑧ AS SHOWN USING 3M SUPER WEATHER STRIP 08001 ADHESIVE (NOT INCLUDED).

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION ALTERNATOR BAFFLE	
<u>TOLERANCES</u> .X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<i>D' SHANNON PRODUCTS, LTD</i>	
DWG. No. DSP-IM95-4-10C		REVISION NC	
SCALE: NONE		DATE 10/31/10 SH 3 OF 7	



INSTALL ITEM 98 USING ITEM 37. RUN ITEM 37 THROUGH ITEMS 98 AND 96 AS SHOWN.

NOTES:

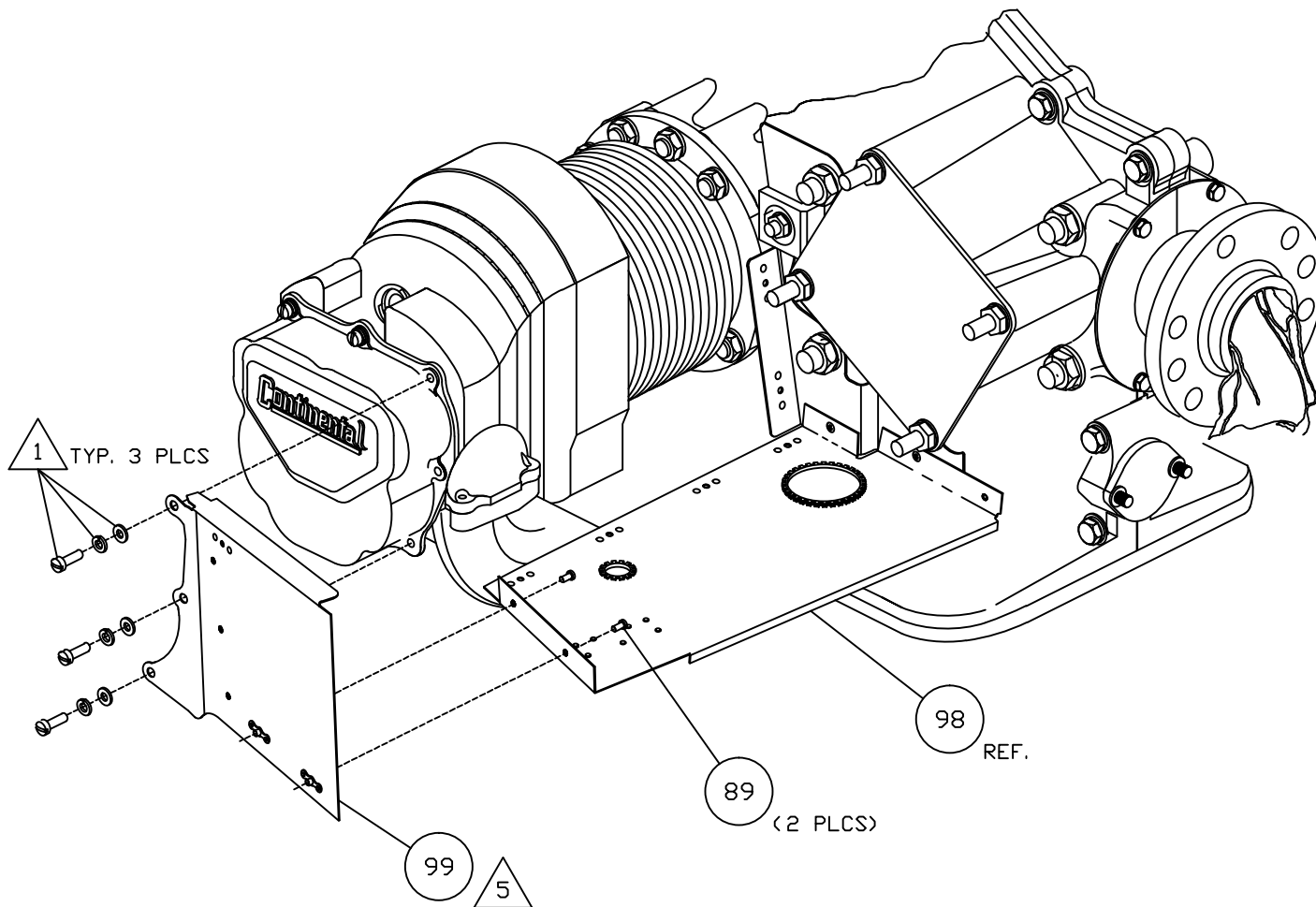
NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTALLATION ALTERNATOR BAFFLE

TOLERANCES  
.X\_.10 .XXX\_.01  
XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-10C	REVISION NC
SCALE: NONE	DATE 10/31/10 SH 4 OF 7



5 INSTALL ITEM 99 USING ITEM 89 AND ORIGINAL HARDWARE AS SHOWN.

1 ORIGINAL HARDWARE. SEE BEECHCRAFT SHOP MANUAL FOR TORQUE VALUES.

NOTES:

NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

INSTALLATION ALTERNATOR BAFFLE

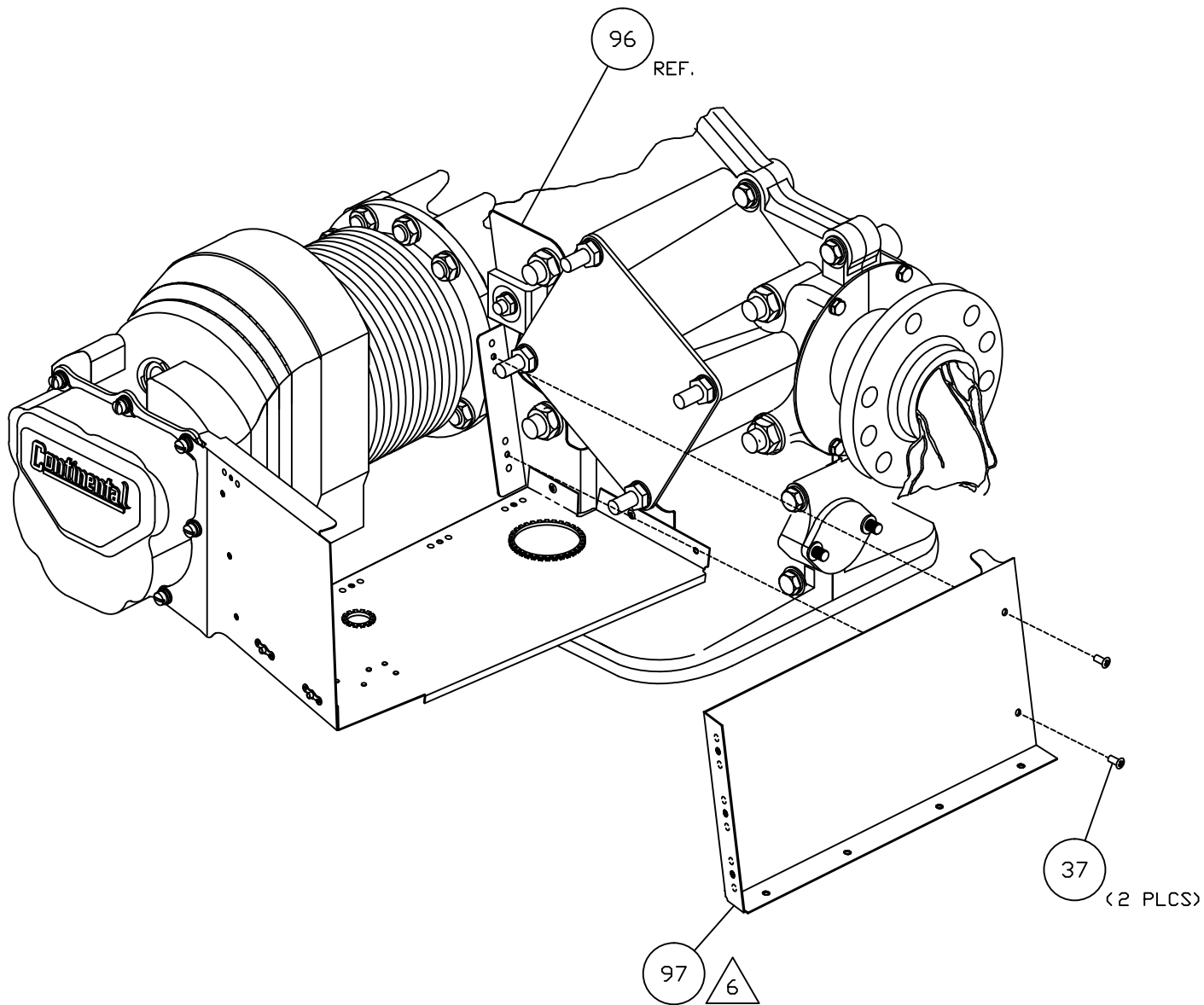
TOLERANCES  
 X\_.10 .XXX\_.01  
 XX\_.03 .XXX\_.001  
 ANGLES ±5%  
 UNLESS STATED

D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-10C REVISION NC

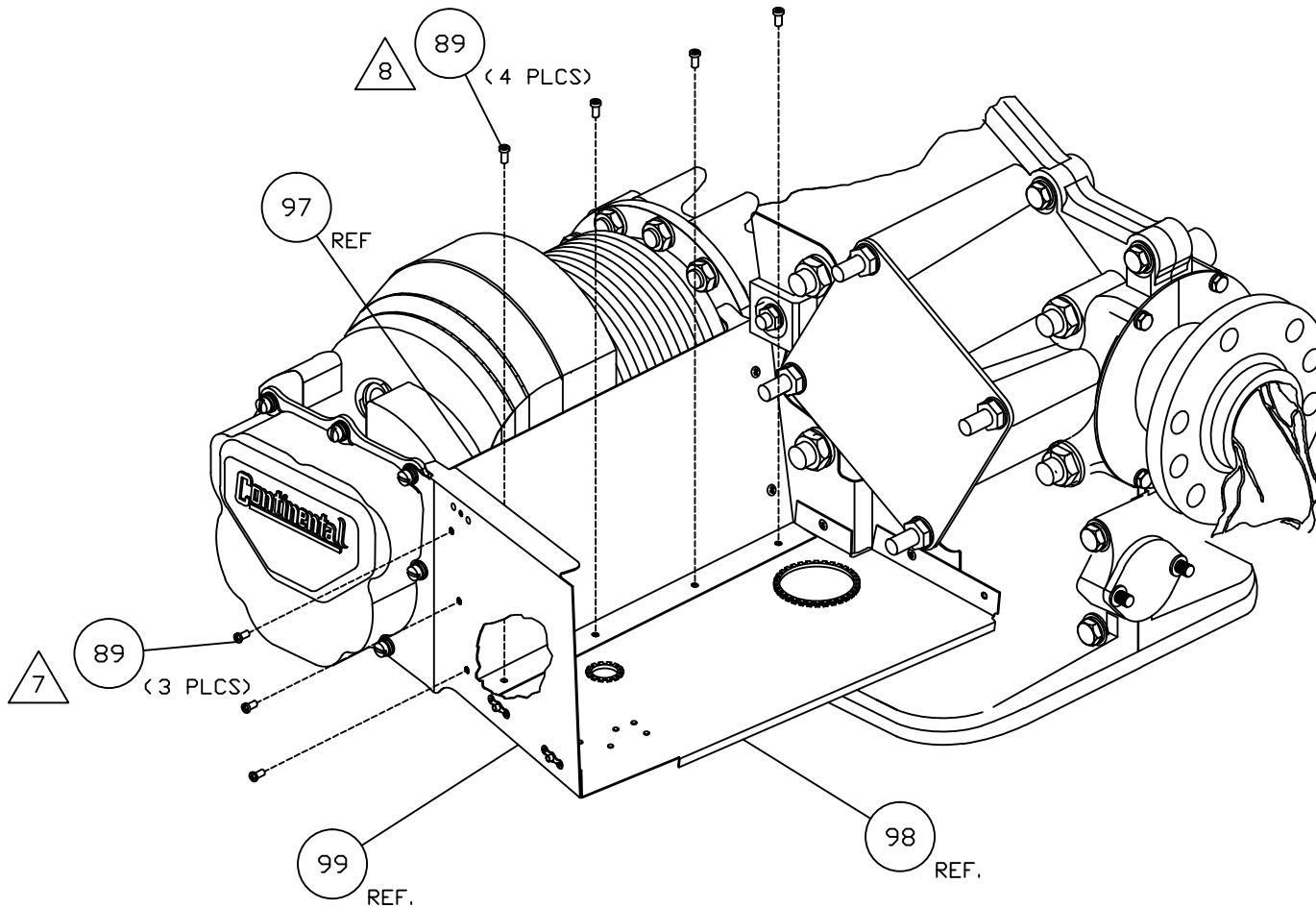
SCALE: NONE DATE 10/31/10 SH 5 OF 7





△ 6 INSTALL ITEM    ⊙ 97 USING ITEM    ⊙ 37 THROUGH ITEMS    ⊙ 97 AND    ⊙ 96 AND TIGHTEN.  
 NOTES:

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION ALTERNATOR BAFFLE	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
DWG. No. DSP-IM95-4-10C		REVISION NC	
SCALE: NONE		DATE 10/31/10 SH 6 OF 7	



8 INSTALL ITEM 89 THROUGH ITEMS 97 AND 98 AND TIGHTEN.

7 INSTALL ITEM 89 THROUGH ITEMS 99 AND 97 AND TIGHTEN.

NOTES:

NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

INSTALLATION ALTERNATOR BAFFLE

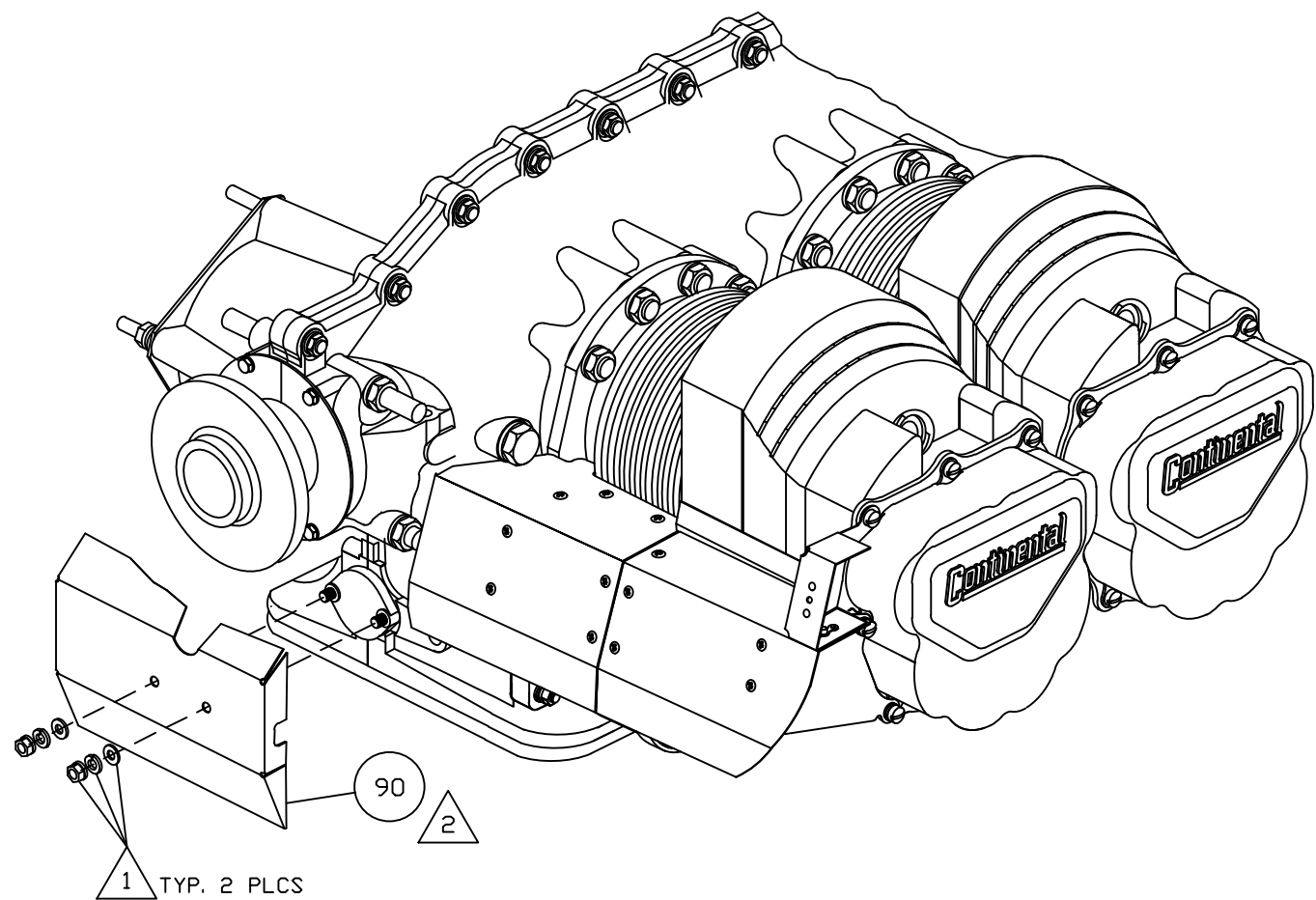
**TOLERANCES**  
 X\_.10 .XXX\_.01  
 XX\_.03 .XXX\_.001  
 ANGLES ±5%  
 UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-10C REVISION NC

SCALE: NONE DATE 10/31/10 SH 7 OF 7

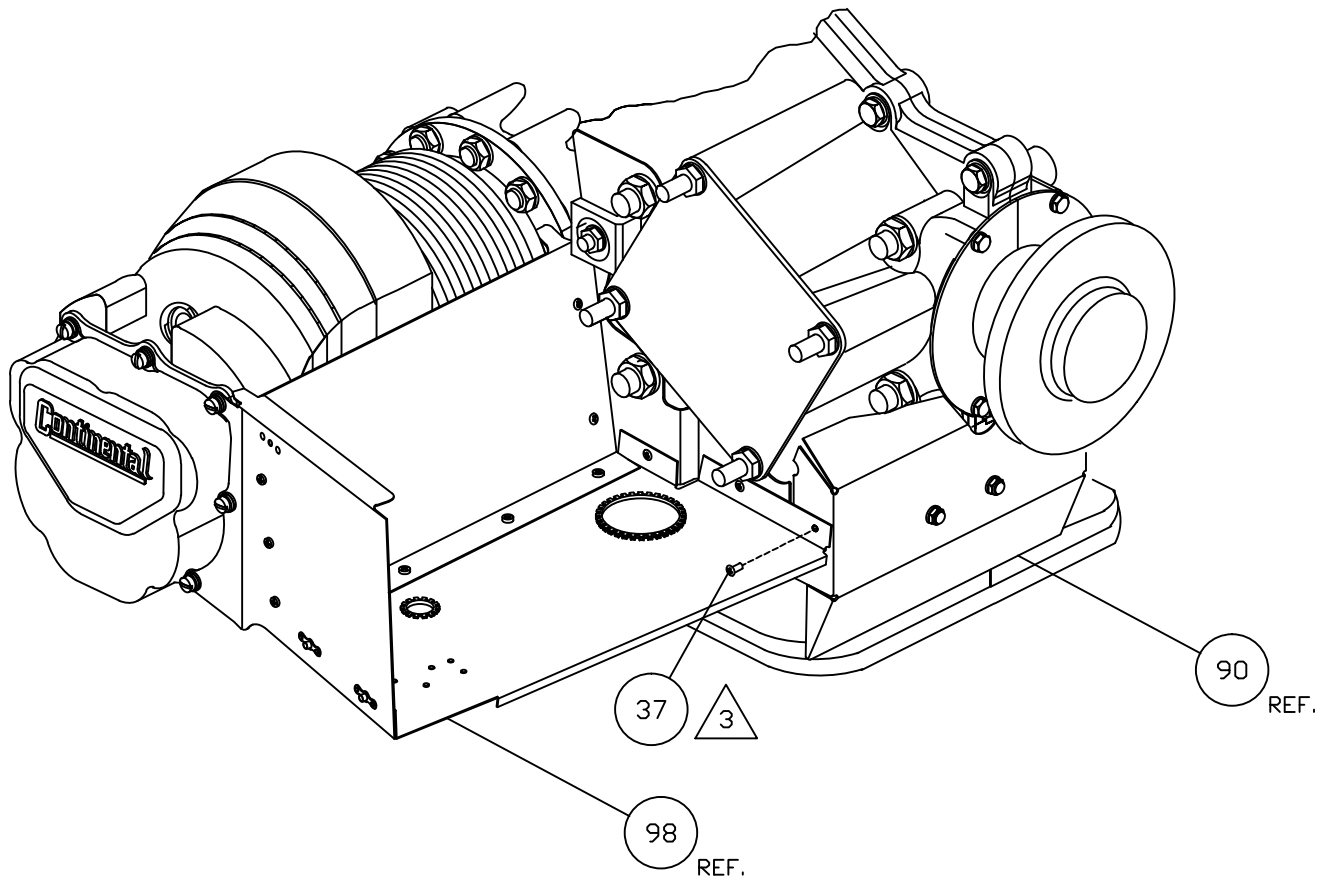
REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10



90	1	BNF-A01-A	BAFFLE NOSE FRONT BARON ASSY
37	1	AN526C632R6	TRUSS HEAD MACHINE SCREW
ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.			INSTALLATION BAFFLE NOSE
TOLERANCES .X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED			D' SHANNON PRODUCTS, LTD
DWG. No. DSP-IM95-4-11C			REVISION NC
SCALE: NONE			DATE 10/31/10 SH 1 OF 2

- △ 2 INSTALL NOSE BAFFLE ITEM (90) AS SHOWN USING ORIGINAL HARDWARE.  
 △ 1 ORIGINAL HARDWARE. SEE BEEHCRAFT SHOP MANUAL FOR TORQUE VALUES.

NOTES:



ITEM (98) IS REFERENCED ON DWG. DSP-IM95-4-10C.

NOTES: 3 INSTALL ITEM (37) THROUGH ITEMS (98) AND (90) AND TIGHTEN.

NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

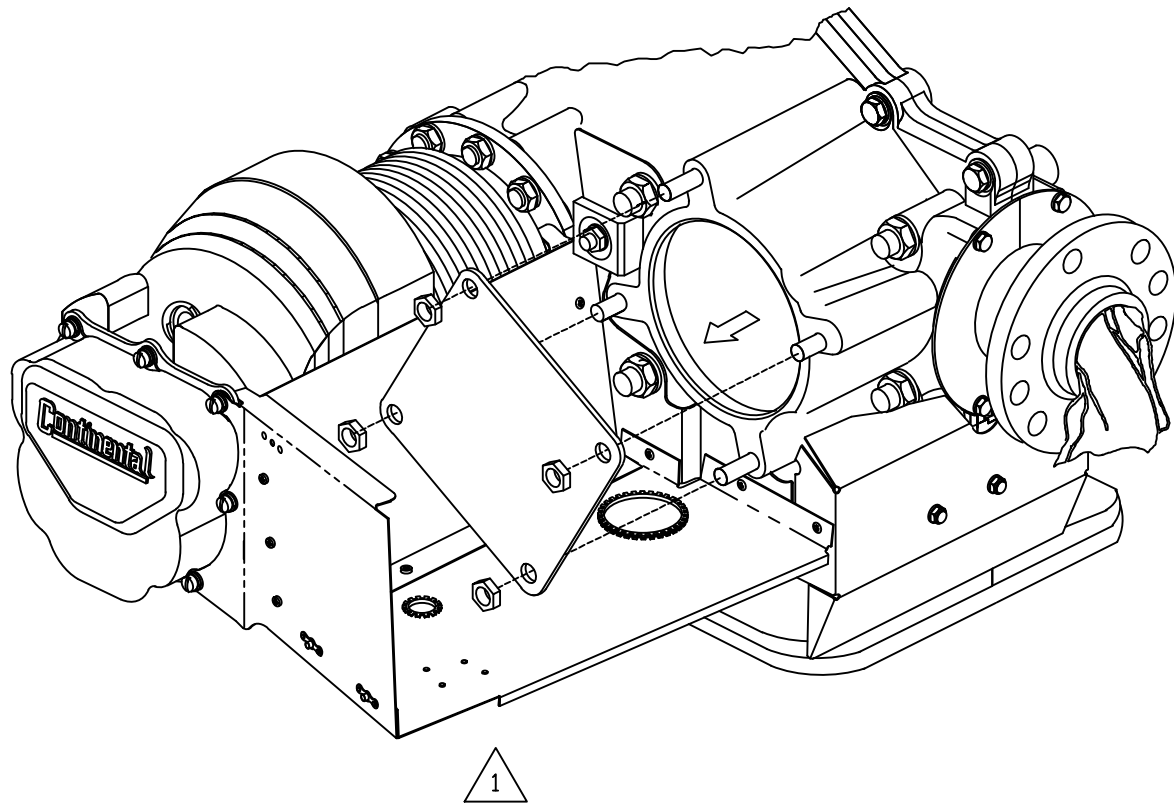
INSTALLATION BAFFLE NOSE

TOLERANCES  
 X\_.10 .XXX\_.01  
 XX\_.03 .XXX\_.001  
 ANGLES ±5%  
 UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-11C	REVISION NC
SCALE: NONE	DATE 10/31/10 SH 2 OF 2

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10



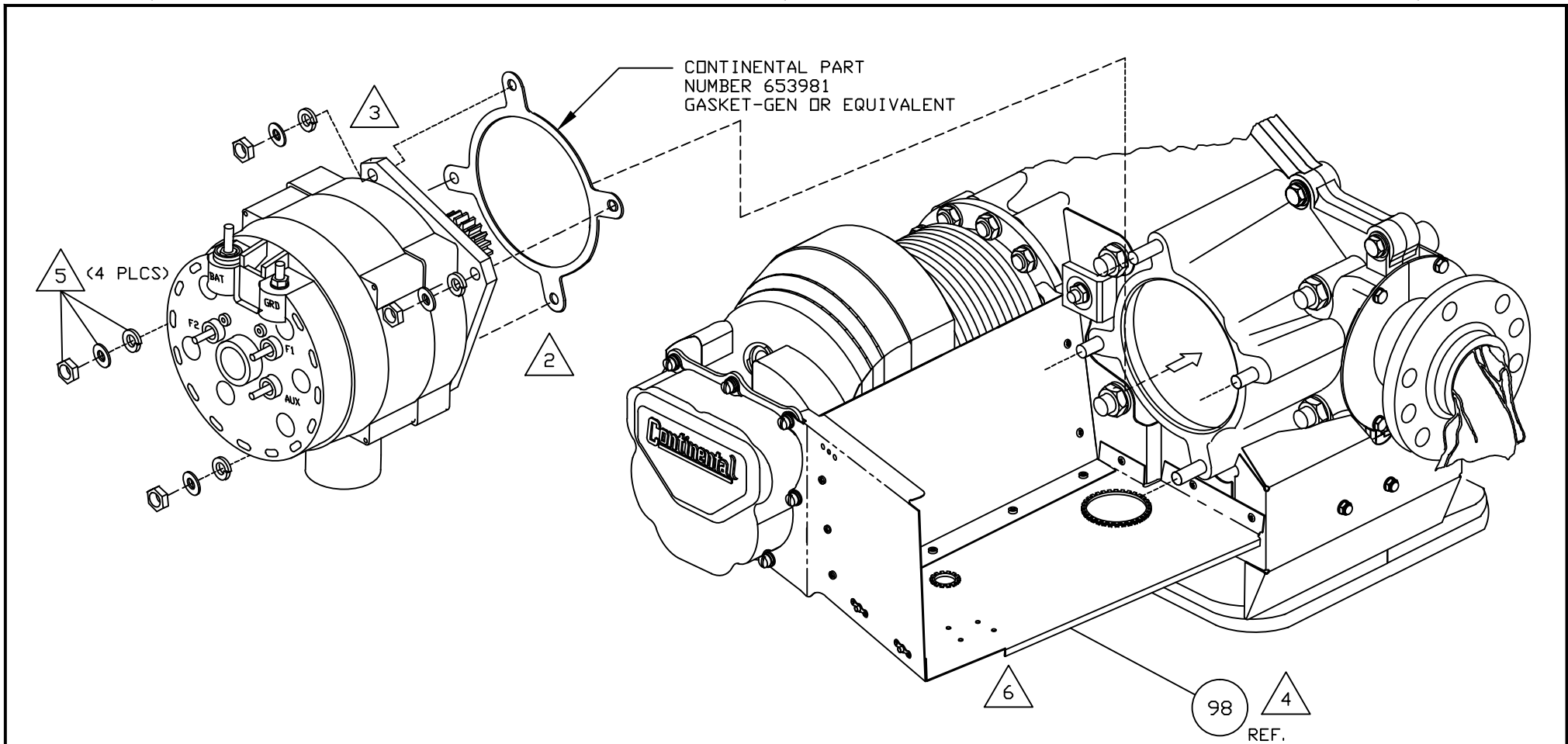
1

1

REMOVE ALTERNATOR COVER PLATE IF PRESENT PRIOR TO REINSTALLATION OF THE ALTERNATOR IN ITS ORIGINAL POSITION.

NOTES:

51	AR	GE SILICONE II	SILICONE SEALANT
ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.			REINSTALLATION ALTERNATOR
TOLERANCES .X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED			D' SHANNON PRODUCTS, LTD
DWG. No. DSP-IM95-4-12C			REVISION NC
SCALE: NONE			DATE 10/31/10 SH 1 OF 2



△ 6 ONCE INSTALLATION OF THE ALTERNATOR IS COMPLETE, SEAL ALL CLEARANCES/GAPS USING GE SILICONE II ITEM (51). DO NOT APPLY ABOVE THE CASE FLANGE OR UNDER THE ALTERNATOR FLANGE. MAINTAIN CLEARANCE BETWEEN THE ALTERNATOR AND THE SILICONE.

△ 5 ORIGINAL HARDWARE. TIGHTEN ALTERNATOR BOLTS EVENLY. TORQUE PER CONTINENTAL OVERHAUL MANUAL TORQUE VALUES.

△ 4 FIT ALTERNATOR BLAST TUBE THROUGH HOLE AND GROMMET IN ITEM (98).

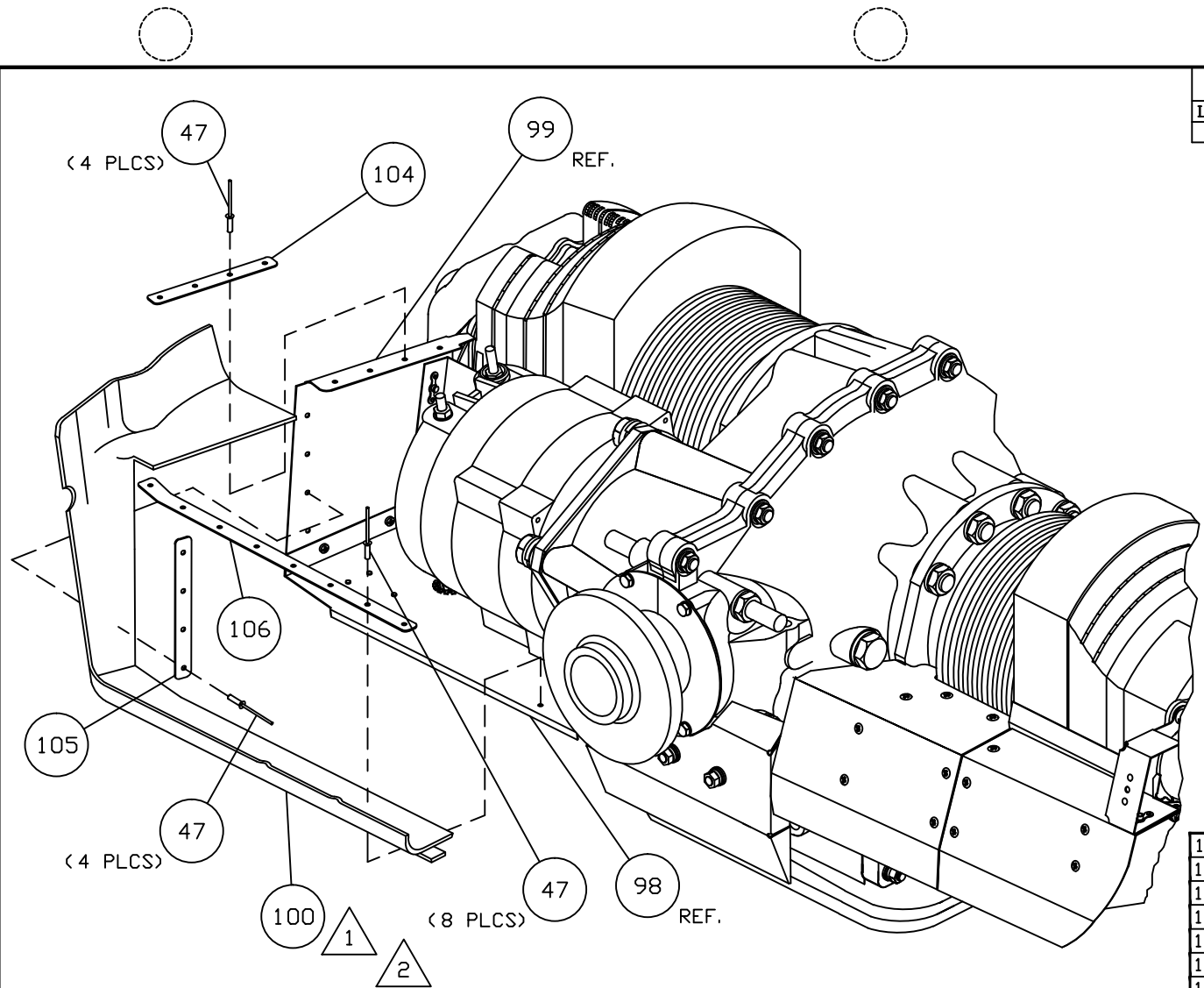
△ 3 ALTERNATOR SHOWN IS ONE OF MANY POSSIBLE APPROVED PART NUMBERS..

△ 2 INSTALL ALTERNATOR ONTO ITS ORIGINAL LOCATION.

NOTES:

ITEM (98) IS REFERENCED ON DWG. DSP-IM95-4-10C.

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		REINSTALLATION ALTERNATOR	
TOLERANCES X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		D' SHANNON PRODUCTS, LTD	
DWG. No. DSP-IM95-4-12C		REVISION	NC
SCALE: NONE	DATE 10/31/10	SH	2 OF 2



REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10

ITEM (99) IS REFERENCED ON  
DWG. DSP-IM95-4-10C.

ITEM (98) IS REFERENCED ON  
DWG. DSP-IM95-4-10C.

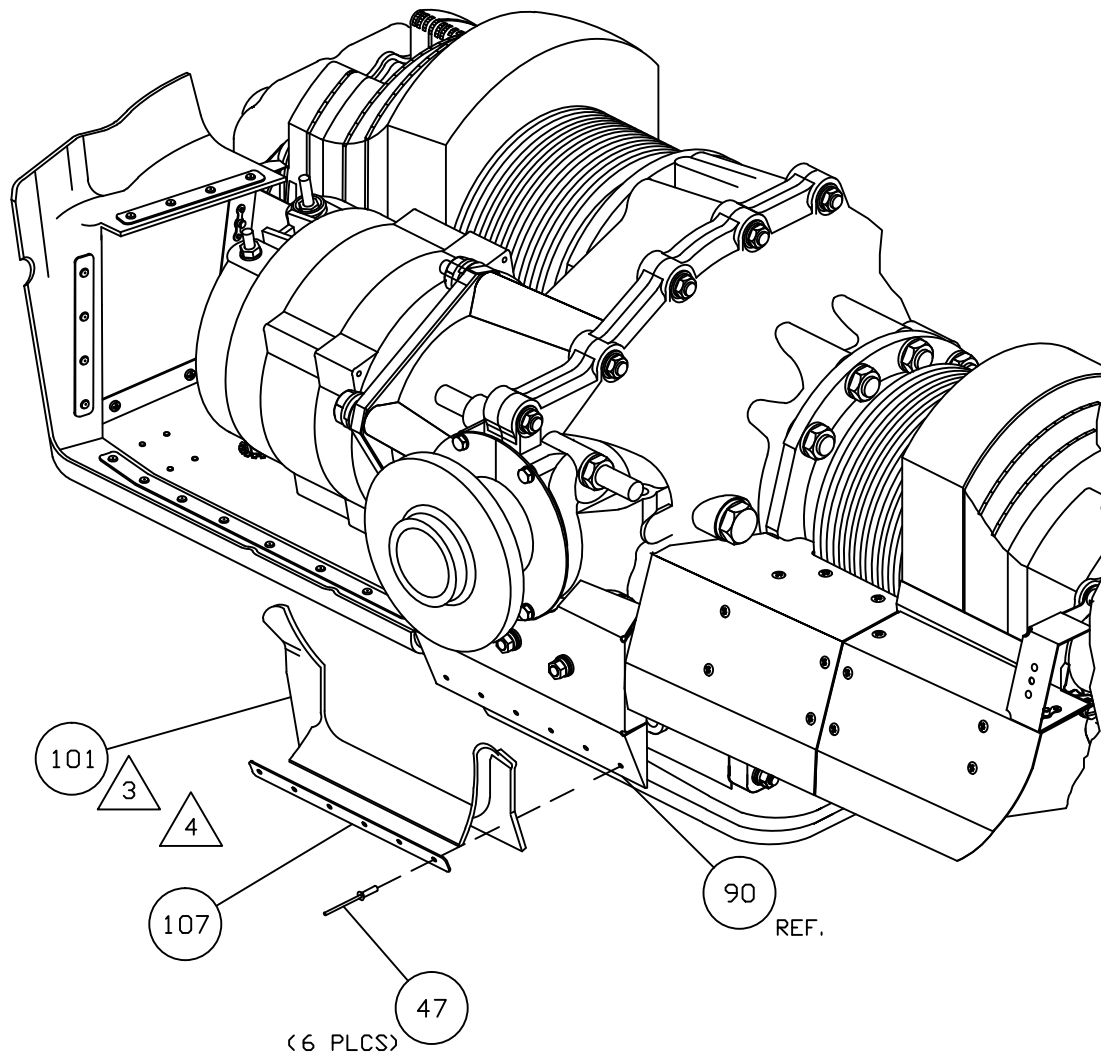
111	1	BFR-08-A	RETAINER STRIP
110	1	BFR-07-A	RETAINER STRIP
109	1	BFR-06-A	RETAINER STRIP
108	1	BFR-05-A	RETAINER STRIP
107	1	BNR-01-A	RETAINER STRIP
106	1	BAB-011	RETAINER STRIP
105	1	BAB-013	RETAINER STRIP
104	1	BAB-012	RETAINER STRIP
103	1	BFG-03	GASKET FRONT BAFFLE
102	1	BFG-02	GASKET FRONT BAFFLE
101	1	BNG-01-A	BAFFLE NOSE GASKET
100	1	BAG-010	GASKET ALTERNATOR BOX BARON
47	37	AD46H	POP RIVET
38	1	AN526C632R8	TRUSS HEAD MACHINE SCREW
ITEM	QTY	PART No.	DESCRIPTION

2 INSTALL ITEM (100) AS SHOWN USING ITEMS (104), (105), (106) AND (47).

1 PLACE ITEM (100), AND (104), (105) AND (106) AS SHOWN AND MARK THE HOLES. DRILL 16 PLACES WITH A NO. 28 DRILL BIT.

NOTES:

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION GASKET FRONT	
TOLERANCES: X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		D' SHANNON PRODUCTS, LTD	
		DWG. No. DSP-IM95-4-13C	REVISION NC
		SCALE: NONE	DATE 10/31/10 SH 1 OF 4



ITEM (90) IS REFERENCED ON DWG. DSP-IM95-4-11C.

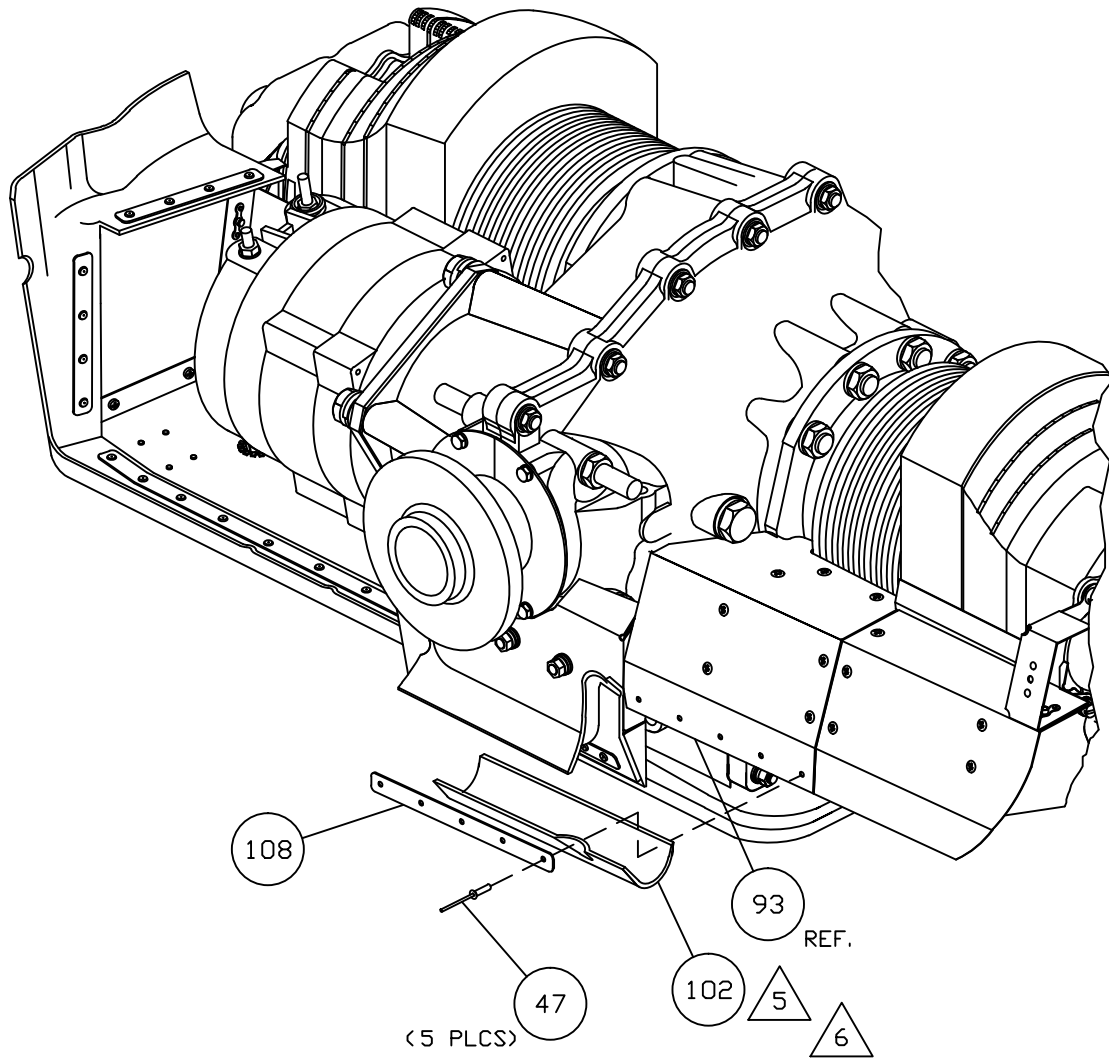
4 INSTALL ITEM (101) AS SHOWN USING ITEMS (107) AND (47).

3 PLACE ITEM (101), AND (107) AS SHOWN AND MARK THE HOLES. DRILL 6 PLACES WITH A NO. 28 DRILL BIT.

NOTES:

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION GASKET FRONT	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
DWG. No. DSP-IM95-4-13C		REVISION NC	
SCALE: NONE		DATE 10/31/10 SH 2 OF 4	





ITEM (93) IS REFERENCED ON DWG. DSP-IM95-4-9C.

△ 6 INSTALL ITEM (102) AS SHOWN USING ITEMS (108) AND (47).

△ 5 PLACE ITEM (102), AND (108) AS SHOWN AND MARK THE HOLES. DRILL 5 PLACES WITH A NO. 28 DRILL BIT.

NOTES:

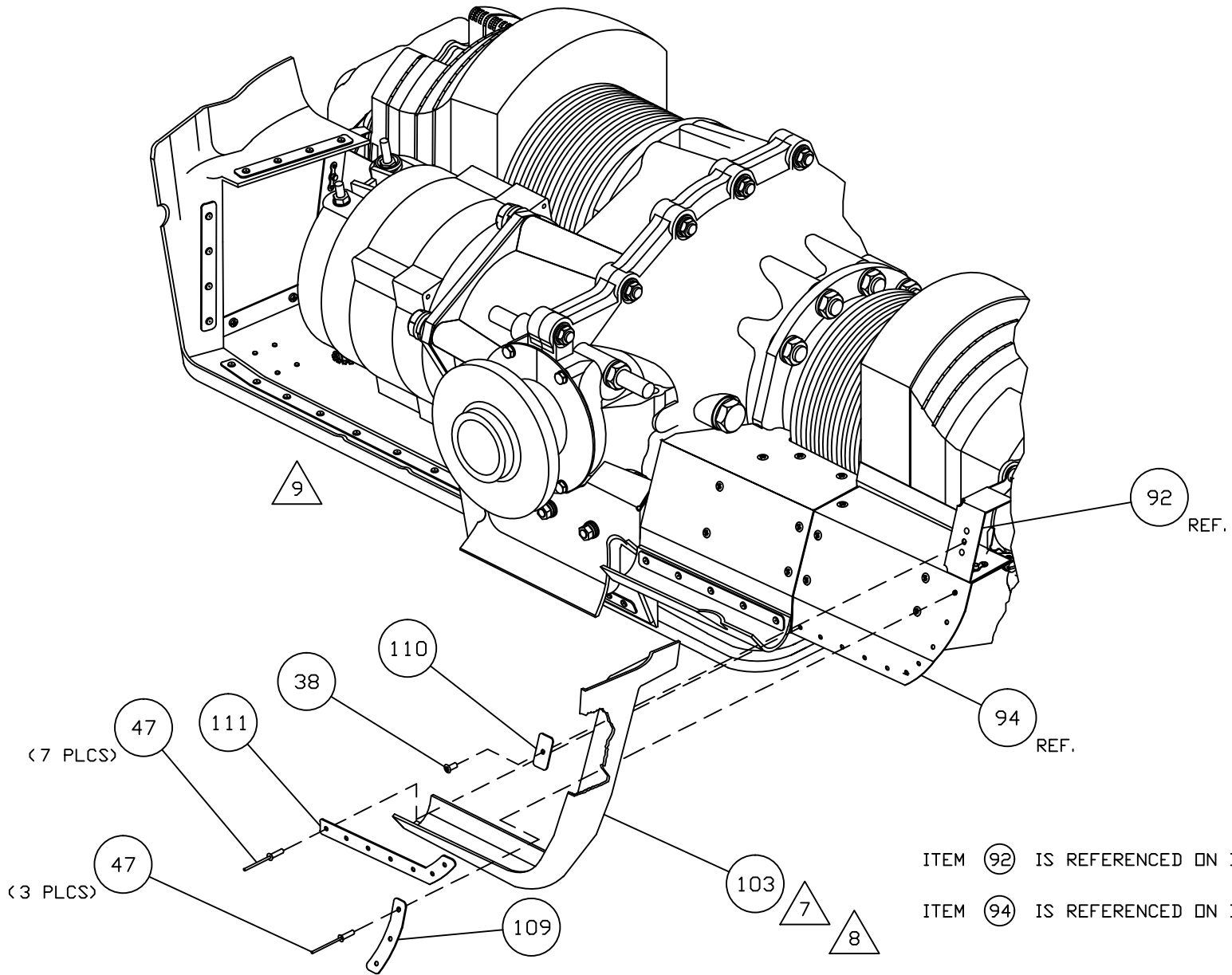
NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTALLATION GASKET FRONT

TOLERANCES  
X\_.10 .XXX\_.01  
XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-13C	REVISION NC
SCALE: NONE	DATE 10/31/10 SH 3 OF 4



ITEM 92 IS REFERENCED ON DWG. DSP-IM95-4-9C.

ITEM 94 IS REFERENCED ON DWG. DSP-IM95-4-9C.

9 ONCE THE FRONT GASKETS ARE INSTALLED, SEAL ALL GAPS USING GE SILICONE ITEM 51.

8 INSTALL ITEM 103 AS SHOWN USING ITEMS 109, 110, 111, 47 AND 38.

7 PLACE ITEM 103, AND 109, 110 AND 111 AS SHOWN AND MARK THE HOLES. DRILL 11 PLACES WITH A NO. 28 DRILL BIT.

NOTES:

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

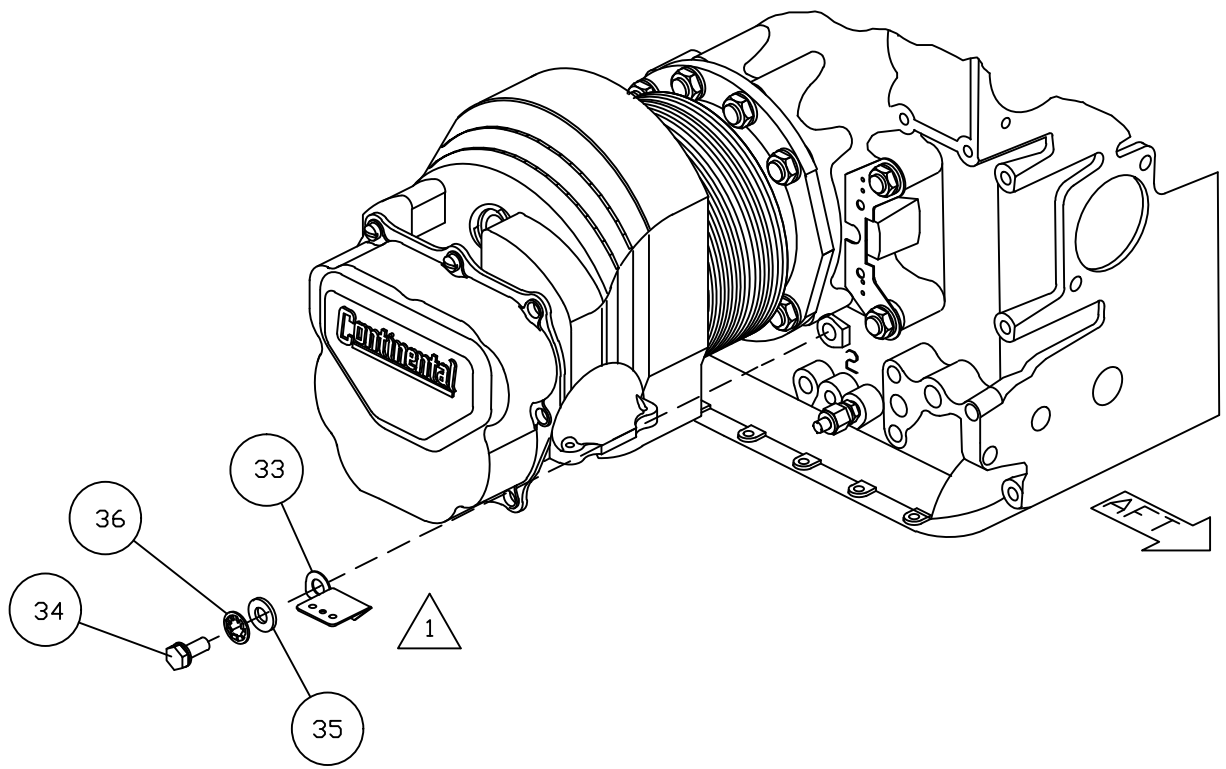
INSTALLATION GASKET FRONT

TOLERANCES  
X\_.10 .XXX\_.01  
XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-13C	REVISION NC
SCALE: NONE	DATE 10/31/10 SH 4 OF 4

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	K. S.	04/24/09
A	SH 2 DELETED	D. B.	12/02/09

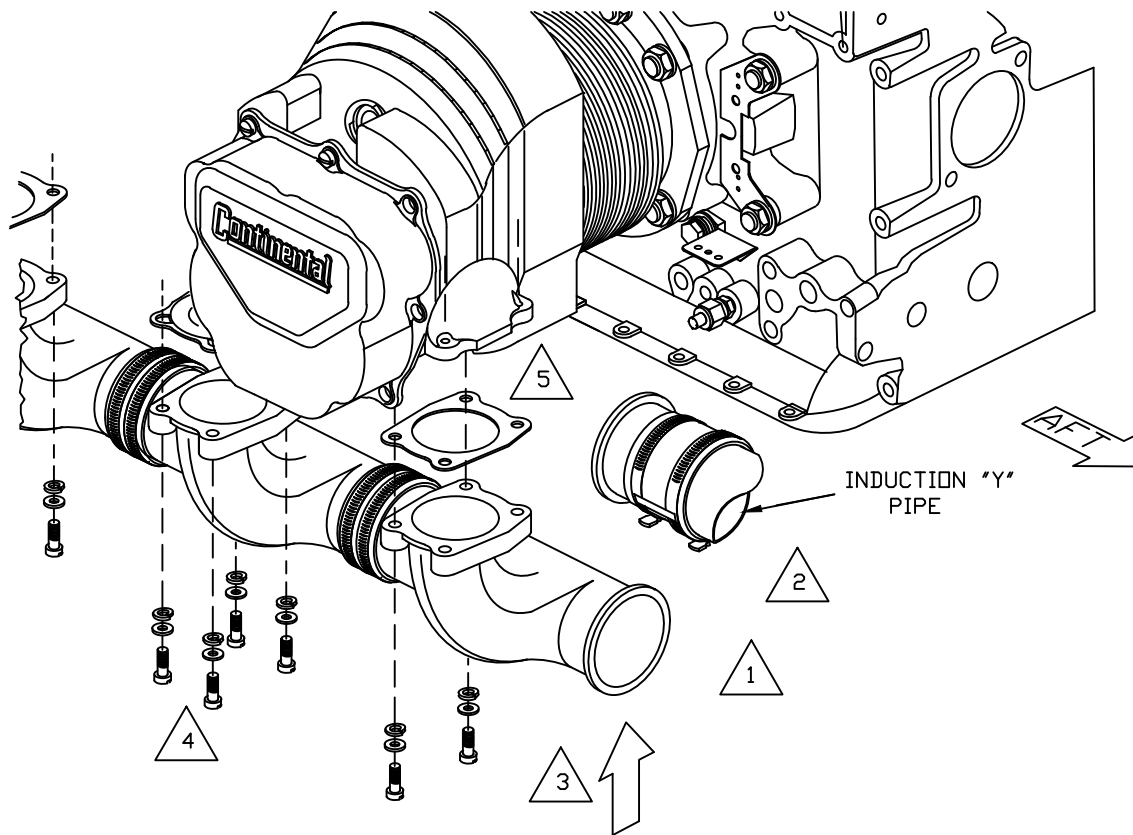


36	1	AN936A-616	INTERNAL TOOTH LOCKWASHER
35	1	AN960-616	FLAT WASHER
34	1	AN76A-06	DRILLED HEAD BOLT (ALTERNATE)
34	1	MS20074-06-06	DRILLED HEAD BOLT
33	1	244005Z	#2 CYL/OIL COOLER CASE BRACKET ASSY
ITEM	QTY	PART No.	DESCRIPTION

1 POSITION #2 BAFFLE TAB ITEM (33) BETWEEN THE ENGINE OIL COOLER AND BELOW NUMBER 2 CYLINDER. WHEN TOP FACE OF ITEM (33) IS PARALLEL TO THE BOTTOM OF THE CASE SECURE TO ENGINE BLOCK USING ITEM (35), (36) AND (34).

NOTES:

NEXT ASSY: DRAWN BY: K. R. S. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTL OF REAR #2 BAFFLE TAB
<b>TOLERANCES</b> X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b> DWG. No. DSP-IM95-1-16 REVISION A SCALE: NONE DATE 12/12/09 SH 1 OF 1



REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	K. S.	04/24/09
A	MOVED NOTES. REMOVED SH 2.	D. B.	03/08/10

△5 MAKE SURE THAT THE GASKET BETWEEN THE MANIFOLD AND THE CYLINDER MATCH, THEY ARE NOT SYMMETRICAL.

△4 NOTE △3 IS APPLICABLE FOR BOTH SIDES OF THE ENGINES.

△3 ONE WAY TO INSTALL THE INTAKE MANIFOLD ASSEMBLY IS TO INSTALL THE HOSE ON THE BALANCE TUBE WITH THE INTAKE MANIFOLD ROTATED AT 90° OUTBOARD, AND PUSH THE MANIFOLD INTO THE HOSE ON THE BALANCE TUBE. ROTATE THE INTAKE MANIFOLD ASSEMBLY TO THE RIGHT SO YOU CAN RAISE THE MANIFOLD. WITH THE GASKET IN THE CORRECT POSITION, INSTALL THE ORIGINAL BOLTS INTO THE WASHER, FOLLOWED BY THE LOCK WASHER, THEN TO THE MANIFOLD, AND FINALLY THROUGH THE GASKET INTO THE HEAD.

TURN THE BOLTS INTO THE HEAD BUT DO NOT TIGHTEN AT THIS TIME. REPOSITION THE HOSE THAT WAS PUSHED ONTO THE "Y" PIPE BY SLIDING IT BACK ONTO THE INTAKE MANIFOLD PIPE. ROTATE ALL HOSE CLAMPS TO A POSITION THAT IS BEST SUITED TO CHECK THE TIGHTNESS OF THE HOSES IN THE AIRCRAFT, AND TO MAKE SURE THAT THE HOSES DO NOT TOUCH THE EXHAUST MANIFOLD. IMPORTANT: YOU NEED TO PAY ATTENTION TO THE DIRECTION OF THE HOSE CLAMPS SO THAT THEY DO NOT LAY AGAINST THE EXHAUST MANIFOLD. THE "Y" PIPE AND THE BALANCE TUBE NEED TO BE POSITIONED IN A MANNER THAT THEY DO NOT HIT THE STAINLESS STEEL MOUNT SHIELD.

△2 RE-INSPECT FOR ANY FOREIGN OBJECTS OR ANY OTHER OBTRUSION INSIDE THE PIPES.

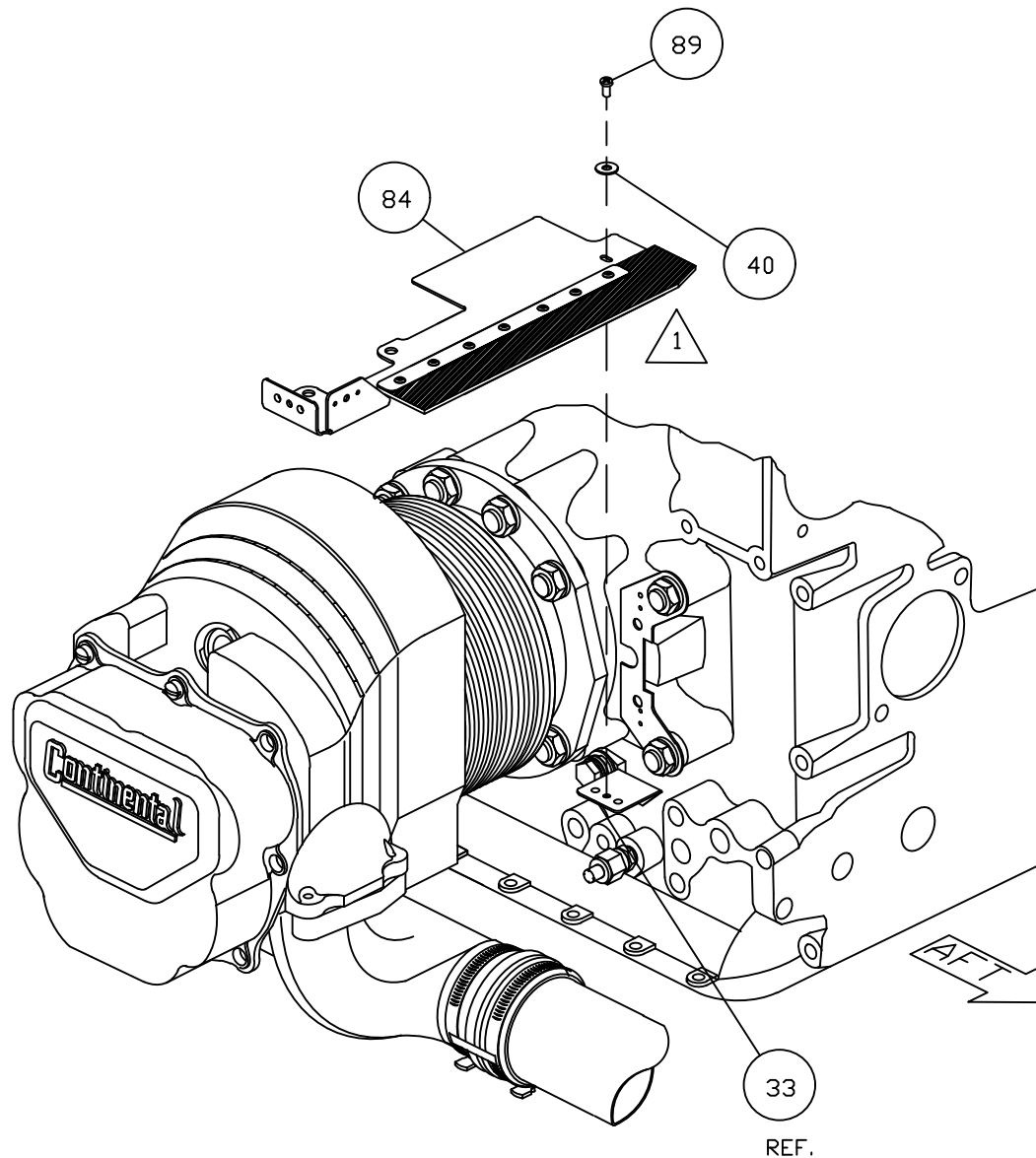
△1 REMOVE ALL COVERS/CAPS FROM ALL ENDS OF INTAKE PIPES, BALANCE TUBE AND THE INDUCTION "Y" PIPE BEFORE REINSTALLING THE INDUCTION MANIFOLD

NOTES:

ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY: DRAWN BY: K. R. S. ENGINEER: D. BRAUN CHECKED BY: D. B.			REINSTALL INTAKE PIPE LEFT SIDE
TOLERANCES .X_.10 .XXX_.01 .XX_.03 .XXXX_.001 ANGLES ±5% UNLESS STATED			D' SHANNON PRODUCTS, LTD
DWG. No. DSP-IM95-1-17		REVISION	A
SCALE: NONE		DATE 04/24/09	SH 1 OF 1

REVISION RECORD

LTR.	CHANGES	BY	DATE
NC	RELEASED. MOVED NOTES. REMOVE SH 4.	D. B.	03/08/10



1 INSTALL ITEM (84) USING SCREW ITEM (89) THROUGH ITEM (40) INTO ITEM (33), LOOSEN ITEM (89) SO ITEM (84) CAN ROTATE, SEE SHT. 2 OF 3 TO VIEW RELATIONSHIP OF ITEM (84).

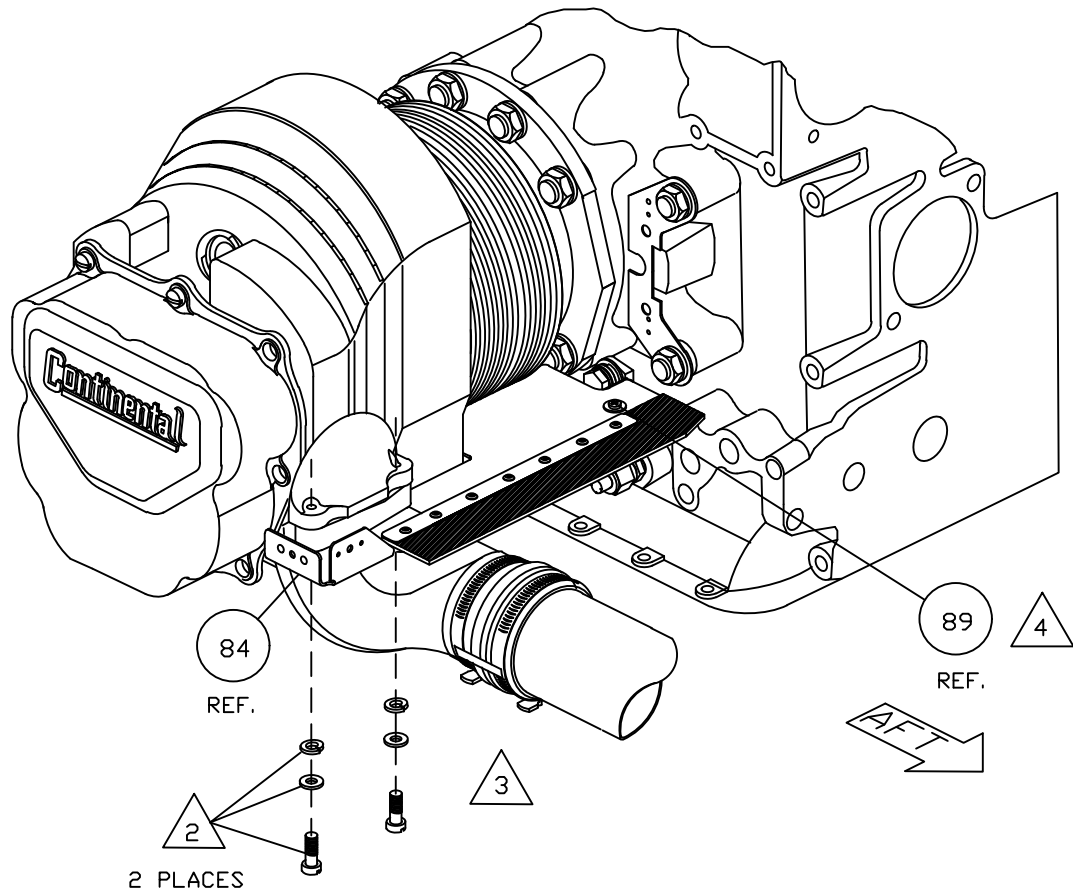
NOTES:

ITEM	QTY	PART No.	DESCRIPTION
89	2	MS35206-227	PAN HEAD MACHINE SCREW
40	1	AN960C6	FLAT WASHER
85	1	B0C-A02	#2 CYL VERTICAL HEAD BAFFLE ASSY
84	1	B0C-A01-1	#2 CYL LOWER AFT BAFFLE ASSY

NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

INSTALLATION OF REAR #2 BAFFLE

TOLERANCES		D' SHANNON PRODUCTS, LTD	
.X_.10 .XXX_.01		DWG. No. DSP-IM95-4-14A	REVISION NC
.XX_.03 .XXX_.001		SCALE: NONE	DATE 03/08/10 SH 1 OF 3
ANGLES ±5%			
UNLESS STATED			



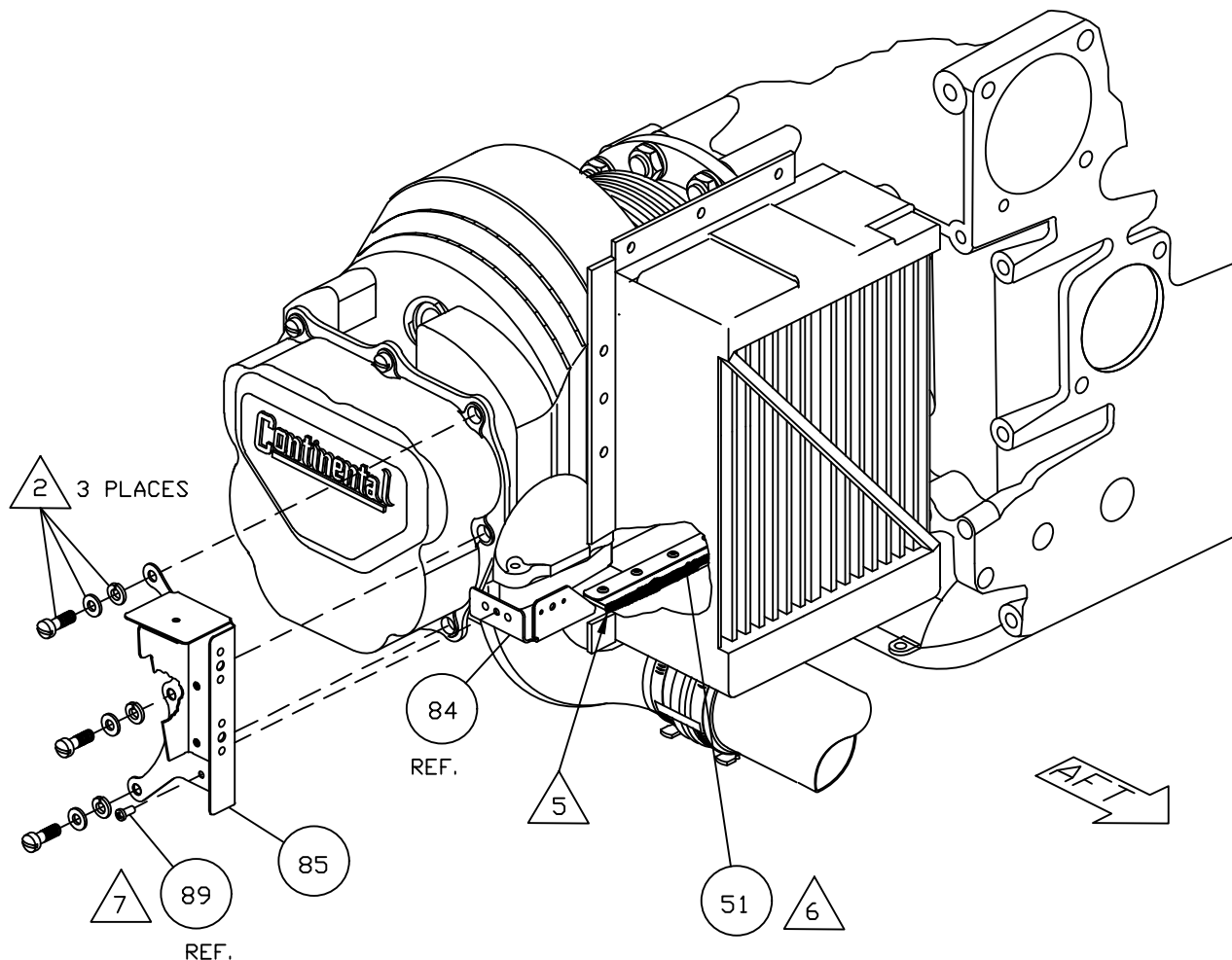
4 TIGHTEN ITEM (89).

3 INSTALL THE ORIGINAL BOLTS, WASHERS AND LOCKWASHERS INTO THE # 2 CYLINDER INTAKE BOLT HOLES. TORQUE EACH BOLT IN EVERY CYLINDER ON (BOTH SIDES) IN SEQUENCE. (REF. TO CONTINENTAL MANUAL FOR TORQUE VALUES)

2 ORIGINAL HARDWARE.

NOTES:

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION OF REAR #2 BAFFLE	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
DWG. No. DSP-IM95-4-14A		REVISION NC	
SCALE: NONE		DATE 03/08/10 SH 2 OF 3	



- 7 INSTALL ITEM (85) TO THE ROCKER COVER USING ORIGINAL HARDWARE AS SHOWN ON DWG. USING ITEM (89), SCREW THROUGH ITEM (85) INTO ITEM (84). TIGHTEN AS PER CONTINENTAL SPECIFICATIONS FOR TORQUE VALUES.
- 6 APPLY A SILICONE BEAD ITEM (51) TO THE AREA WHERE THE RUBBER EDGE OF ITEM (84) AND OIL COOLER MEET (ON THE BOTTOM, NOT ON ANY FINS OF THE OIL COOLER), APPLICATION OF SILICONE IS ALSO REQUIRED ON ANY AREA WHERE ITEM (84) MEETS WITH THE ENGINE CASE.
- 5 TRIM RUBBER TO FIT, SO THE EDGE OF THE RUBBER INSTALLED ON ITEM (84) IS AGAINST THE OIL COOLER.
- 2 ORIGINAL HARDWARE.

NOTES:

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTALLATION OF REAR #2 BAFFLE

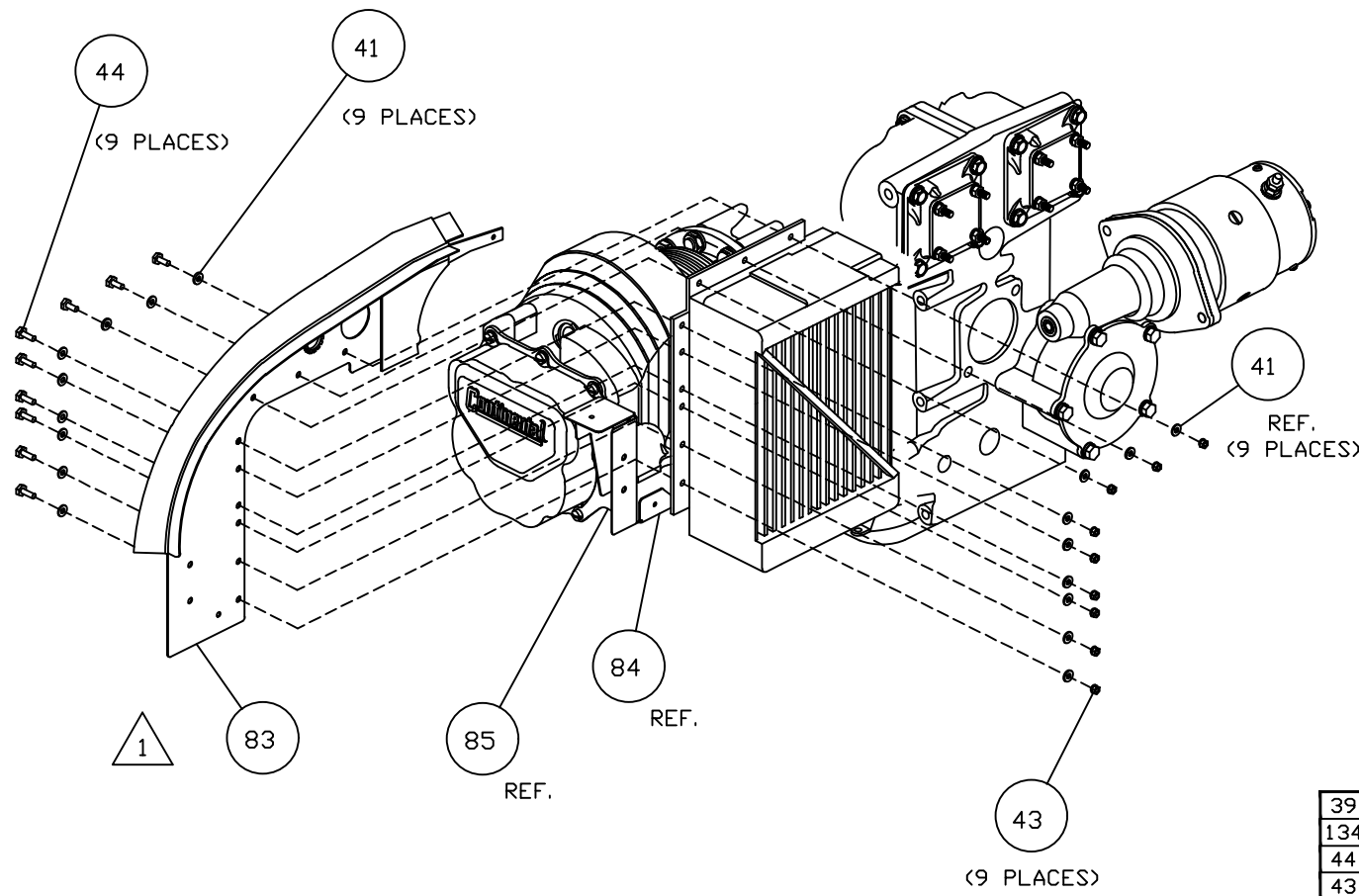
TOLERANCES  
X\_.10 .XXX\_.01  
.XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-14A REVISION NC

SCALE: NONE DATE 03/08/10 SH 3 OF 3

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED. MOVED NOTES. REMOVED SH 3.	D. B.	03/08/10



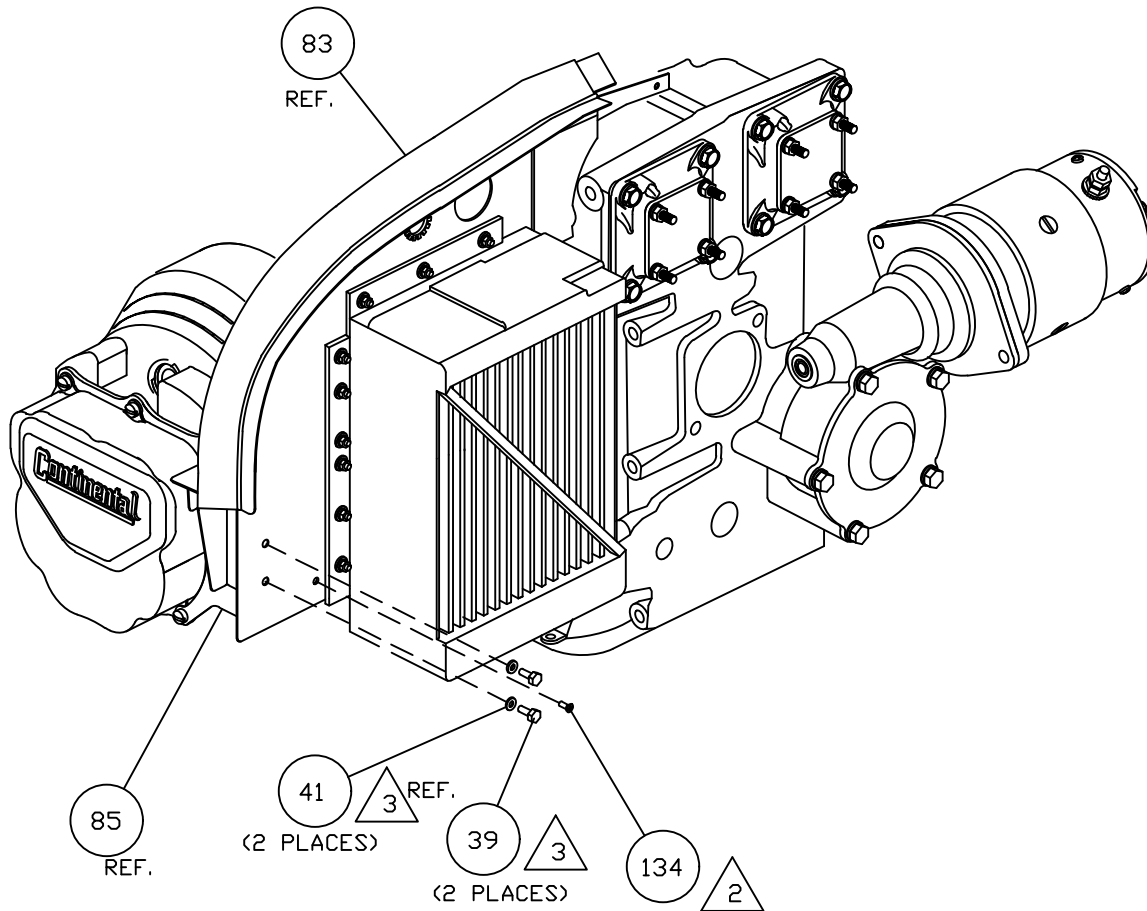
ITEM	QTY	PART No.	DESCRIPTION
39	2	AN3-3A	BOLT UNDRILLED #10-32
134	1	AN507632-R6	FLAT HEAD MACHINE SCREW
44	9	AN3-5A	BOLT UNDRILLED #10-32
43	9	MS21042-3	REDUCED DIMENSION LOCKNUT
41	20	AN960-10	FLAT WASHER
83	1	BBR-AD1-1	BAFFLE REAR LEFT ASSEMBLY

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION BAFFLE REAR LEFT	
<b>TOLERANCES</b> X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b> DWG. No. DSP-IM95-4-16 REVISION NC SCALE: NONE DATE 03/08/10 SH 1 OF 2	

△ 1 ALIGN ITEM (83) WITH OIL COOLER, HOLES ON OIL COOLER SHOULD LINE UP WITH ITEM (83). RUN ITEM (44) THROUGH ITEMS (41), (83), THE OIL COOLER,

NOTES:





△ 3 RUN ITEM (39) THROUGH ITEMS (41), (83) AND (85) TIGHTEN AS SHOWN.

△ 2 RUN ITEM (134) THROUGH ITEMS (83) AND (84) TIGHTEN AS SHOWN.

NOTES:

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTALLATION BAFFLE REAR LEFT

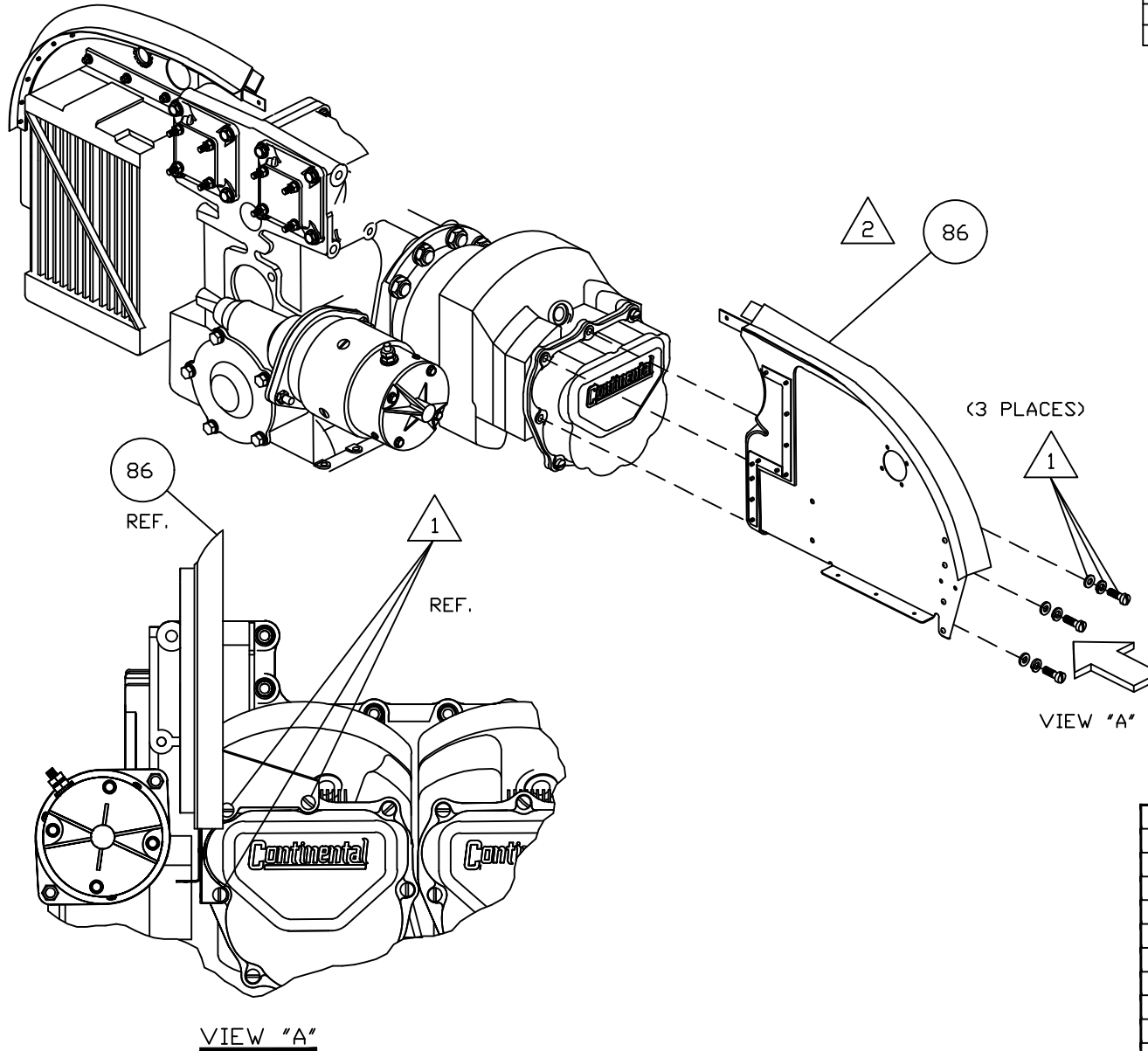
TOLERANCES  
.X\_.10 .XXX\_.01  
.XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-16	REVISION NC
SCALE: NONE	DATE 03/08/10 SH 2 OF 2

REVISION RECORD

LTR.	CHANGES	BY	DATE
NC	RELEASED. MOVED NOTES. REMOVED SH 6.	D. B.	03/08/10



VIEW "A"

2 INSTALL ITEM 86 ON ENGINE USING ORIGINAL ROCKER COVER HARDWARE AS GUIDE. SEE SHEET 1 OF 5 FOR DETAIL. TIGHTEN AS PER CONTINENTAL MANUAL FOR TORQUE VALUES.

1 ORIGINAL HARDWARE

NOTES:

89	5	MS35206-227	PAN HEAD MACHINE SCREW
43	2	MS21042-3	REDUCED DIMENSION LOCKNUT
42	4	MS21042-06	REDUCED DIMENSION LOCKNUT
41	4	AN960-10	FLAT WASHER
40	4	AN960C6	FLAT WASHER
39	2	AN3-3A	BOLT UNDRILLED #10-32
38	4	AN526C632R8	TRUSS HEAD MACHINE SCREW
86	1	BBR-A02	BAFFLE REAR RIGHT ASSEMBLY
21	1	BBR-010	STIFFENER BAFFLE REAR RIGHT
20	1	BBR-005-1	STARTER STUD BRACKET
17	1	244011Z	#1 CYL LOWER FORWARD BAFFLE ASSY
ITEM	QTY	PART No.	DESCRIPTION

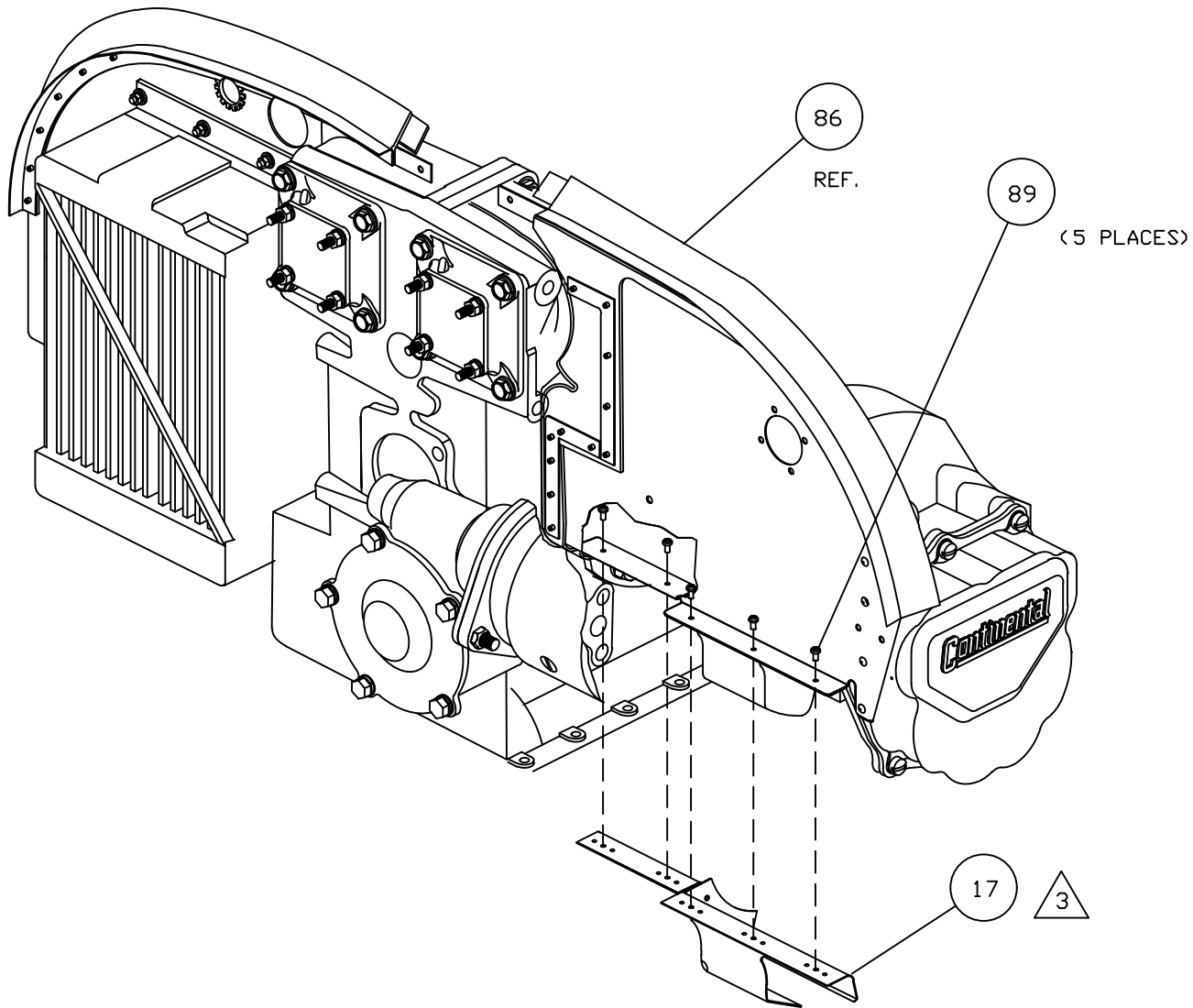
NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTALLATION BAFFLE REAR RIGHT

TOLERANCES  
.X\_.10 .XXX\_.01  
.XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-17 REVISION NC  
SCALE: NONE DATE 03/08/10 SH 1 OF 5



ALIGN ITEM (17) AS SHOWN. RUN ITEM (89) THROUGH ITEMS (86) AND (17) AND TIGHTEN.

NOTES:

NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

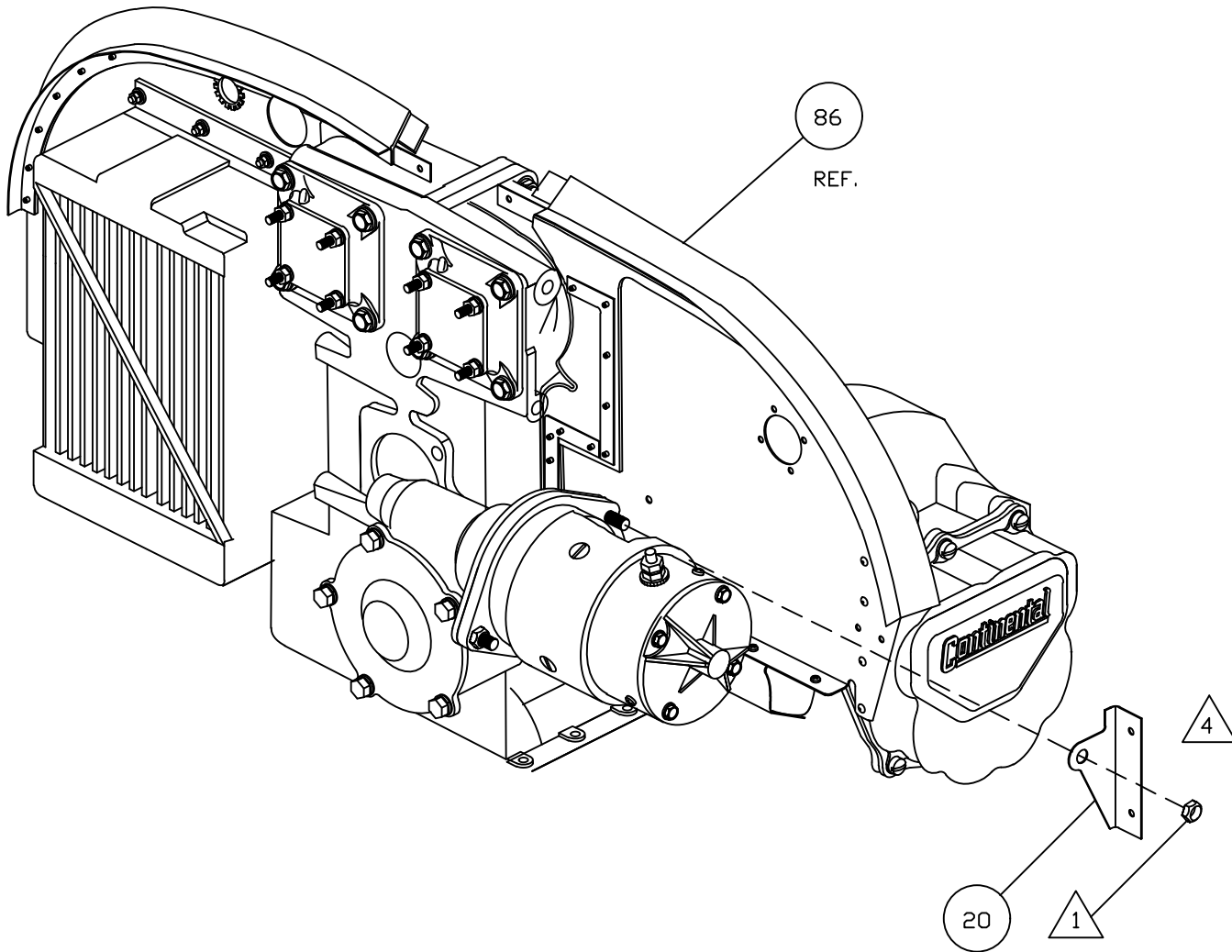
INSTALLATION BAFFLE REAR RIGHT

TOLERANCES  
 .X\_.10 .XXX\_.01  
 .XX\_.03 .XXX\_.001  
 ANGLES ±5%  
 UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-17 REVISION NC

SCALE: NONE DATE 03/08/10 SH 2 OF 5

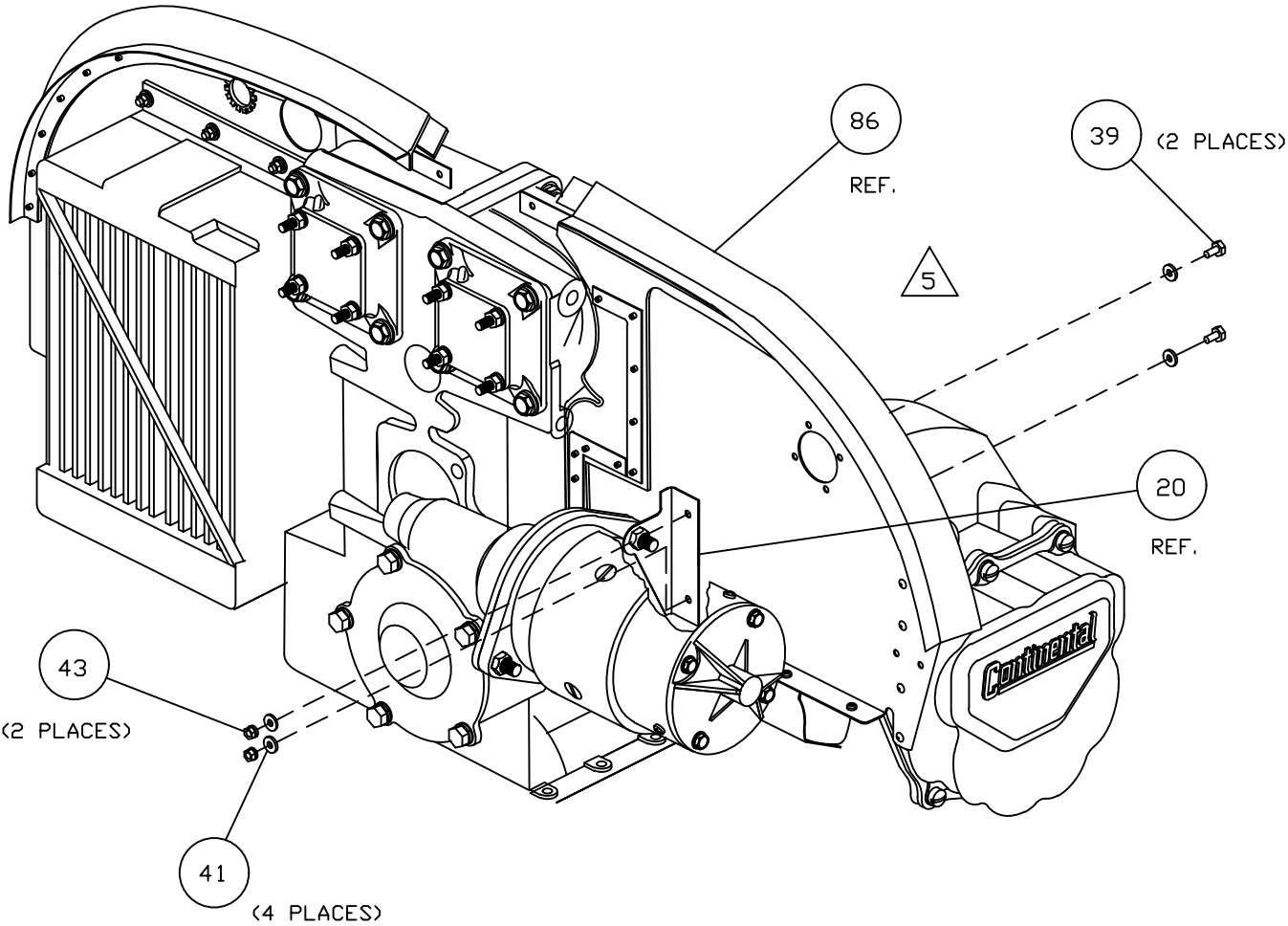


△ 4 INSTALL ITEM ②0 AS SHOWN USING ORIGINAL HARDWARE.

△ 2 INSTALL ITEM ⑧6 ON ENGINE USING ORIGINAL ROCKER COVER HARDWARE AS GUIDE. SEE SHEET 1 OF 5 FOR DETAIL. TIGHTEN AS PER CONTINENTAL MANUAL FOR TORQUE

NOTES:

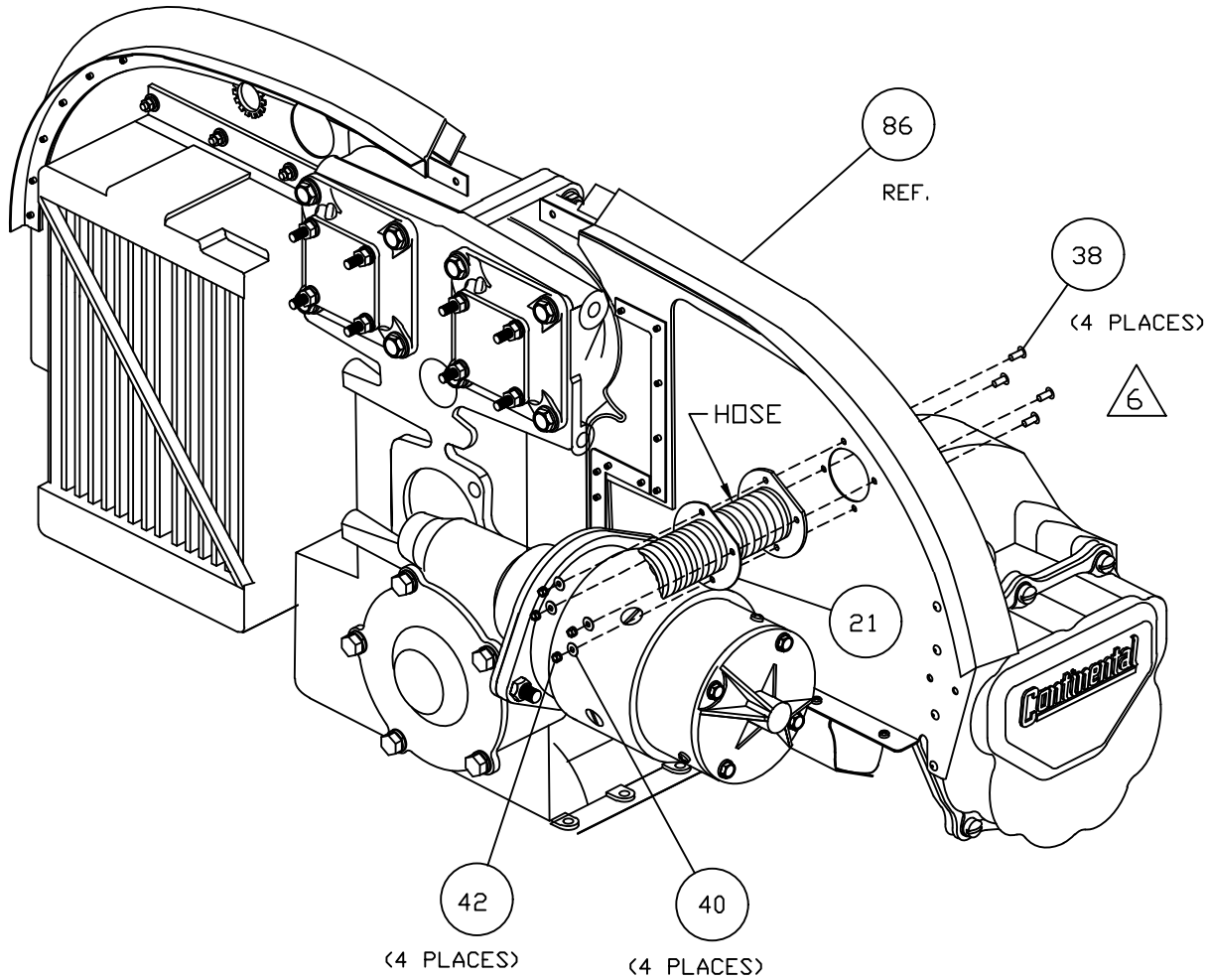
NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION BAFFLE REAR RIGHT	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
		DWG. No. DSP-IM95-4-17	REVISION NC
		SCALE: NONE	DATE 03/08/10 SH 3 OF 5



5 ALIGN HOLES ITEM 20 WITH HOLES ON ITEM 86. USE ITEMS 39, 41, 43 AND TIGHTEN.

NOTES:

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION BAFFLE REAR RIGHT	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
DWG. No. DSP-IM95-4-17		REVISION NC	
SCALE: NONE		DATE 03/08/10 SH 4 OF 5	



6

ALIGN HOLES ITEM 86 WITH HOLES ON ITEM 21 AND HOSE AS SHOWN ON DRAWING.  
USE ITEMS 38, 40, 42 AND TIGHTEN.

NOTES:

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTALLATION BAFFLE REAR RIGHT

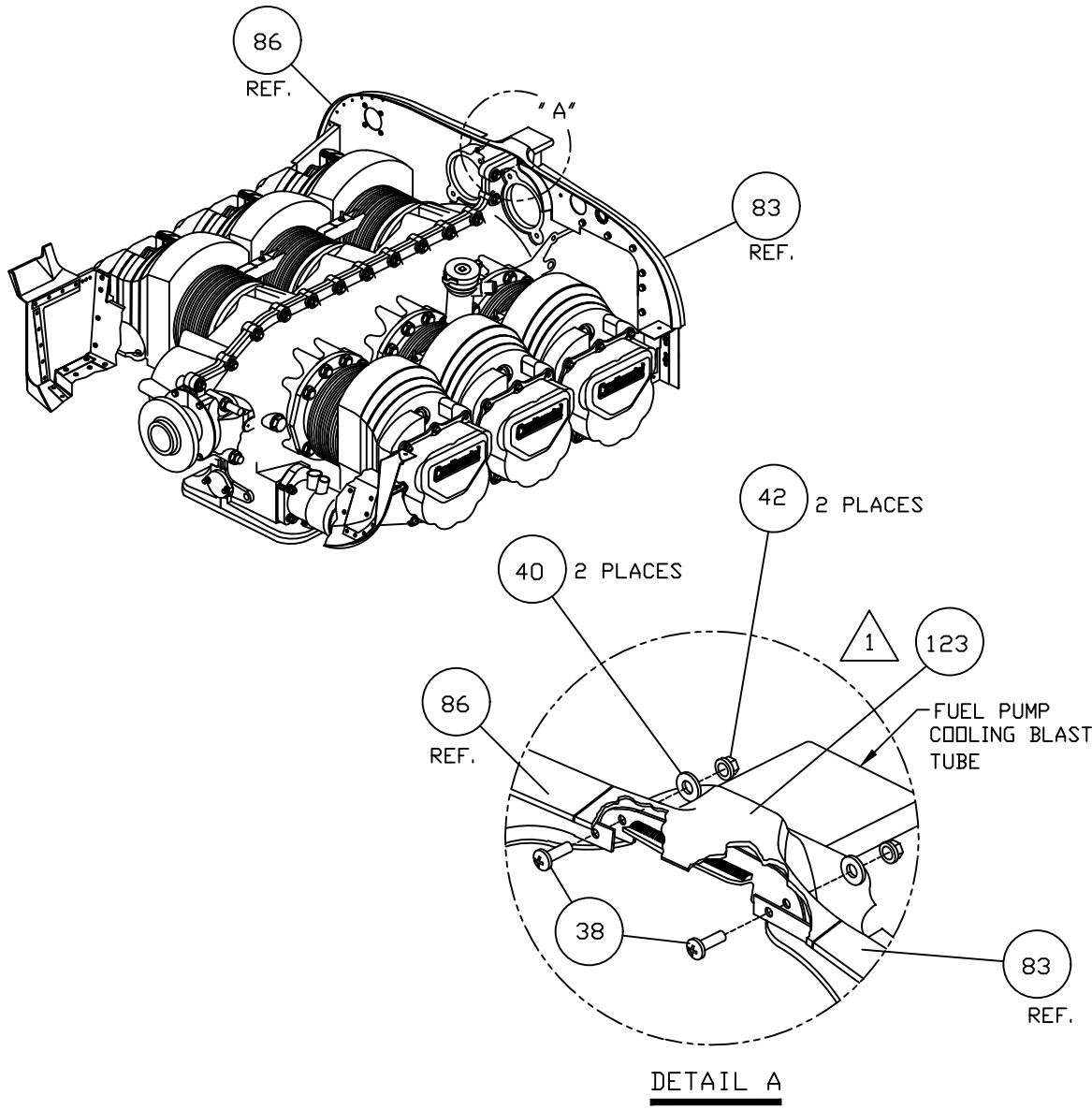
TOLERANCES  
.X\_.10 .XXX\_.01  
.XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

*D' SHANNON PRODUCTS, LTD*

DWG. No. DSP-IM95-4-17 REVISION NC  
SCALE: NONE DATE 03/08/10 SH 5 OF 5

REVISION RECORD

LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10



42	2	MS21042-06	REDUCED DIMENSION LOCKNUT
40	2	AN960C6	FLAT WASHER
38	2	AN526C632R8	TRUSS HEAD MACHINE SCREW
123	1	BRG-006-2	GASKET BAFFLE REAR CENTER
ITEM	QTY	PART No.	DESCRIPTION

NEXT ASSY:  
 DRAWN BY: D. B.  
 ENGINEER: D. BRAUN  
 CHECKED BY: D. B.

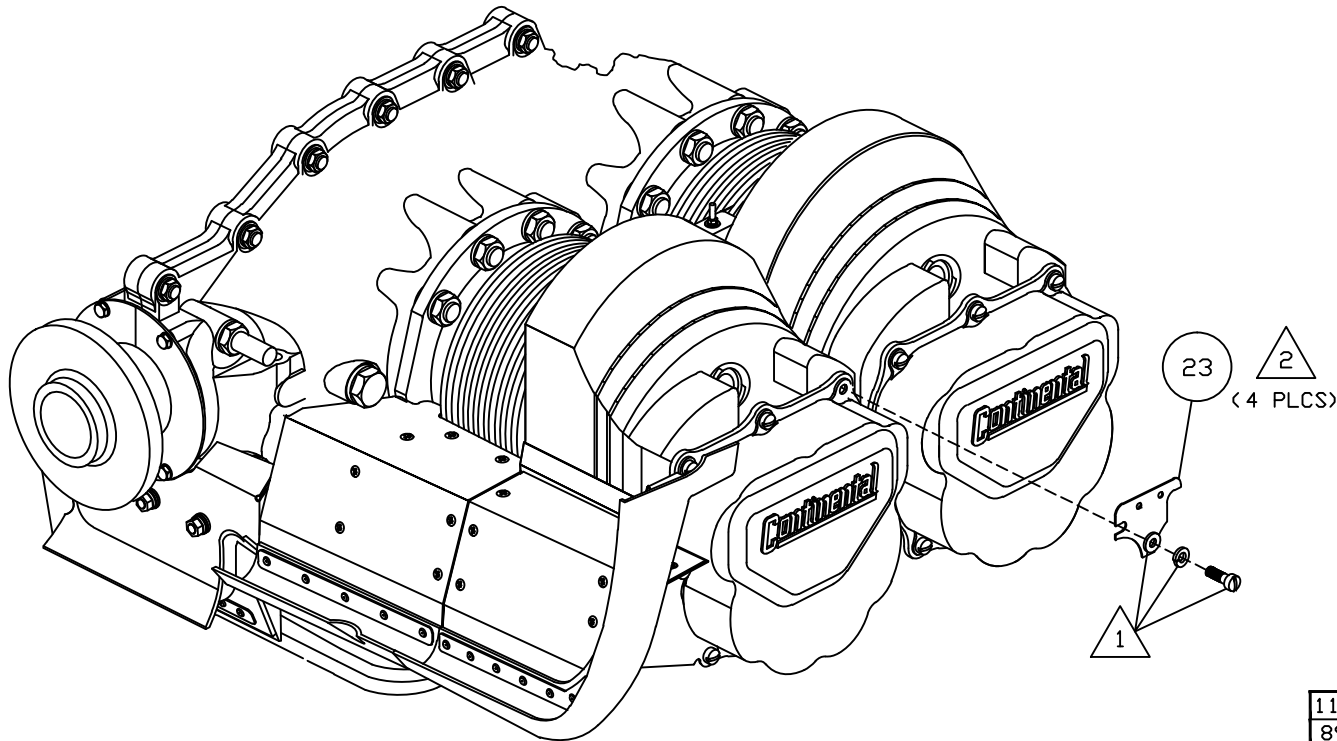
INSTL GASKET BAFFLE REAR CENTER

TOLERANCES		<i>D' SHANNON PRODUCTS, LTD</i>	
.X_.10 .XXX_.01	DWG. No. DSP-IM95-4-18C		
.XX_.03 .XXX_.001	REVISION	NC	
ANGLES ±5%	SCALE: NONE	DATE 10/31/10	SH 1 OF 1
UNLESS STATED			

△ 1 ATTACH ITEM 123 WITH ITEMS 86 AND 83. USE ITEMS 38, 40 AND 42 AND TIGHTEN.

NOTES:

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	D. B.	10/31/10



TYP. INSTALLATION  
( 4 PLACES )

2 REMOVE MAGNETO WIRE SUPPORTS FROM THE CYLINDERS AND INSTALL ITEM 23 USING ORIGINAL HARDWARE.

1 ORIGINAL HARDWARE (FOR TORQUE VALUES SEE BEECHCRAFT MANUAL).

NOTES:

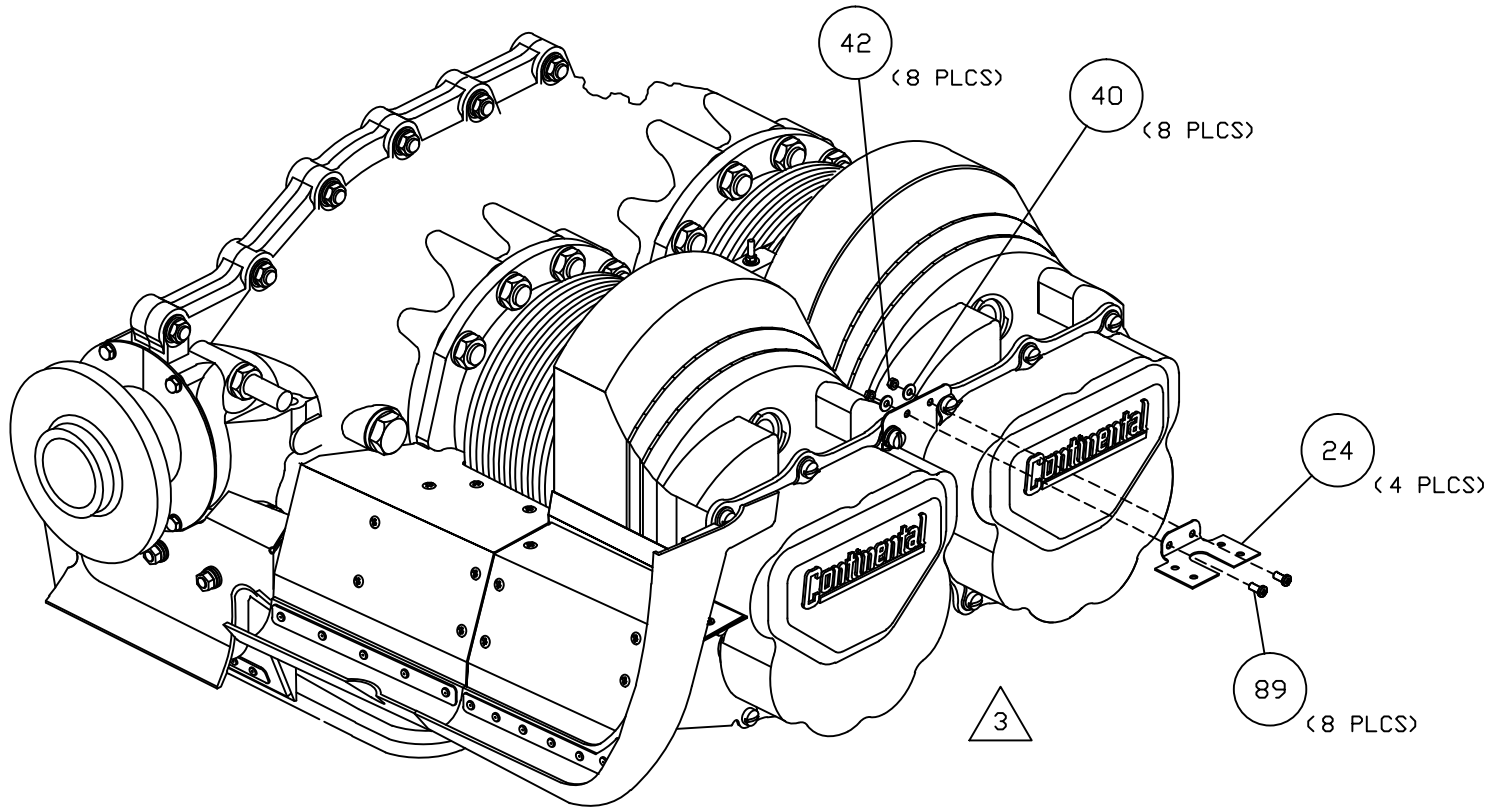
112	1	BS-A01-A	BAFFLE SIDE RIGHT ASSEMBLY
89	29	MS35206-227	PAN HEAD MACHINE SCREW
51	AR	GE SILICONE II	SILICONE SEALANT
48	4	AN931-4-7	ELASTIC GROMMET
42	26	MS21042-06	REDUCED DIMENSION LOCKNUT
40	27	AN960C6	FLAT WASHER
26	1	BS-A02	BAFFLE SIDE LEFT ASSEMBLY
24	4	244047	BRACKET BAFFLE SIDE
23	4	244045	BRACKET BAFFLE SIDE
ITEM	QTY	PART No.	DESCRIPTION

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTALLATION OF SIDE BAFFLES

TOLERANCES		D' SHANNON PRODUCTS, LTD	
X_.10 .XXX_.01		DWG. No. DSP-IM95-4-19C	REVISION NC
XX_.03 .XXX_.001		SCALE: NONE	DATE 10/31/10 SH 1 OF 5
ANGLES ±5%			
UNLESS STATED			



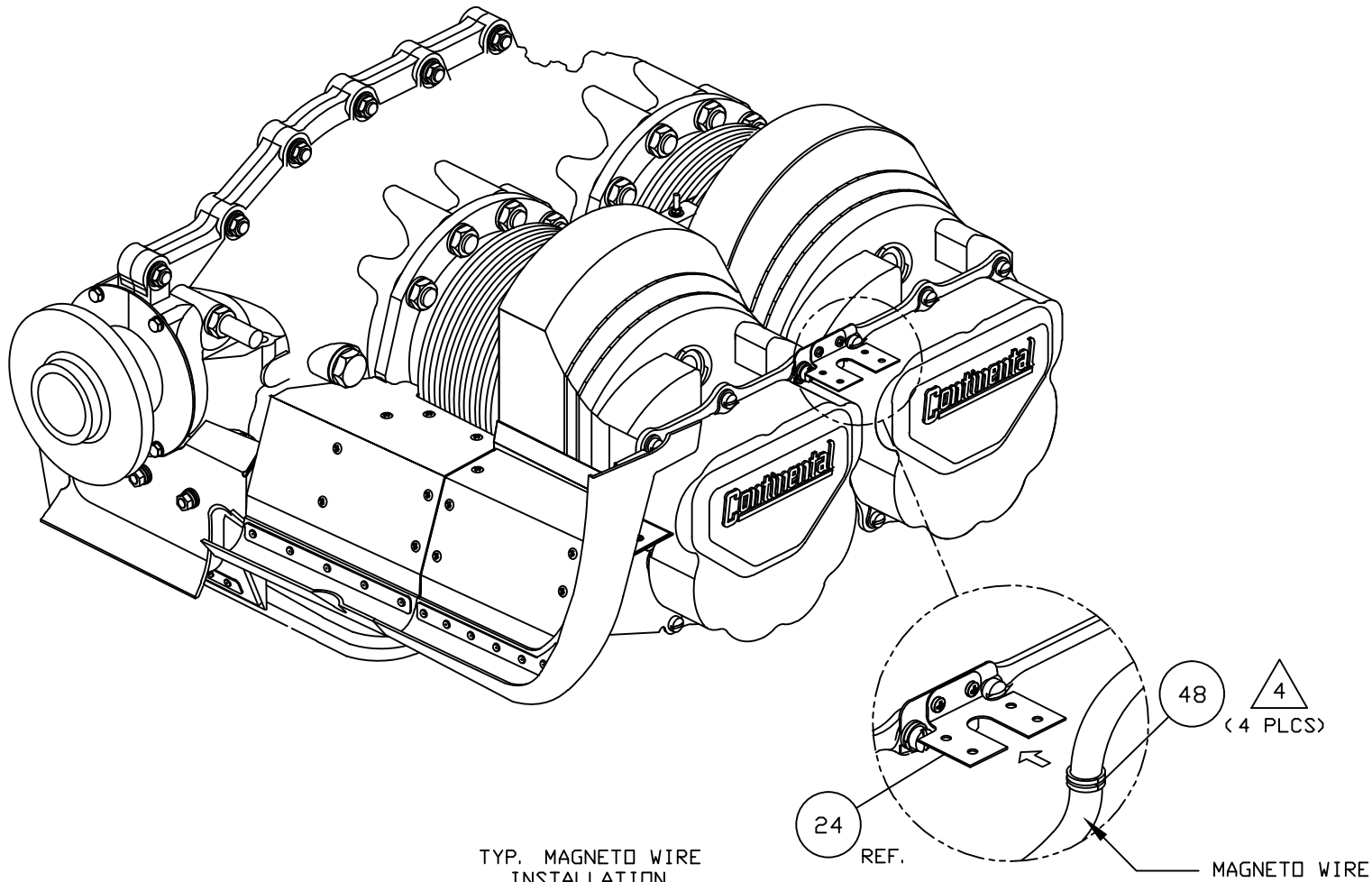


TYP. INSTALLATION  
( 4 PLACES )

3 INSTALL ITEM 24 USING ITEMS 40, 42 AND 89 AS SHOWN ON DRAWING.

NOTES:

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION OF SIDE BAFFLES	
<u>TOLERANCES</u> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
		DWG. No. DSP-IM95-4-19C	REVISION NC
		SCALE: NONE	DATE 10/31/10 SH 2 OF 5



TYP. MAGNETO WIRE  
INSTALLATION

( 4 PLACES )

4

ALL NEW ELASTIC GROMMETS ITEM (48) MUST BE INSTALLED IN THE MAGNETO WIRE SLOTS IN THE SUPPORT BRACKETS.

NOTES:

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

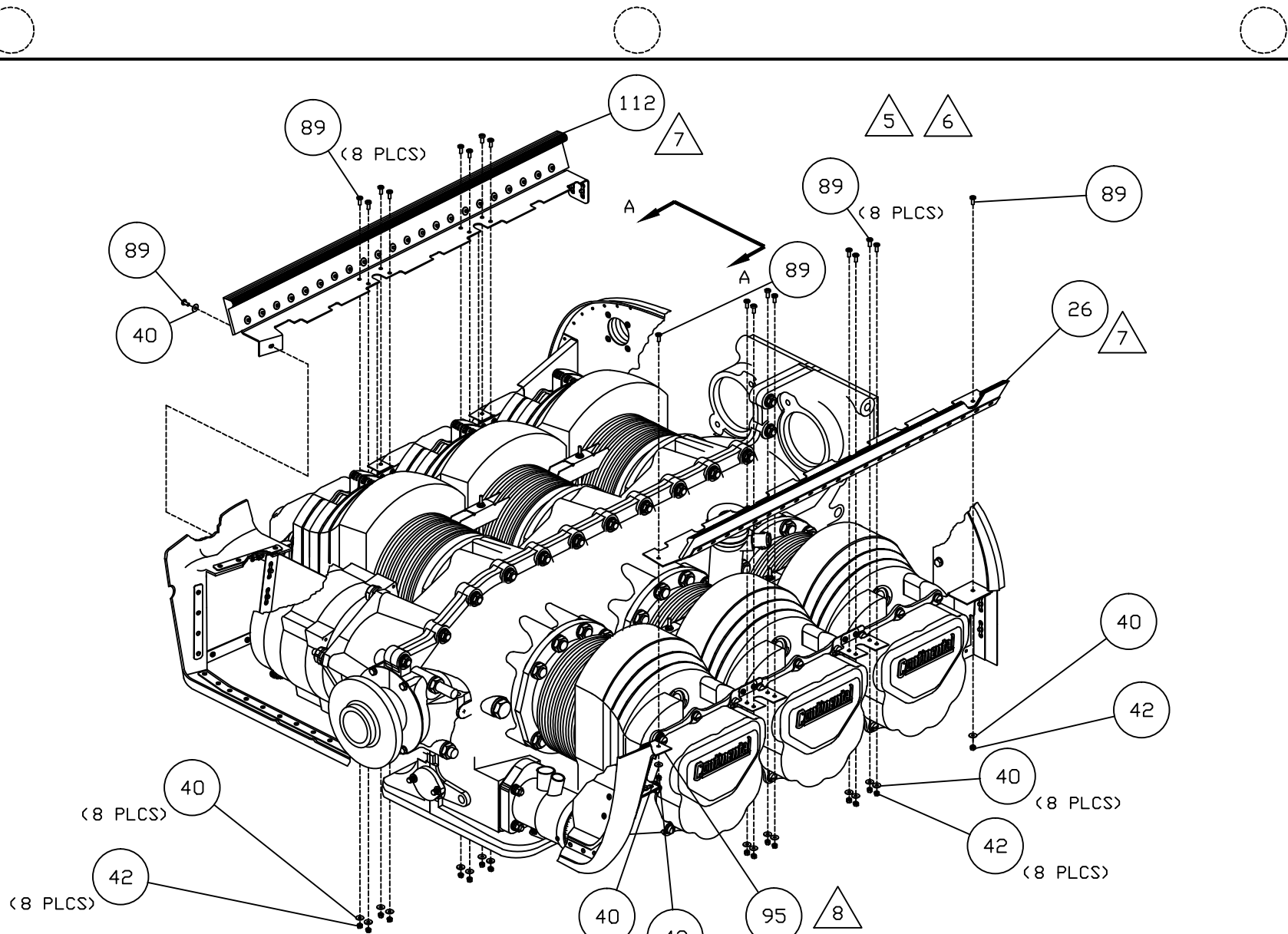
TOLERANCES  
X\_.10 .XXX\_.01  
XX\_.03 .XXX\_.001  
ANGLES ±5%  
UNLESS STATED

INSTALLATION OF SIDE BAFFLES

D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-19C REVISION NC

SCALE: NONE DATE 10/31/10 SH 3 OF 5



△ 8 PIERCE THROUGH ITEM (26) TO ITEM (95) (USE 5/32 DRILL). ITEM (95) IS REFERENCED ON DWG. DSP-IM95-4-9A.

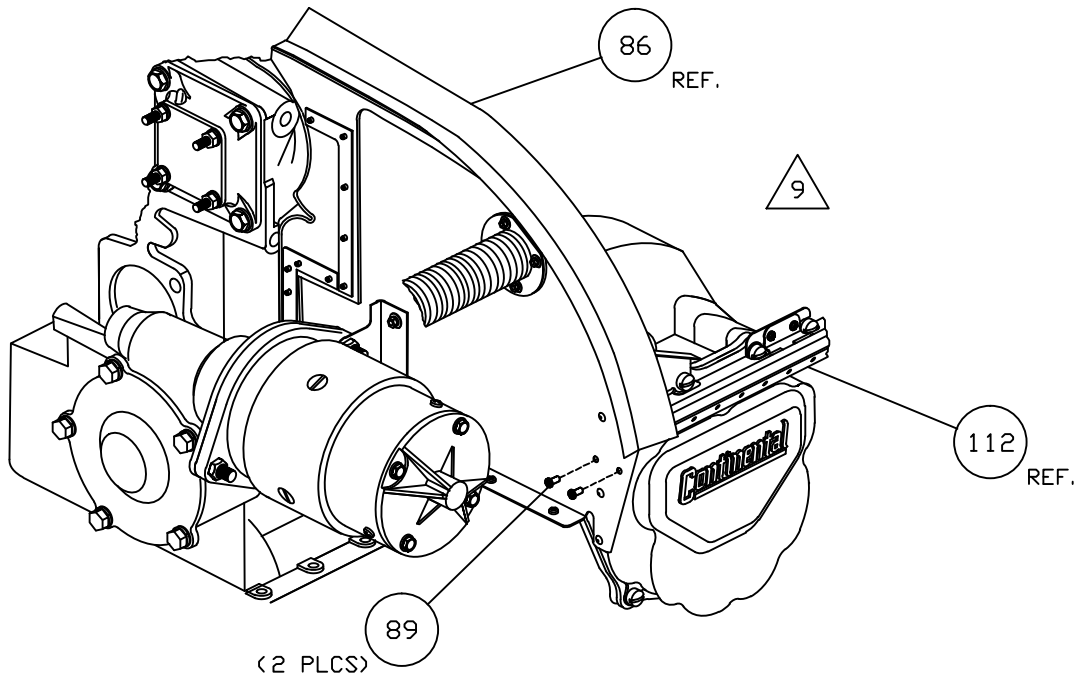
△ 7 ALL REMAINING GAPS AND OPENINGS SHOULD BE SEALED WITH CLEAR SILICONE ITEM (51) (-65°F TO +400°F) OR EQUIVALENT.

△ 6 TIGHTEN SNUGLY AND BACK-OFF 1/4 TURN TO ALLOW FOR EXPANSION.

△ 5 AS NOTED THE LEFT-HAND IS THE ITEM (26), RIGHT -HAND IS ITEM (112). ATTACH SIDE BAFFLE ASSEMBLY TO SUPPORT BRACKETS USING ITEM (89) SCREWS, THROUGH ITEMS (40) AND (42).

NOTES:

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION OF SIDE BAFFLES	
<b>TOLERANCES</b> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
DWG. No. DSP-IM95-4-19C		REVISION	NC
SCALE: NONE	DATE 10/31/10	SH	4 OF 5



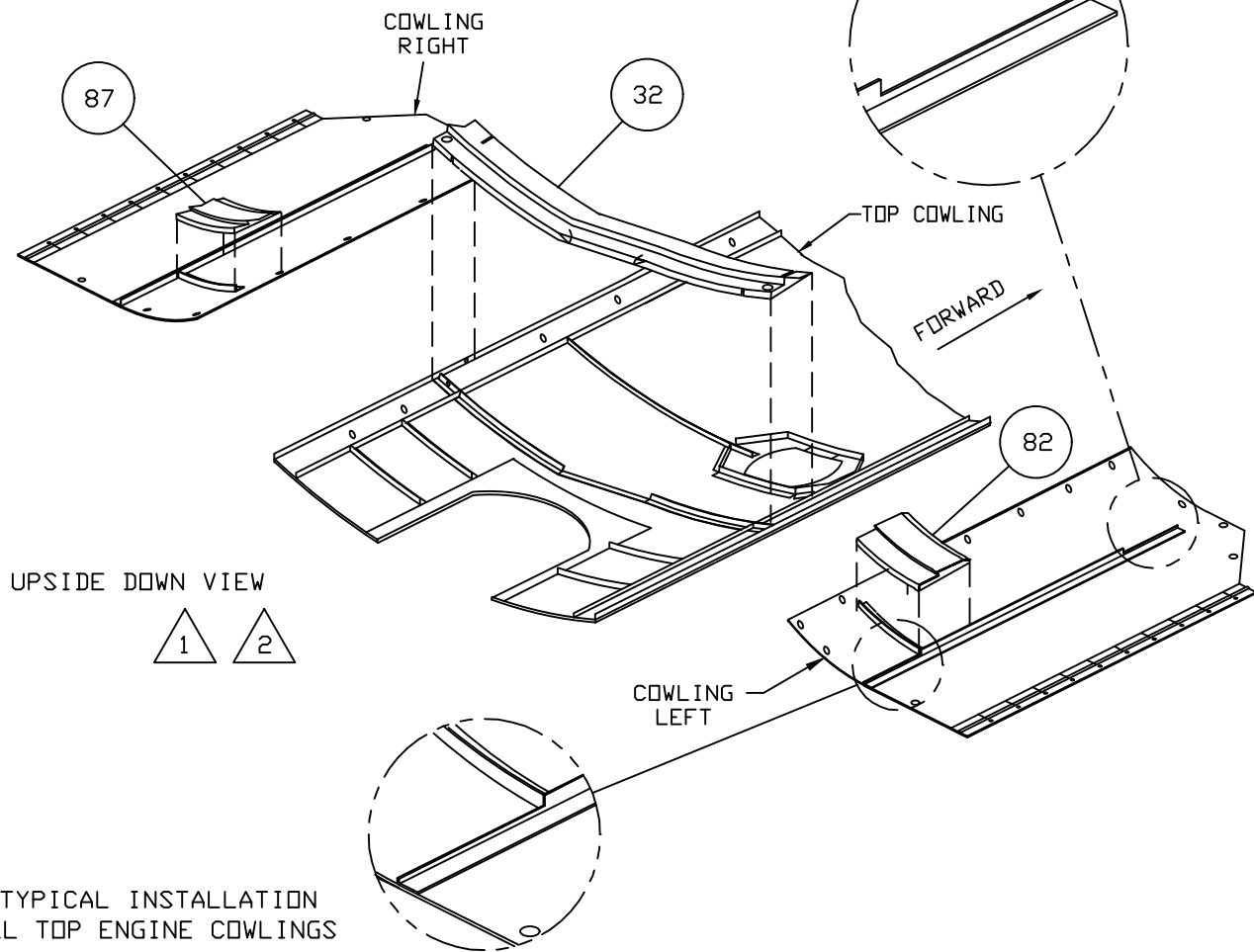
VIEW A-A  
COMES FROM SHEET 4

ITEM (86) IS REFERENCED ON DWG. DSP-IM95-4-17.

NOTES: 9 RUN ITEM (89) THROUGH ITEMS (86) AND (112) AND TIGHTEN.

NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTALLATION OF SIDE BAFFLES	
<u>TOLERANCES</u> X_.10 .XXX_.01 XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<i>D' SHANNON PRODUCTS, LTD</i>	
		DWG. No. DSP-IM95-4-19C	REVISION NC
		SCALE: NONE	DATE 10/31/10 SH 5 OF 5



REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED. MOVED NOTES. REMOVE SH 4.	D. B.	03/08/10



UPSIDE DOWN VIEW

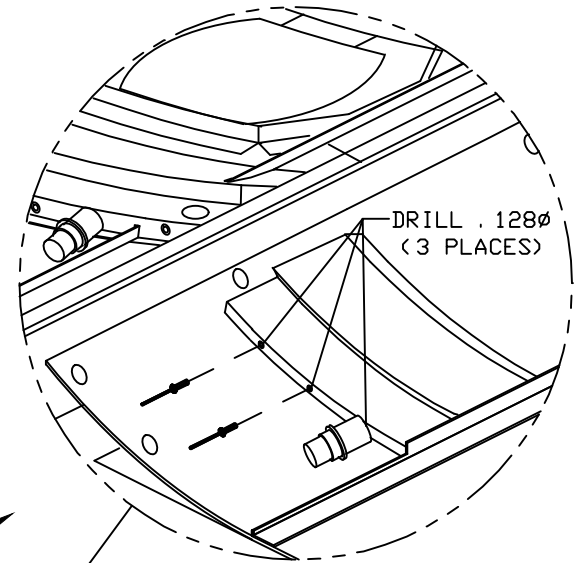
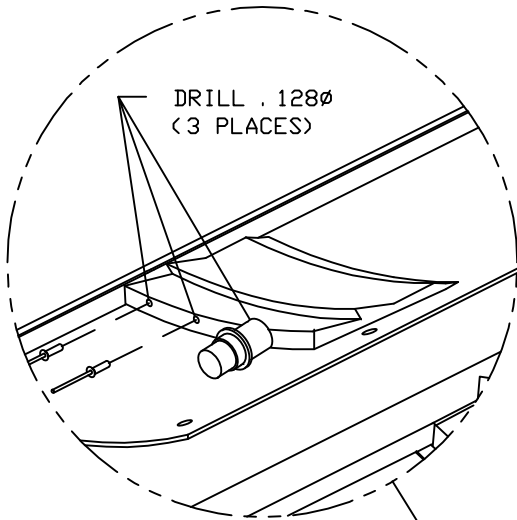


TYPICAL INSTALLATION  
ALL TOP ENGINE COWLINGS

- 
 APPLY SILICON TO ALL GAPS AND CRACKS AS NECESSARY; PRIOR TO INSTALLATION APPLY SEALANT ITEM (50) ON ALL CONTACT SURFACES BETWEEN ITEMS (32), (82), (87) AND COWLINGS
  
- 
 REMOVE OLD ENGINE SEALS FROM SIDE DOORS BY CUTTING THE SECURING STAPLES AWAY WITH A DIE GRINDER CUTOFF WHEEL. IT MAY BE NECESSARY TO TRIM EXCESS MATERIAL TO PREVENT THE SEALS FROM WEARING ON NEW SEAL PLATES. THE SAME MUST BE DONE WITH THE TOP COWLING TO ACCOMMODATE THE NEW COWLING SEAL PLATES AS SHOWN IN THE INSTALLATION MANUAL DRAWINGS.

NOTES:

51	A. R.	G.E. SILICONE II	SILICONE
50	A. R.	CS3204 B2	SEALANT (OR EQUIV.)
46	18	AD44H	PDP RIVET
87	1	BCP-003	COWLING PLATE RIGHT
82	1	BCP-002	COWLING PLATE LEFT
32	1	BCP-001	COWLING PLATE MAIN
ITEM	QTY	PART No.	DESCRIPTION
NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.			INSTL OF BAFFLE COWLING PLATES
TOLERANCES X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED			<b>D' SHANNON PRODUCTS, LTD</b> DWG. No. DSP-IM95-4-20 REVISION NC SCALE: NONE DATE 03/08/10 SH 1 OF 3



REF. 87

FORWARD

32  
REF.

46  
REF.  
(3 PLACES)

UPSIDE DOWN VIEW

46 REF.  
REF.  
(12 PLACES)

46 REF.  
(3 PLACES)

82 REF.

TYPICAL INSTALLATION  
ALL TOP ENGINE COWLINGS

NEXT ASSY:  
DRAWN BY: D. B.  
ENGINEER: D. BRAUN  
CHECKED BY: D. B.

INSTL OF BAFFLE COWLING PLATES

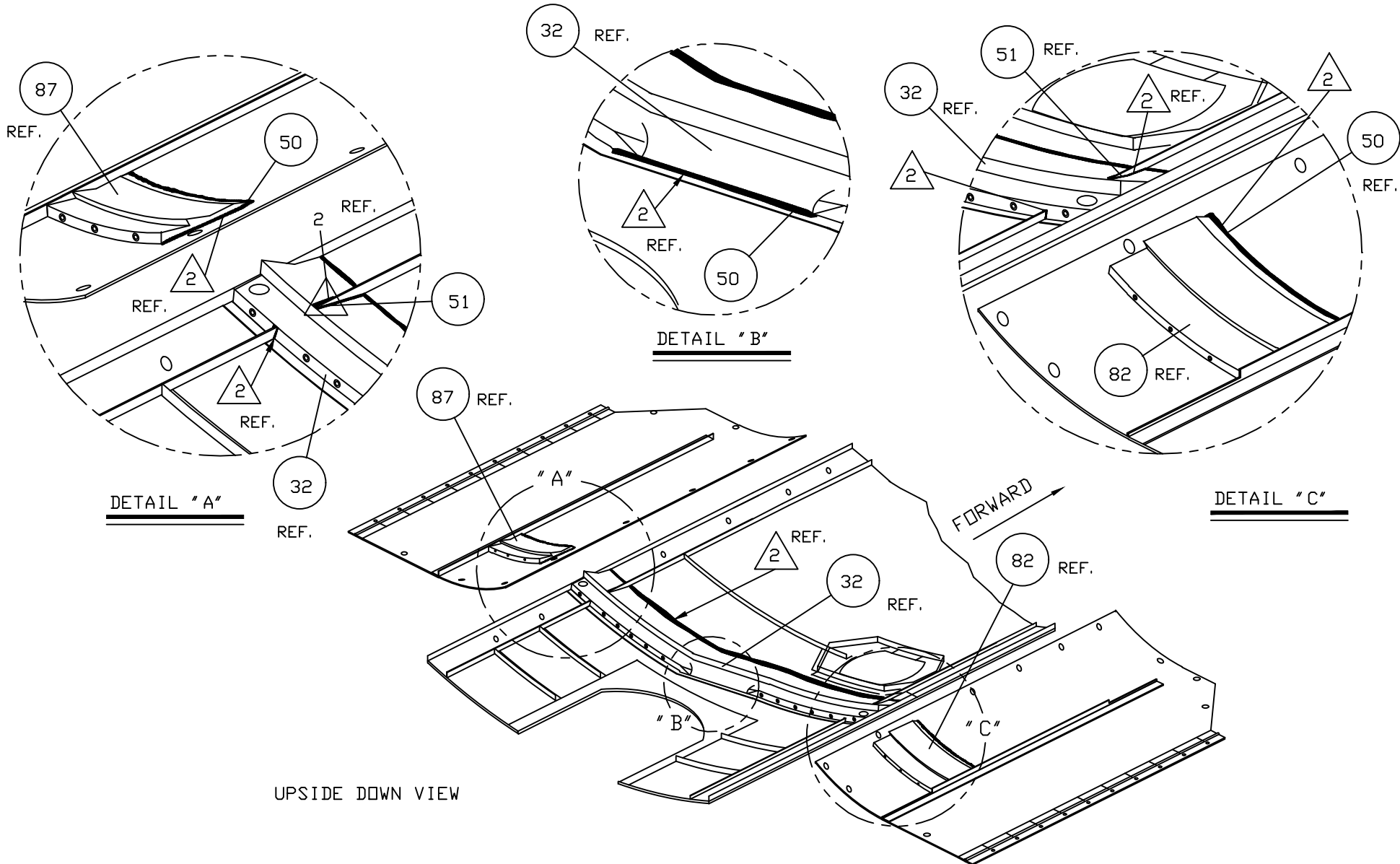
TOLERANCES  
.X\_.10 .XXX\_.01  
.XX\_.03 .XXXX\_.001  
ANGLES ±5%  
UNLESS STATED

D' SHANNON PRODUCTS, LTD

DWG. No. DSP-IM95-4-20 REVISION NC

SCALE: NONE DATE 03/08/10 SH 2 OF 3

NOTES:








DETAIL "A"

DETAIL "B"

DETAIL "C"

UPSIDE DOWN VIEW

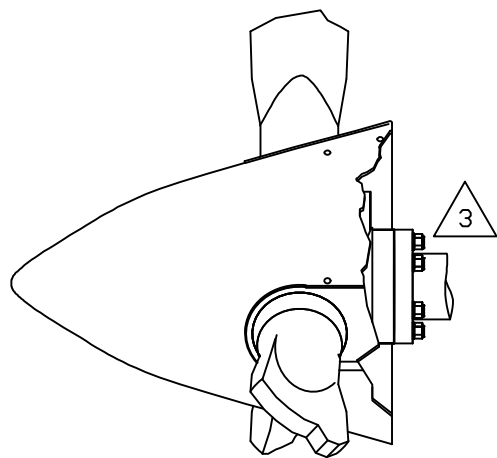
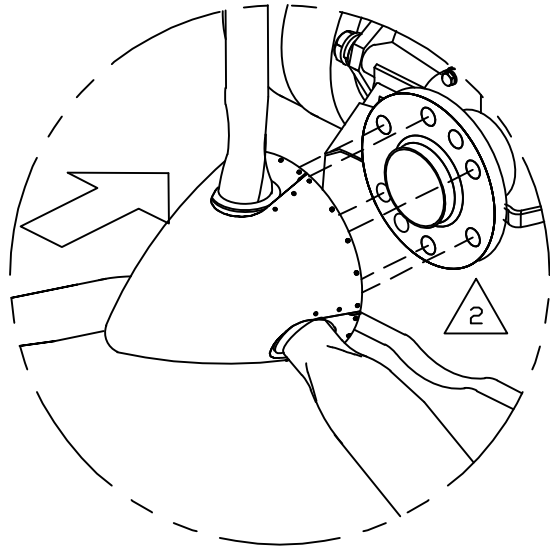
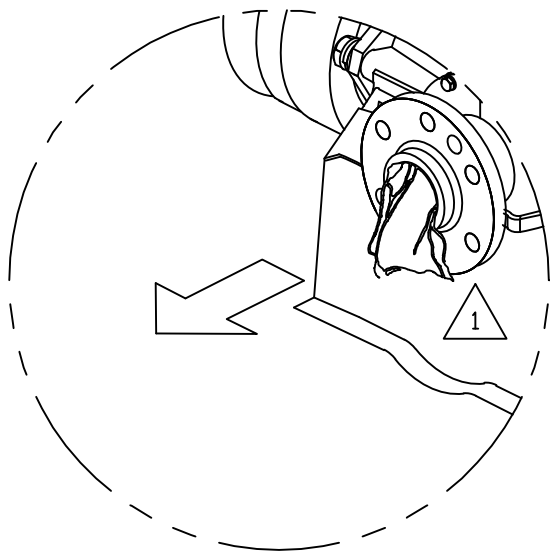
TYPICAL INSTALLATION  
ALL TOP ENGINE COWLINGS


 APPLY SILICON TO ALL GAPS AND CRACKS AS NECESSARY; PRIOR TO INSTALLATION APPLY SEALANT ITEM  ON ALL CONTACT SURFACES BETWEEN ITEMS , ,  AND COWLINGS


NOTES:


NEXT ASSY: DRAWN BY: D. B. ENGINEER: D. BRAUN CHECKED BY: D. B.		INSTL OF BAFFLE COWLING PLATES	
<b>TOLERANCES</b> X_.10 .XXX_.01 .XX_.03 .XXX_.001 ANGLES ±5% UNLESS STATED		<b>D' SHANNON PRODUCTS, LTD</b>	
DWG. No. DSP-IM95-4-20		REVISION NC	
SCALE: NONE		DATE 03/08/10 SH 3 OF 3	

REVISION RECORD			
LTR.	CHANGES	BY	DATE
NC	RELEASED	K. S.	04/24/09
A	MOVED NOTES. REMOVE SH 2.	D. B.	03/08/10



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TIGHTEN AND TORQUE AS PER PROP MANUFACTURE'S TORQUE VALUES. AND IF REQUIRED INSTALL SAFETY WIRE IN ACCORDANCE WITH AC-43.13 .
- 

REINSTALL THE PROPELLER AFTER INSTALLATION OF THE BAFFLES. ASSURE THAT THE ENGINE HAS #1 CYLINDER ON COMPRESSION AND #1 BLADE UP/ WHEN REQUIRED BY MANUFACTURER'S INSTRUCTIONS.
- 

WARNING : REMOVE ANY RAG OR CAP FROM THE PROPELLER SHAFT IN THE FRONT OF THE ENGINE

NOTES:

ITEM	QTY	PART No.	
NEXT ASSY:		INSTALLATION OF PROPELLER	
DRAWN BY: K. R. S.			
ENGINEER: D. BRAUN			
CHECKED BY: D. B.			
<u>TOLERANCES</u>		<i>D' SHANNON PRODUCTS, LTD</i>	
.X_.10 .XXX_.01			
.XX_.03 .XXX_.001		DWG. No. DSP-IM95-1-27 REVISION A	
ANGLES ±5%		SCALE: NONE DATE 04/24/09 SH 1 OF 1	
UNLESS STATED			