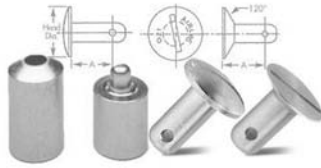


# A-SPEC FASTENERS

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A-LOC Fasteners are common on Beechcraft air-planes and latches on many cowlings. The design consists of a simple stud with a pin pressed in the shank. The pin must be installed after the stud is

installed and removed prior to removing the stud. Some panel applications for #2, #5, and #7 studs may use a wear grommet. Unlike a ZLoc Fastener, this grommet probably does not require replacement when replacing studs. A-LOC Fasteners are made in various stud blank lengths and this length is indicated by the 1st Dash#. Each length can have up to 10 2nd Dash#, or grip sizes. The 2nd Dash# indicates the maximum grip range in .010 increments. Note that the A-LOC design has the least grip range of all 1/4 turn fasteners. Skybolt primarily stocks certain sizes in Stainless Steel for replacement purposes only. Pin Installation Tools are expensive and hard to obtain. To remove an A-LOC Stud, clip or die grind the pin enough to remove. Modify a standard pair of Vise Grip Pliers with a die grinder by grinding a slot in one jaw to provide relief when the pin is pressed through the stud.

MS P/N	Our P/N	Size/Head Style	Grip	"A"	Total Length	Price
112060-1-060	04-00931	#2 Flush	.051-.060	.200	.359	<b>\$4.35</b>
112060-1-080	04-00933	#2 Flush	.071-.080	.220	.359	<b>\$4.35</b>
112060-1-090	04-00934	#2 Flush	.081-.090	.230	.359	<b>\$3.75</b>
294186-1-080	04-00936	#5 Flush	.071-.080	.267	.500	<b>\$4.60</b>
294186-1-100	04-00937	#5 Flush	.091-.100	.287	.500	<b>\$4.35</b>
294186-2-180	04-00938	#5 Flush	.171-.180	.367	.609	<b>\$4.35</b>
294186-2-190	04-00939	#5 Flush	.181-.190	.377	.609	<b>\$3.65</b>
294186-2-200	04-00940	#5 Flush	.191-.200	.387	.609	<b>\$4.35</b>
294186-2-210	04-00941	#5 Flush	.201-.210	.397	.609	<b>\$4.20</b>
294186-2-230	04-00942	#5 Flush	.220-.230	.417	.609	<b>\$3.55</b>
294186-2-240	04-00943	#5 Flush	.231-.240	.427	.609	<b>\$4.35</b>
294186-2-250	04-00944	#5 Flush	.241-.250	.437	.609	<b>\$4.35</b>
294290-1-080	04-00945	#5 Round	.071-.080	.267	.500	<b>\$4.35</b>
294290-1-090	04-00946	#5 Round	.081-.090	.277	.500	<b>\$3.60</b>
294290-2-170	04-00947	#5 Round	.161-.170	.357	.609	<b>\$3.95</b>



## A-SPEC PINS

Series	Description	Part No.	Price
#2	99785-2 Steel	04-01071	<b>\$0.88</b>
#2	293274 Stainless	04-01072	<b>\$0.82</b>
#5	294185 Stainless	04-01074	<b>\$0.75</b>



## A-SPEC RECEPTACLES (SOLID RECEPTACLE)

Series	Rivet Spacing	Solid Rec. Plain	Price ea.	Solid Rec. Countersink	Our Part No.	Price ea.
#2	3/4"	99871-P098	Call	99871-C098	04-00951	<b>\$6.95</b>
		99833-P098	Call	99833-C098	---	Call
#5	1"	99833-P130	Call	99833-C130	---	Call

## A-SPEC RECEPTACLES (FLOATING RECEPTACLE)

Series	Rivet Spacing	Float. Rec. Plain	Our Part No.	Price ea.	Float. Rec. Countersink	Our Part No.	Price ea.
#2	3/4"	--	--	Call	99967-C098	--	Call
#5	1"	99947-P098	04-00954	<b>\$5.25</b>	99947-C098	04-00956	<b>\$8.95</b>
		99947-P130	04-00955	<b>\$2.40</b>	99947-C130	--	Call



## A-SPEC GROMMETS

May not require replacement when installing new studs.

Series	Panel Thick.	Flush Head	Part No.	Price
#2	up to .040	295846-1	04-00962	<b>\$3.70</b>
	.041-.080	295846-2	04-00963	<b>\$3.80</b>
#5	.041-.121	295250-2	04-00964	<b>\$3.70</b>
	.122-.201	295250-5	04-00965	<b>\$2.50</b>

## FLARING TOOLS FOR A-SPEC GROMMETS

These tools are required for replacing any A-LOCK grommet.

MS P/N	Our P/N	Type	Price
MS29693/29695	04-00959	#2 Flush	<b>\$33.50</b>
MS9529/29667	04-00960	#5 Flush	<b>\$29.95</b>
MS9529/29770	04-00961	#5 Round	<b>\$29.95</b>

## BEECH BONANZA COWLING FASTENER CONVERSION KITS



STC approved cowling fastener upgrade kit for B33 and B35 aircraft. Kit is stainless steel and uses MilSpec's exclusive adjustable depth receptacles for an easy, yet very precise fit. The finish on this fastener is bright and shiny. Complete, easy to follow instructions and STC copy included with kit.

Note: Two tools are required for the 40 series kits (Camloc Pliers and 4002 Series Snap Ring Tool). One tool is required for the 28 series kits (2600-LW Lockwasher Tool).

Beech Kit No.	Model	Serial No.	Description	Price
04-00966	33	CD1-350	Gill conversion 2700 series	<b>\$196.95</b>
		D1-6567	Slotted head (looks original)	
04-00967	33	CD1-350	Gill conversion 27S3 series	<b>\$215.95</b>
		D1-6567	Phillips head	
04-00968	33	All	Main Cowling Conversion	<b>\$98.50</b>
		D1-9068	4002 Series Slotted head	
04-00969	33	All	Main Cowling Conversion	<b>\$127.95</b>
		D1-9068	40S5 Series Phillips head	
04-00971	33	CD351-on	Gill Conversion	<b>\$228.95</b>
		D6562-on	4002 Series	
		E1 -on	Phillips head	
04-02080	33	CD351 On	Lower Grill Door (Check Panel)	<b>\$228.95</b>
		D6568 On	Upgrade 4002 Series Slotted	
		E1 On	C-Spec	

## CESSNA CAMLOC FASTENER COWLING KITS

CESSNA 150					
Model	Year	Serial	Description	P/N	Price
C150 A-M	67	On	ALL	4000/2600 Stainless Phillips Complete Conversion	04-01542 <b>\$421.95</b>
				4000 Stainless Phillips Firewall Only Conversion	04-01543 <b>\$327.95</b>
CESSNA 172					
Model	Year	Serial	Description	P/N	Price
C172H-P	67-81	54893-75034	4000 Stainless Phillips Complete Conversions	04-01548 <b>\$579.00</b>	
			4000 Stainless Phillips Firewall Only Conversions	04-01549 <b>\$362.95</b>	
			4000 Stainless Phillips Side Only Conversions	04-01550 <b>\$197.95</b>	
C172P-Q	82-86	75035 On	4000 Stainless Phillips Complete Conversions	04-01551 <b>\$657.95</b>	
			4000 Stainless Phillips Firewall Only Conversions	04-01552 <b>\$362.95</b>	
C172XP-XPII	77-81	2000-3454	4000 Stainless Phillips Complete Conversions	04-01554 <b>\$656.95</b>	
			4000 Stainless Phillips Firewall Only Conversions	04-01555 <b>\$421.95</b>	
CESSNA 177					
Model	Year	Serial	Description	P/N	Price
C177A-B and C177 RG	71-78	00001 - 02752 and 00001 - 1366	4000 Stainless Phillips Complete Conversion	04-01562 <b>\$568.50</b>	
			4000 Stainless Phillips Firewall Only Conversion	04-01563 <b>\$451.95</b>	
			4000 Stainless Phillips Side Only Conversion	04-01564 <b>\$120.95</b>	
CESSNA 182					
Model	Year	Serial	Description	P/N	Price
C182	56-60	33000-53007 Screw Cowlings	2800 Stainless Phillips Complete Conversion	04-01566 <b>\$466.95</b>	
C182P-R	73-86	61426-68542	4000 Stainless Phillips Complete Conversion	04-01568 <b>\$567.00</b>	
			4000 Stainless Phillips Firewall Only Conversion	04-01569 <b>\$478.95</b>	