



**Power Systems**

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# Service Bulletin

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Technical Content is FAA Approved

- SUBJECT:** Part Number Supersedure for Kelly Aerospace Alternators
- REASON :** Provide Identification of Part Number Supersedure
- ALTERNATOR MODELS AFFECTED:** Factory New ALE, ALT, ALU, ALX, ALY, ALZ, ANG Series, ES-4032, and ES-4039
- COMPLIANCE:** Effective Immediately Anytime Replacement of Alternator is Required

Older model ALE, ALT, ALU, ALX, ALY, ALZ and ANG series, ES-4032 and ES-4039 alternators as listed below in columns A and B are no longer available as service spares or new. These alternators are superseded by the latest alternator model as identified in Column C. The replacement alternator is identical to the older model in form, fit, and function with exception of incorporating an improved bearing in the slip ring end housing. Refer to Kelly Aerospace OE-A1 manual or the forthcoming OE-A2 manual for maintenance, overhaul, and service instructions. See Kelly Aerospace Service Bulletin No. 017 for replacement of slip ring end bearing in alternators listed in Column B.

<b>Kelly Aerospace Alternators (Formerly Prestolite) Part Number Supersedure</b>		
<b>Column A Original Alternator Part Number</b>	<b>Column B Superseded by Alternator Part Number</b>	<b>Column C Superseded by New Alternator Part Number</b>
ALE-8105A ALE-8408 ALE-8408R ALE-8421	ALE-8421R	ALE-8521 *
ALH-5406	ALH-5420	ALH-5520
ALT-8407 ALT-8403	ALT-8420	ALT-8520
ALT-8421 ALT-8404R ALT-8404	ALT-8421R	ALT-8521
ALT-8421LS ALT-8404RS ALT-8404LS	ALT-8421RS	ALT-8521LS
ALT-9405	ALT-9422	ALT-9522

ALU-6421LS	ALU-6421RS	ALU-6521LS
ALU-8421 ALU-8403R ALU-8403	ALU-8421R	ALU-8521
ALU-8421LS ALU-8403RS ALT-8403LS	ALU-8421RS	ALU-8521LS
ALU-9404L ALU-9404R ALU-9422L	ALU-9244R	ALU-9522 *
ALX-6408	ALX-6423	ALX-6523 *
ALX-8421 ALX-8421G ALX-8421RG ALX-8403 ALX-8403G ALX-8403RG	ALX-8421R	ALX-8521
ALX-8421LS ALX-8421LSG ALX-8421RSG ALX-8403RS ALX-8403LS ALX-8403LSG ALX-8403RSG	ALX-8421RS	ALX-8521LS
ALX-8423	None	ALX-8523
ALX-9404	ALX-9424	ALX-9524
ALX-9422L ALX-9422RG ALX-9422LG ALX-9404R ALX-9404L ALX-9404LG ALX-9404RG	ALX-9422R	ALX-9522
ALX-9425 ALX-9425A ALX-9402	ALX-9425B	ALX-9525B
ALY-6403 ALY-6403G ALY-6403R ALY-6403RG ALY-6420 ALY-6420G ALY-6420RG	ALY-6420R	ALY-6520 *
ALY-6408	ALY-6421	ALY-6521 *
ALY-6409	ALY-6422	ALY-6522
ALY-6412	ALY-6425	ALY-6525 *
ALY-6427 ALY-6427G ALY-6427RG	ALY-6427R	ALY-6527
ALY-8402 ALY-8411	ALY-8424	ALY-8524

ALY-8405 ALY-8405G ALY-8405R ALY-8405RG ALY-8426 ALY-8426G ALY-8426RG	ALY-8426R	ALY-8526
ALY-8410 ALY-8410R ALY-8423	ALY-8423R	ALY-8523
ALY-8420 ALY-8420G ALY-8420RG ALY-8403R ALY-8403 ALY-8403G ALY-8403RG	ALY-8420R	ALY-8520
ALY-8420RSG ALY-8420LS ALY-8420LSG ALY-8420RS ALY-8403RSG ALY8403LS ALY-8403LSG	ALY-8420RS	ALY-8520LS
ALZ-8401 ALZ-8401G ALZ-8401R ALZ-8401RG ALZ-8423 ALZ-8423G ALZ-8423RG	ALZ-8423R	ALZ-8523
ANG-6401 ANG-6402 ANG-6423	ANG-6423S	ANG-6523
ES-4032	None	ALU-8532LS *
ES-4039LS	None	ALU-8539LS *

Note, \* indicates non-PMA alternator approved under aircraft or engine type certificate.

Each group of alternators shown in Column A was superseded by the alternator shown in Column B which is now superseded by the alternator shown in Column C. For example, using the next to last group of alternators, Part Numbers ALY-8420RSG, LS, LSG, and RS in addition to ALY-8403RSG, LS, and LSG were superseded by ALY-8420RS which is now superseded by ALY-8520LS.