prestolite®

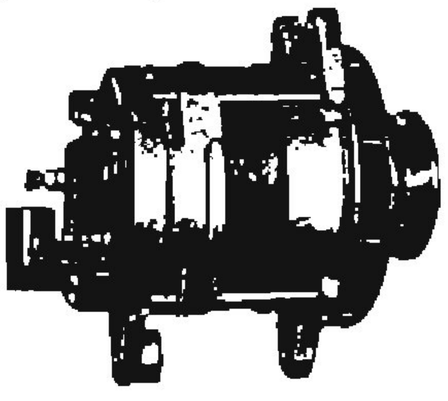
SERVICE PARTS LIST

ALX SERIES

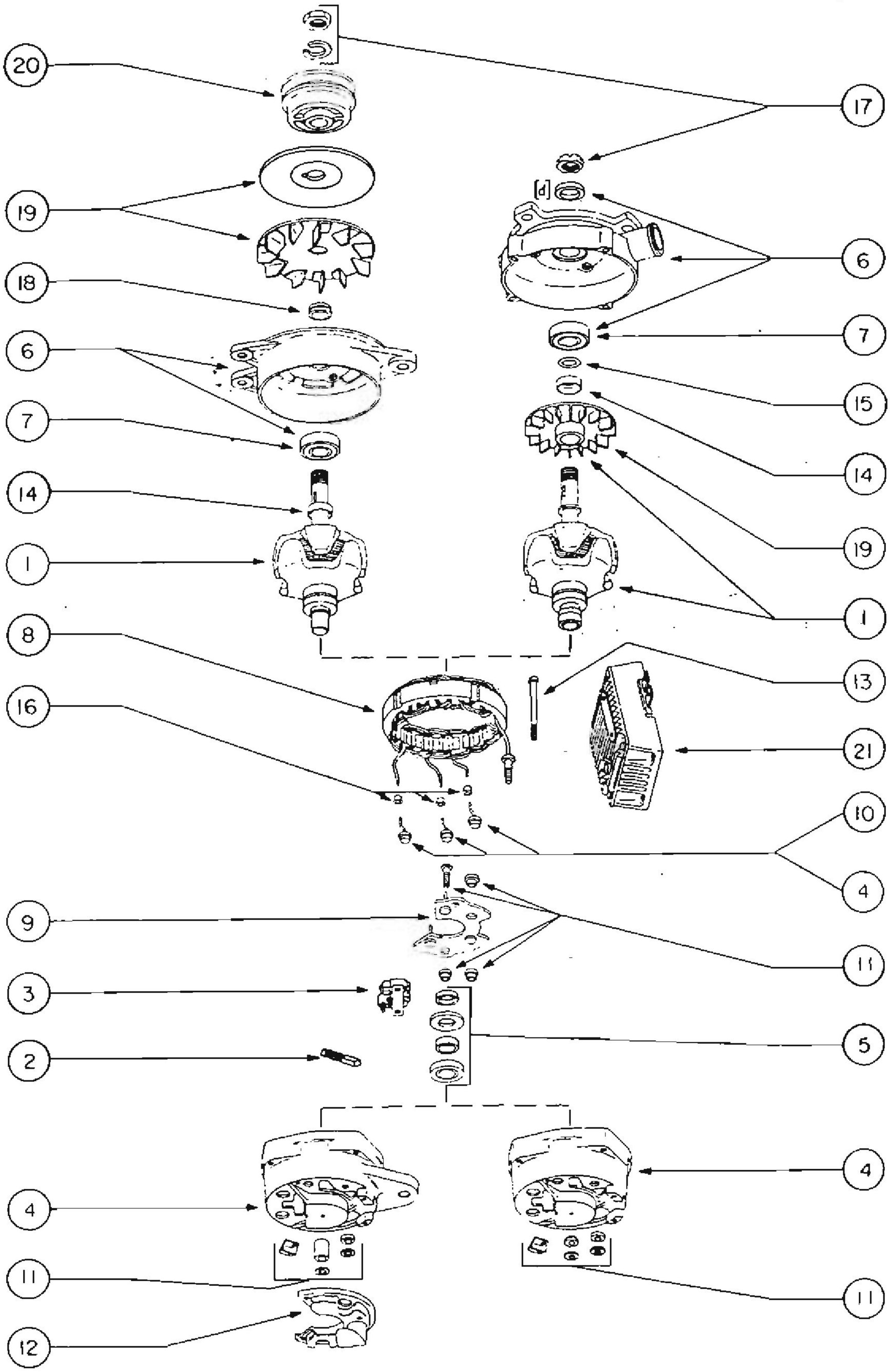
ALTERNATOR

ISSUED: 11-6-79 (Rev.)

ORIG. EQUIP. ALTERNATOR ENG. NUMBER		SERVICE ALTERNATOR ENG. NUMBER	SALES NUMBER	VOLTS-12 APPLICATION
ALX-6408	USE	ALX-6423	51-239	Teledyne Continental(Aircraft)
ALX-6423		ALX-6423	51-239	Teledyne Continental(Aircraft)
ALX-8403	USE	ALX-8421R	51-227	Lycoming(Aircraft)
ALX-8403G	USE	ALX-8421R	51-227	Lycoming(Aircraft)
ALX-8403LS	USE	ALX-8421RS	51-220	Lycoming(Aircraft)
ALX-8403LSG	USE	ALX-8421RS	51-220	Lycoming(Aircraft)
ALX-8403R.	USE	ALX-8421R	51-227	Service
ALX-8403RG	USE	ALX-8421R	51-227	Service
ALX-8403RS	USE	ALX-8421RS	51-220	Service
ALX-8403RSG	USE	ALX-8421RS	51-220	Service
ALX-8421	USE	ALX-8421R	51-227	Lycoming(Aircraft)
ALX-8421G	USE	ALX-8421R	51-227	Lycoming(Aircraft)
ALX-8421LS	USE	ALX-8421RS	51-220	Lycoming(Aircraft)
ALX-8421LSG	USE	ALX-8421RS	51-220	Lycoming(Aircraft)
ALX-8421R		ALX-8421R	51-227	Service
ALX-8421RG	USE	ALX-8421R	51-227	Service
ALX-8421RS		ALX-8421RS	51-220	Service
ALX-8421RSG	USE	ALX-8421RS	51-220	Service
ALX-9402	USE	ALX-9425B	51-285	Teledyne Continental(Aircraft)
ALX-9404L	USE	ALX-9422R	51-228	Lycoming(Aircraft)
ALX-9404LG	USE	ALX-9422R	51-228	Lycoming(Aircraft)
ALX-9404R	USE	ALX-9422R	51-228	Service
ALX-9404RG	USE	ALX-9422R	51-228	Service
ALX-9405	USE	ALX-9424	51-240	Teledyne Continental(Aircraft)
ALX-9422L	USE	ALX-9422R	51-228	Lycoming(Aircraft)
ALX-9422LG	USE	ALX-9422R	51-228	Lycoming(Aircraft)
ALX-9422R		ALX-9422R	51-228	Service
ALX-9422RG	USE	ALX-9422R	51-228	Service
ALX-9424		ALX-9424	51-240	Teledyne Continental(Aircraft)
ALX-9425	USE	ALX-9425B	51-285	Teledyne Continental(Aircraft)
ALX-9425A	USE	ALX-9425B	51-285	Teledyne Continental(Aircraft)
ALX-9425B		ALX-9425B	51-285	Teledyne Continental(Aircraft)



ALX Series Alternator Parts List



Exploded View of Typical ALX Alternator

Assembly	Rotor Assembly (1)	Brush Set (2)	Brush,Holder & Spring Assembly (3)	Slip Ring End Head Assembly (4) *	S.R.E. Bearing & Seal Pkg. (5)	Drive End Head Assembly (6)	D.E. Bearing (7)
ALX-6408 (51-195)	90-2399[e]	11-74 (ALE-1013AS)	35-749 (ALU-1045BS)	90-2399[e]	90-2014[c]	14-260 (ALE-1003R)	25-1 (X-3416)
ALX-6423 (51-239)	10-323 (ALH-2128S-1)	"	"	12-311 (ALK-1132AS-1)	"	"	"
ALX-8403,R (51-91)	90-2399[e]	[b]	35-749[b] (ALU-1045BS)	90-2399[e]	"	14-175 (ALE-1003K)	"
ALX-8403G,RG - - - -	"	[b]	"	"	"	"	"
ALX-8403LS,RS (51-142)	"	[b]	"	"	"	"	"
ALX-8403LSG - - - -	"	[b]	"	"	"	"	"
ALX-8403RSG - - - -	"	[b]	"	"	"	"	"
ALX-8421,R (51-227)	10-323 (ALH-2128S-1)	11-74 (ALE-1013AS)	35-749 (ALU-1045BS)	12-311 (ALK-1132AS-1)	"	"	"
ALX-8421G,RG - - - -	"	"	"	"	"	"	"
ALX-8421LS,RS (51-220)	"	"	"	"	"	"	"
ALX-8421LSG - - - -	"	"	"	"	"	"	"
ALX-8421RSG - - - -	"	"	"	"	"	"	"
ALX-9402 (51-215)	90-2409[e]	"	"	90-2409[e]	"	14-272 (ALU-1003)	25-99 (X-5398)
ALX-9404L,R (51-150)	90-2400[e]	[b]	35-749[b] (ALU-1045BS)	90-2400[e]	"	14-255[d] (ALU-1043)	25-66 (X-4087)
ALX-9404LG,RG - - - -	"	[b]	"	"	"	"	"
ALX-9405 (51-149)	90-2401[e]	[b]	"	90-2401[e]	"	"	"
ALX-9422L,R (51-228)	10-324 (ALH-2138S-1)	11-74 (ALE-1013AS)	35-749 (ALU-1045BS)	12-312 (ALE-1142AAS-1)	"	"	"
ALX-9422LG,RG - - - -	"	"	"	"	"	"	"
ALX-9424 (51-240)	10-325 (ALX-2138AS-1)	"	"	"	"	"	"
ALX-9425 (51-252)	10-329[a] (ALH-2206S-1)	"	"	"	"	14-272 (ALU-1003)	25-99 (X-5398)
ALX-9425A (51-268)	"	"	"	"	"	"	"
ALX-9425B (51-285)	"	"	"	"	"	"	"

[a] Rotor,Bearing & Fan Assembly.
[b] 11-74(ALE-1013AS)Captive Brush & Spring Set also individually available for units already having this design. Earlier units must replace the Complete Brush Holder Assy. if Brushes or Springs are required.
[c] Brg. & Seal Pkg.,also included with Rotor & S.R.E.Head Assy.
[d] 36-797(XA-1026) D.E.Oil Seal also individually available if required.
[e] S.R.E.Head & Rotor Pkg. Complete Package must be used at time of first repair. Individual Components (See Sheet #3 for contents of Pkg.) may be replaced thereafter.
* 35-781(GJC-498S)Cover Pkg.(10Pc.) also available.

ALX SERIES

Assembly	Stator Assembly (8)	Pos.Rectifier & Plate Assembly (9)	Negative Rectifier (Pkg.of 3) (10)	Term. Stud Package (11)	S.R.E. Cover (12)	Thru Bolt Package (13)	O.E. Retainer (14)
ALX-6408 (51-195)	13-174 (ALE-2008AB)	35-763 (ALE-1054A)	35-757 (XA-944JS)	90-2043	[NA]	35-549 (ALA-20GS)	35-29 (GR-32)
ALX-6423 (51-239)	"	"	"	"	[NA]	"	"
ALX-8403,R (51-91)	"	"	"	90-2030	35-551 (ALU-1062A)	"	"
ALX-8403G,RG - - - -	"	"	"	"	"	"	"
ALX-8403LS,RS (51-142)	"	"	"	"	"	"	"
ALX-8403LSG - - - -	"	"	"	"	"	"	"
ALX-8403RSG - - - -	"	"	"	"	"	"	"
ALX-8421,R (51-227)	"	"	"	"	"	"	"
ALX-8421G,RG - - - -	"	"	"	"	"	"	"
ALX-8421LS,RS (51-220)	"	"	"	"	"	"	"
ALX-8421LSG - - - -	"	"	"	"	"	"	"
ALX-8421RSG - - - -	"	"	"	"	"	"	"
ALX-9402 (51-215)	"	"	"	90-2043	35-775 (ALU-1062S)	"	"
ALX-9404L,R (51-150)	"	"	"	"	[NA]	"	"
ALX-9404LG,RG - - - -	"	"	"	"	[NA]	"	"
ALX-9405 (51-149)	"	"	"	"	[NA]	"	"
ALX-9422L,R (51-228)	"	"	"	"	[NA]	"	"
ALX-9422LG,RG - - - -	"	"	"	"	[NA]	"	"
ALX-9424 (51-240)	"	"	"	"	[NA]	"	"
ALX-9425 (51-252)	"	"	"	"	35-775 (ALX-1062S)	"	"
ALX-9425A (51-268)	"	"	"	"	"	"	"
ALX-9425B (51-285)	"	"	"	"	"	"	"

[NA] Not Available.

SHEET 3 ISSUED:3-20-84 (Rev.)

Assembly	"O" Ring Seal (15)	Eyelet Package (16)	Nut & Washer Package (17)	Rotor Shaft Spacer (18)	Vent. Fan (19)	Drive Pulley (20)	Regulator (21)
ALX-6408 (51-195)	[NA]	90-818	90-33	35-587 (ALC-21F)	90-2259[f]	[NA]	8-342 (VSF-7203S)
ALX-6423 (51-239)	[NA]	"	"	"	"	[NA]	"
ALX-8403,R (51-91)	[NA]	"	"	35-55 (ALD-21)	90-2241[f]	34-400 (PU-672A)	"
ALX-8403G,RG - - - -	[NA]	"	"	"	"	"	8-5014 (FVR-4011A)
ALX-8403LS,RS (51-142)	[NA]	"	"	"	"	[NA]	8-342 (VSF-7203S)
ALX-8403LSG - - - -	[NA]	"	"	"	"	[NA]	8-5014 (FVR-4011A)
ALX-8403RSG - - - -	[NA]	"	"	"	"	[NA]	"
ALX-8421,P (51-227)	[NA]	"	"	"	"	34-400 (PU-672A)	8-342 (VSF-7203S)
ALX-8421G,RG - - - -	[NA]	"	"	"	"	"	8-5014 (FVR-4011A)
ALX-8421LS,RS (51-220)	[NA]	"	"	"	"	[NA]	8-342 (VSF-7203S)
ALX-8421LSG - - - -	[NA]	"	"	"	"	[NA]	8-5014 (FVR-4011A)
ALX-8421RSG - - - -	[NA]	"	"	"	"	[NA]	"
ALX-9402 (51-215)	[NA]	"	[NA]	[NA]	35-593[h] (ALP-1034)	[NA]	8-342 (VSF-7203S)
ALX-9404L,R (51-150)	35-589 (XA-744AZ)	"	35-591[g] (8X-4075)	35-588 (ALU-23)	[NA]	[NA]	"
ALX-9404LG,RG - - - -	"	"	"	"	[NA]	[NA]	8-5014 (FVR-4011A)
ALX-9405 (51-149)	"	"	"	"	35-593[h] (ALP-1034)	[NA]	8-342 (VSF-7203S)
ALX-9422L,R (51-226)	"	"	"	"	[NA]	[NA]	"
ALX-9422LSG,RSG - - - -	"	"	"	"	[NA]	[NA]	8-5014 (FVR-4011A)
ALX-9424 (51-240)	"	"	"	"	35-593[h] (ALP-1034)	[NA]	8-342 (VSF-7203S)
ALX-9425 (51-252)	[NA]	"	[NA]	[NA]	"	[NA]	"
ALX-9425A (51-268)	[NA]	"	[NA]	[NA]	"	[NA]	"
ALX-9425B (51-285)	[NA]	"	[NA]	[NA]	"	[NA]	"

[e] Contents of S.R.E. Head & Rotor Pkg.

S.R.E. Hd. & Rotor Pkg.	90-2399	90-2400	90-2401	90-2409
Bearing Pkg.	90-2014	90-2014	90-2014	90-2014
Head Assy.,S.R.E.	12-311 (ALK-1132AS-1)	12-312 (ALE-1142AAS-1)	12-312 (ALE-1142AAS-1)	12-312 (ALE-1142AAS-1)
Rotor	10-323 (ALH-2128S-1)	10-324 (ALH-2138S-1)	10-325 (ALX-2138AS-1)	10-329 (ALH-2206S-1)

[f] Two (2) Piece Fan Assy.
[g] Nut only Washer not required.
[n] Also included with Rotor.
[NA] Not available.