

National AirParts, Inc.
1140 Airport Terminal Drive
DeLand, Florida 32724 U. S. A.

ITEM #	National #	Part Description
1	1-2A	Option "TC" DE Frame, 5/16" Mounting Bolt, 5/16-18 adjusting link
1	1-2C	Chrysler/Prestolite retrofit DE Frame, 3/8" Mounting Bolt, 5/16-18 adjusting link
1	1-2CG	Chrysler/Prestolite retrofit DE Frame, 3/8" Mounting Bolt, 5/16-18 adjusting link
1	1-2GA	Delcotron SHORT FOOT, for OPTION "GA" ONLY,
1	1-2RLW	Prestolite Retrofit, DE Frame, Delcotron SHORT FOOT, for OPTION "LW", "LD" or "LF" only:
1	1-2F	Ford retrofit DE Frame, 7/16" Mounting Bolt, 3/8-16 adjusting link
1	1-2FG	Ford retrofit DE Frame, 7/16" Mounting Bolt, 3/8-16 adjusting link
1	1-2PS	Prestolite retrofit DE, Single Ear, single mounting foot
1	1-2PM	Prestolite retrofit DE, UNIVERSAL Ear; dual mounting foot ; use with RF-2A rear mounting foot (not shown)
1	1-2MA	Prestolite MACHEN 700 AeroStar DE, dual mounting foot ; use on A/C engine w/OEM Pulley
1	1-2PA	Prestolite Piper 700 AeroStar DE, dual mounting foot ; use on A/C engine w/OEM Pulley
2	30018	Rotor, 24 volts, Special Application, Option "GA" ONLY
2	47020	Rotor, 12-15 volts Hi Output UNITS (2.1-3.2 ohms nominal)
2	50021	Rotor, 12 -15 volts STANDARD (4 ohms nominal)
2	75022	Rotor, 24 volts, 70 AMPS; STANDARD (8 ohms nominal)
2	75022K	Rotor, 24 volts, 70 AMPS; AeroStar 700 Air Condiitioning Alternator (8 ohms nominal)
2	60021	Rotor, 24 volts, Standard on 85 and 100 A. 24 v. units (5.2 ohms)
3	N-4-1	Stator, STANDARD 24 volt, 70 amps (WHITE)
3	N-4-2	Stator STANDARD + OPTIONS "LW" & "L", 12 volts, 70 amps (GREEN)
3	N-4-3	RESERVED
3	N-4-4	Stator (HEAVY),12 volt, 85 & 100 amps; OPTIONAL ON ALL OTHERS (R)
3	N-4-5	Stator (HEAVY), 24 volt, 70 amps; (W); OPTIONAL on 12 volt
3	N-4-6	Stator (S. HEAVY), 24 volt, 100 Amps; (R/R/R)
4	2-A	Slip Ring End (SRE) Hsg, Ford/Chrysler/Delco (BLACK)
4	2-B	Slip Ring End (SRE) Hsg, C312R and Option "GA" alternators, only (BLACK)
4	2-C	Slip Ring End (SRE) Hsg, Ford/Chrysler/Delco and Prestolite alternators inletted for AUX terminal: (BLACK)

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ITEM #	National #	Part Description
NOT SHOWN	RF-2B	Slip Ring End Rear Mounting Foot: For Dual Foot Prestolite Retrofit applications
5	8-1x	Fan pkg., Bi Directional, steel; includes spacers. SUPERSEDED ITEM
5	8-1	Fan pkg., cast aluminum; Bi Directional
6	8-ATI	Option "GA" serpentine pulley
6	8-C	Chrysler retrofit pulley
6	8-F	3" x 3/8" groove Ford retrofit pulley ;
6	8-FS	2.5" x 3/8" groove Ford retrofit pulley ;
6	8-FC	3" Ford Serpentine pulley
6	8-FCS	2.5" Ford Serpentine Pulley
6	8-FSB	2.5" x 3/8" groove pulley ; used for 70/100 amp Beech Baron Prestolite replacement configuration
6	8-G	Prestolite retrofit pulley (2.5" dia.) for OPTION TC generator conversions and standard AeroStar applications
6	8-GE	Prestolite retrofit pulley (2.5" dia.) for OPTION TC generator conversions: EXTENDED PULLEY for Beech Baron & Cessna 310
6	8-M	Prestolite retrofit pulley, 3" x 1/2" belt groove; Generator conversion
6	8-MR	Prestolite retrofit pulley, 2.5" x 1/2" belt groove; Generator conversion
6	8-PAR	Prestolite retrofit, Piper Super 700 w/factory air conditioning; DUAL PULLEY
6	8-PL	Prestolite Pulley, light weight, standard Prestolite Retrofit Applications
7	NB X-3416	Drive End (DE) Bearing; National NB X-3416 PMA bearing
8	NB 471S	Slip Ring End (SRE) bearing
9	7-1	Retainer, D.E. bearing
10	N-52A	Positive Heat Sink: no rectifiers or hardware
10	N-52T	Positive Heat Sink: no rectifiers or hardware: drilled for thermocouple insertion; Standard for Option "GA"
11	N-53	DIODE , Positive rectifier, 70 Amp Alternator Applications (RED leads)
11	N-53A	DIODE , Positive rectifier, 100 Amp Alternator Applications (RED LEADS & DOT)
12	N-54A	DIODE, Negative rectifier, 100 Amp Alternator Applications (BLACK DOT)
12	N-54	DIODE, Negative rectifier, 70 Amp Alternator Applications (BLACK LEADS & DOT)

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ITEM #	National #	Part Description
13	N-60S	Brush Holder Ass'y, Ford/Chrysler/Delco; INCLUDES BOLT PACKAGE
13	N-61S	Brush Holder Ass'y, Prestolite ISOLATED FIELD; INCLUDES BOLT PACKAGE
13	N-62G	Brush Holder Ass'y, Option "GA" ONLY (ISOLATED FIELD); INCLUDES BOLT PACKAGE
14	13-8C	Nut, Rotor
15	13-6C	Washer, Rotor
16	13-5	Spacer, DE Bearing, Outside (SUPERSEDED ITEM; USED WITH 8-1X FAN, ONLY)
16	13-5A	Spacer, DE Bearing-to-pulley ; Used on alternators with NO FAN (RED STRIPE)
17	13-BB	Washer, Thru Bolt, SS; use under Thru Bolt mini-nut
18	13-3	Screw Kit, Bearing Retainer (pkg. of 3; includes lock washers, P/N 13-29)
19	13-4	Spacer, Fan-To-Pulley (SUPERSEDED ITEM; used with 8-1X fan, only)
20	13-11	Nut, Stator & Aux. Terminal
21	13-10	Stud, Stator Terminal
22	12-1	Insulator, Stator Terminal
23	13-28	Screw, Positive Heat Sink or Brush Holder Retainer
24	13-30	Washer, Positive Heat Sink or Brush Retainer
25A	12-10	Insulator (Top), Positive Heat Sink
25B	12-13	Insulator (Bottom), Positive Heat Sink
26		RESERVED
27	N91	Capacitor
27	N91G	Capacitor shell; Option "GA" ONLY
27	N93	Capacitor, Optional, Used in HD SRE Case ONLY, For SRE P/N 2-2
28	12-15	Retainer, Capacitor
29	13-31	Flat Washer, SS
30	13-B	Thru Bolt , Hi Strength SS
	13-A	Washer, Thru Bolt, SS; use under head of 13-B Thru Bolt (use 2 -ea for Option LW or GA alternators)
	13-BB	Washer, Thru Bolt, SS; use under Thru Bolt mini-nut (AN960C10)
	13-BBB	Mini Nut, Thru Bolt (MS21042-3)
	13-30	Thru Bolt Package; all Thru Bolts & associated Thru Bolt hardware for one (1) alternator

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31	13-40	Stud, Ground Terminal
31	13-40L	Stud, Ground Terminal, for use with Blast Tube-equipped alternators
32	12-5	Split Lockwasher, SS
33	S-636	Insulator, Battery or Ground Term; per insulator
34	13-38	Nut, SS, Battery & Ground Terminal
35	13-34	Bolt, Battery Terminal
36	NI-3	Insulator, AUX Terminal
37	NI-2	Insulator, Sleeve; BAT Terminal; PKG of 3 Ea. NI-1 Insulators
38	NI-1	Insulator, Sleeve: GND Terminal
39	13-36	Flat Washer, SS
40	13-37	Nut, SS : BAT Terminal; SUPERSEDED ITEM, replace with P/N 13-38, Item 34
41	13-1	Terminal Kit, GROUND
42	13-7	Terminal Kit, BATTERY
43	13-2	Terminal Kit, AUXILIARY TERMINAL
44	13-44	Bolt, Aux Terminal
45	13-45	Washer, Flat SS, Thin
	AL-1	Adjusting Link, Alternator (Prestolite)
	AL-1A	Adjusting Link, Alternator (Prestolite used on TCM 470/520 engines); Superseded item, use P/N AL-5A
	AL-2	Adjusting Link, Alternator (Ford used on TCM 470/520 engines)
	AL-2A	Adjusting Link, Alternator (Prestolite, used on PA-28/32 aircraft with A/C)
	AL-3	Adjusting Link, Alternator (Chrysler; STRAIGHT)
	AL-3A	Adjusting Link, Alternator (Chrysler); STANDARD
	AL-5	Adjusting Link, Alternator (Prestolite; used on C-310/320 conversion), for Option TC
	AL-5A	Adjusting Link, Alternator (Prestolite; used on TCM 470/520 engines), for Option TC
	AL5-E	Adjusting Link, Alternator (Prestolite; used on C-310/320 conversions), for Option TC
	AP-1	Plug Ass'y, Alternator Field, "F" Terminal ONLY: Chrysler, Delco & Ford
	AP-1A	Plug Ass'y, Alternator Field, "F1" & "F2" Terminals: Prestolite retrofit applications

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ITEM #	National #	Part Description
	N502	Housing (AP-1), Field Connector; no terminals
	N1340	Terminal (AP-1/1A), Field Connector
	78158	Mount, Alternator; Lycoming NARROW DECK used with P312R & P324R-series alternator
	07A19474	Mount, Alternator; Lycoming WIDE DECK, used with P312R & P324R-series alternator
	643935NM	Mount, Alternator; Cast Mount, NO LEG; TCM O-470 series with F312R & F324R alternators
	643935N	Mount, Alternator; Cast Mount, W/LEG; TCM O-470 series with F312R & F324R alternators
	632357N	Spacer for TCM cast mounts above
	BT-3	SRE Blast Tube Cooling Assembly