

Group:	4000 J180 6 Diode	Notes: Refer to SP1013 -DWG for major component drawing. Refer to TSB-3011 for hardware kit breakdown for models requiring the R031101136S capacitor. Refer to TSB-3012 for models not requiring the capacitor. Refer to TSB-1118 for Solid Leadframe changeout procedure.
Form:	SP1013	
Date:	August 17, 2018	
File:	Alternator Parts List Section	

**This service parts list covers 6 diode rectified alternators less than 185 Amps and either remote rectified or remote regulated models.**

**\* This indicates the revision letter on the label. If your unit is this revision or later, use this service component.**



In addition to identifying the part number from the part label it is also required that you identify the REV level. It is probable that no REV level is present; if so, utilize the part number only to identify the appropriate part. However, if a REV level is present, choose the applicable part for that REV level which is listed below the part number.

**Important:** The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Group:	4000 J180 6 Diode	Notes: Refer to SP1013 -DWG for major component drawing. Refer to TSB-3011 for hardware kit breakdown for models requiring the R031101136S capacitor. Refer to TSB-3012 for models not requiring the capacitor. Refer to TSB-1118 for Solid Leadframe changeout procedure.
Form:	SP1013	
Date:	August 17, 2018	
File:	Alternator Parts List Section	

Component View	Front Housing Spacer, bearing, retainer	Rotor	Rear Housing, bearing	Stator	Rectifier Negative	Rectifier Positive	Brush Box & gasket
							
Model	1	2	3	4	5	6	7*
Sales # 4417AA A0014417AA Rev. B	A014101779S	A020101982S	A011102203S	A022101007S	N/A	N/A	A009097082S
Sales # 4417JB A0014417JB Rev. B	A014101779S	A020101982S	A011103748S	A022101007S	N/A	N/A	A009097082S
Sales # 4420JB A0014420JB	A014101779S	A020101991S	A011103748S	A022101007S	N/A	N/A	A009097082S
Sales # 4727AA A0014727AA Rev. C	A014096830S	A020096597S	A011105236S	A022102177S	N/A	N/A	A009097082S
Sales # 4727AB A0014727AB Rev. C	A014096830S	A020096597S	A011105236S	A022102177S	N/A	N/A	A009097082S
Sales # 4727JB A0014727JB Rev. L	A014096830S	A020096597S	A011105236S	A022102177S	N/A	N/A	A009097082S
Sales # 4728JB A0014728JB Rev. D	A014101355S	A020096597S	A011105242S	A022102177S	N/A	N/A	A009097082S
Sales # 4729LC A0014729LC Rev. D	A014103456S	A020103457S	A011105237S	A022102177S	N/A	N/A	A009097082S
Sales # 4805AA A0014805AA Rev. D	A014079009S	A020104115S	A011105242S	A022103504S	N/A	N/A	A009097082S

Component View	Brush Kit
	
Model	
All Models	K185104697S

\* See SP1013-DWG for details on items.

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Group:	4000 J180 6 Diode	Notes: Refer to SP1013 -DWG for major component drawing. Refer to TSB-3011 for hardware kit breakdown for models requiring the R031101136S capacitor. Refer to TSB-3012 for models not requiring the capacitor. Refer to TSB-1118 for Solid Leadframe changeout procedure.
Form:	SP1013	
Date:	August 17, 2018	
File:	Alternator Parts List Section	

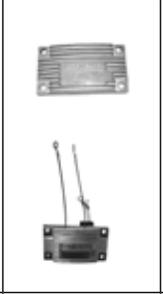
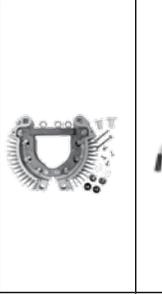
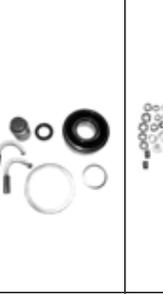
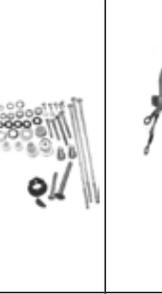
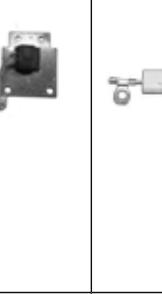
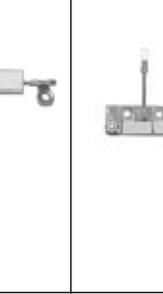
Component View	Front Housing Spacer, bearing, retainer	Rotor	Rear Housing, bearing	Stator	Rectifier Negative	Rectifier Positive	Brush Box & gasket
							
Model	1	2	3	4	5	6	7*
Sales # 4805JB A0014805JB Rev. K	A014079009S	A020104115S	A011105242S	A022103504S	N/A	N/A	A009097082S
Sales # 4806AA A0014806AA Rev. F	A014096830S	A020104115S	A011105242S	A022103504S	A051102220S	A051102219S	A009097082S
Sales # 4806JB A0014806JB Rev. C	A014101149S	A020104115S	A011105242S	A022103504S	A051102220S	A051102219S	A009097082S
Sales # 4826AA A0014826AA Rev. E	A014079009S	A020096597S	A011105242S	A022100722S	N/A	N/A	A009097082S
Sales # 4826JB A0014826JB Rev. D	A014096830S	A020096597S	A011105236S	A022100722S	N/A	N/A	A009097082S
Sales # 4827JB A0014827JB Rev. D	A014096830S	A020096597S	A011105242S	A022101140S	A051102220S	A051102219S	A009097082S
Sales # 4829JB A0014829JB Rev. J	A014079009S	A020104115S	A011105242S	A022103504S	N/A	N/A	A009097082S

Component View	Brush Kit
	
Model	
All Models	K185104697S

\* See SP1013-DWG for details on items.

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

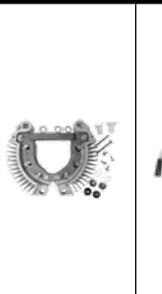
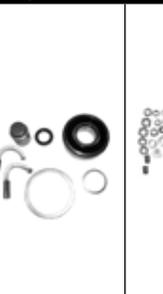
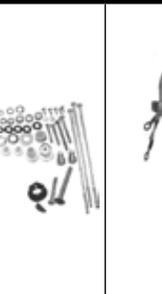
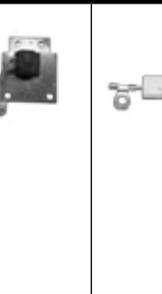
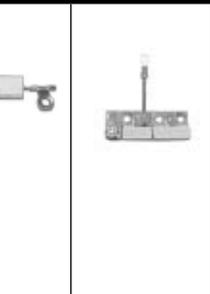
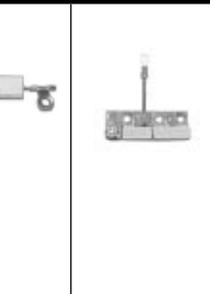
Group:	4000 J180 6 Diode	Notes: Refer to SP1013 -DWG for major component drawing. Refer to TSB-3011 for hardware kit breakdown for models requiring the R031101136S capacitor. Refer to TSB-3012 for models not requiring the capacitor. Refer to TSB-1118 for Solid Leadframe changeout procedure.
Form:	SP1013	
Date:	August 17, 2018	
File:	Alternator Parts List Section	

Component View	Fan	Regulator or Cover, with mounting screws	Rectifier Solid Lead Frame Pos/ Neg	Overhaul Kit Bearings, brushes, seal & spacer	Hardware Kit	Capacitor Assy.	Capacitor	Trio
								
Model	8	9	10	11		12	13	14
Sales # 4417AA A0014417AA Rev. B	A041099599S	A038100265S	A051105220S	K183104745S	K212104767S	N/A	N/A	N/A
Sales # 4417JB A0014417JB Rev. B	A041099599S	R240103745S*	A051105220S	K183104745S	K212104767S	N/A	N/A	N/A
Sales # 4420JB A0014420JB	A041079035S	R240105470S	A051105220S	K183104745S	K212104767S	N/A	N/A	N/A
Sales # 4727AA A0014727AA Rev. C	A041102967S	A038100265S	A051105220S	K183104744S	K212104767S	N/A	N/A	N/A
Sales # 4727AB A0014727AB Rev. C	A041102967S	A038100265S	A051105220S	K183104744S	K212104767S	N/A	A031096545S	N/A
Sales # 4727JB A0014727JB Rev. L	A041079035S	R240096852S	A051105222S	K183104744S	K212104767S	N/A	A031096545S	A051096603S
Sales # 4728JB A0014728JB Rev. D	A041102967S	R240096852S	A051105220S	K183104744S	K212104767S	N/A	A031096545S	A051096603S
Sales # 4729LC A0014729LC Rev. D	A041102967S	R240096852S	A051105222S	K183104745S	K212104767S	N/A	A031096545S	A051096603S
Sales # 4805AA A0014805AA Rev. D	A041079035S	A038100265S	A051105220S	K183104744S	K212104767S	N/A	A031096545S	N/A

\* Use R240105470S for 56V setpoint.

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Group:	4000 J180 6 Diode	Notes: Refer to SP1013 -DWG for major component drawing. Refer to TSB-3011 for hardware kit breakdown for models requiring the R031101136S capacitor. Refer to TSB-3012 for models not requiring the capacitor. Refer to TSB-1118 for Solid Leadframe changeout procedure.
Form:	SP1013	
Date:	August 17, 2018	
File:	Alternator Parts List Section	

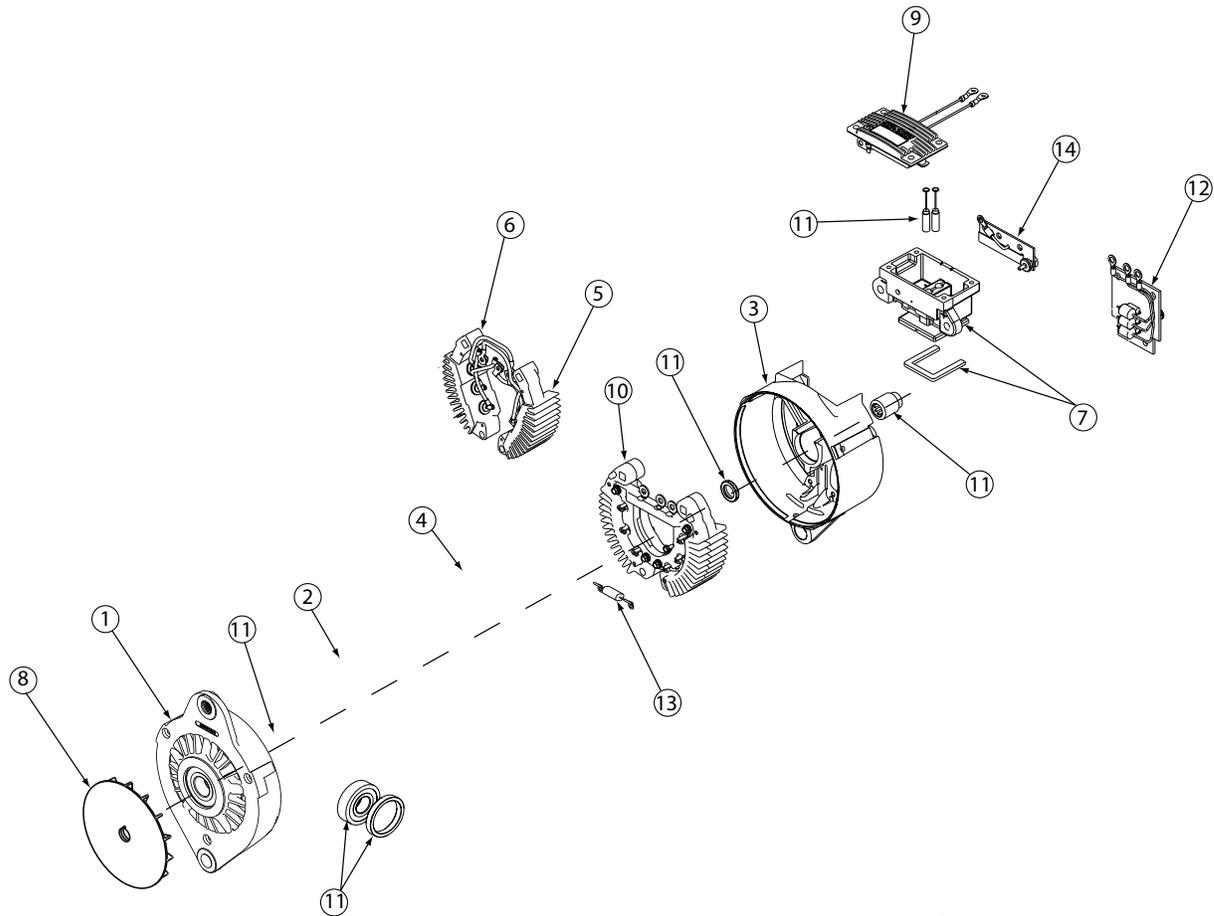
Component View	Fan	Regulator or Cover, with mounting screws	Rectifier Solid Lead Frame Pos/ Neg	Overhaul Kit Bearings, brushes, seal & spacer	Hardware Kit	Capacitor Assy.	Capacitor	Trio
								
Model	8	9	10	11		12	13	14
Sales # 4805JB A0014805JB Rev. K	A041102967S	R240103725S	A051105220S	K183104744S	K212104767S		A031096545S A031105229S	N/A N/A
Sales # 4806AA A0014806AA Rev. F	A041079035S	A038100265S	N/A	K183104744S	K212104773S	R031101136S	A031101281S	N/A N/A
Sales # 4806JB A0014806JB Rev. C	A041102967S	R240103725S	N/A	K183104744S	K212104773S	R031101136S	A031101281S	N/A N/A
Sales # 4826AA A0014826AA Rev. E	A041079035S	A038100265S	A051105220S	K183104744S	K212104767S	N/A	A031096545S A031105229S	N/A N/A
Sales # 4826JB A0014826JB Rev. D	A041079035S	R240096852S	A051105222S	K183104744S	K212104767S	N/A	A031096545S A031105229S	A051096603S N/A
Sales # 4827JB A0014827JB Rev. D	A041102967S	R240103822S	N/A	K183104744S	K212104773S	R031101136S	A031101281S	N/A
Sales # 4829JB A0014829JB Rev. J	A041102967S	R240103726S	A051105220S	K183104744S	K212104767S	N/A	A031096545S A031105229S	N/A

\* Use R240105470S for 56V setpoint.

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Group:	4000 J180 6 Diode	Notes:
Form:	SP1013	Refer to SP1013 -DWG for major component drawing. Refer to TSB-3011 for hardware kit breakdown for models requiring the R031101136S capacitor. Refer to TSB-3012 for models not requiring the capacitor. Refer to TSB-1118 for Solid Leadframe changeout procedure.
Date:	July 7, 2017	
File:	Alternator Parts List Section	

This service parts list covers 6 diode rectified alternators less than 185 Amps and either remote rectified or remote regulated models.



See TSB-3011 and TSB-3012 for Hardware Kit breakdowns

Actual appearances of some components may differ from the actual product. This document is intended to be for generic referral only.

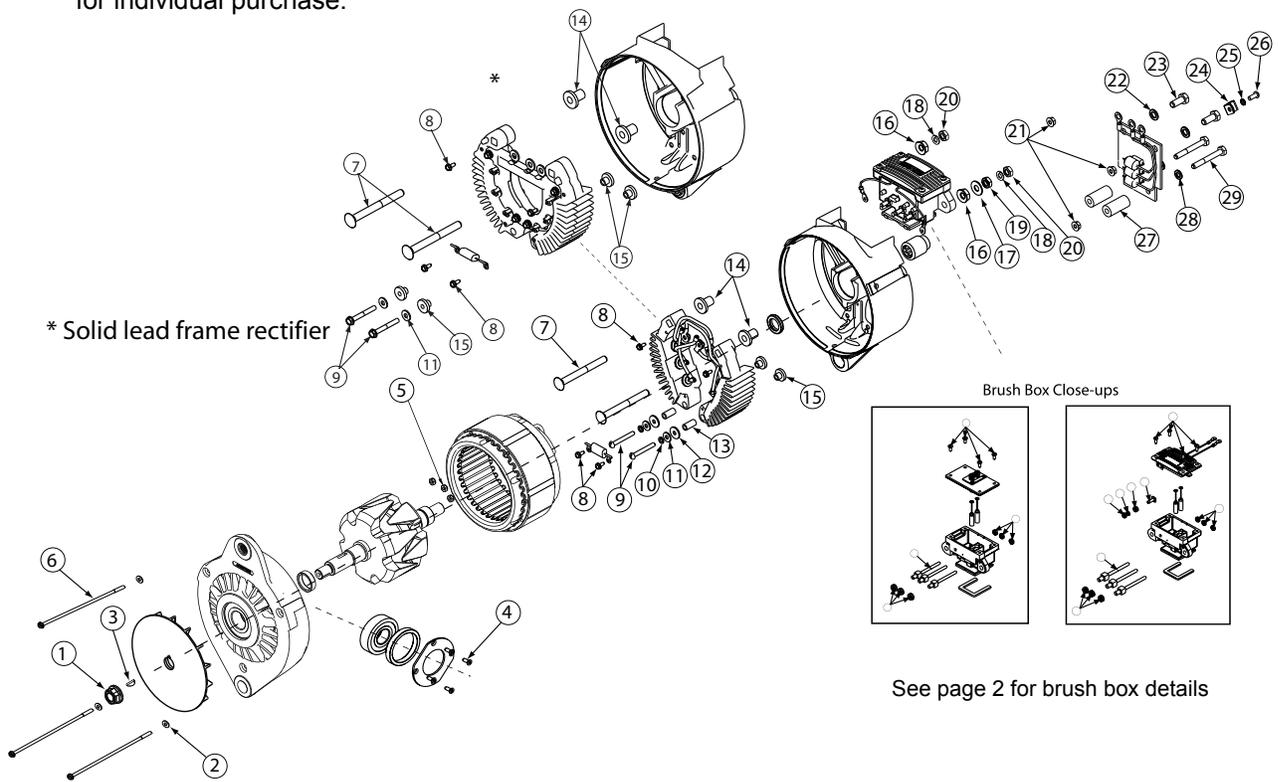
**Important:** The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA  
 Date: JULY 7, 2017  
 Bulletin No: TSB-3011  
 Models: 4000 Series 6 Diode Rectifier Alternators  
 Subject: Hardware Kit for 4000 6 Diode Series Alternators K2121047735

This series covers 6 diode rectified alternators less than 185 Amps and either remote rectified or remote regulated models requiring the R031101136S capacitor.

NOTE: All of these components are part of the hardware kit and not available for individual purchase.

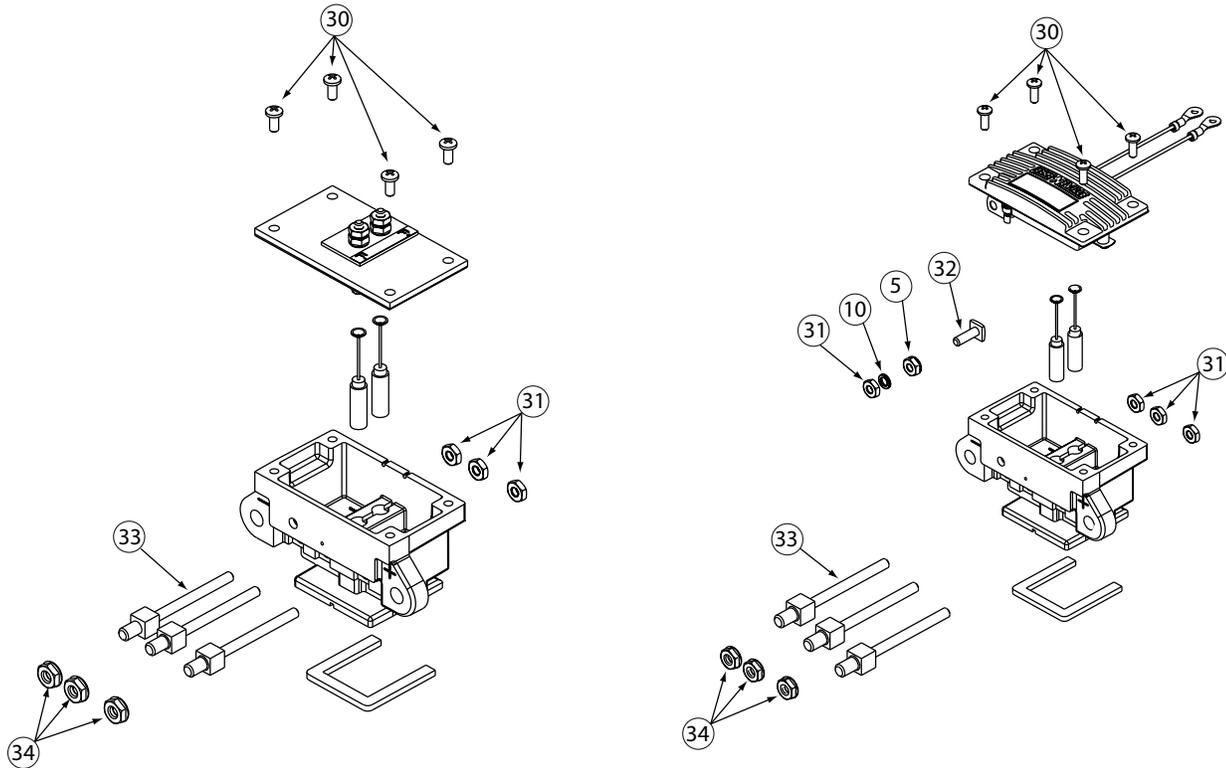
4000 Series J180 Mount



See page 2 for brush box details

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers'; and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Date: JULY 7, 2017  
Bulletin No: TSB-3011



Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Date: JULY 7, 2017

Bulletin No: TSB-3011

Description	Qty.	Key	Where used
NUT, 5/8-18, LOCK	1	1	Fan Nut
WASHER, FLAT#10	3	2	Thru-Bolt flat washer
KEY, WOODRUFF #8	1	3	Shaft key
SCREW, THREAD FORMING	4	4	Front housing retainer plate holding screw
NUT	4	5	Internal stator nuts to AC-taps
THROUGH BOLT	3	6	Thru-Bolt Hold Alternator Together
SCREW TERMINAL 5/16-18 x 3 1/4	2	7	Positive and Negative Output Studs
SCREW, TAP #6-32X11/32	4	8	Hold regulator sense leads and capacitor to rectifier rings
SCREW #10-32 X 1 1/2	2	9	Holds rectifier ring to rear housing
SCREW #10-32 X 1 1/2	2	9	Holds rectifier ring to rear housing
WASHER, LOCK #10	3	10	Lock washer for bolt (Key 9)
WASHER, FLAT #10	2	11	Flat washer for bolt (Key 9)
WASHER INSULATING	2	12	Insulates bolt (Key 9) from rectifier rings
BUSHING, INSULATING	2	13	Insulates bolt (Key 9) from rectifier rings
BUSHING, INSULATING	2	14	Insulates output studs and rectifier rings from rear housing
BUSHING, INSULATING	4	15	Insulates rectifier ring from rear housing
NUT, CON LOCK, 5/16-18	2	16	Holds positive and negative studs into rear housing
WASHER GUARD, 5/16	1	17	Washer used on negative output stud
WASHER, LOCK 5/16	2	18	Lock washer for positive and negative output stud
HEX NUT, 5/16-18 UNC	1	19	Jam nut used on negative output stud
HEX NUT, 5/16-18 UNC	2	20	Nut used to attach customer cables to alternator output studs
NUT, #10-32 FLANGE LOCK	3	21	Thru Bolts nuts
WASHER, LOCK, 5/16"	2	22	Lock washer for (Key 23)
SCREW 5/16-18 X 3/4 HEX HD	2	23	Attaches capacitor to alternator
CLAMP	1	24	Secure capacitor wires to alternator
WASHER LOCK, #10	1	25	Lock washer for (Key 26)
SCREW #10-32 X 1/2 RD HD	1	26	Attaches clamp (Key 24) to alternator
SPACER	2	27	Spacer for external capacitor
WASHER, LOCK 1/4"	2	28	Lock washer for bolt (Key 29)
SCREW 1/4-20 X 2 HEX HD	2	29	Attaches capacitor to alternator
SCREW #8-32 X 3/8"	4	30	Attaches regulator to brush box
SCREW #8-32 X 7/16"	4	30	Attaches regulator to brush box
HEX NUT, #10-32 UNF	4	31	Holds AC studs into brush box
SCREW #10-32 X 5/8" SQ HD	1	32	Ignition stud
STUD, TERMINAL	3	33	AC Studs
NUT, CON LOCK, 1/4-20	3	34	AC Stud Nuts

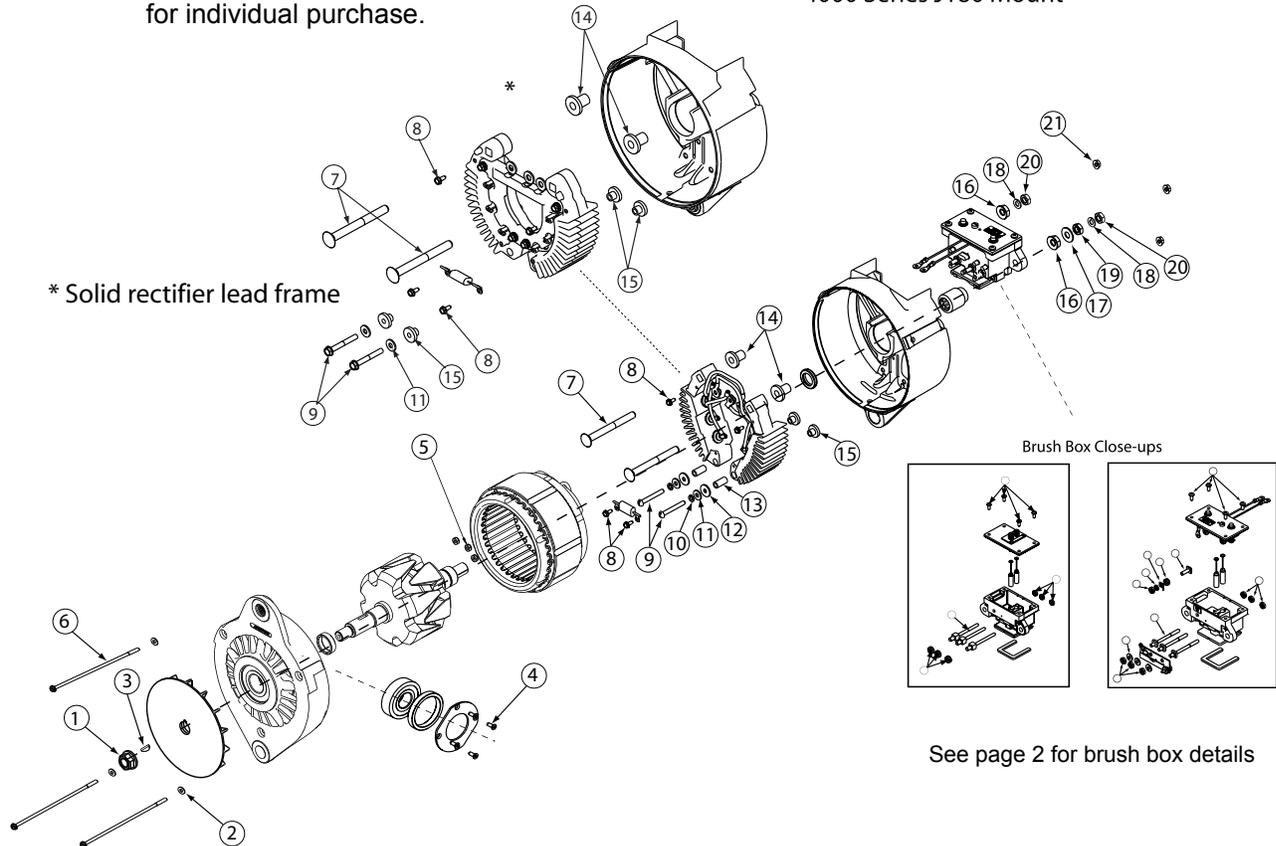
Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA  
 Date: JULY 7, 2017  
 Bulletin No: TSB-3012  
 Models: 4000 Series 6 Diode Rectifier Alternators  
 Subject: Hardware Kit for 4000 6 Diode Series Alternators K2121047675

This series covers 6 diode rectified alternators less than 185 Amps and either remote rectified or remote regulated models not requiring the R031101136S capacitor.

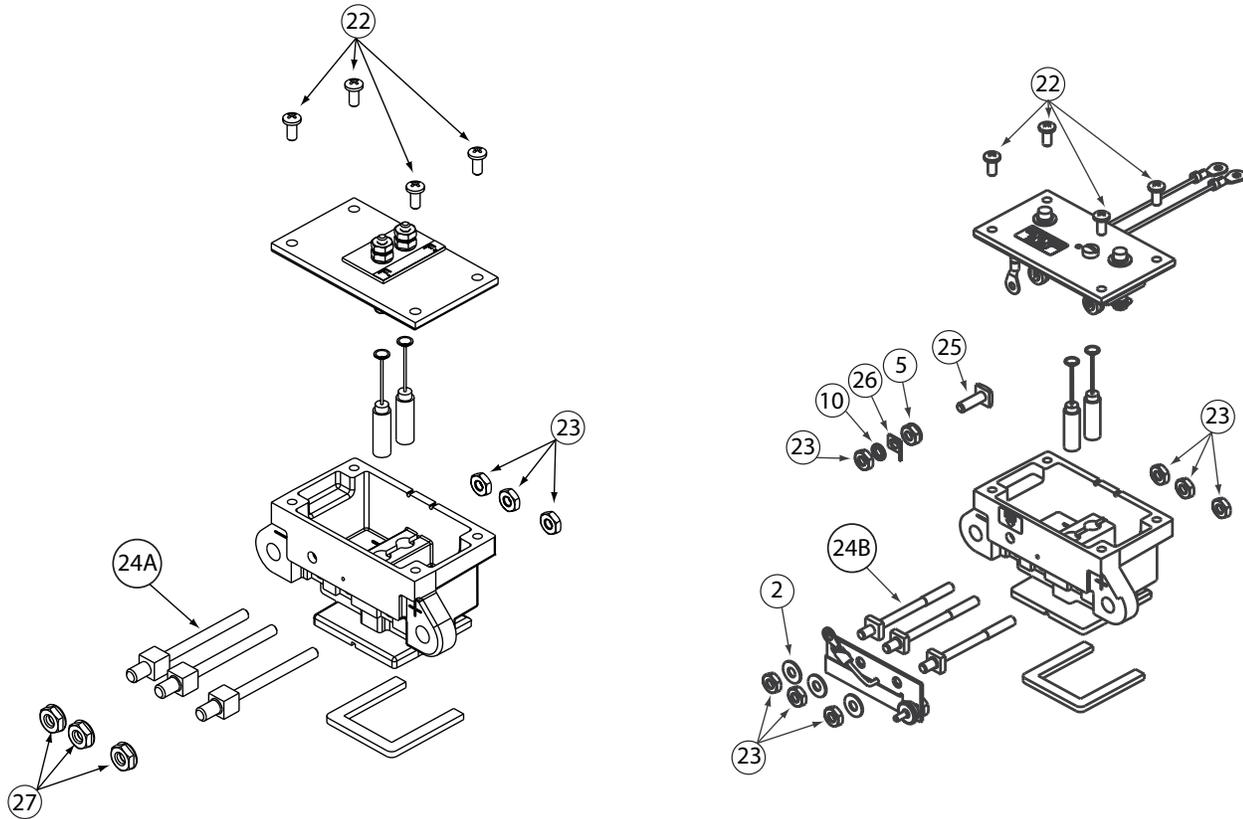
NOTE: All of these components are part of the hardware kit and not available for individual purchase.

4000 Series J180 Mount



Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers'; and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Date: JULY 7, 2017  
Bulletin No: TSB-3012



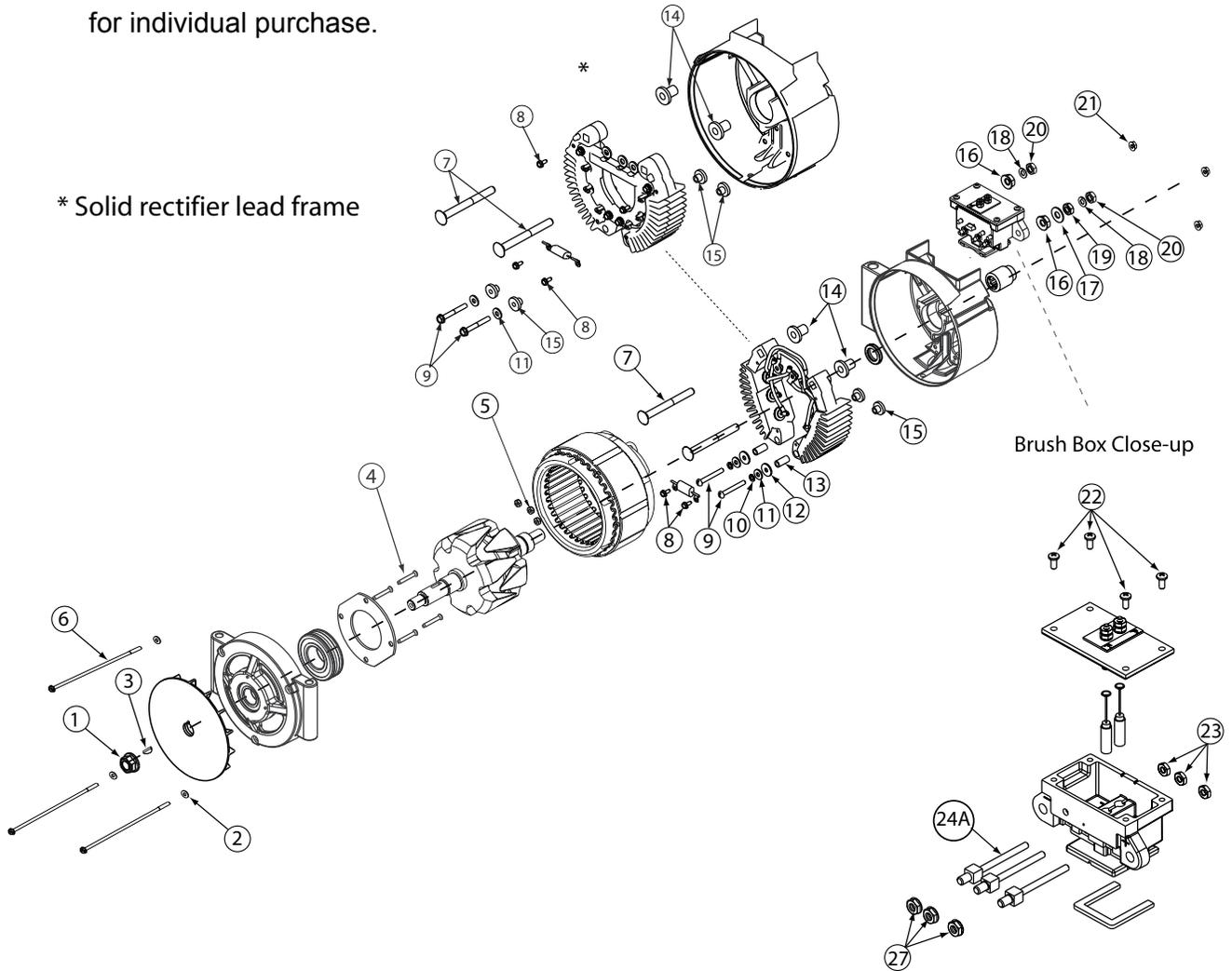
Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Date: JULY 7, 2017  
Bulletin No: TSB-3012

NOTE: All of these components are part of the hardware kit and not available for individual purchase.

4900 T-Mount

\* Solid rectifier lead frame



Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers'; and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at:

Date: January 27, 2008

Bulletin No: TSB-3012

Description	Qty.	Key	Where used
NUT, 5/8-18, LOCK	1	1	Fan Nut
WASHER, FLAT#10	6	2	Thru-Bolt flat washer
KEY, WOODRUFF #8	1	3	Shaft key
SCREW, THREAD FORMING	4	4	Front housing retainer plate holding screw
NUT	4	5	Internal stator nuts to AC-taps
THROUGH BOLT	3	6	Thru-Bolt Hold Alternator Together
THROUGH BOLT	3	6	Thru-Bolt Hold Alternator Together
SCREW TERMINAL 5/16-18 x 3 1/4	2	7	Positive and Negative Output Studs
SCREW, TAP #6-32X11/32	4	8	Hold regulator sense leads and capacitor to rectifier rings
SCREW #10-32 X 1 1/2	2	9	Holds rectifier ring to rear housing
SCREW #10-32 X 1 1/2	2	9	Holds rectifier ring to rear housing
WASHER, LOCK #10	3	10	Lock washer for bolt (Key 9)
WASHER, FLAT #10	2	11	Flat washer for bolt (Key 9)
WASHER INSULATING	2	12	Insulates bolt (Key 9) from rectifier rings
BUSHING, INSULATING	2	13	Insulates bolt (Key 9) from rectifier rings
BUSHING, INSULATING	2	14	Insulates output studs and rectifier rings from rear housing
BUSHING, INSULATING	4	15	Insulates rectifier ring from rear housing
NUT, CON LOCK, 5/16-18	2	16	Holds positive and negative studs into rear housing
WASHER GUARD, 5/16	1	17	Washer used on negative output stud
WASHER, LOCK 5/16	2	18	Lock washer for positive and negative output stud
HEX NUT, 5/16-18 UNC	1	19	Jam nut used on negative output stud
HEX NUT, 5/16-18 UNC	2	20	Nut used to attach customer cables to alternator output studs
NUT, #10-32 FLANGE LOCK	3	21	Thru Bolts nuts
SCREW #8-32 X 3/8	4	22	Regulator attachment screws
HEX NUT, #10-32 UNF	7	23	AC Tap Nuts
STUD TERMINAL	3	24A	AC Studs
STUD TERMINAL	3	24B	AC Studs
SCREW, #10-32 X 5/8, SQ HD	1	25	Ignition stud
TERMINAL, 1/4", 45	1	26	Ignition terminal
NUT, CON LOCK, 1/4-20	3	27	AC nuts

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at: