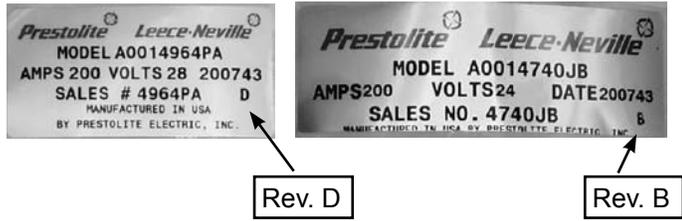


| | | |
|--------|-------------------------------|--|
| Group: | 4000 T-Mount | Notes: Refer to SP1010 -DWG for major component drawing. Refer to TSB-3007, 3007, and TSB-3012 for hardware kit breakdown. Refer to TSB-1118 for solid leadframe changeout procedure. |
| Form: | SP1010 | |
| Date: | March 31, 2009 | |
| File: | Alternator Parts List Section | |

*** 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.

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| | | |
|--------|-------------------------------|---|
| Group: | 4000 T-Mount | Notes: Refer to SP1010 -DWG for major component drawing. Refer to TSB-3007, 3007, and TSB-3012 for hardware kit breakdown. Refer to TSB-1118 for solid leadframe changeout procedure. |
| Form: | SP1010 | |
| Date: | March 31, 2009 | |
| File: | Alternator Parts List Section | |

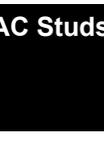
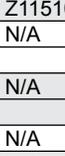
| Component View | Front Housing Spacer, bearing, retainer | Rotor | Rear Housing, bearing | Stator | Rectifier Negative | Brush Box |
|----------------|--|-------------|-----------------------|-------------|--------------------|-------------|
| | | | | | | |
| Model | 1 | 2 | 3 | 4 | 5 | 6* |
| A0014900JB | A014101351S | A020101348S | A011105239S | A022101325S | A051104337S | A009097082S |
| A0014905AA | A014101685S | A020101348S | A011105239S | A022096905S | N/A | A009097082S |
| A0014910JB | A014101351S | A020101703S | A011105239S | A022100827S | N/A | A009097082S |
| A0014950AA | A014101351S | A020101348S | A011104772S | A022101325S | A967079978S | A009097082S |
| A0014954AA | A014101351S | A020101703S | A011104772S | A022101341S | A967079978S | A009097082S |
| A0014970JB | A014101351S | A020102215S | A011105239S | A022101888S | A051104337S | A009097082S |

| Component View | Fan | Regulator or Cover | Rectifiers Positive | Rectifier Assembly Pos/Neg | Overhaul Kit Bearings, slip ring, O-ring, brush holder | Hardware Kit |
|----------------|-------------|--------------------|---------------------|----------------------------|--|-----------------|
| | | | | | | |
| Model | 7 | 8 | 9 | 9 | | |
| A0014900JB | A041075594S | R240103725S | A051104336S | N/A | K183104738S | K212104769S |
| A0014905AA | A041075594S | A038100265S | N/A | A051105220S | K183104738S | K212104767S ** |
| A0014910JB | A041075594S | R240103725S | N/A | A051105220S | K183104738S | K212104767S ** |
| A0014950AA | A041075594S | A038100265S | A967079977S | N/A | K183104738S | K212104771S *** |
| A0014954AA | A041075594S | A038100265S | A967079977S | N/A | K183104738S | K212104771S *** |
| A0014970JB | A041075594S | R240103725S | A051104336S | N/A | K183104738S | K212104769S |

* See SP1010-DWG for details on items.
 ** See TSB-3012
 *** See TSB-3014

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| | | |
|--------|-------------------------------|---|
| Group: | 4000 T-Mount | Notes: Refer to SP1010 -DWG for major component drawing. Refer to TSB-3007, 3007, and TSB-3012 for hardware kit breakdown. Refer to TSB-1118 for solid leadframe changeout procedure. |
| Form: | SP1010 | |
| Date: | March 31, 2009 | |
| File: | Alternator Parts List Section | |

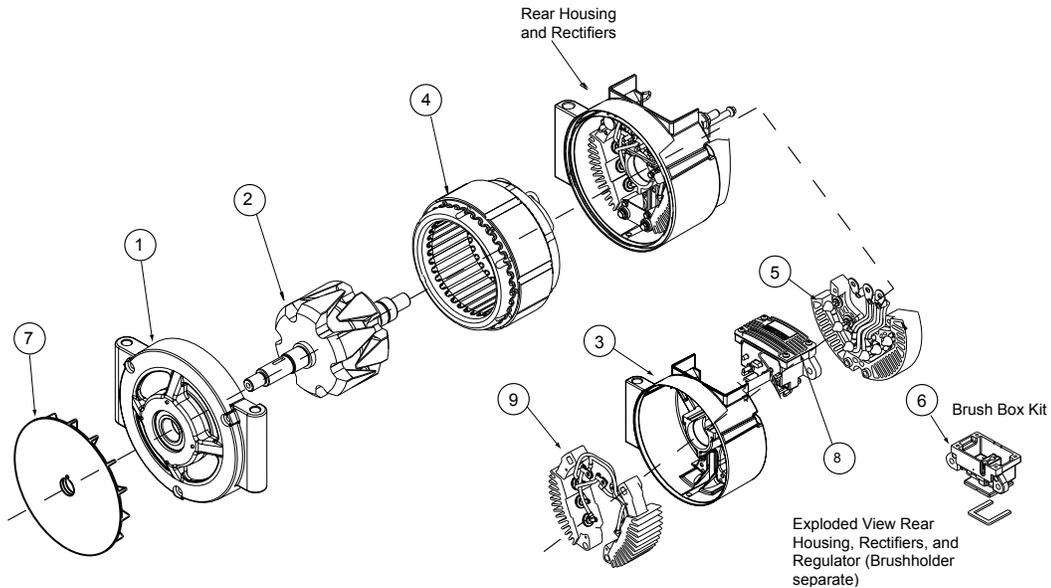
| Component View | AC Studs | Positive Stud | Negative Cover Plate | AC Strap | Terminal Mounting Pad | Capacitor Assembly |
|----------------|---|---|--|---|---|--|
| |  |  |  |  |  |  Or  |
| Model | 12 | 13 | 14 | 16 | 17 | 18 |
| A0014900JB | A116101443S | Z115102683S | A038101396S | N/A | N/A | A031104788S |
| A0014905AA | N/A | N/A | N/A | N/A | N/A | A031096545S |
| REV: D | | | | | | A031105229S |
| A0014910JB | N/A | N/A | N/A | N/A | N/A | A031096545S |
| REV: E | | | | | | A031105229S |
| A0014950AA | N/A | N/A | N/A | K185104777S | A263101333S | N/A |
| A0014954AA | N/A | N/A | N/A | K185104777S | A263101333S | N/A |
| A0014970JB | A116101443S | Z115102683S | A038101396S | N/A | N/A | A031104788S |

| Component View | Brush Kit |
|----------------|---|
| |  |
| Model | |
| All Models | K185104697S |

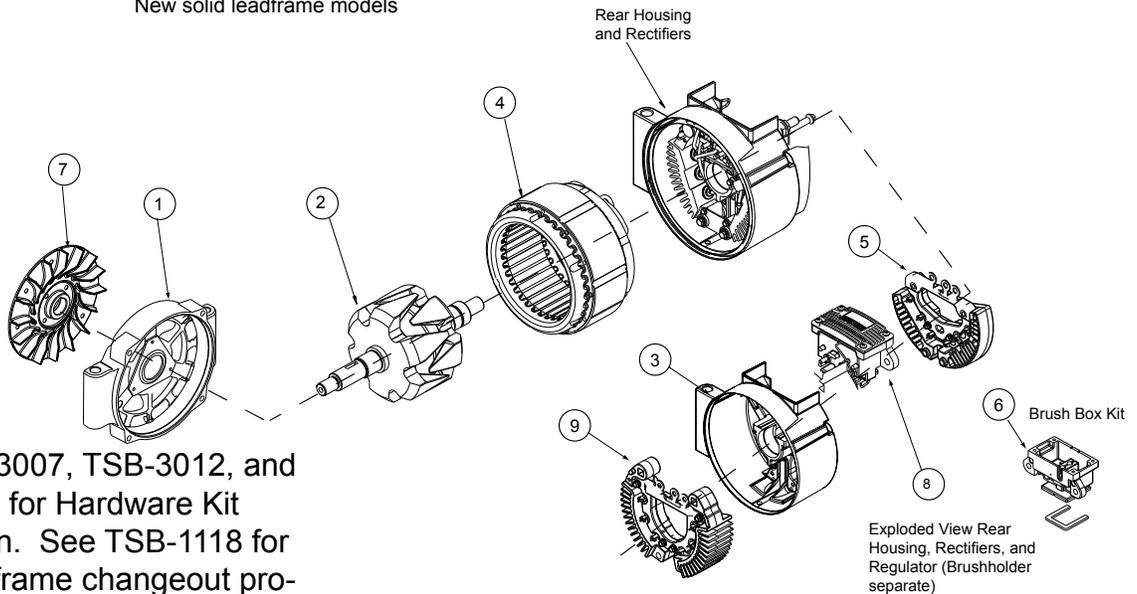
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| | | |
|--------|-------------------------------|---|
| Group: | 4000 Tmount | Notes: |
| Form: | SP1010-DWG | Refer to SP1010-4000Tmount for parts breakdown. Refer to TSB-3007, TSB-3012, and TSB-3014 for hardware kit breakdown. Refer to TSB-1118 for solid leadframe changout procedure. |
| Date: | January 27, 2009 | |
| File: | Alternator Parts List Section | |

4000 Series T-Mount



4000 Series T- Mount
New solid leadframe models



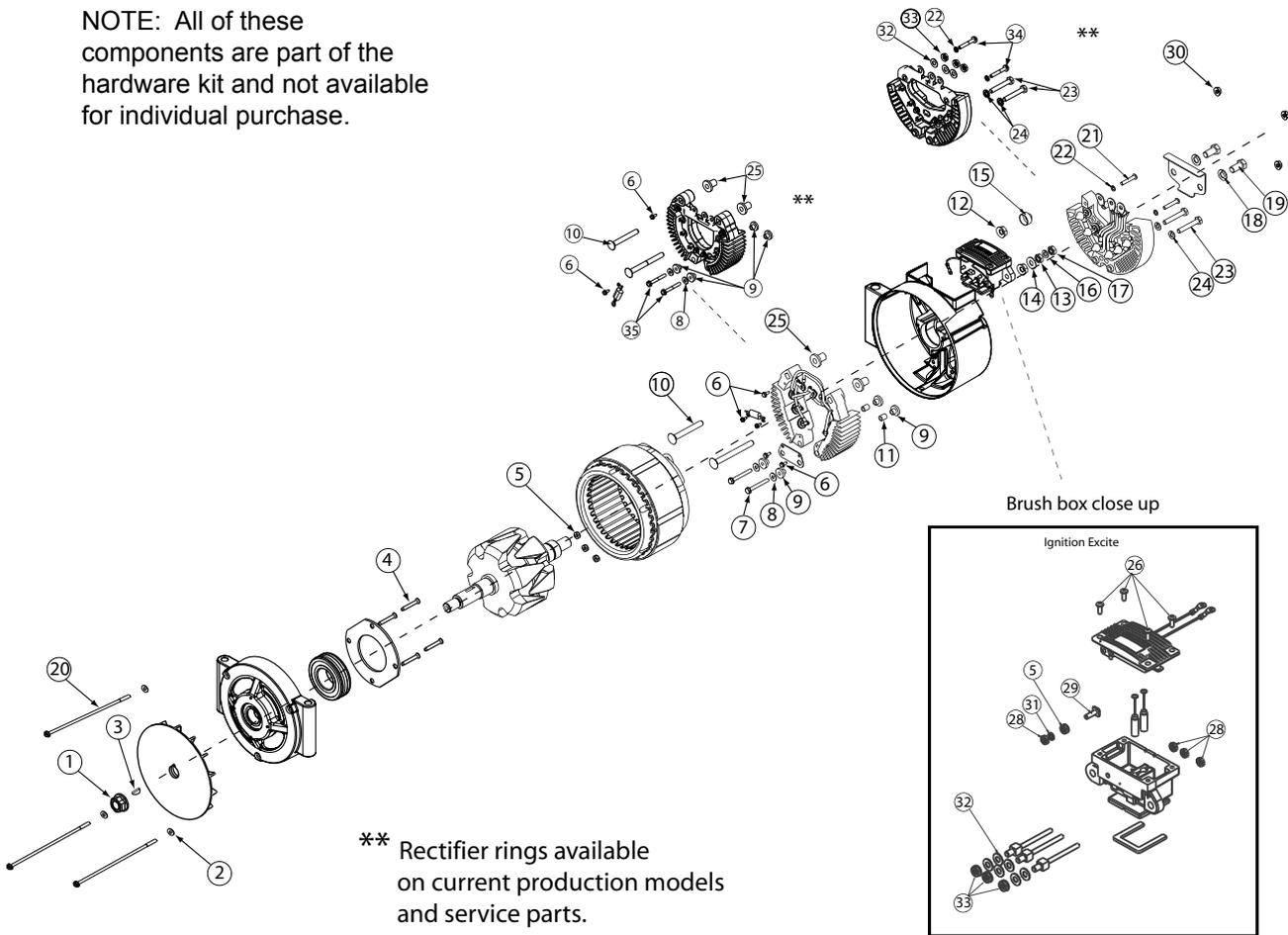
See TSB-3007, TSB-3012, and TSB-3014 for Hardware Kit breakdown. See TSB-1118 for solid leadframe changout procedure.

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Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
 Date: February 7, 2008
 Bulletin No: TSB-3007
 Models: 4000 Series T-mount
 Subject: Hardware Kit for 4000 series T-mount alternators K212104769S for units with regulator.

K212104769S

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



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Date: February 7, 2008

Bulletin No: TSB-3007

4000 Series T-Mount series Hardware (with regulator and rectifier) - K212104769S

| Description | Qty. | Key | Where used |
|-------------------------|------|-----|--|
| NUT, 5/8-18, LOCK | 1 | 1 | Pulley 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 |
| SCR TPG 6-32x11/32phw | 5 | 6 | Internal Positive Rectifier connector plate screw |
| #10 HEX/WSHR. Hd. Scr. | 2 | 7 | Hex screw for internal Rect. Jumper plate |
| WASHER FLT.203-.500-.0 | 2 | 8 | Flat washer on internal rectifier connector plate screws |
| BUSHING , INS. | 4 | 9 | Insulates rectifier ring from rear housing |
| BOLT 5/16 x 2-1/2" | 1 | 10 | Positive post bolt, short side with clear cap, no connect |
| BUSHING, INSULATION | 2 | 11 | Cardboard insulator for internal bolt insulation |
| NUT, TENZ -5/16-18 | 2 | 12 | Con. Nut for positive post |
| NUT,HEX 5/16-18 | 1 | 13 | External positive post nut, lower |
| WASHER 5/16" | 1 | 14 | External positive post flat washer |
| STUD COVER | 1 | 15 | Used to cover positive post bolt externally that is not used. |
| WASHER LCK | 1 | 16 | External positive post lockwasher |
| NUT | 1 | 17 | External positive post nut, top |
| LOCKWASHER 3/8" | 2 | 18 | Lockwasher used on negative bolts externally |
| BOLT- 3/8" x 3/4" | 2 | 19 | External negative Bolts, holds negative plate |
| THRU.BOLT #10-32 | 3 | 20 | Thru-Bolts holds Alternator together |
| SCREW | 2 | 21 | External negative rectifier flat head screws |
| LOCKWASHER #10 | 2 | 22 | Used on screws in negative external rectifier |
| SCREW | 2 | 23 | External negative rectifier hold down bolts |
| LOCKWASHER 1/4" | 2 | 24 | Lockwasher on external negative rectifier bolts/ Hold down bolts |
| BUSHING , INS. | 2 | 25 | White internal post insulator |
| SCREW | 4 | 26 | Regulator screws for internal dome top regulator |
| SCREW | 4 | 26 | Regulator screws for internal flat top regulator |
| NUT,STEEL #10-32 | 4 | 28 | Holds AC taps in brush box and ign terminal |
| SCREW | 1 | 29 | Square headed screw used on brush box |
| NUT, #10-32 FLANGE LOCK | 3 | 30 | Thru-Bolt Nut |
| LOCKWASHER #10 | 1 | 31 | Used on brush box, IGN term. |
| WSHR FLT .266-.562- | 6 | 32 | Flat washer for brush box AC-Taps |
| NUT | 3 | 33 | Ac Tap Con Nuts |
| SCREW #10 X 1 1/4" | 2 | 34 | Holds negative rectifier to rear housing |
| SCREW #10 X 1 1/2" | 2 | 35 | Holds positive rectifier to rear housing |

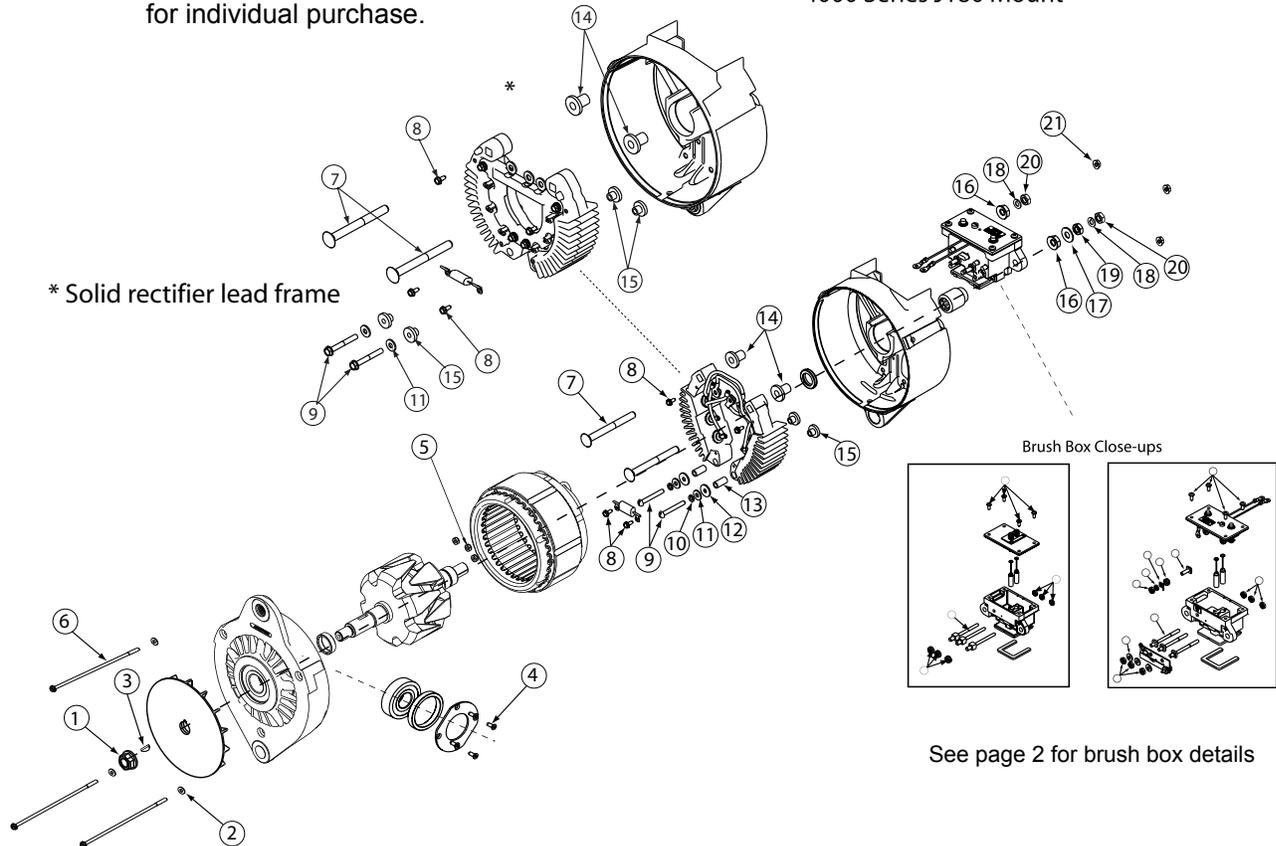
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Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
 Date: January 27, 2008
 Bulletin No: TSB-3012
 Models: 4000 Series 6 Diode Rectifier Alternators
 Subject: Hardware Kit for 4000 6 Diode Series Alternators K212104767S

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

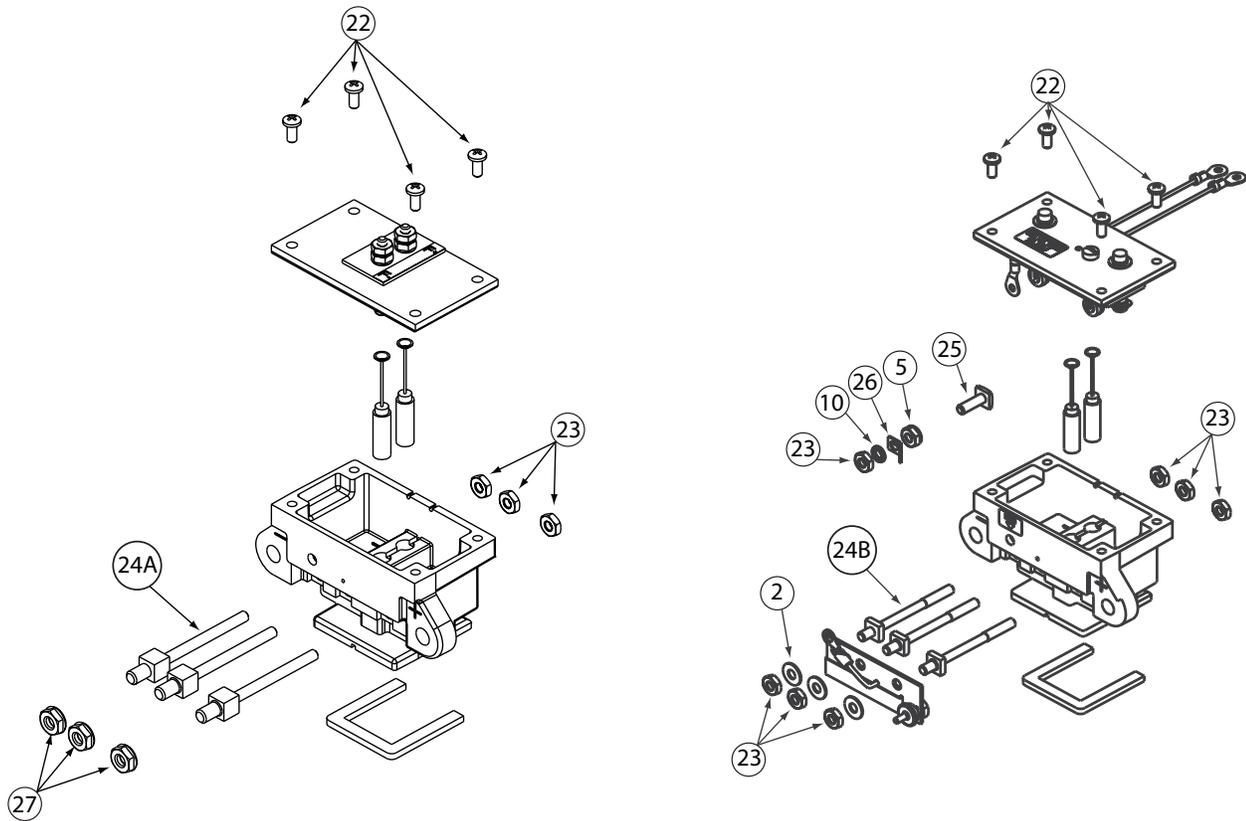
NOTE: All of these components are part of the hardware kit and not available for individual purchase.

4000 Series J180 Mount



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Date: January 27, 2008
Bulletin No: TSB-3012



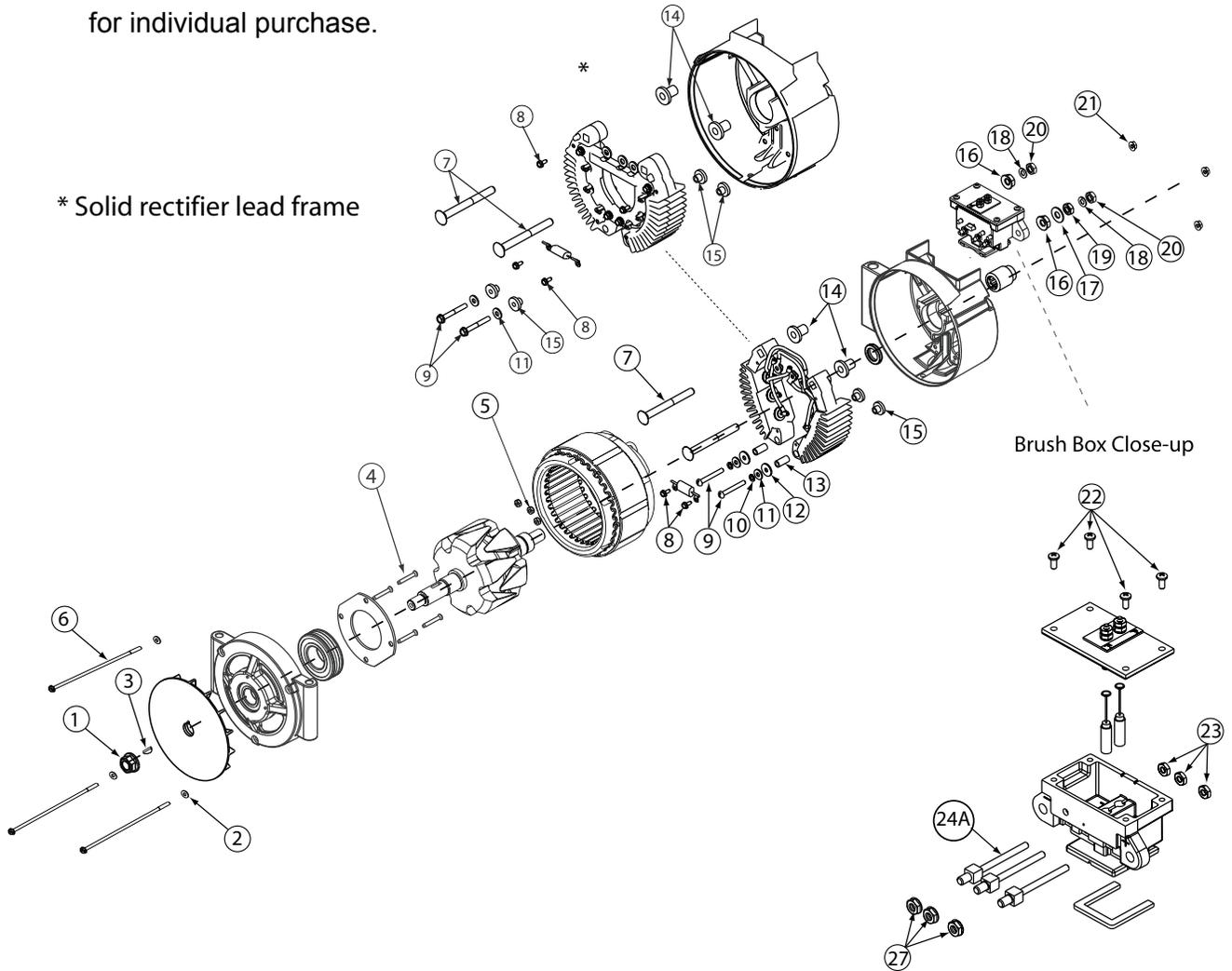
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Date: January 26, 2008
Bulletin No: TSB-3012

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

4900 T-Mount

* Solid rectifier lead frame



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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 |

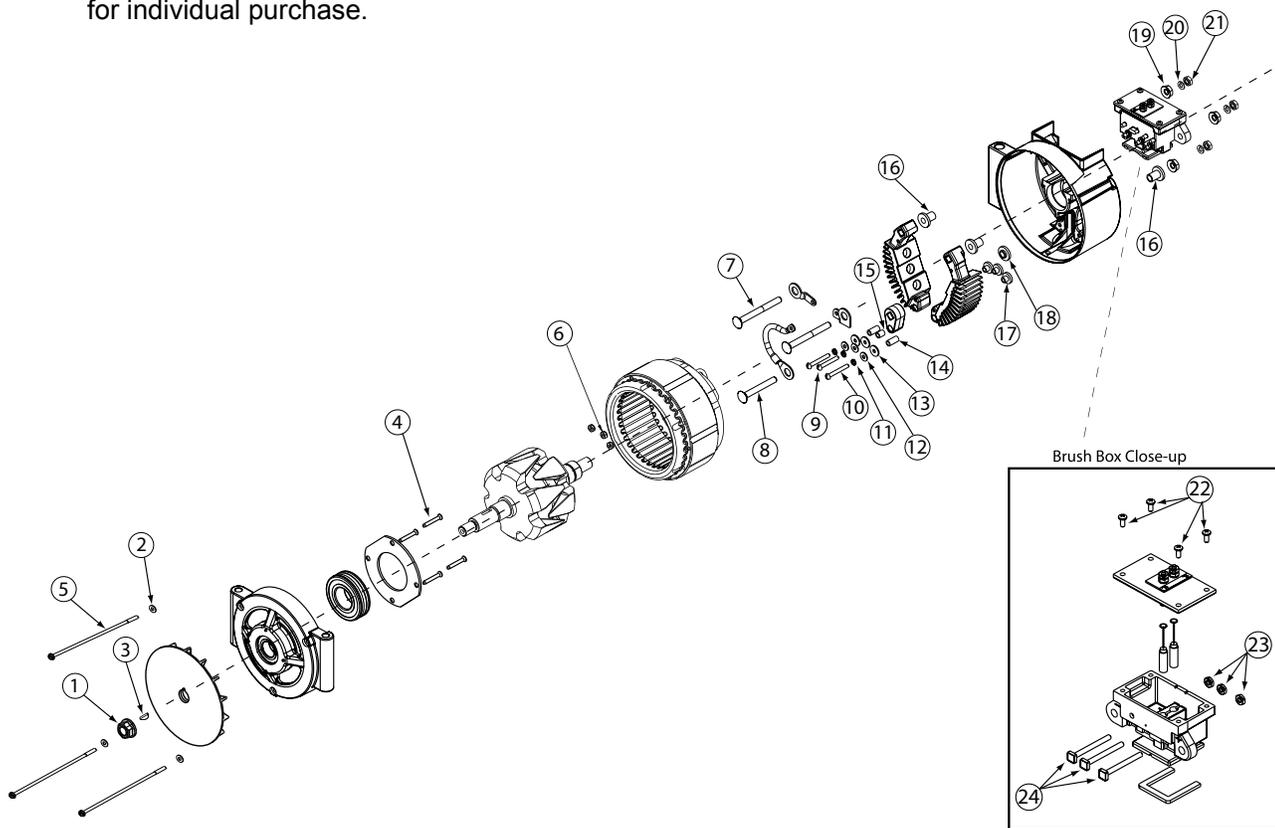
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Source: Leece-Neville Heavy Duty Systems Division - Arcade, NY USA
Date: February 5, 2008
Bulletin No: TSB-3014
Models: 4000 Series Without Regulators / Rectifiers
Subject: Hardware Kit for 4000 series T-mount alternators K212104771S for AA series units without regulator.

K212104771S

4000 Series AA T-Mount

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



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Date: February 5, 2008

Bulletin No: TSB-3007

4000 Series T-Mount AA series Hardware K212104771S

| 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 |
| THRU.BOLT #10-32 | 3 | 5 | Thru-Bolts holds Alternator together |
| NUT | 3 | 6 | Hold stator leads brush box |
| BOLT 5/16 X 3-1/4" | 2 | 7 | AC bolt |
| BOLT 5/16 X 2-1/2" | 1 | 8 | AC bolt |
| SCREW #10 X 1-3/8" | 1 | 9 | Attaches AC bolt holder to alternator rear housing. |
| Screw | 2 | 10 | Attaches rectifier heatsink to rear housing. |
| LOCKWASHER | 3 | 11 | Lockwashers for bolts that attach AC bolt holder and rectifier heatsink |
| WASHER FLT.203-.500-.0 | 3 | 12 | Flatwashers for bolts that attach AC bolt holder and rectifier heatsink |
| Washer | 3 | 13 | Insulating washer for bolts that attach AC bolt holder and rectifier heatsink |
| Bushing | 2 | 14 | Insulating bushing for bolts that attach rectifier heatsink |
| BUSHING, INSULATION | 1 | 15 | Insulating bushing for bolt that attach AC bolt holder to alternator rear housing |
| Bushing | 3 | 16 | Insulating bushing for AC bolts |
| Bushing | 3 | 17 | Insulates rectifier heatsinks from alternator rear housing |
| Bushing | 1 | 18 | Insulates AC bolt holder from alternator rear housing |
| NUT, TENZ - 5/16-18 | 3 | 19 | Secure AC bolts to rear housing |
| LOCKWASHER | 3 | 20 | Lockwasher for customer cables |
| HEX NUT | 3 | 21 | Nut to attach customer cables |
| SCREW | 4 | 22 | Screws that attach remote regulator cover |
| NUT, STEEL #10-32 | 3 | 23 | Nuts that hold AC taps in brush box |
| Stud | 3 | 24 | AC bolt |

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